

PROLUMEN



PROLUMEN

HEULSESTRAAT 41 - 8860 LENDELEDE - BELGIUM

PROFESSIONAL
LED MANUFACTURER

PROFESSIONAL LED MANUFACTURER

ABOUT US

Established in 2013, in Lendeled Belgium of Prolumen Bvba focus on LED Commercial Lighting with strong orientation of being the leading lighting solution provider.

Prolumen has the Know-how & Technologies & Facilities to ensure that you - The Customer gets the best in products, value and services.

11 Years

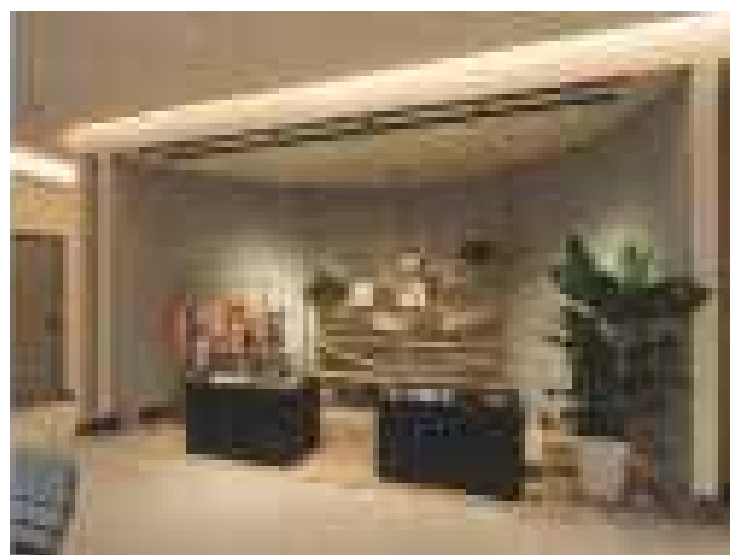
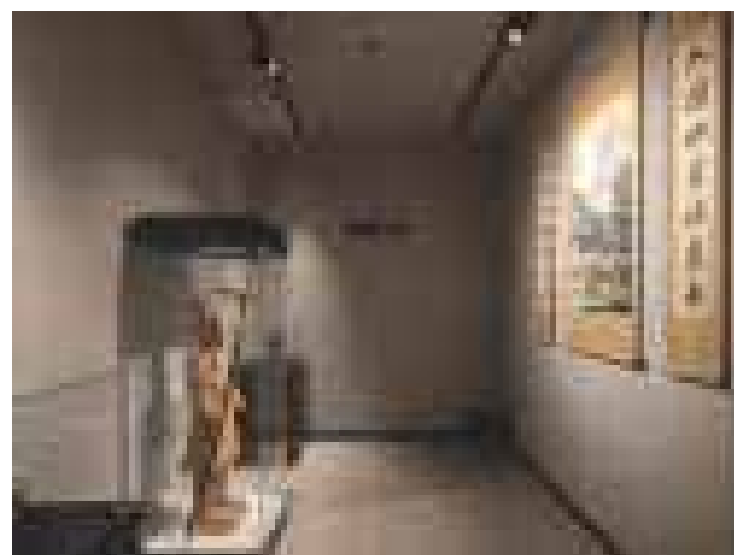
Expenrice

3000 m²

Production base

60

Staff



WHO WE ARE

BUSINESS PHILOSOPHY:

- Dedicate to quality
- Honest and Punctual
- Work together as a team

VISION:

- To be the leading lighting solution provider in China.

MISSION:

- To offer diverse and complete range of Luminaires to meet every sector's requirement.
- Provide fully integrated services for customers' advantage.
- Establish high standard manufacturing facilities and laboratory to facilitate new products development and innovation.

MAJOR MILESTONE

- 2013** Established Lighting Fixtures in Spin-forming machines
- 2014** Scale up with an Automatic Powder Painting Workshop
- 2015** Expand to develop & manufacture Complete Lights
- 2016** Scale up by moving Division of Complete Lights
- 2017** Complete Lights for Leading Brands in Europe
- 2018** Die-casting Workshop Established
- 2019** Keep Annual Growth of over 30%
- 2020** Focus on product development in 1st year of COVID-19, and obtain with honor 28 design patents
- 2021** Honored with High Tech Enterprise and sales keep growing continuously
- 2022** A series effective actions of management optimization and Annual Turnover increased by 36%
- 2023** New factory expansion to be completed in Sep. to enlarge production capacity, improve the capability of sales service & technical support

WHAT MAKE PROLUMEN DIFFERENT

TIME:

Our engineering team has extensive design experience of over 18 years.
Designers Techniitions

PROFESSIONAL:

With design experience for |Guzzini, Zumtobel,
MODULAR, REGENT, LUCENT, SLV etc.

MISSION:

6 experienced designers and 7 skilled technicians to take quick
actions to Manufactured by ourselves. fulfill our customers' needs

COMPETENCY:

Self-owned design & private molds make our products distintively
competitive in the market

QUALITY:

80% self-manufactured compents and detailed incoming
inspection process help to ensure high quality of all products.

18
year's
Design experience

6
Designers

7
Technicians

80%

Distinctive
**Customer
comes first**

Certificates
Honest Trend

Patent **ODM**

Quick action
Growing Honest
Punctual Warranty

Long-term
Teamwork
Competitive

Quality

Quick action
Growing Honest
Punctual Warranty

Long-term
Teamwork

Competitive
Quality

Experienced in Design
Strong sense of responsibility

**Commitment
to Quality**
Teamwork

Distinctive

**Customer
comes first**

Certificates

Honest Trend

Patent **ODM**

CE RoHS EMC ERP

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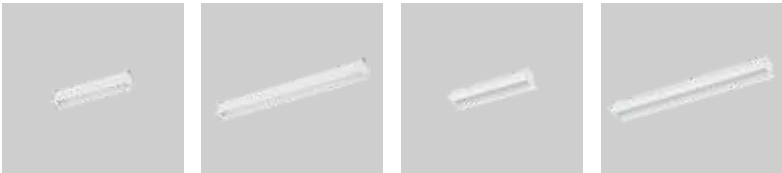
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06 WALL WASHER



PL-D650-COB2 PL-D650-COB2-2 PL-D757-COB2 PL-D757-COB2-2

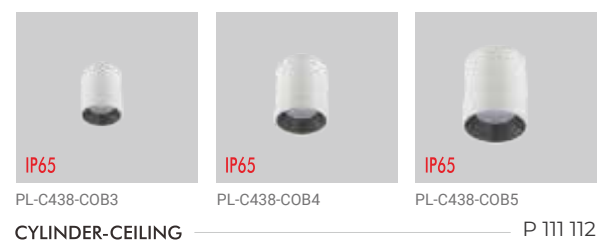
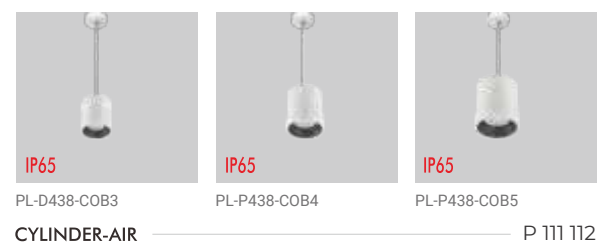
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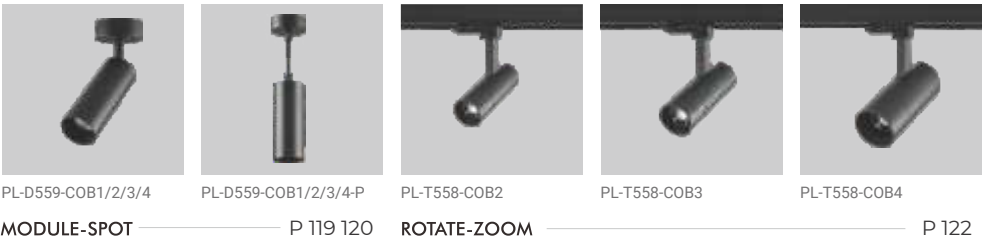
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PL-M473-SMD4

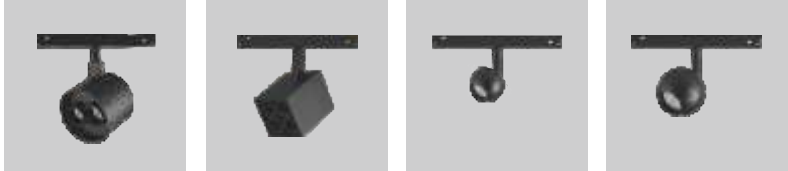


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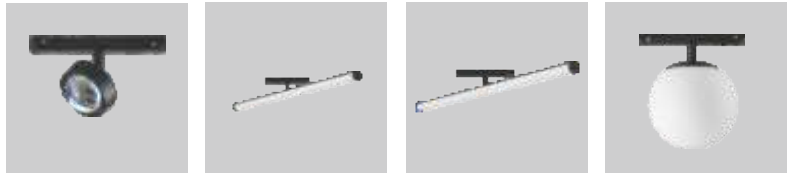


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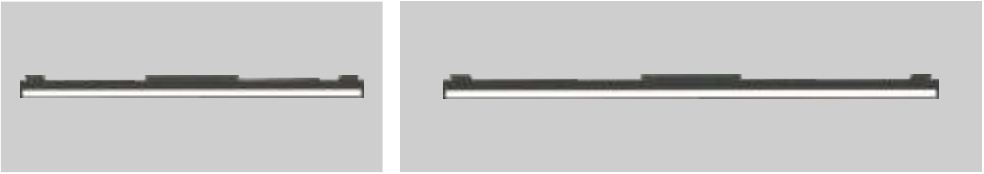
PL-D355-48



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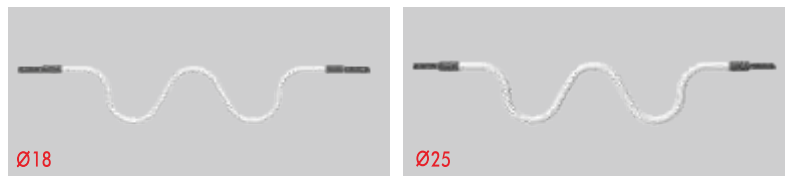
PL-D355-24PC



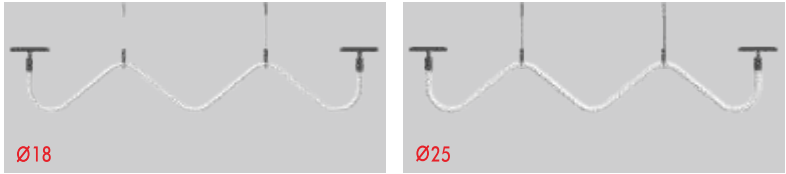
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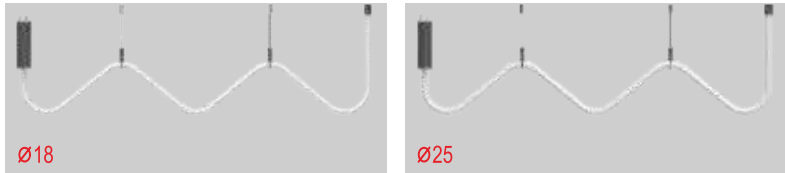


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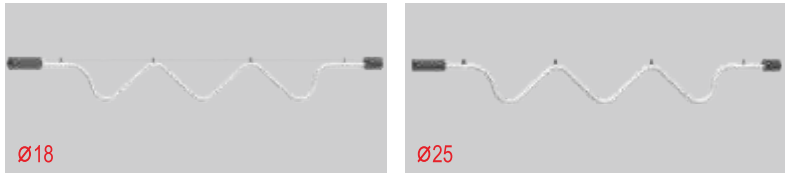


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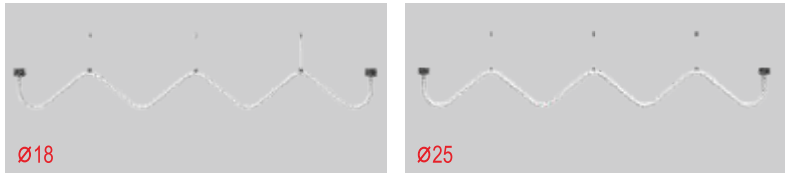
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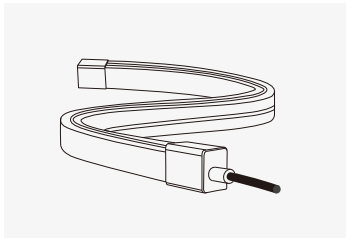
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- 179 PL-N0606
- 180 PL-N1010
- 181 PL-N11010-Three Sided Light
- 182 PL-N11212
- 183 PL-N2016
- 184 PL-N3020
- 185 PL-N5025
- 186 PL-ND16

13-2 side BAND

- 187 PL-N1220
- 188 PL-N0408
- 189 PL-N0612
- 190 PL-N0817
- 191 PL-N1010
- 192 PL-N1018
- 193 PL-N1023
- 194 PL-N1225
- 195 PL-N2020
- 196 PL-N3032

13-3 TOP BAND & SIDE BAND

- 197 PL-3DN1615

13-4 360 EMITTING

- 198 PL-NR25
- 199 PL-NR25 PRO

13-5 EMBEDDED

- 200 PL-EN0612
- 201 PL-EN0817
- 202 PL-EN1212
- 203 PL-EN1220
- 204 PL-EN1615

13-6 BLACK SERIES

- 204 PL-N1615B
- 206 PL-N1220B
- 207 PL-NR25B

13-7 HIGH EFFICIENCY

- 208 PL-N1212H
- 209 PL-N1615H
- 210 PL-N1220H

13-8 ERP SERIES

- 211 PL-N1615ERP
- 212 PL-N1220ERP
- 213 PL-N1212ERP

13-9 MAJIC SERIES

13-9-1 DMX512

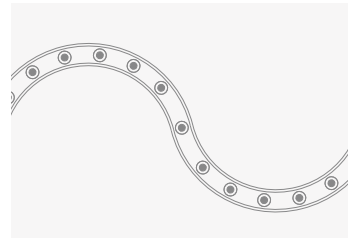
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- 218 PL-N1225
- 219 PL-N0612-Crgb
- 220 PL-N0817-Crgb
- 221 PL-N1010-Crgb
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- 224 PL-NR25-Crgb

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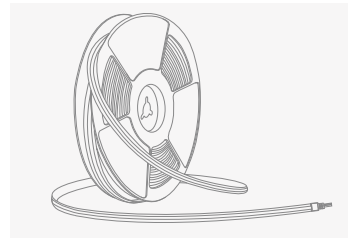
FLEXIBLE LED WALL WASHER



- 225 PL-WL2620 Eco-Integrated extrusion
- 222 PL-WL2620Pro-Free bending
- 227 PL-WL2Q120
- 227 PL-WLPRO2Q48

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COB LED STRIP



15-1 COB Flexible LED STRIP

- 229 PL-ST20Q480
COB—480—Single color
- 230 PL-ST20Q560V14-CCX
COB—560—Single color(CC)
- 231 PL-ST20Q576V24-CA
COB—576—CCT Tunable
- 232 PL-ST20Q588V24-CA-DTW
COB—588—CCT Tunable DIM TO WARM
- 233 PL-ST20Q420V24-RGB
COB—420—RGB
- 234 PL-ST20Q720V12-RGB
COB—720—RGB

- 235 PL-ST20Q840V24-RGB
COB—840—RGB
- 236 PL-ST20Q560V24-RGBW
COB—560—RGBW
- 237 PL-ST20Q720V12-RGBW
COB—720—RGBW
- 238 PL-ST20Q840V24-RGBW
COB—840—RGBW
- 239 PL-ST20Q840V24-RGB-SPI
COB—840—RGB—digital

15-2 COB ERP

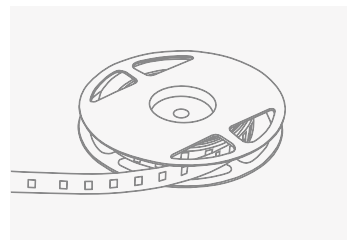
- 240 PL-ST20Q480-CX-ERP
SK—ST20Q480—CX—ERP(F/G)

15-2 COB Plus

- 241 PL-ST20-PLUS8
COB—PLUS—8
- 242 PL-ST20-PLUS10
COB—PLUS—10
- 243 PL-ST20-PLUS12
COB—PLUS—12
- 244 PL-ST20-PLUS14
COB—PLUS—14

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UNIVERSAL LED STRIP



16-1 ERP SERIES

- 245 PL-ST20Q70V24-Cx
SMD2835 70LEDs/m
- 246 PL-ST20Q80V24-Cx
SMD2835 80LEDs/m
- 247 PL-ST20Q90V24-Cx
SMD2835 90LEDs/m
- 248 PL-ST20Q120V24-Cx
SMD2835 120LEDs/m

- 249 PL-ST2Q140V24-Cx
SMD2835 140LEDs/m

- 250 PL-ST2Q160V24-Cx
SMD2835 160LEDs/m

- 251 PL-ST2Q180V24-Cx
SMD2835 180LEDs/m

- 252 PL-ST2Q192V24-Cx
SMD2835 192LEDs/m

- 253 PL-ST2Q210V24-Cx
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- 254 PL-ST2Q240V12-Cx
SMD2835 240LEDs/m

16-1-2 ER-CCT TUNABLE SERIES

- 255 PL-ST2Q128V24-Ca
SMD2835 128LEDs/m

- 256 PL-ST2Q160V24-Ca
SMD2835 160LEDs/m

- 257 PL-ST2Q156V24-Ca
SMD2835 256LEDs/m

16-2 HIGH EFFICIENCY SERIES

- 258 PL-ST2Q64V24-CCx
SMD2835 CC 64 LEDs/m

- 259 PL-ST2Q80V24-CCx
SMD2835 CC 80 LEDs/m

- 260 PL-ST2Q128V24-CCx
SMD2835 CC 128 LEDs/m

- 261 PL-ST2Q160V24-CCx
SMD2835 CC 160 LEDs/m

- 262 PL-ST6Q128V24-CCx
SMD5630 CC 128 LEDs/m

- 263 PL-ST2Q64V24-Cx
SMD2835 CV 64 LEDs/m

- 264 PL-ST2Q80V24-Cx
SMD2835 CV 80 LEDs/m

- 265 PL-ST2Q128V24-Cx
SMD2835 CV 128 LEDs/m

- 258 PL-ST2Q160V24-Cx
SMD2835 CV 160 LEDs/m

Become your
most trusted
LED lighting supplier

16-3 CONSTANT CURRENT SERIES

267 PL-ST2Q70V24-CCx
SMD2835 70 LEDs/m

268 PL-ST2Q150V24-CCx
SMD2835 120 LEDs/m

269 PL-ST6Q70V24-CCx
SMD5630 70 LEDs/m

270 PL-ST6Q140V24-CCx
SMD5630 140 LEDs/m

16-4 CCT TUNABLE SERIES

271 PL-ST2Q120Vx-Ca
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272 PL-ST2Q224Vx-Ca
SMD3014 224LEDs/m

273 PL-ST3Q120Vx-Ca
SMD3528 120LEDs/m

274 PL-ST9Q224V24-Cdtw
DIM TO WARM SMD2216 224LEDs/m

275 PL-ST2Q120Vx-Cdtw
DIM TO WARM SMD2835 120LEDs/m

276 PL-ST5Q60Vx-Ca-2in1
2 Chips in one SMD5050 60LEDs/m

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277 PL-ST2Q120Vx-CCrgb
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280 PL-ST11Q60V12-Crgb
SMD020 RGB 60LEDs/m

281 PL-ST5Q60V24-Crgbw
SMD5050 RGB+W 60LEDs/m

282 PL-ST5Q60V24-Crgbw-4in1
SMD5050 RGBW 4 Chips in one 60LEDs/m

283 PL-ST5Q96Vx-Crgbw-4in1
SMD5050 RGBW 4 Chips in one 96LEDs/m

284 PL-ST5Q60Vx-Crgbwww-5in1
SMD5050 RGB+W+WW 5 Chips in one LEDs/m

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04-6-1 DMX512

285 PL-ST5Q60V24-Crgb
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286 PL-ST5Q60V24-Crgbw
SMD5050 RGB 60LEDs/m

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287 PL-ST2Q120V24-Cx
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288 PL-ST2Q120V24-Crgb
SMD2835 RGB 120LEDs/m

289 PL-ST5Q30V12-Crgb
SMD5050 RGB 30LEDs/m 12V

290 PL-ST5Q60V5-Crgb
SMD5050 RGB 60LEDs/m 5V

291 PL-ST5Q60V12-Crgb
SMD5050 RGB 60LEDs/m 12V

292 PL-ST5Q60V24-Crgb
SMD5050 RGB 60LEDs/m 24V

287 PL-ST2Q60-Crgbw
SMD5050 RGBW 60LEDs/m 5V/12v

16-7 48V

294 PL-ST2Q80V48-Cx
SMD2835 80 LEDs/m 48V

295 PL-ST2Q160V48-Cx
SMD2835 160 LEDs/m 48V

296 PL-ST2QC72V48-Cx
SMD2835 72 LEDs/m 48V

297 PL-ST2Q120V48-CCx
SMD2835 120 LEDs/m 48V

298 PL-ST2Q150V48-CCx
SMD2835 150 LEDs/m 48V

299 PL-ST2Q40V48-CCx
SMD2835 240 LEDs/m 48V

300 PL-ST5Q54V48-CCrgb
SMD5050 RGB 54LEDs/m 48V

301 PL-ST5Q108V48-CCrgbw
SMD5050 RGBW 108LEDs/m 48V

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304PL-ST2Q60
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305PL-ST2Q120
SMD2835 120 LEDs/m

306 PL-ST6Q240
SMD2835 240 LEDs/m

307 PL-ST4Q60
SMD3014 60 LEDs/m

308 PL-ST4Q120
SMD3014 120 LEDs/m

309 PL-ST3Q120
SMD3528 120 LEDs/m

310 PL-ST3Q240
SMD3528 240 LEDs/m

311 PL-ST5Q60
SMD5050 60 LEDs/m

312 PL-ST5Q120
SMD5050 120 LEDs/m

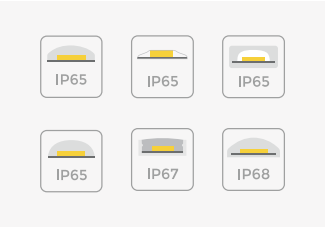
313 PL-ST6Q60
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314 PL-ST6Q72
SMD5630 72 LEDs/m

315 PL-ST2Q120
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STANDARD WATERPROOF LED STRIP SERIES



315 Silicon Waterproof

317 Pu Waterproof

318 Shrink Warb Covering

319 Nano Coating

320 Silicone square tube extrusion

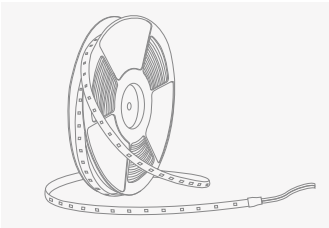
321 Sillicone half round tube extrusion

322 Silicone square solid extrusion

323 Silicone half round solid extrusion

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SPECIAL SCENE SERIES



18-1 TEMPERATURE CONTROL SERIES

324 PL-ST2Q128Vz
2835-128D-24V-12mm

18-2 SAUNA APPLICATION

325 PL-ST1Q80V24-CX
3030-80D-24V-10MM

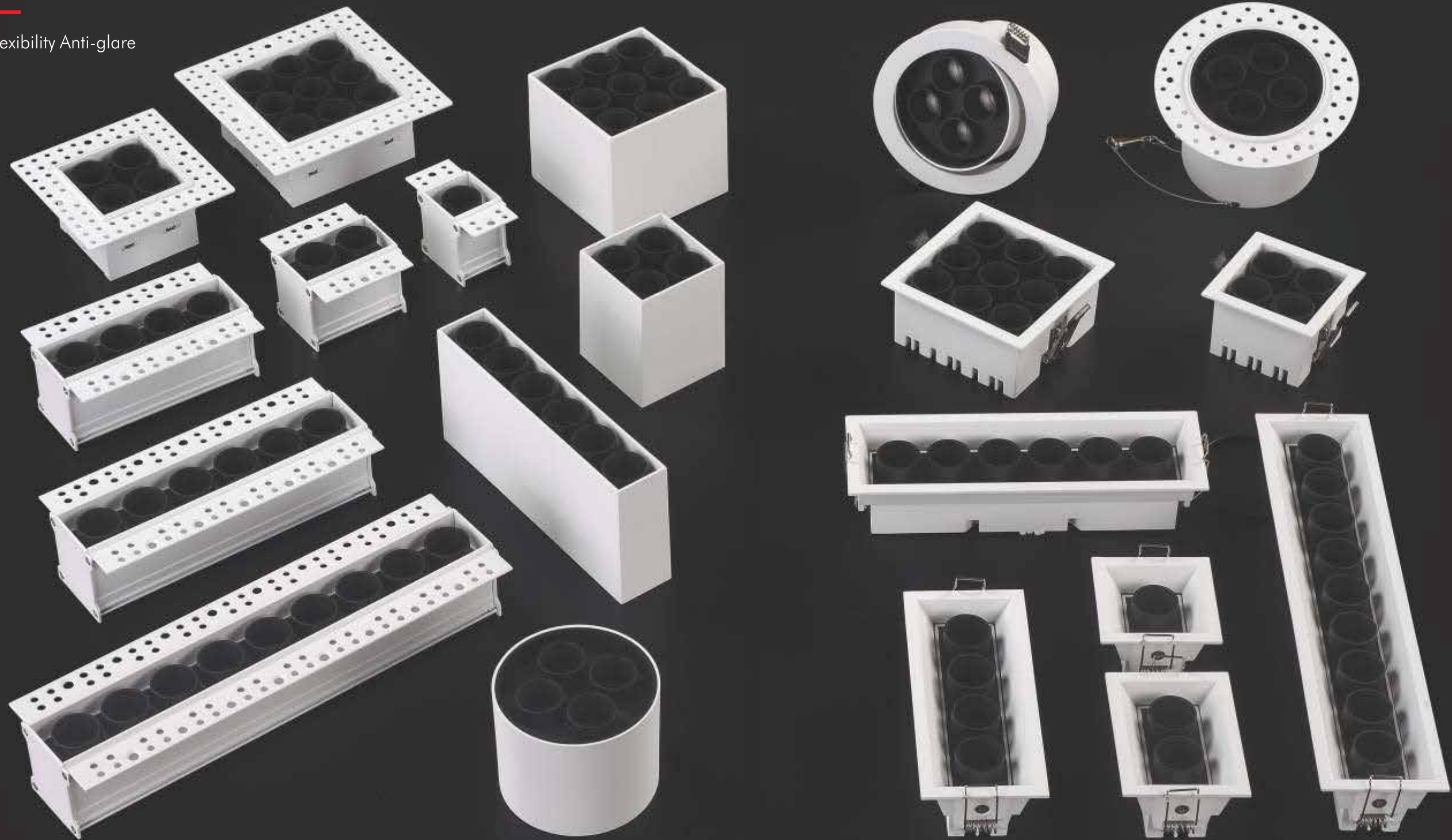
18-3 SWIMMING POOL APPLICATION

326 PL-N1220V24-Cx-IP68
SK-N1220-IP68

327 PL-N1615V24-Cx-IP68
SK-N1615-IP68

EYELED SPOTLIGHT - SMALL

Flexibility Anti-glare



EYELED SPOTLIGHT-SMALL

Adjustable

Linear lighting offers a perfect blend of style, functionality and flexibility. The versatility of our lighting ranges leads them to be a popular option for a diverse range of applications from shopfitting lighting to high-end architectural projects. Today we see linear lighting in offices, retail, education and many commercial spaces. Linear lighting is defined as a linear shape luminaire (opposed to square or round).

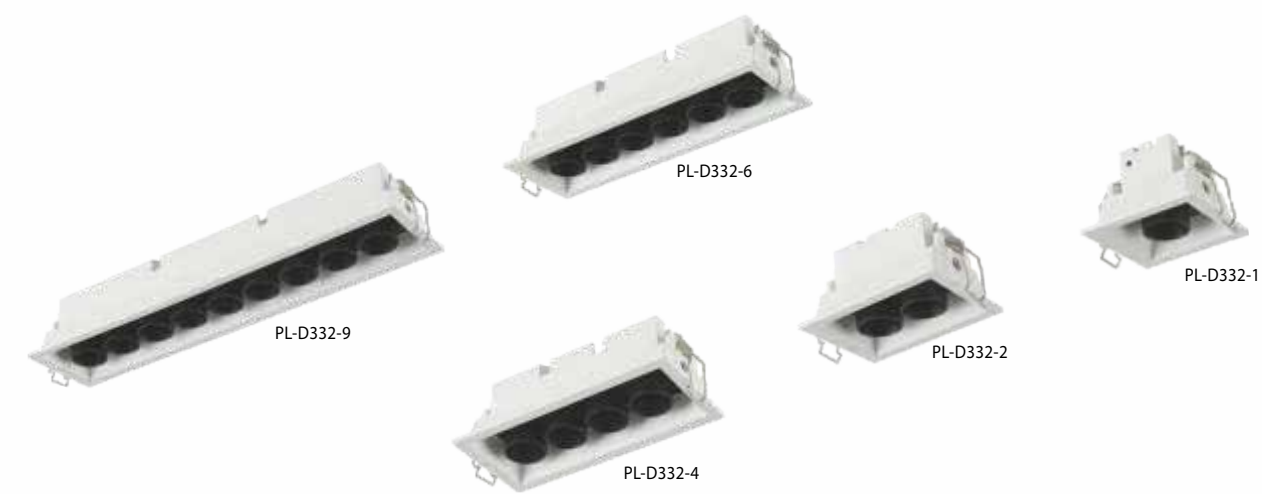
These luminaires long optics to distribute the light over a more narrow area than with traditional lighting.





Boutique hotel, corridors, guest room, high-end clothing, jewelry shops and other places of lighting, professional window.

A&C



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



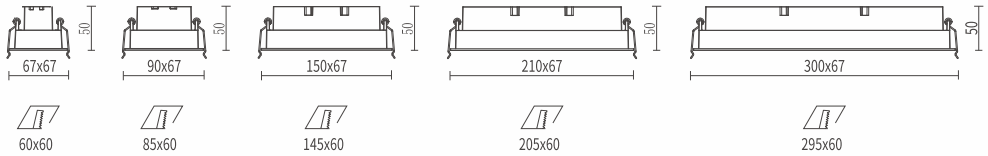
Black White

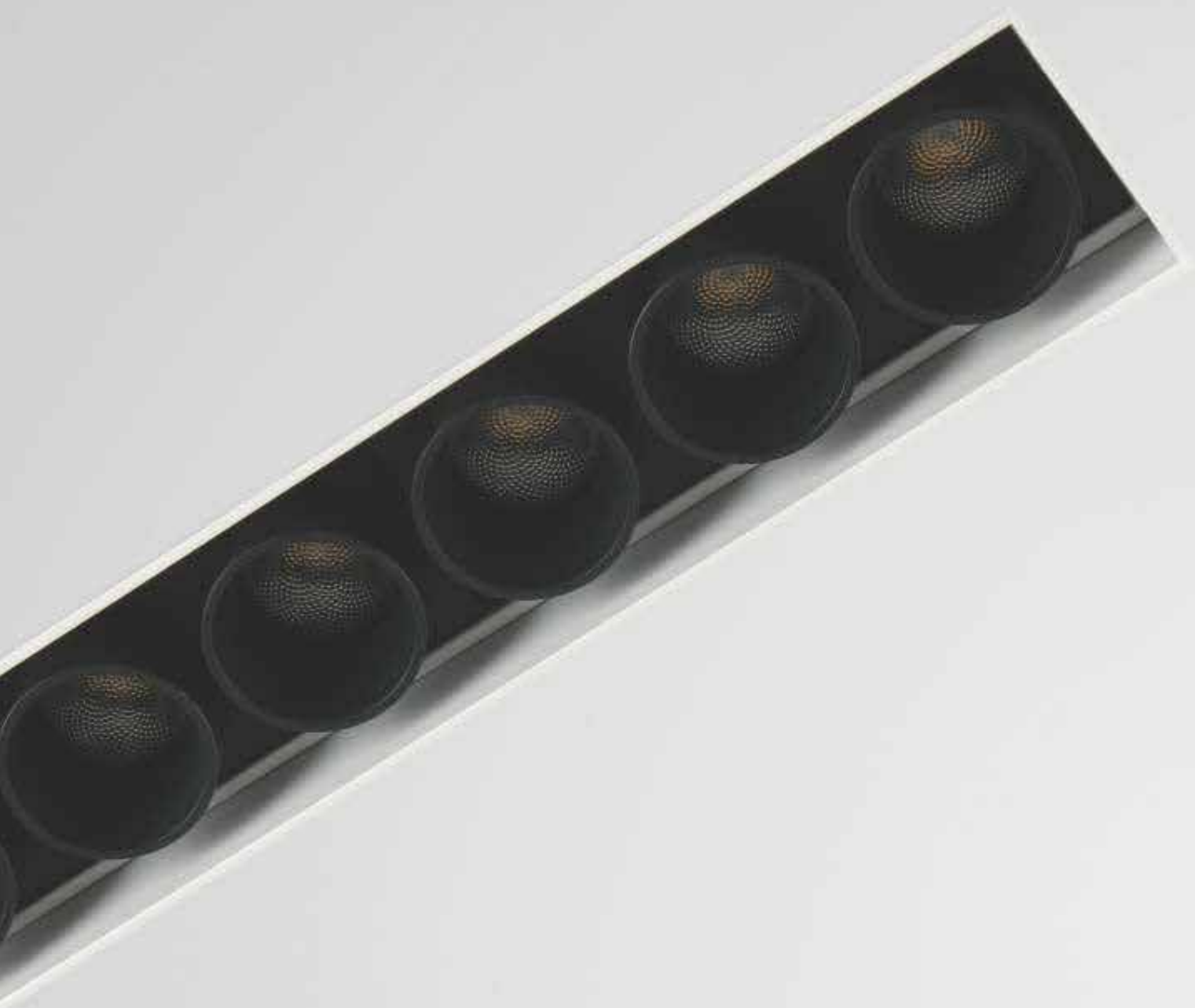
UGR<10

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D332-1							
3W	3000K	126	90	42lm/W	500	3	16°/24°/32°
3W	4000K	159	90	53lm/W	500	3	16°/24°/32°
3W	5000K	195	90	65lm/W	500	3	16°/24°/32°
PL-D332-2							
5W	3000K	290	90	58lm/W	600	6	16°/24°/32°
5W	4000K	330	90	66lm/W	600	6	16°/24°/32°
5W	5000K	350	90	70lm/W	600	6	16°/24°/32°
PL-D332-4							
10W	3000K	630	90	63lm/W	700	12	16°/24°/35°
10W	4000K	720	90	72lm/W	700	12	16°/24°/35°
10W	5000K	770	90	77lm/W	700	12	16°/24°/35°
PL-D332-6							
15W	3000K	950	90	63lm/W	700	18	16°/24°/35°
15W	4000K	1080	90	72lm/W	700	18	16°/24°/35°
15W	5000K	1215	90	81lm/W	700	18	16°/24°/35°
PL-D332-9							
20W	3000K	1420	90	71lm/W	700	27	16°/24°/35°
20W	4000K	1640	90	82lm/W	700	27	16°/24°/35°
20W	5000K	1840	90	92lm/W	700	27	16°/24°/35°





EYELED SPOTLIGHT - SMALL

Trimless

These lights are long in length and are installed as either suspended from a ceiling, surface mounted to a wall or ceiling or recessed into a wall or ceiling.

Linear lighting has become increasingly popular due to its flexibility, excellent performance and aesthetic appeal.

Flexibility – linear lighting can be mounted into almost any ceiling type.

You can get surface mounted, suspended, recessed and grid ceiling mounted.



A&C TRIMLESS



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

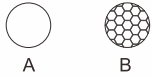
Non-Dim / Dimming /Tunable
On Request

Finish color

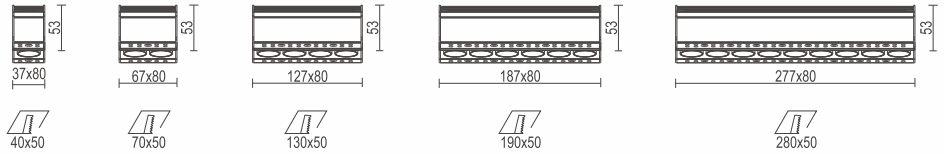


UGR<10

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D336-1							
3W	3000K	126	90	42lm/W	500	3	16°/24°/32°
3W	4000K	159	90	53lm/W	500	3	16°/24°/32°
3W	5000K	195	90	65lm/W	500	3	16°/24°/32°
PL-D336-2							
5W	3000K	290	90	58lm/W	600	6	16°/24°/32°
5W	4000K	330	90	66lm/W	600	6	16°/24°/32°
5W	5000K	350	90	70lm/W	600	6	16°/24°/32°
PL-D336-4							
10W	3000K	630	90	63lm/W	700	12	16°/24°/35°
10W	4000K	720	90	72lm/W	700	12	16°/24°/35°
10W	5000K	770	90	77lm/W	700	12	16°/24°/35°
PL-D336-6							
15W	3000K	950	90	63lm/W	700	18	16°/24°/35°
15W	4000K	1080	90	72lm/W	700	18	16°/24°/35°
15W	5000K	1215	90	81lm/W	700	18	16°/24°/35°
PL-D336-9							
20W	3000K	1420	90	71lm/W	700	27	16°/24°/35°
20W	4000K	1640	90	82lm/W	700	27	16°/24°/35°
20W	5000K	1840	90	92lm/W	700	27	16°/24°/35°





Applications: museums, Hotel,
exhibitions, sales areas and promotional areas, etc.

A&C-SQUARE



PL-D335-9



PL-D335-4

Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

-  
Black White

UGR<10

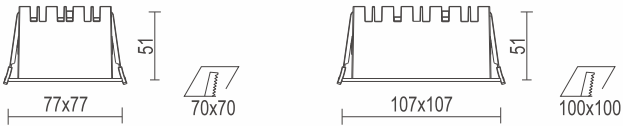
Optical Accessories

-  
A B

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D335-4							
10W	3000K	710	90	71lm/W	700	12	16°/24°/38°
10W	4000K	770	90	77lm/W	700	12	16°/24°/38°
10W	5000K	780	90	78lm/W	700	12	16°/24°/38°
PL-D335-9							
20W	3000K	1460	90	73lm/W	700	27	16°/24°/38°
20W	4000K	1540	90	77lm/W	700	27	16°/24°/38°
20W	5000K	1700	90	85lm/W	700	27	16°/24°/38°



High efficiency
A++ A++ A++
IP20 |  |  | 



Applications: museums, Hotel, exhibitions, sales areas and promotional areas, etc.



A&C-SQUARE TRIMLESS



PL-D335S-9



PL-D335S-4

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

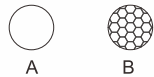
Non-Dim / Dimming /Tunable
On Request

Finish color

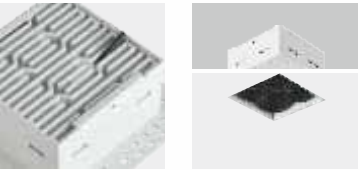


UGR<10

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D335S-4							
10W	3000K	710	90	71lm/W	700	12	16°/24°/38°
10W	4000K	770	90	77lm/W	700	12	16°/24°/38°
10W	5000K	780	90	78lm/W	700	12	16°/24°/38°
PL-D335S-9							
20W	3000K	1460	90	73lm/W	700	27	16°/24°/38°
20W	4000K	1540	90	77lm/W	700	27	16°/24°/38°
20W	5000K	1700	90	85lm/W	700	27	16°/24°/38°



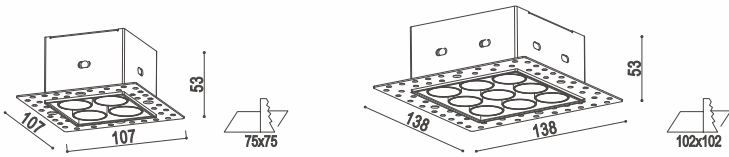
High efficiency
Aurum-Matrix

IP20

House icon

Triangle icon

CE





Applications: museums, Hotel, exhibitions, sales areas and promotional areas, etc.

A&C-SURFACE



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

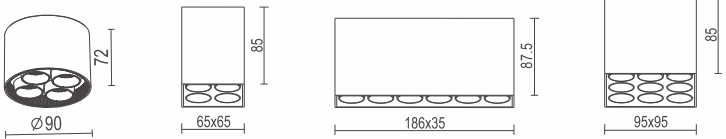


UGR<10

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-C400-4							
10W	3000K	710	90	71lm/W	700	12	16°/24°/38°
10W	4000K	770	90	77lm/W	700	12	16°/24°/38°
10W	5000K	780	90	78lm/W	700	12	16°/24°/38°
PL-D333-4							
10W	3000K	710	90	71lm/W	700	12	16°/24°/38°
10W	4000K	770	90	77lm/W	700	12	16°/24°/38°
10W	5000K	780	90	78lm/W	700	12	16°/24°/38°
PL-D333-6							
15W	3000K	950	90	63lm/W	700	18	16°/24°/35°
15W	4000K	1080	90	72lm/W	700	18	16°/24°/35°
15W	5000K	1215	90	81lm/W	700	18	16°/24°/35°
PL-D333-9							
20W	3000K	1460	90	73lm/W	700	27	16°/24°/38°
20W	4000K	1540	90	77lm/W	700	27	16°/24°/38°
20W	5000K	1700	90	85lm/W	700	27	16°/24°/38°





A&C PRO-DEEP



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

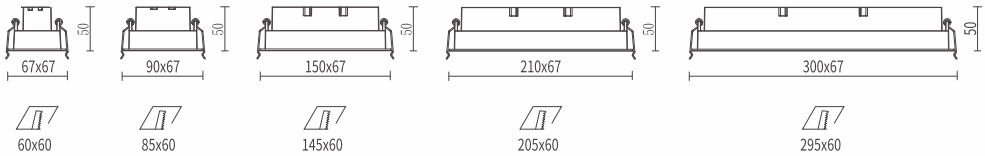


UGR<10

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D681-SMD1							
3W	3000K	162	90	54lm/W	500	3	30°/50°
3W	4000K	174	90	58lm/W	500	3	30°/50°
3W	5000K	180	90	60lm/W	500	3	30°/50°
PL-D681-SMD2							
5W	3000K	275	90	55lm/W	600	6	25°/45°
5W	4000K	295	90	59lm/W	600	6	25°/45°
5W	5000K	310	90	62lm/W	600	6	25°/45°
PL-D681-SMD4							
10W	3000K	600	90	60lm/W	700	12	25°/45°
10W	4000K	660	90	66lm/W	700	12	25°/45°
10W	5000K	680	90	68lm/W	700	12	25°/45°
PL-D681-SMD6							
15W	3000K	975	90	65lm/W	700	18	30°/50°
15W	4000K	1050	90	70lm/W	700	18	30°/50°
15W	5000K	1065	90	71lm/W	700	18	30°/50°
PL-D681-SMD9							
20W	3000K	1360	90	68lm/W	700	27	30°/50°
20W	4000K	1420	90	71lm/W	700	27	30°/50°
20W	5000K	1460	90	73lm/W	700	27	30°/50°





LINEAR DARK LIGHT-Recessed

These lights are long in length and are installed as either suspended from a ceiling, surface mounted to a wall or ceiling or recessed into a wall or ceiling.

Linear lighting has become increasingly popular due to its flexibility, excellent performance and aesthetic appeal.

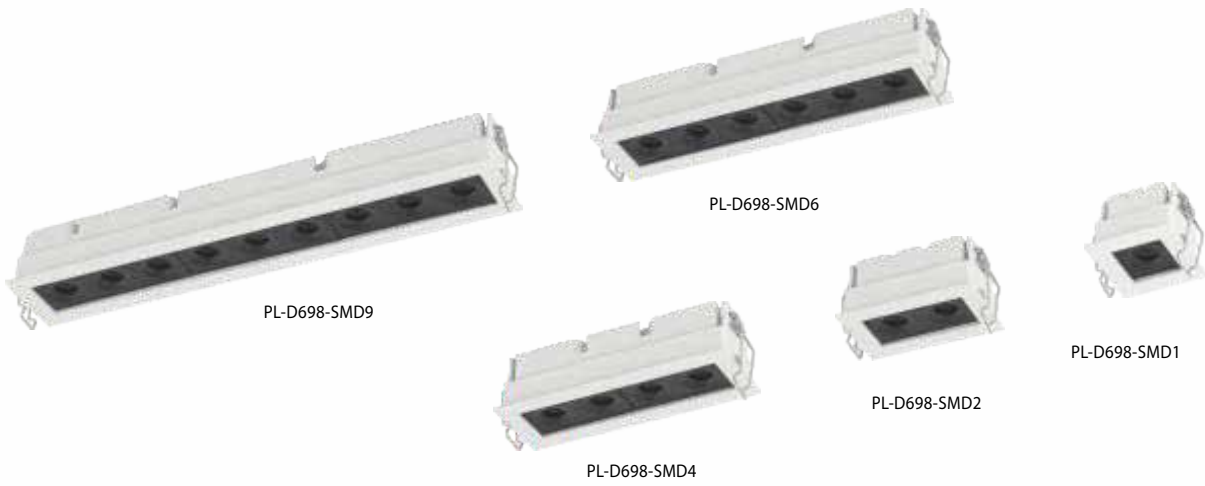
Flexibility – linear lighting can be mounted into almost any ceiling type.

You can get surface mounted, suspended, recessed and grid ceiling mounted.





A&C PRO-FLAT



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

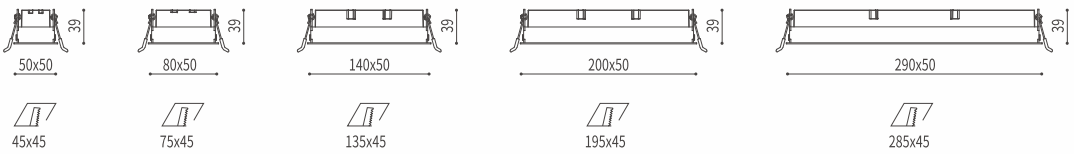


UGR<10

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D698-SMD1							
3W	3000K	162	90	54lm/W	500	3	30°/50°
3W	4000K	174	90	58lm/W	500	3	30°/50°
3W	5000K	180	90	60lm/W	500	3	30°/50°
PL-D698-SMD2							
5W	3000K	275	90	55lm/W	600	6	25°/45°
5W	4000K	295	90	59lm/W	600	6	25°/45°
5W	5000K	310	90	62lm/W	600	6	25°/45°
PL-D698-SMD4							
10W	3000K	600	90	60lm/W	700	12	25°/45°
10W	4000K	660	90	66lm/W	700	12	25°/45°
10W	5000K	680	90	68lm/W	700	12	25°/45°
PL-D698-SMD6							
15W	3000K	975	90	65lm/W	700	18	30°/50°
15W	4000K	1050	90	70lm/W	700	18	30°/50°
15W	5000K	1065	90	71lm/W	700	18	30°/50°
PL-D698-SMD9							
20W	3000K	1360	90	68lm/W	700	27	30°/50°
20W	4000K	1420	90	71lm/W	700	27	30°/50°
20W	5000K	1460	90	73lm/W	700	27	30°/50°





A&C PRO-TRIMLESS



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

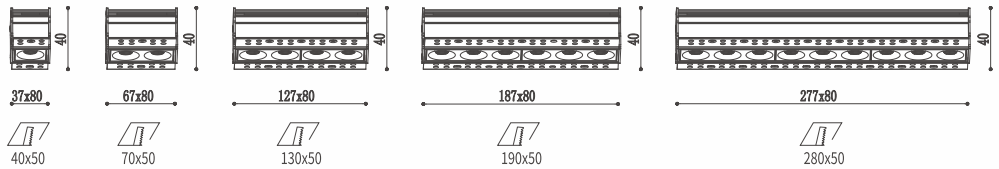


UGR<10

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D684-SMD1							
3W	3000K	162	90	54lm/W	500	3	30°/50°
3W	4000K	174	90	58lm/W	500	3	30°/50°
3W	5000K	180	90	60lm/W	500	3	30°/50°
PL-D684-SMD2							
5W	3000K	275	90	55lm/W	600	6	25°/45°
5W	4000K	295	90	59lm/W	600	6	25°/45°
5W	5000K	310	90	62lm/W	600	6	25°/45°
PL-D684-SMD4							
10W	3000K	600	90	60lm/W	700	12	25°/45°
10W	4000K	660	90	66lm/W	700	12	25°/45°
10W	5000K	680	90	68lm/W	700	12	25°/45°
PL-D684-SMD6							
15W	3000K	975	90	65lm/W	700	18	30°/50°
15W	4000K	1050	90	70lm/W	700	18	30°/50°
15W	5000K	1065	90	71lm/W	700	18	30°/50°
PL-D684-SMD9							
20W	3000K	1360	90	68lm/W	700	27	30°/50°
20W	4000K	1420	90	71lm/W	700	27	30°/50°
20W	5000K	1460	90	73lm/W	700	27	30°/50°





A&C PRO-SQUARE



PL-D683-SMD9



PL-D683-SMD4

Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

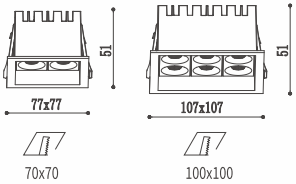


UGR<10

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D683-SMD4							
10W	3000K	580	90	58lm/W	700	12	25°/45°
10W	4000K	630	90	63lm/W	700	12	25°/45°
10W	5000K	640	90	64lm/W	700	12	25°/45°
PL-D683-SMD9							
20W	3000K	1300	90	65lm/W	700	27	30°/50°
20W	4000K	1400	90	70lm/W	700	27	30°/50°
20W	5000K	1440	90	72lm/W	700	27	30°/50°



LINEAR DARK LIGHT-Surface

Provides light effect with extremely low glare and high color rendering, taking comfort to higher level, with compact dimensions but a very minimalist style presence in interior design.





A&C PRO-SURFACE



PL-D682-SMD6



PL-D682-SMD9



PL-D682-SMD4

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

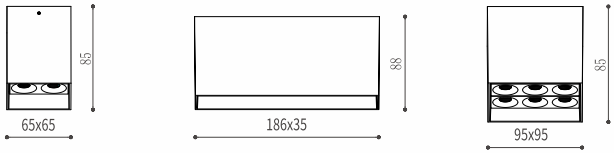
Non-Dim / Dimming /Tunable
On Request

Finish color



UGR<10

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D682-SMD4							
10W	3000K	580	90	58lm/W	700	12	25°/45°
10W	4000K	630	90	63lm/W	700	12	25°/45°
10W	5000K	640	90	64lm/W	700	12	25°/45°
PL-D682-SMD6							
15W	3000K	975	90	65lm/W	700	18	30°/50°
15W	4000K	1050	90	70lm/W	700	18	30°/50°
15W	5000K	1065	90	71lm/W	700	18	30°/50°
PL-D682-SMD9							
20W	3000K	1300	90	65lm/W	700	27	30°/50°
20W	4000K	1400	90	70lm/W	700	27	30°/50°
20W	5000K	1440	90	72lm/W	700	27	30°/50°



EYELED SPOTLIGHT - LARGE

Feature Lighting
Simple to adjust





EYELED SPOTLIGHT - LARGE

Applications: museums, Hotel,
exhibitions, sales areas and
promotional areas, etc

Applications: museums, Hotel,
exhibitions, sales areas and promotional areas, etc.



A&C PLUS-PULL TO TILT

PL-D331-COB4



PL-D331-COB4



PL-D331-COB3



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

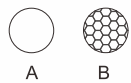
Finish color



Black White

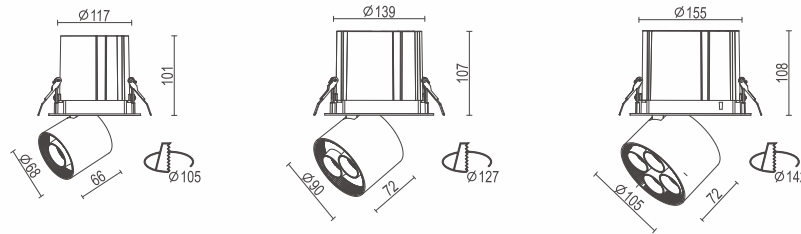
UGR<10

Optical Accessories



A B

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D331-COB3							
6W	3000K	420	90	70lm/W	150	36	16°/24°/40°/60°
6W	4000K	450	90	75lm/W	150	36	16°/24°/40°/60°
6W	5000K	456	90	76lm/W	150	36	16°/24°/40°/60°
PL-D331-COB4							
12W	3000K	864	90	72lm/W	300	36	16°/24°/40°/55°
12W	4000K	936	90	78lm/W	300	36	16°/24°/40°/55°
12W	5000K	948	90	79lm/W	300	36	16°/24°/40°/55°
PL-D331-COB4							
24W	3000K	1800	90	75lm/W	600	36	16°/24°/40°/55°
24W	4000K	1992	90	83lm/W	600	36	16°/24°/40°/55°
24W	5000K	2040	90	85lm/W	600	36	16°/24°/40°/55°





Applications: museums, Hotel, exhibitions, sales areas and promotional areas, etc.

A&C PLUS-SURFACE



PL-D704-SMD6



PL-D704-SMD5



PL-D704-SMD4

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



Black



White

UGR<10

Optical Accessories



A



B

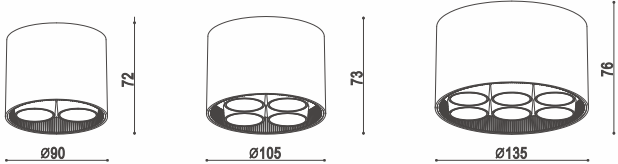
Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D704-SMD4							
12W	3000K	864	90	72lm/W	300	36	16°/24°/40°/55°
12W	4000K	936	90	78lm/W	300	36	16°/24°/40°/55°
12W	5000K	948	90	79lm/W	300	36	16°/24°/40°/55°

PL-D704-SMD5							
24W	3000K	1800	90	75lm/W	600	36	16°/24°/40°/55°
24W	4000K	1992	90	83lm/W	600	36	16°/24°/40°/55°
24W	5000K	2040	90	85lm/W	600	36	16°/24°/40°/55°

PL-D704-SMD6							
35W	3000K	2765	90	79lm/W	850	36	16°/24°/40°/55°
35W	4000K	2975	90	85lm/W	850	36	16°/24°/40°/55°
35W	5000K	3045	90	87lm/W	850	36	16°/24°/40°/55°

High efficiency
Aurix-Matrix

IP20





A&C PLUS-ADJUSTABLE



PL-D459-SMD4



PL-D459-COB4



PL-D459-COB3

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

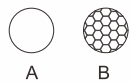
Non-Dim / Dimming /Tunable
On Request

Finish color

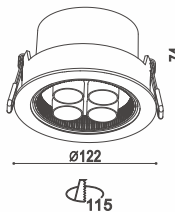
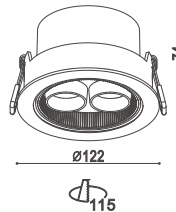
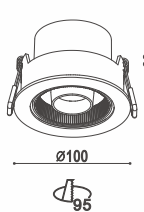
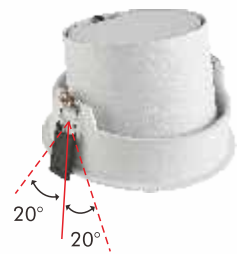


UGR<10

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D459-COB3							
6W	3000K	420	90	70lm/W	150	36	16°/24°/40°/60°
6W	4000K	450	90	75lm/W	150	36	16°/24°/40°/60°
6W	5000K	456	90	76lm/W	150	36	16°/24°/40°/60°
PL-D459-COB4							
12W	3000K	864	90	72lm/W	300	36	16°/24°/40°/55°
12W	4000K	936	90	78lm/W	300	36	16°/24°/40°/55°
12W	5000K	948	90	79lm/W	300	36	16°/24°/40°/55°
PL-D459-SMD4							
10W	3000K	710	90	71lm/W	700	12	16°/24°/38°
10W	4000K	770	90	77lm/W	700	12	16°/24°/38°
10W	5000K	780	90	78lm/W	700	12	16°/24°/38°





Applications: museums, Hotel,
exhibitions, sales areas and promotional areas, etc.

A&C PLUS-TRIMLESS



PL-D485-SMD4



PL-D485-COB4



PL-D485-COB3

Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

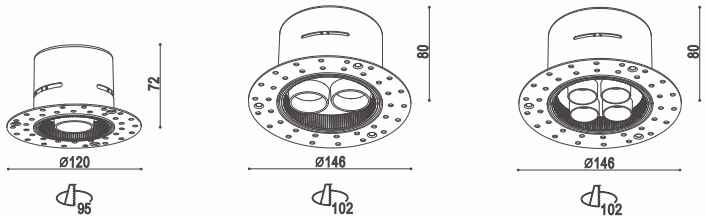


UGR<10

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D485-COB3							
6W	3000K	420	90	70lm/W	150	36	16°/24°/40°/60°
6W	4000K	450	90	75lm/W	150	36	16°/24°/40°/60°
6W	5000K	456	90	76lm/W	150	36	16°/24°/40°/60°
PL-D485-SMD4							
12W	3000K	864	90	72lm/W	300	36	16°/24°/40°/55°
12W	4000K	936	90	78lm/W	300	36	16°/24°/40°/55°
12W	5000K	948	90	79lm/W	300	36	16°/24°/40°/55°
PL-D485-SMD4							
10W	3000K	710	90	71lm/W	700	12	16°/24°/38°
10W	4000K	770	90	77lm/W	700	12	16°/24°/38°
10W	5000K	780	90	78lm/W	700	12	16°/24°/38°



EYELED SPOTLIGHT - LARGE TRACK

The effect achieved highlights a project in one space, and
Successfully attracting the observer's attention, defined as
The hierarchical structure between objects.





A&C PLUS-TRACK



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

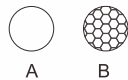
Non-Dim / Dimming /Tunable
On Request

Finish color

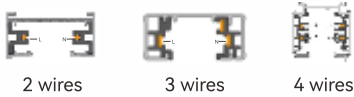


UGR<10

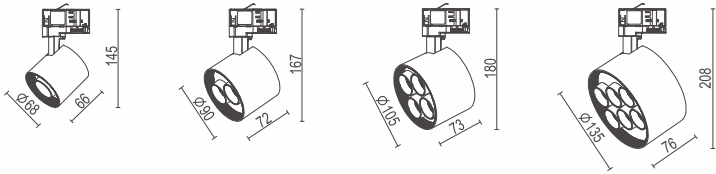
Optical Accessories



Track Adapter



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-T367-COB3							
6W	3000K	420	90	70lm/W	150	36	16°/24°/40°/60°
6W	4000K	450	90	75lm/W	150	36	16°/24°/40°/60°
6W	5000K	456	90	76lm/W	150	36	16°/24°/40°/60°
PL-T367-COB4							
12W	3000K	864	90	72lm/W	300	36	16°/24°/40°/55°
12W	4000K	936	90	78lm/W	300	36	16°/24°/40°/55°
12W	5000K	948	90	79lm/W	300	36	16°/24°/40°/55°
PL-T367-COB5							
24W	3000K	1800	90	75lm/W	600	36	16°/24°/40°/55°
24W	4000K	1992	90	83lm/W	600	36	16°/24°/40°/55°
24W	5000K	2040	90	85lm/W	600	36	16°/24°/40°/55°
PL-T367-COB6							
35W	3000K	2765	90	79lm/W	850	36	16°/24°/40°/55°
35W	4000K	2975	90	85lm/W	850	36	16°/24°/40°/55°
35W	5000K	3045	90	87lm/W	850	36	16°/24°/40°/55°



MINI SPOTLIGHT

Small in size but brings you high power output
Offers visual comfort by extremely low UGR
High IP makes it applicable to both bedroom and bathroom
Module concept provides different ring options with one luminaire





ASTER

IP54



Product Quality Assurance and Service Life

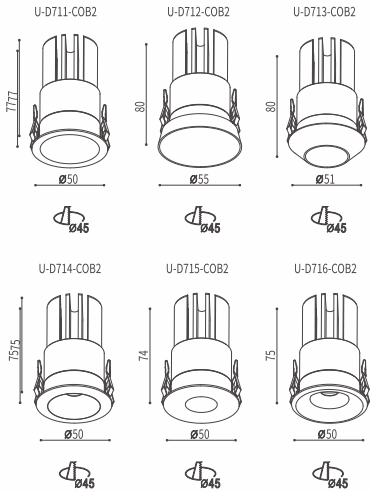
- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



UGR<3



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D711-COB2							
10W	3000K	550	90	55lm/W	250	36	30°
10W	4000K	600	90	60lm/W	250	36	30°
10W	5000K	620	90	62lm/W	250	36	30°
PL-D712-COB2							
10W	3000K	550	90	55lm/W	250	36	30°
10W	4000K	600	90	60lm/W	250	36	30°
10W	5000K	620	90	62lm/W	250	36	30°
PL-D713-COB2							
10W	3000K	550	90	55lm/W	250	36	30°
10W	4000K	600	90	60lm/W	250	36	30°
10W	5000K	620	90	62lm/W	250	36	30°
PL-D714-COB2							
10W	3000K	430	90	43lm/W	250	36	30°
10W	4000K	470	90	47lm/W	250	36	30°
10W	5000K	490	90	49lm/W	250	36	30°
PL-D715-COB2							
10W	3000K	430	90	43lm/W	250	36	30°
10W	4000K	470	90	47lm/W	250	36	30°
10W	5000K	490	90	49lm/W	250	36	30°
PL-D716-COB2							
10W	3000K	430	90	43lm/W	250	36	30°
10W	4000K	470	90	47lm/W	250	36	30°
10W	5000K	490	90	49lm/W	250	36	30°





ASTER-TRIMLESS

IP54



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



Black White

UGR<3

Optical Accessories



B

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D491-COB2							
10W	3000K	430	90	43lm/W	250	36	30°/45°
10W	4000K	470	90	47lm/W	250	36	30°/45°
10W	5000K	490	90	49lm/W	250	36	30°/45°



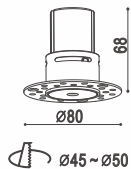
High efficiency
Aqua Mirror

IP54

House icon

Triangle icon

CE





COMFORT

IP54



PL-D685-COB2

PL-D686-COB2

PL-D688-COB2

PL-D687-COB2



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable On Request

Finish color



Black



White

UGR<3

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D685-COB2							
15W	3000K	840	90	56lm/W	350	36	25°/38°
15W	4000K	915	90	61lm/W	350	36	25°/38°
15W	5000K	915	90	61lm/W	350	36	25°/38°
PL-D686-COB2							
15W	3000K	840	90	56lm/W	350	36	25°/38°
15W	4000K	915	90	61lm/W	350	36	25°/38°
15W	5000K	915	90	61lm/W	350	36	25°/38°
PL-D688-COB2							
15W	3000K	840	90	56lm/W	350	36	25°/38°
15W	4000K	915	90	61lm/W	350	36	25°/38°
15W	5000K	915	90	61lm/W	350	36	25°/38°
PL-D687-COB2							
15W	3000K	840	90	56lm/W	350	36	25°/38°
15W	4000K	915	90	61lm/W	350	36	25°/38°
15W	5000K	915	90	61lm/W	350	36	25°/38°



High efficiency Alum-Matrix IP54



PL-D685-COB2



PL-D686-COB2



PL-D688-COB2



PL-D687-COB2



COMFORT - TRIMLESS

 IP54



PL-D689-COB2-2

PL-D689-COB2

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



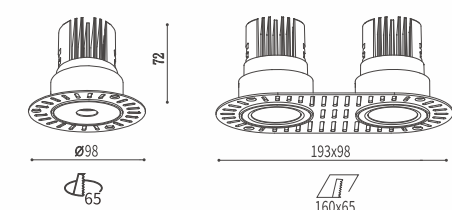
Black White

UGR<6

Optical Accessories



B



DOWNLIGHT

High IP & Complete Wattage Range make it cover multiple applications, including from residential bedrooms to hotel halls or shopping malls, from indoor to eaves, etc.



IP65





IP65
Waterproof grade

DEEP-FOCUS

 IP65



PL-D535-COB6



PL-D535-COB4



PL-D535-COB3.5



PL-D535-COB3

Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



Black



White

UGR<10

Optical Accessories



A

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D535-COB3							
8W	3000K	480	90	60lm/W	200	36	20°/25°/36°/45°
8W	4000K	528	90	66lm/W	200	36	20°/25°/36°/45°
8W	5000K	600	90	75lm/W	200	36	20°/25°/36°/45°

PL-D535-COB3.5							
10W	3000K	600	90	60lm/W	250	36	20°/30°/45°
10W	4000K	750	90	75lm/W	250	36	20°/30°/45°
10W	5000K	760	90	76lm/W	250	36	20°/30°/45°

PL-D535-COB4							
15W	3000K	1050	90	70lm/W	350	36	20°/25°/45°
15W	4000K	1260	90	84lm/W	350	36	20°/25°/45°
15W	5000K	1275	90	85lm/W	350	36	20°/25°/45°

PL-D535-COB6							
20W	3000K	1720	90	86lm/W	600	36	20°/30°/50°
20W	4000K	1800	90	90lm/W	600	36	20°/30°/50°
20W	5000K	1960	90	98lm/W	600	36	20°/30°/50°



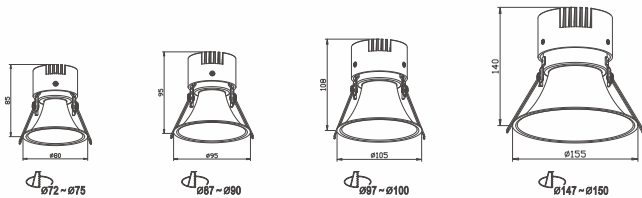
High efficiency
Alarm-Matrix

IP65











NOVA

IP65



PL-D625-COB5



PL-D625-COB4



PL-D625-COB3.5



PL-D625-COB3

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



UGR<19

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D625-COB3							
7W	3000K	532	90	76lm/W	180	36	15°/30°/45°
7W	4000K	560	90	80lm/W	180	36	15°/30°/45°
7W	5000K	567	90	81lm/W	180	36	15°/30°/45°
PL-D625-COB3.5							
10W	3000K	740	90	74lm/W	250	36	20°/30°/45°
10W	4000K	770	90	77lm/W	250	36	20°/30°/45°
10W	5000K	780	90	78lm/W	250	36	20°/30°/45°
PL-D625-COB4							
15W	3000K	1065	90	71lm/W	350	36	20°/25°/45°
15W	4000K	1125	90	75lm/W	350	36	20°/25°/45°
15W	5000K	1140	90	76lm/W	350	36	20°/25°/45°
PL-D625-COB5							
20W	3000K	1580	90	79lm/W	500	36	20°/30°/50°
20W	4000K	1680	90	84lm/W	500	36	20°/30°/50°
20W	5000K	1700	90	85lm/W	500	36	20°/30°/50°



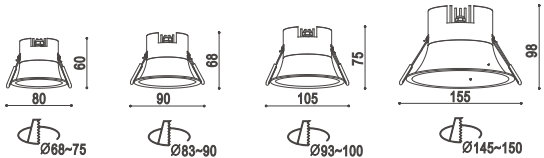
High efficiency
Alarm-Alarm

IP65

House icon

Energy efficiency icon

CE





DECOR



PL-D402-COB4



PL-D402-COB2



PL-D402-COB1

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

- 
Black
- 
White

UGR<12

LED Chip

- 

Non-dim CCT
Dim-To-Warm
Tunable White



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D402-COB1							
6W	3000K	504	90	84lm/W	150	36	20°/25°/35°
6W	4000K	510	90	85lm/W	150	36	20°/25°/35°
6W	5000K	540	90	90lm/W	150	36	20°/25°/35°

PL-D402-COB2							
10W	3000K	770	90	77lm/W	250	36	15°/25°/35°/52°
10W	4000K	830	90	83lm/W	250	36	15°/25°/35°/52°
10W	5000K	840	90	84lm/W	250	36	15°/25°/35°/52°

PL-D402-COB4							
15W	3000K	1125	90	75lm/W	350	36	15°/25°/35°/52°
15W	4000K	1200	90	80lm/W	350	36	15°/25°/35°/52°
15W	5000K	1215	90	81lm/W	350	36	15°/25°/35°/52°

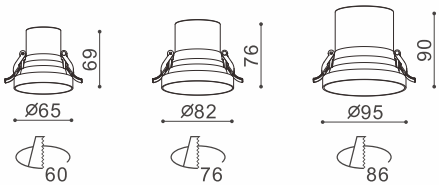
High efficiency
Aurum-Mirror

IP20

House icon

Energy efficiency icon

CE



Applications: museums, Hotel, exhibitions, sales areas and promotional areas, etc.



DARK



PL-D425-COB5



PL-D425-COB4



PL-D425-COB3



PL-D319-COB4



PL-D319-COB3

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable On Request

Finish color

- Black
- White

UGR<10

LED Chip

-
- Non-dim CCT

Dim-To-Warm

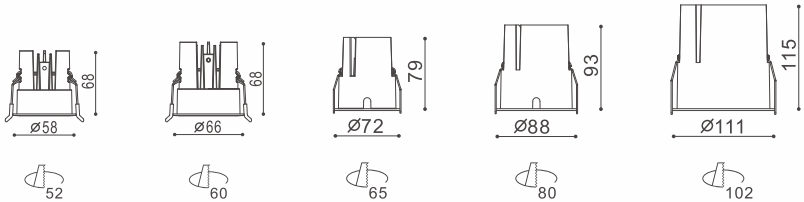
Tunable White

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D319-COB3							
8W	3000K	536	90	67lm/W	200	36	25°/32°/45°
8W	4000K	592	90	74lm/W	200	36	25°/32°/45°
8W	5000K	608	90	76lm/W	200	36	25°/32°/45°
PL-D319-COB4							
12W	3000K	780	90	65lm/W	300	36	32°/45°/50°
12W	4000K	852	90	71lm/W	300	36	32°/45°/50°
12W	5000K	876	90	73lm/W	300	36	32°/45°/50°
PL-D425-COB3							
15W	3000K	945	90	63lm/W	350	36	25°/30°/45°
15W	4000K	1050	90	70lm/W	350	36	25°/30°/45°
15W	5000K	1170	90	78lm/W	350	36	25°/30°/45°
PL-D425-COB4							
25W	3000K	1575	90	63lm/W	600	36	27°/32°/40°
25W	4000K	1775	90	71lm/W	600	36	27°/32°/40°
25W	5000K	1825	90	73lm/W	600	36	27°/32°/40°
PL-D425-COB5							
35W	3000K	2695	90	77lm/W	850	36	20°/30°/38°
35W	4000K	2975	90	85lm/W	850	36	20°/30°/38°
35W	5000K	3010	90	86lm/W	850	36	20°/30°/38°



- High efficiency
Aurix-Matrix

IP20





DARK-TRIMLESS



PL-D118-COB3



PL-D118-COB2

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



Black White

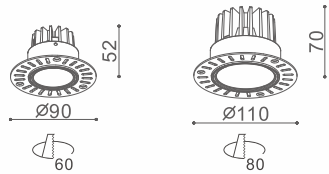
UGR<10

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D118-COB2							
8W	3000K	480	90	60lm/W	200	36	25°/35°/45°
8W	4000K	568	90	71lm/W	200	36	25°/35°/45°
8W	5000K	632	90	79lm/W	200	36	25°/35°/45°
PL-D118-COB3							
12W	3000K	840	90	70lm/W	300	36	24°/32°
12W	4000K	924	90	77lm/W	300	36	24°/32°
12W	5000K	948	90	79lm/W	300	36	24°/32°

LED Chip



Non-dim CCT
Dim-To-Warm
Tunable White



SMD DOWNLIGHT

Integrated convective heat dissipation structure and high IP make it a perfect choice for bathrooms in residential or hotels. wide range of wattages meet the demand for different usage of small to large room space.



IP44



IP54





Applications: museums, Hotel, exhibitions, sales areas and promotional areas, etc.

DEEP-WIDE

IP54



PL-D535-SMD8



PL-D535-SMD6



PL-D535-SMD4



PL-D535-SMD3.5



PL-D535-SMD3

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable On Request

Finish color



Black



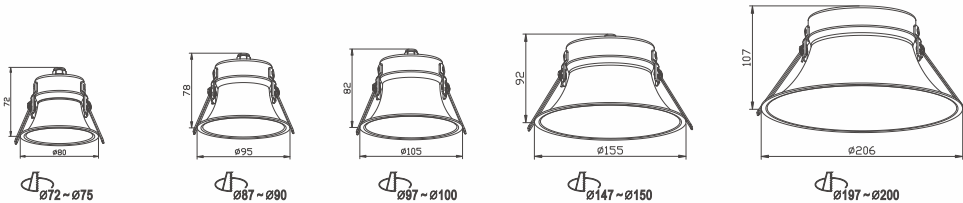
White

UGR<19



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D535-SMD3							
8W	3000K	464	90	58lm/W	200	36	100°
8W	4000K	512	90	64lm/W	200	36	100°
8W	5000K	520	90	65lm/W	200	36	100°
PL-D535-SMD3.5							
10W	3000K	580	90	58lm/W	250	36	100°
10W	4000K	640	90	64lm/W	250	36	100°
10W	5000K	650	90	65lm/W	250	36	100°
PL-D535-SMD4							
12W	3000K	780	90	65lm/W	300	36	100°
12W	4000K	864	90	72lm/W	300	36	100°
12W	5000K	888	90	74lm/W	300	36	100°
PL-D535-SMD6							
16W	3000K	1248	90	78lm/W	400	36	100°
16W	4000K	1376	90	86lm/W	400	36	100°
16W	5000K	1408	90	88lm/W	400	36	100°
PL-D535-SMD8							
24W	3000K	1968	90	82lm/W	600	36	100°
24W	4000K	2112	90	88lm/W	600	36	100°
24W	5000K	2160	90	90lm/W	600	36	100°

High efficiency A++ A++ A++ IP54





Applications: museums, Hotel, exhibitions, sales areas and promotional areas, etc.

LEUKOS-DEEP

IP44



PL-D151-SMD8



PL-D151-SMD6



PL-D151-SMD4



PL-D151-SMD2.5

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



Black White

UGR<16

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D151-SMD2.5							
7W	3000K	497	90	71lm/W	150	36	90°
7W	4000K	532	90	76lm/W	150	36	90°
7W	5000K	546	90	78lm/W	150	36	90°
PL-D151-SMD4							
10W	3000K	710	90	71lm/W	250	36	90°
10W	4000K	780	90	78lm/W	250	36	90°
10W	5000K	810	90	81lm/W	250	36	90°
PL-D151-SMD6							
16W	3000K	1328	90	83lm/W	400	36	100°
16W	4000K	1392	90	87lm/W	400	36	100°
16W	5000K	1424	90	89lm/W	400	36	100°
PL-D151-SMD8							
24W	3000K	2184	90	91lm/W	600	36	100°
24W	4000K	2280	90	95lm/W	600	36	100°
24W	5000K	2304	90	96lm/W	600	36	100°

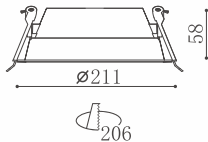
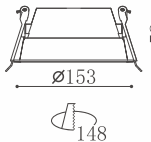
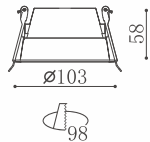
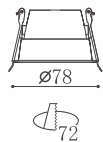
High efficiency
Aurum-Mirror

IP44

House icon

Triangle icon

CE





Applications: museums, Hotel, exhibitions, sales areas and promotional areas, etc.

LEUKOS-THIN

IP44



PL-D126-SMD8



PL-D126-SMD6



PL-D126-SMD4

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



Black



White

UGR<19

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D126-SMD4							
10W	3000K	830	90	83lm/W	250	36	100°
10W	4000K	860	90	86lm/W	250	36	100°
10W	5000K	880	90	88lm/W	250	36	100°
PL-D126-SMD6							
16W	3000K	1344	90	84lm/W	400	36	100°
16W	4000K	1392	90	87lm/W	400	36	100°
16W	5000K	1424	90	89lm/W	400	36	100°
PL-D126-SMD8							
24W	3000K	2160	90	90lm/W	600	36	100°
24W	4000K	2280	90	95lm/W	600	36	100°
24W	5000K	2328	90	97lm/W	600	36	100°

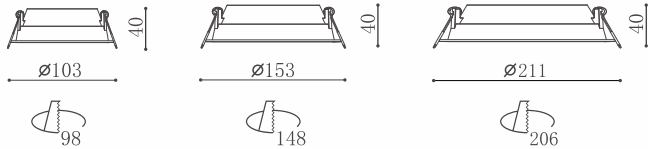
High efficiency
Aurum-Mirror

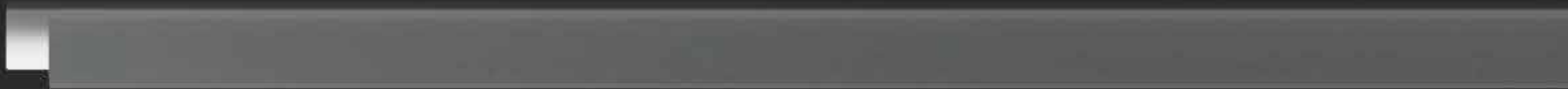
IP44

House icon

Triangle icon

CE





WALL WASHER

It is designed for even light distribution on vertical surfaces while providing an excellent wall wash on the floor.



FALLS



PL-D650-COB2-2



PL-D650-COB2



PL-D757-COB2-2



PL-D757-COB2

Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

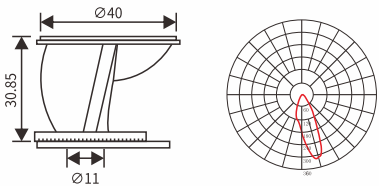
Finish color



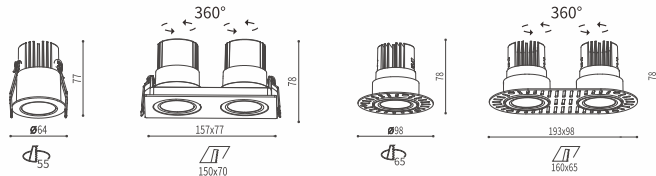
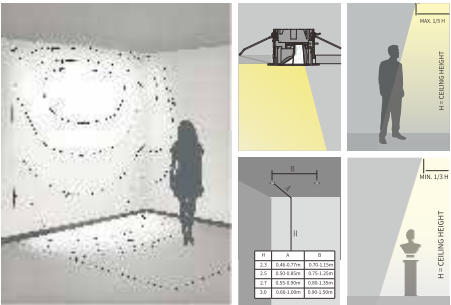
Black White

UGR<19

Optical Accessories



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D650-COB2 / PL-D650-COB2-2							
15W	3000K	1050	90	70lm/W	350	36	Asymmetric
15W	4000K	1155	90	77lm/W	350	36	Asymmetric
15W	5000K	1170	90	78lm/W	350	36	Asymmetric
PL-D650-COB2-2 / PL-D757-COB2-2							
2x15W	3000K	2100	90	70lm/W	2x350	36	Asymmetric
2x15W	4000K	2310	90	77lm/W	2x350	36	Asymmetric
2x15W	5000K	2340	90	78lm/W	2x350	36	Asymmetric





EDGE



PL-D651-SMD24



PL-D651-SMD12



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

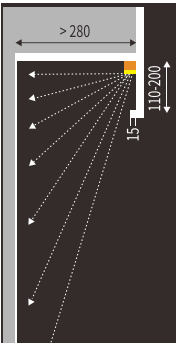
Non-Dim / Dimming /Tunable
On Request

Finish color

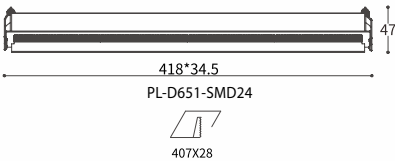
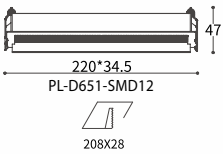
-  
Black White

UGR<19

Watt	CCT	Lm	CRI	Efficacy	LED Volt	Beam Angle
PL-D651-SMD12						
12W	3000K	960	90	80lm/W	24	28x36°/Asymmetric
12W	4000K	1020	90	85lm/W	24	28x36°/Asymmetric
12W	5000K	1032	90	86lm/W	24	28x36°/Asymmetric
PL-D651-SMD24						
24W	3000K	2040	90	85lm/W	24	28x36°/Asymmetric
24W	4000K	2184	90	91lm/W	24	28x36°/Asymmetric
24W	5000K	2208	90	92lm/W	24	28x36°/Asymmetric



High efficiency
A++ A++ A++
IP20 |  |  | 





EDGE-TRIMLESS



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

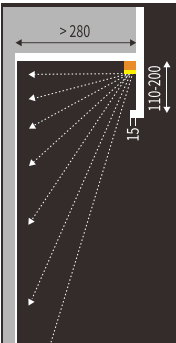
Non-Dim / Dimming /Tunable
On Request

Finish color

-  
Black White

UGR<19

Watt	CCT	Lm	CRI	Efficacy	LED Volt	Beam Angle
PL-D652-SMD12						
12W	3000K	960	90	80lm/W	24	28x36°/Asymmetric
12W	4000K	1020	90	85lm/W	24	28x36°/Asymmetric
12W	5000K	1032	90	86lm/W	24	28x36°/Asymmetric
PL-D652-SMD24						
24W	3000K	2040	90	85lm/W	24	28x36°/Asymmetric
24W	4000K	2184	90	91lm/W	24	28x36°/Asymmetric
24W	5000K	2208	90	92lm/W	24	28x36°/Asymmetric



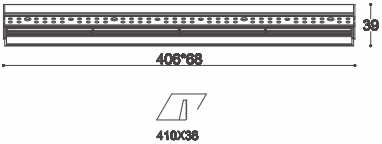
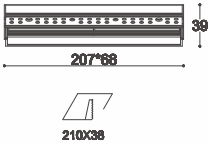
High efficiency
Warm-Minor

IP20





CE





WATERPROOF RATING **IP65**

Comes in both ceiling and wall-mounted versions and they are available in different sizes, more importantly, it has IP65.

With an anti-glare screen and a specifically designed micro-reflector, it is a discreet point in the ceiling that hides the illumination source from sight so as to achieve visual comfort.



CYLINDER-CEILING & AIR



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

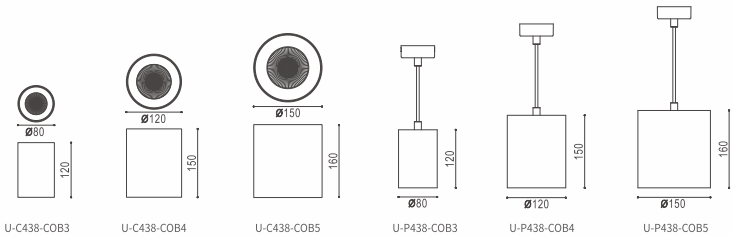
Non-Dim / Dimming /Tunable
On Request

Finish color



UGR<16

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-C438-COB3/PL-P438-COB3							
15W	3000K	975	90	65lm/W	350	36	25°/38°
15W	4000K	1080	90	72lm/W	350	36	25°/38°
15W	5000K	1080	90	72lm/W	350	36	25°/38°
PL-C438-COB4/PL-P438-COB4							
25W	3000K	1700	90	68lm/W	650	36	24°/38°
25W	4000K	1850	90	74lm/W	650	36	24°/38°
25W	5000K	1900	90	76lm/W	650	36	24°/38°
PL-C438-COB5/PL-P438-COB5							
40W	3000K	2920	90	73lm/W	1000	36	24°/35°
40W	4000K	3120	90	78lm/W	1000	36	24°/35°
40W	5000K	3240	90	81lm/W	1000	36	24°/35°





CYLINDER-WALL-DOWN



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

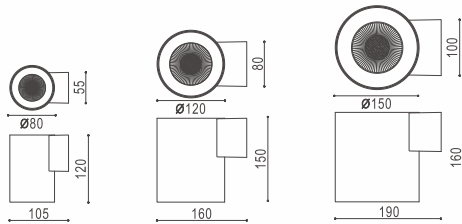
Non-Dim / Dimming /Tunable
On Request

Finish color



UGR<16

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-W438-COB3-1							
15W	3000K	975	90	65lm/W	350	36	25°/38°
15W	4000K	1080	90	72lm/W	350	36	25°/38°
15W	5000K	1080	90	72lm/W	350	36	25°/38°
PL-W438-COB4-1							
25W	3000K	1700	90	68lm/W	650	36	24°/38°
25W	4000K	1850	90	74lm/W	650	36	24°/38°
25W	5000K	1900	90	76lm/W	650	36	24°/38°
PL-W438-COB5-1							
40W	3000K	2920	90	73lm/W	1000	36	24°/35°
40W	4000K	3120	90	78lm/W	1000	36	24°/35°
40W	5000K	3240	90	81lm/W	1000	36	24°/35°





CYLINDER-WALL



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

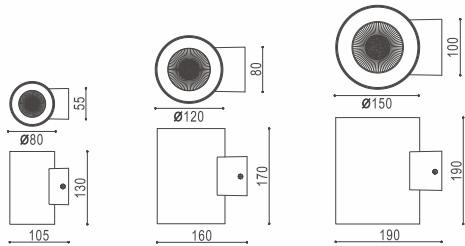
Non-Dim / Dimming /Tunable
On Request

Finish color



UGR<16

	Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-W438-COB3-2								
UP	10W	3000K	720	90	72lm/W		36	25°/38°
DOWN	10W	3000K	680	90	68lm/W	500	36	25°/38°
UP	10W	4000K	770	90	77lm/W		36	25°/38°
DOWN	10W	4000K	720	90	72lm/W	500	36	25°/38°
UP	10W	5000K	780	90	78lm/W		36	25°/38°
DOWN	10W	5000K	730	90	73lm/W	500	36	25°/38°
PL-W438-COB4-2								
UP	15W	3000K	1125	90	75lm/W		36	24°/38°
DOWN	15W	3000K	1065	90	71lm/W	700	36	24°/38°
UP	15W	4000K	1065	90	79lm/W		36	24°/38°
DOWN	15W	4000K	1140	90	76lm/W	700	36	24°/38°
UP	15W	5000K	1200	90	80lm/W		36	24°/38°
DOWN	15W	5000K	1155	90	77lm/W	700	36	24°/38°
PL-W438-COB5-2								
UP	25W	3000K	2000	90	80lm/W		36	24°/38°
DOWN	25W	3000K	1950	90	78lm/W	1200	36	24°/38°
UP	25W	4000K	2150	90	86lm/W		36	24°/38°
DOWN	25W	4000K	2075	90	83lm/W	1200	36	24°/38°
UP	25W	5000K	2175	90	87lm/W		36	24°/38°
DOWN	25W	5000K	2125	90	85lm/W	1200	36	24°/38°





MULTIPLE INSTALLATION

By Track / Recessed / Surface-Mounted / Suspension

One Body With Different Installation Kits
Do It Yourself



MODULE-SPOT

PL-T559-COB1/2/3/4 PL-T559-COB1/2/3/4-P PL-D559-COB1/2/3/4 PL-T559-COB1/2/3/4-P PL-C559-COB1/2/3/4 PL-C559-COB1/2/3/4-P



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable On Request

Finish color



LED Chip

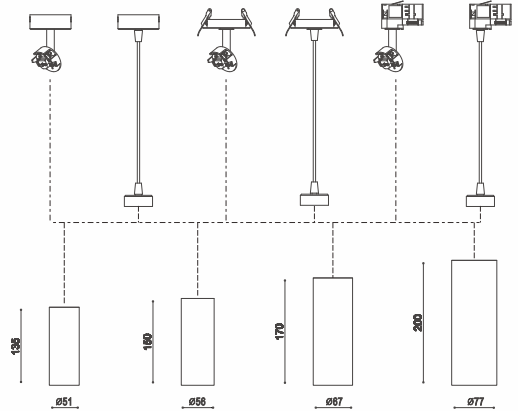


UGR<16

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-T559/D559/C559-COB1&COB1-P							
10W	3000K	810	90	81lm/W	250	36	20°/30°/45°
10W	4000K	890	90	89lm/W	250	36	20°/30°/45°
10W	5000K	910	90	91lm/W	250	36	20°/30°/45°
PL-T559/D559/C559-COB1&COB2-P							
15W	3000K	1230	90	82lm/W	350	36	20°/25°/50°
15W	4000K	1290	90	86lm/W	350	36	20°/25°/50°
15W	5000K	1320	90	88lm/W	350	36	20°/25°/50°
PL-T559/D559/C559-COB1&COB3-P							
20W	3000K	1580	90	79lm/W	500	36	20°/25°/50°
20W	4000K	1720	90	86lm/W	500	36	20°/25°/50°
20W	5000K	1740	90	87lm/W	500	36	20°/25°/50°
PL-T559/D559/C559-COB1&COB4-P							
30W	3000K	2400	90	80lm/W	700	36	20°/25°/50°
30W	4000K	2580	90	86lm/W	700	36	20°/25°/50°
30W	5000K	2640	90	88lm/W	700	36	20°/25°/50°



IP20





Zoom spotlights make your lighting task easier, and it sets small, medium and large accents.

ROTATE-ZOOM



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable On Request

Finish color

- Black
- White
- Golden

UGR<16

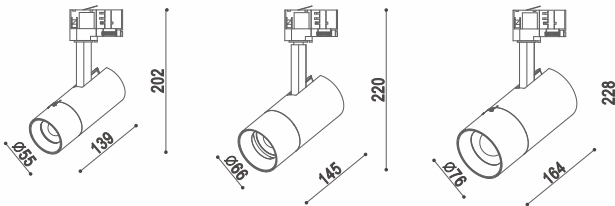
LED Chip

- Non-dim CCT
- Dim-To-Warm
- Tunable White

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-T558-COB2							
10W	3000K	680	90	68lm/W	250	36	20°-60°
10W	4000K	720	90	72lm/W	250	36	20°-60°
10W	5000K	730	90	73lm/W	250	36	20°-60°
PL-T558-COB3							
15W	3000K	1020	90	68lm/W	350	36	20°-60°
15W	4000K	1080	90	72lm/W	350	36	20°-60°
15W	5000K	1095	90	73lm/W	350	36	20°-60°
PL-T558-COB4							
20W	3000K	1560	90	78lm/W	500	36	20°-60°
20W	4000K	1640	90	82lm/W	500	36	20°-60°
20W	5000K	1680	90	84lm/W	500	36	20°-60°

Track Adapter

- 2 wires
- 3 wires
- 4 wires





Zoom spotlights make your lighting task easier, and it sets small, medium and large accents.

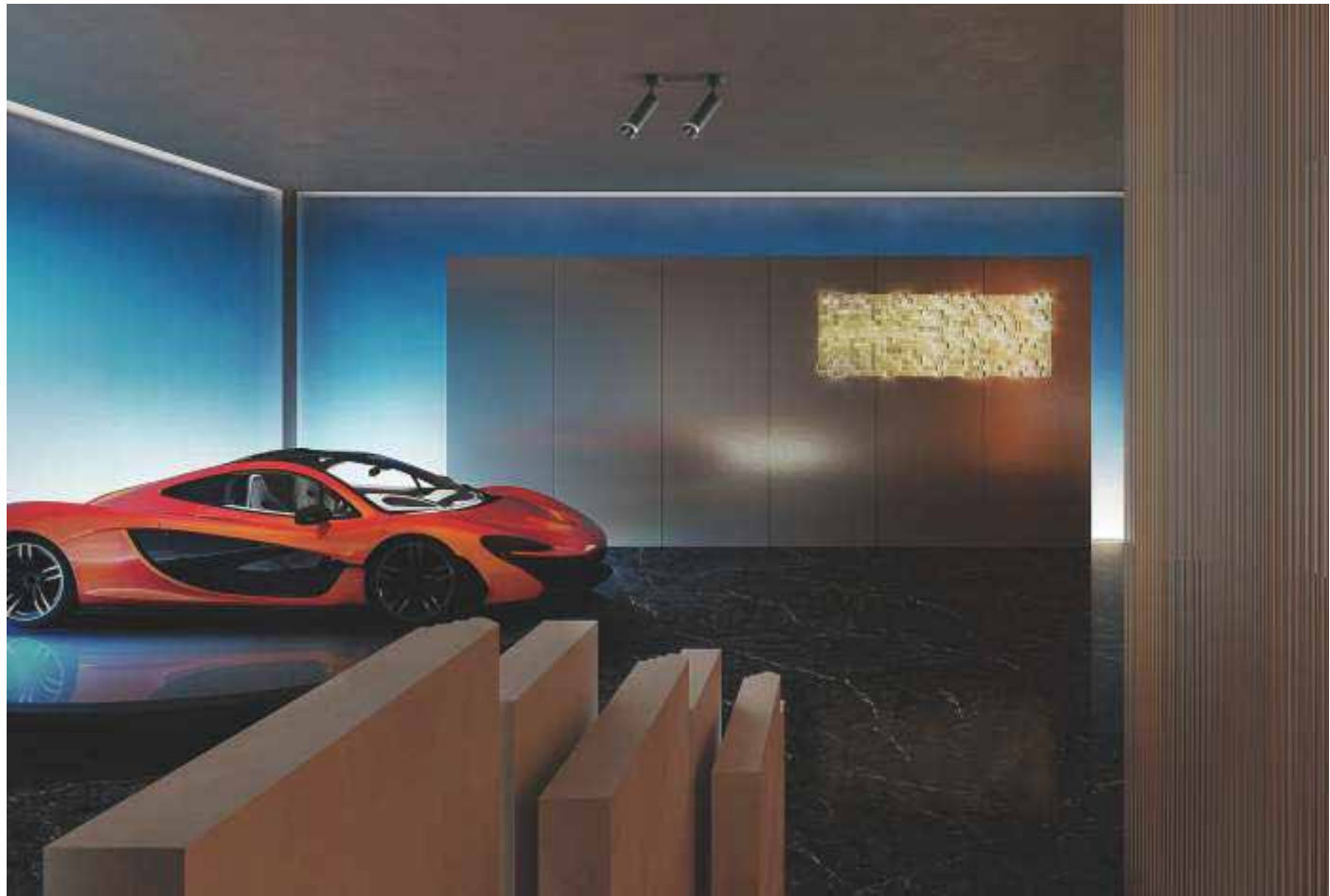
MULTIPLE INSTALLATION

By Track / Recessed / Surface-Mounted / Suspension



One Body With
Different Installation Kits
Do It Yourself





A completely new range of zoom spotlights is created, which is perfect for accent lighting and decorative elements. It is available in two sizes and three colour finishes.

The optic enables a continuously adjustable beam angle between 20° and 55°.

Easily adjustable and tilting.

Uses: Caffeas, Commercial spaces, Gallerys, Hotels, Indoors, Living spaces, Museums, Offices, Restaurants, Showrooms

MODULE-ZOOM



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

Black White Golden

LED Chip

Non-dim CCT
Dim-To-Warm
Tunable White

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-T520/D520/C520-COB1&COB1-P							
10W	3000K	760	90	76lm/W	250	36	20°-55°
10W	4000K	790	90	79lm/W	250	36	20°-55°
10W	5000K	810	90	81lm/W	250	36	20°-55°
PL-T520/D520/C520-COB2&COB2-P							
15W	3000K	945	90	65lm/W	350	36	20°-55°
15W	4000K	990	90	66lm/W	350	36	20°-55°
15W	5000K	1005	90	67lm/W	350	36	20°-55°

UGR<16

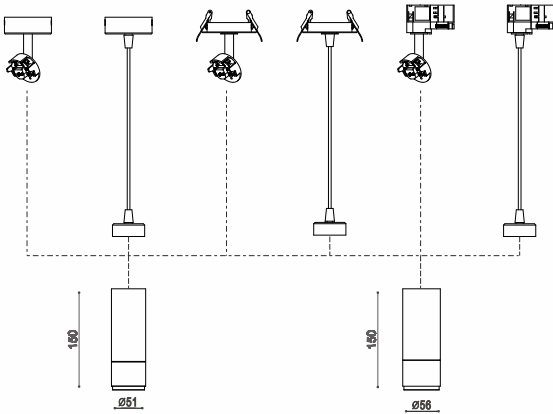
90°

355°

High
efficiency
Aqua-Matrix

IP20

CE



48V
MAGNETIC
TRACK SYSTEM

Multiple lighting modules for free combination.



MAGNETIC TRACK SYSTEM

48VDC Magnetic Track System is available as a suspended , surface-mounted and recessed trimless version. The suspended track provides the option of additional indirect light for ceiling illumination. and this system also offers the option of different linear modules include diffuser, grating, wallwash, in addition, spotlight and downlight also can be provided. These modules can be combined freely for different applications ;The track system is operated with 48VDC, each system module can be individually controled and dimmed.



48VDC Magnetic Track System

Multiple lighting modules for Free combination

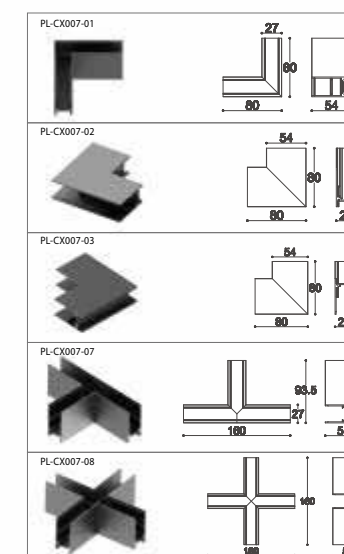
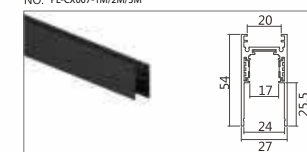
MAGNETIC TRACK SYSTEM

Super easy installation

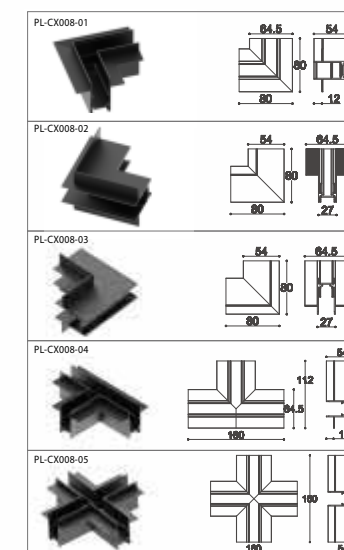
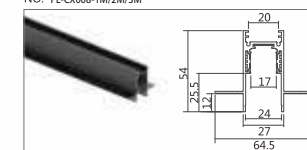
Can be equipped with different lamps
Free to move, free to adjust the angle

MAGNETIC TRACK SYSTEM -Rail and Accessories

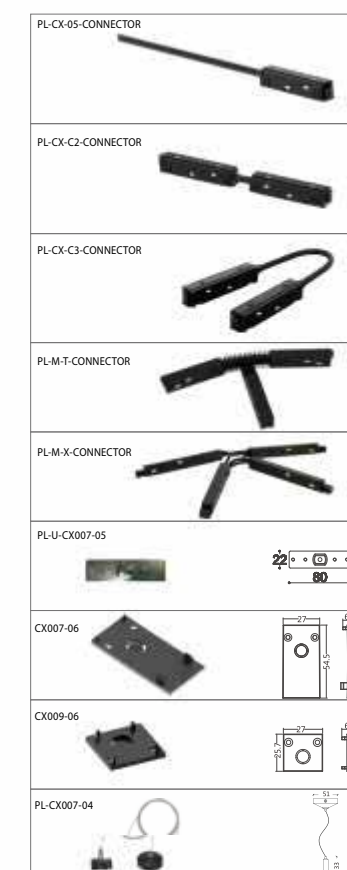
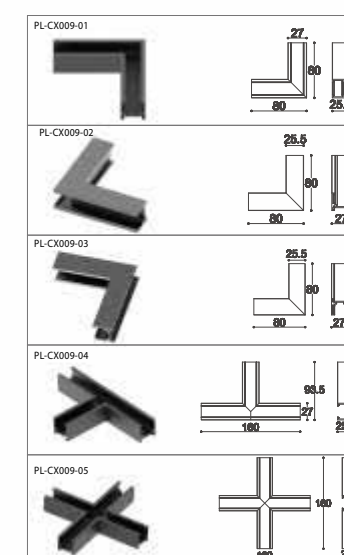
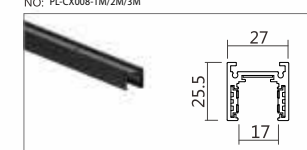
NO: PL-CX007-1M/2M/3M



NO: PL-CX008-1M/2M/3M



NO: PL-CX008-1M/2M/3M





HORIZON-LASER



Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color



Black



White

UGR<16

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D355-6							
6W	3000K	390	90	65lm/W	150	36	25°/35°/45°
6W	4000K	414	90	69lm/W	150	36	25°/35°/45°
6W	5000K	420	90	70lm/W	150	36	25°/35°/45°
PL-D355-12							
8W	3000K	528	90	66lm/W	210	36	25°/38°
8W	4000K	560	90	70lm/W	210	36	25°/38°
8W	5000K	568	90	71lm/W	210	36	25°/38°
PL-D355-24							
16W	3000K	1088	90	68lm/W	430	36	25°/38°
16W	4000K	1152	90	72lm/W	430	36	25°/38°
16W	5000K	1168	90	73lm/W	430	36	25°/38°
PL-D355-36							
24W	3000K	1608	90	67lm/W	650	36	25°/38°
24W	4000K	1704	90	71lm/W	650	36	25°/38°
24W	5000K	1728	90	72lm/W	650	36	25°/38°
PL-D355-48							
32W	3000K	2176	90	68lm/W	850	36	25°/38°
32W	4000K	2304	90	72lm/W	850	36	25°/38°
32W	5000K	2336	90	73lm/W	850	36	25°/38°

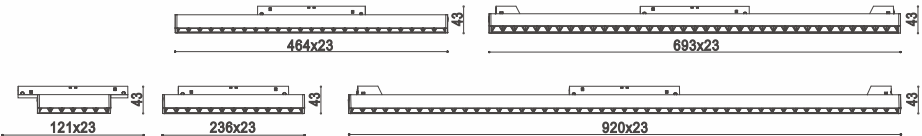
High efficiency
Alum-Matrix

IP20











HORIZON-FLAT



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

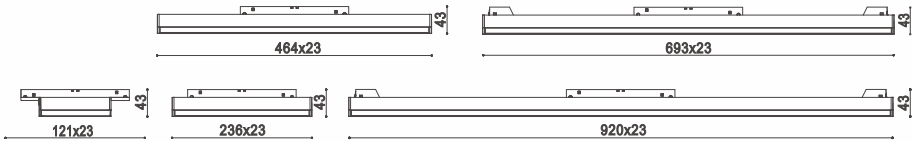
Non-Dim / Dimming /Tunable On Request

Finish color



UGR<21

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D355-6PC							
6W	3000K	438	90	73lm/W	150	36	100°
6W	4000K	468	90	78lm/W	150	36	100°
6W	5000K	456	90	76lm/W	150	36	100°
PL-D355-12PC							
8W	3000K	600	90	75lm/W	210	36	100°
8W	4000K	640	90	80lm/W	210	36	100°
8W	5000K	656	90	82lm/W	210	36	100°
PL-D355-24PC							
16W	3000K	1248	90	78lm/W	430	36	100°
16W	4000K	1328	90	83lm/W	430	36	100°
16W	5000K	1312	90	82lm/W	430	36	100°
PL-D355-36PC							
24W	3000K	1896	90	79lm/W	650	36	100°
24W	4000K	1992	90	83lm/W	650	36	100°
24W	5000K	1992	90	83lm/W	650	36	100°
PL-D355-48PC							
32W	3000K	2560	90	80lm/W	850	36	100°
32W	4000K	2624	90	82lm/W	850	36	100°
32W	5000K	2592	90	81lm/W	850	36	100°





EDGE-MAGNETIC



Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

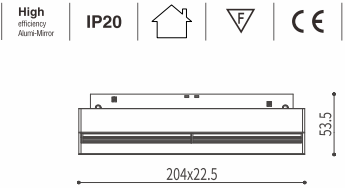
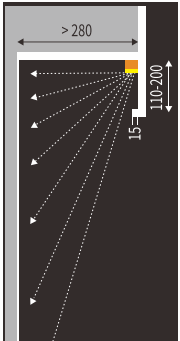
Finish color

Black

White

UGR<19

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M551-SMD12							
12W	3000K	960	90	80lm/W	300	36	28x36°/Asymmetric
12W	4000K	1020	90	85lm/W	300	36	28x36°/Asymmetric
12W	5000K	1032	90	86lm/W	300	36	28x36°/Asymmetric





FOLD-DOTS



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

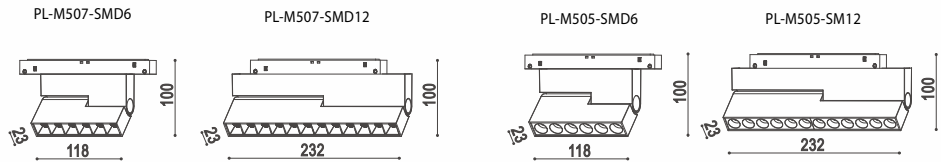
Non-Dim / Dimming /Tunable
On Request

Finish color



UGR<16

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M507-SMD6							
6W	3000K	390	90	65lm/W	150	36	25°/35°/45°
6W	4000K	414	90	69lm/W	150	36	25°/35°/45°
6W	5000K	420	90	70lm/W	150	36	25°/35°/45°
PL-M507-SMD12							
12W	3000K	792	90	66lm/W	320	36	25°/38°
12W	4000K	840	90	70lm/W	320	36	25°/38°
12W	5000K	852	90	71lm/W	320	36	25°/38°
PL-M505-SMD6							
6W	3000K	390	90	65lm/W	150	36	25°/30°
6W	4000K	438	90	73lm/W	150	36	25°/30°
6W	5000K	468	90	78lm/W	150	36	25°/30°
PL-M505-SM12							
12W	3000K	948	90	79lm/W	320	36	25°/30°
12W	4000K	996	90	83lm/W	320	36	25°/30°
12W	5000K	1008	90	84lm/W	320	36	25°/30°



Applications: museums, Hotel,
exhibitions, sales areas and promotional areas, etc.



FOLD-FLAT



Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

-  
Black White

UGR<21

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M505-SMD6PC							
6W	3000K	348	90	58lm/W	150	36	100°
6W	4000K	390	90	65lm/W	150	36	100°
6W	5000K	414	90	69lm/W	150	36	100°
PL-M505-SMD12PC							
12W	3000K	780	90	65lm/W	320	36	100°
12W	4000K	864	90	72lm/W	320	36	100°
12W	5000K	876	90	73lm/W	320	36	100°

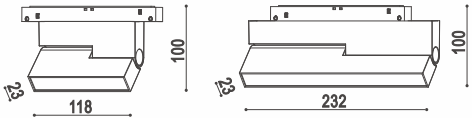
High efficiency
Aurum Mirror

IP20





CE





DOTS



Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

- Black
- White

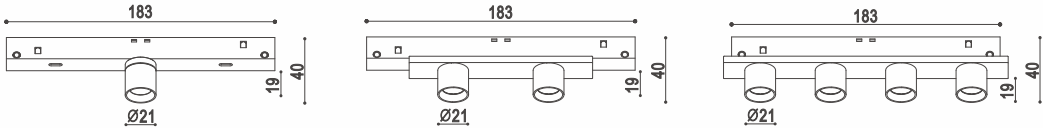
UGR<19

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M473-SMD1							
1x3W	3000K	174	90	58lm/W	750	3	25°/38°
1x3W	4000K	195	90	65lm/W	750	3	25°/38°
1x3W	5000K	204	90	68lm/W	750	3	25°/38°
PL-M473-SMD2							
2x3W	3000K	390	90	65lm/W	950	6	25°/38°
2x3W	4000K	432	90	72lm/W	950	6	25°/38°
2x3W	5000K	462	90	77lm/W	950	6	25°/38°
PL-M473-SMD4							
4x3W	3000K	828	90	69lm/W	950	12	25°/38°
4x3W	4000K	876	90	73lm/W	950	12	25°/38°
4x3W	5000K	900	90	75lm/W	950	12	25°/38°

High
efficiency
Alum-Mirror

IP20

CE





POINT-MAGNETIC



Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

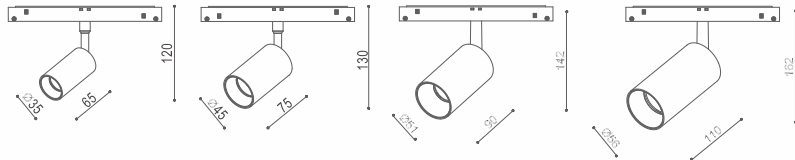
-   
- Black White Golden

UGR<16

Optical Accessories

-  
- A B

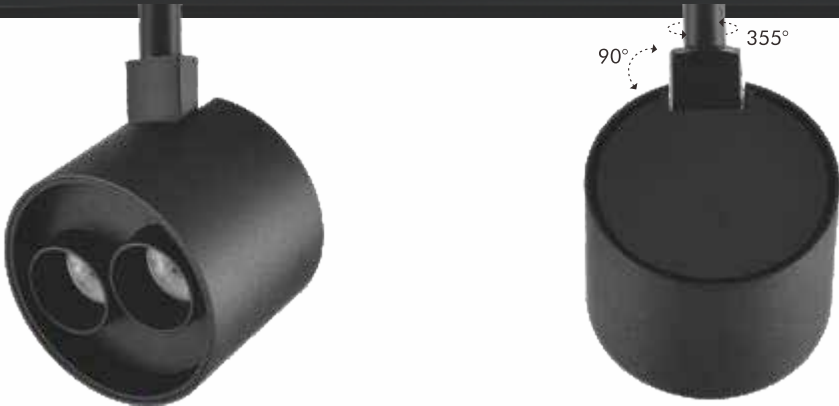
Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M559-COB-S							
5W	3000K	340	90	68lm/W	120	36	20°/30°/45°
5W	4000K	370	90	74lm/W	120	36	20°/30°/45°
5W	5000K	380	90	76lm/W	120	36	20°/30°/45°
PL-M559-COB							
7W	3000K	490	90	70lm/W	180	36	20°/25°/36°/45°
7W	4000K	525	90	75lm/W	180	36	20°/25°/36°/45°
7W	5000K	532	90	76lm/W	180	36	20°/25°/36°/45°
PL-M559-COB1							
10W	3000K	810	90	81lm/W	250	36	20°/30°/45°
10W	4000K	890	90	89lm/W	250	36	20°/30°/45°
10W	5000K	910	90	91lm/W	250	36	20°/30°/45°
PL-M559-COB2							
15W	3000K	1230	90	82lm/W	350	36	20°/25°/50°
15W	4000K	1290	90	86lm/W	350	36	20°/25°/50°
15W	5000K	1320	90	88lm/W	350	36	20°/25°/50°





A&C PLUS-MAGNETIC

PL-T368-COB4



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

-  
- Black White

UGR<10

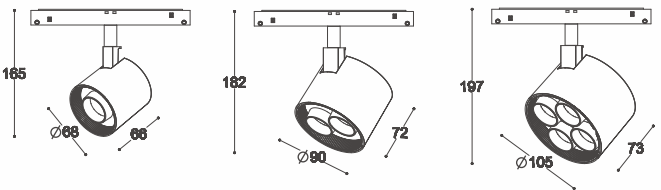
Optical Accessories

-  
- A B

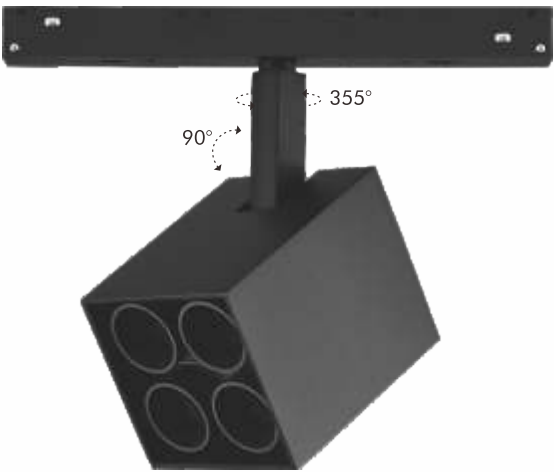
Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-T368-COB3							
6W	3000K	420	90	70lm/W	150	36	16°/24°/40°/60°
6W	4000K	450	90	75lm/W	150	36	16°/24°/40°/60°
6W	5000K	456	90	76lm/W	150	36	16°/24°/40°/60°

PL-T368-COB4							
12W	3000K	864	90	72lm/W	320	36	16°/24°/40°/55°
12W	4000K	936	90	78lm/W	320	36	16°/24°/40°/55°
12W	5000K	948	90	79lm/W	320	36	16°/24°/40°/55°

PL-T368-COB5							
24W	3000K	1800	90	75lm/W	600	36	16°/24°/40°/55°
24W	4000K	1992	90	83lm/W	600	36	16°/24°/40°/55°
24W	5000K	2040	90	85lm/W	600	36	16°/24°/40°/55°



A&C-MAGNETIC



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

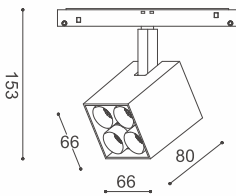
- Black
- White

UGR<10

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M333-4							
10W	3000K	710	90	71lm/W	700	12	16°/24°/38°
10W	4000K	770	90	77lm/W	700	12	16°/24°/38°
10W	5000K	780	90	78lm/W	700	12	16°/24°/38°

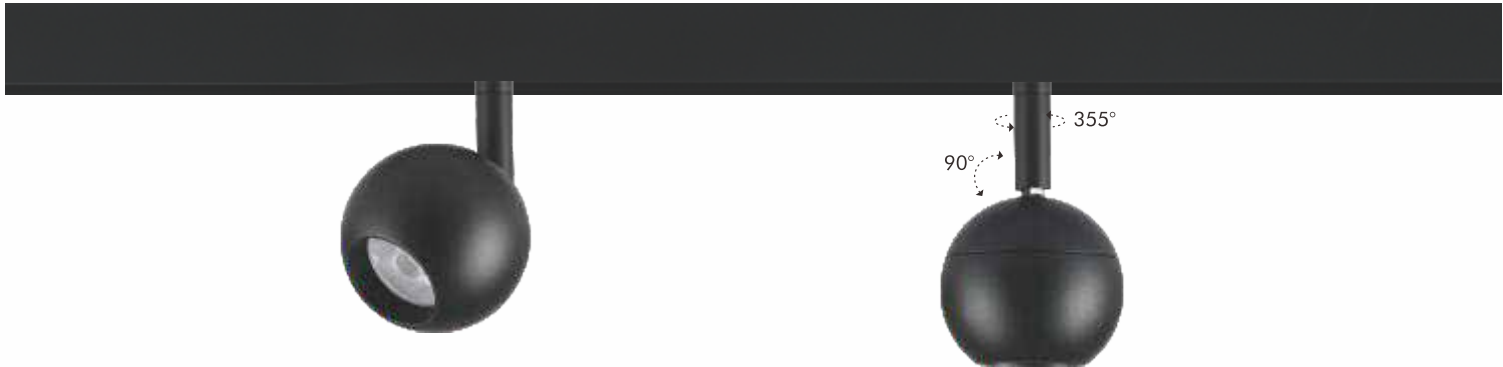
Optical Accessories

- A
- B





EYE S/EYE L



Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

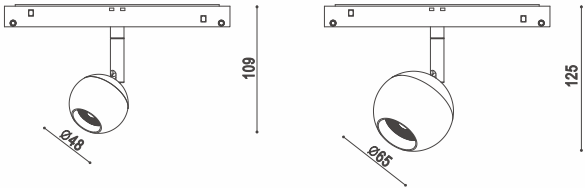
Non-Dim / Dimming /Tunable
On Request

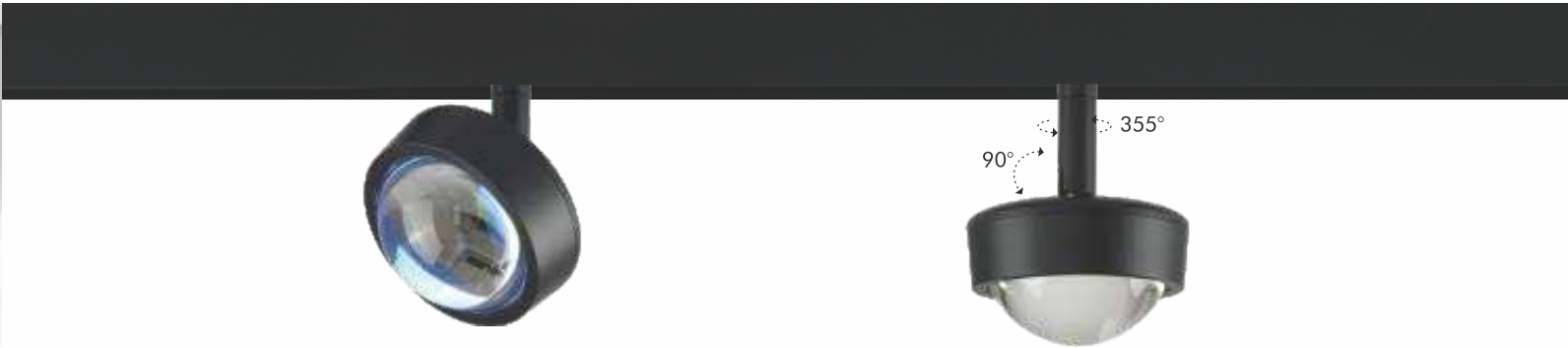
Finish color

- Black
- White

UGR<19

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-T432-COB1							
5W	3000K	320	90	64lm/W	120	36	16°/25°/30°/35°/55°
5W	4000K	355	90	67lm/W	120	36	16°/25°/30°/35°/55°
5W	5000K	345	90	69lm/W	120	36	16°/25°/30°/35°/55°
PL-T432-COB2							
10W	3000K	720	90	72lm/W	250	36	25°/38°
10W	4000K	750	90	78lm/W	250	36	25°/38°
10W	5000K	770	90	77lm/W	250	36	25°/38°





Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

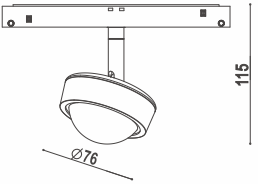
Non-Dim / Dimming /Tunable
On Request

Finish color

- Black
- White

UGR<21

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M516-COB3-T							
7W	3000K	574	90	82lm/W	150	36	60°
7W	4000K	602	90	86lm/W	150	36	60°
7W	5000K	595	90	85lm/W	150	36	60°





TUBE X



Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

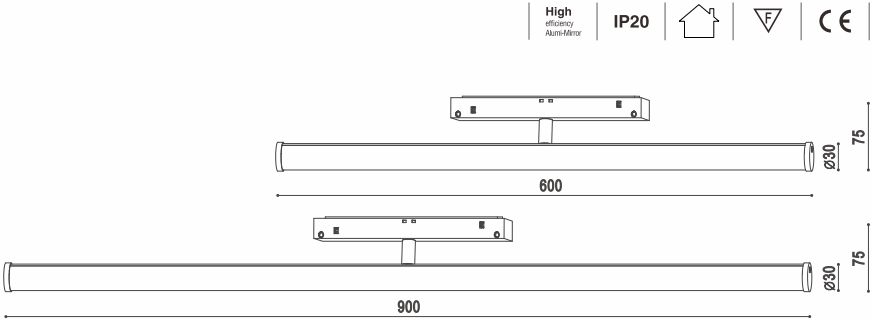
Non-Dim / Dimming /Tunable
On Request

Finish color



UGR<21

Watt	CCT	Lm	CRI	Efficacy	mA	V	Beam Angle
PL-M515-60							
20W	3000K	2120	90	106lm/W	520	36	100°
20W	4000K	2360	90	118lm/W	520	36	100°
20W	5000K	2300	90	115lm/W	520	36	100°
PL-M515-90							
30W	3000K	3240	90	108lm/W	770	36	100°
30W	4000K	3360	90	112lm/W	770	36	100°
30W	5000K	2360	90	112lm/W	770	36	100°



SPHERE-MAGNETIC

PL-M496-SMD3-T

PL-M496-SMD3-P



Applications: museums, Hotel, exhibitions, sales areas and promotional areas, etc.



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable On Request

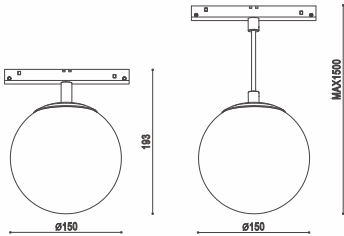
Finish color

Black White

UGR<21

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M496-SMD3-T							
10W	3000K	720	90	72lm/W	250	36	100°
10W	4000K	750	90	75lm/W	250	36	100°
10W	5000K	760	90	76lm/W	250	36	100°
PL-M496-SMD3-P							
10W	3000K	720	90	72lm/W	250	36	100°
10W	4000K	750	90	75lm/W	250	36	100°
10W	5000K	760	90	76lm/W	250	36	100°

High efficiency Alum-Matrix IP20





CRYSTAL

Product Quality Assurance
and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

- 
Black
- 
White
- 
Golden

UGR<19

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M457-COB1-P							
5W	3000K	105	90	21lm/W	120	36	180
5W	4000K	130	90	26lm/W	120	36	180
5W	5000K	145	90	29lm/W	120	36	180

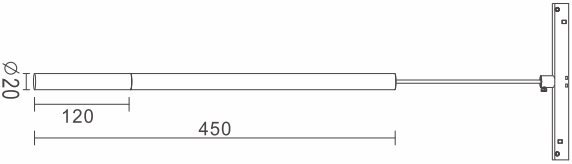
High
efficiency
A++ Mini

IP20





CE





GROW



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

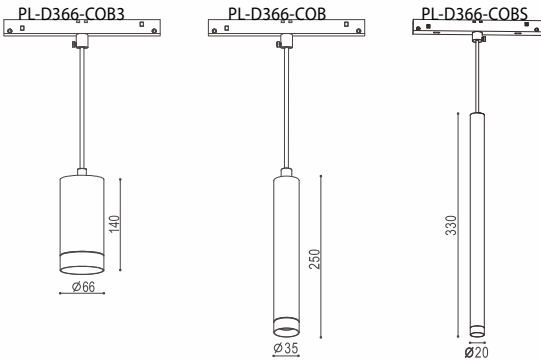
Finish color

-  Black  White  Golden

UGR<16

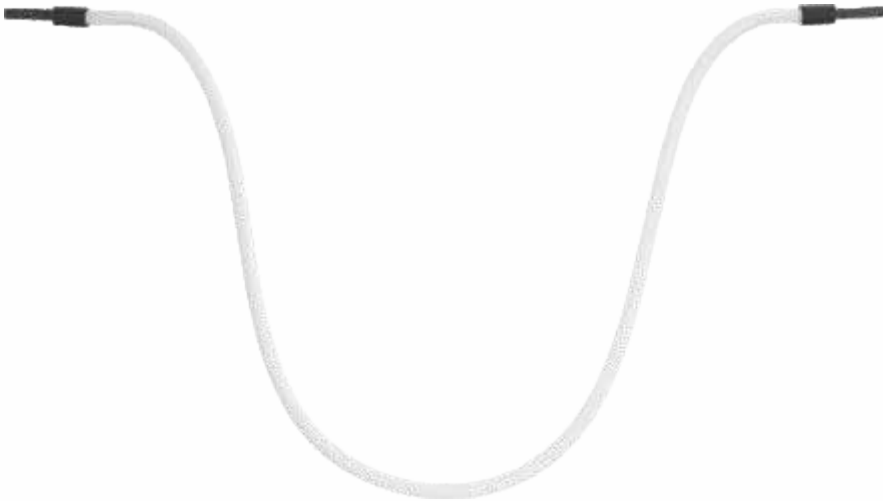
Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D366-COB3							
5W	3000K	355	90	71lm/W	120	36	20°/25°/35°
5W	4000K	375	90	75lm/W	120	36	20°/25°/35°
5W	5000K	395	90	79lm/W	120	36	20°/25°/35°
PL-D366-COB							
10W	3000K	720	90	72lm/W	250	36	20°/25°/35°
10W	4000K	760	90	76lm/W	250	36	20°/25°/35°
10W	5000K	770	90	77lm/W	250	36	20°/25°/35°
PL-D366-COB3							
20W	3000K	1640	90	82lm/W	520	36	15°/25°/35°
20W	4000K	1780	90	89lm/W	520	36	15°/25°/35°
20W	5000K	1940	90	97lm/W	520	36	15°/25°/35°
PL-D366-COB3							
30W	3000K	2340	90	75lm/W	770	36	15°/25°/35°
30W	4000K	2430	90	81lm/W	770	36	15°/25°/35°
30W	5000K	2430	90	81lm/W	770	36	15°/25°/35°

High efficiency Alum Mirror IP20   CE





FLOW-MAGNETIC



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

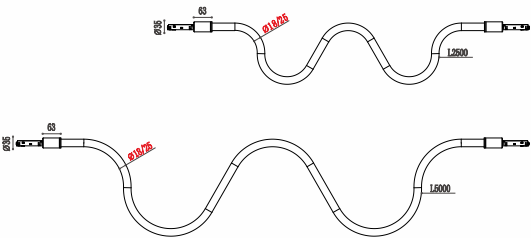
Finish color

-  
Black White

UGR<21

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M678-SMD250							
35W	3000K	2100	90	60lm/W	750	48	360°
35W	4000K	2310	90	66lm/W	750	48	360°
35W	5000K	2345	90	67lm/W	750	48	360°
PL-M678-SMD500							
57W	3000K	3306	90	58lm/W	1200	48	360°
57W	4000K	3591	90	63lm/W	1200	48	360°
57W	5000K	3705	90	65lm/W	1200	48	360°
PL-M679-SMD250							
42W	3000K	2604	90	62lm/W	900	48	360°
42W	4000K	2856	90	68lm/W	900	48	360°
42W	5000K	2940	90	70lm/W	900	48	360°
PL-M679-SMD500							
88W	3000K	5368	90	61lm/W	1800	48	360°
88W	4000K	5896	90	67lm/W	1800	48	360°
88W	5000K	5808	90	66lm/W	1800	48	360°

High efficiency
Aluminum
IP20 |  |  | CE





FLOW-MAGNETIC



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

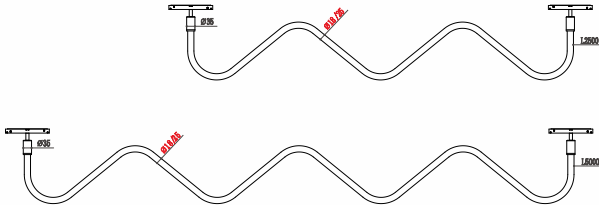


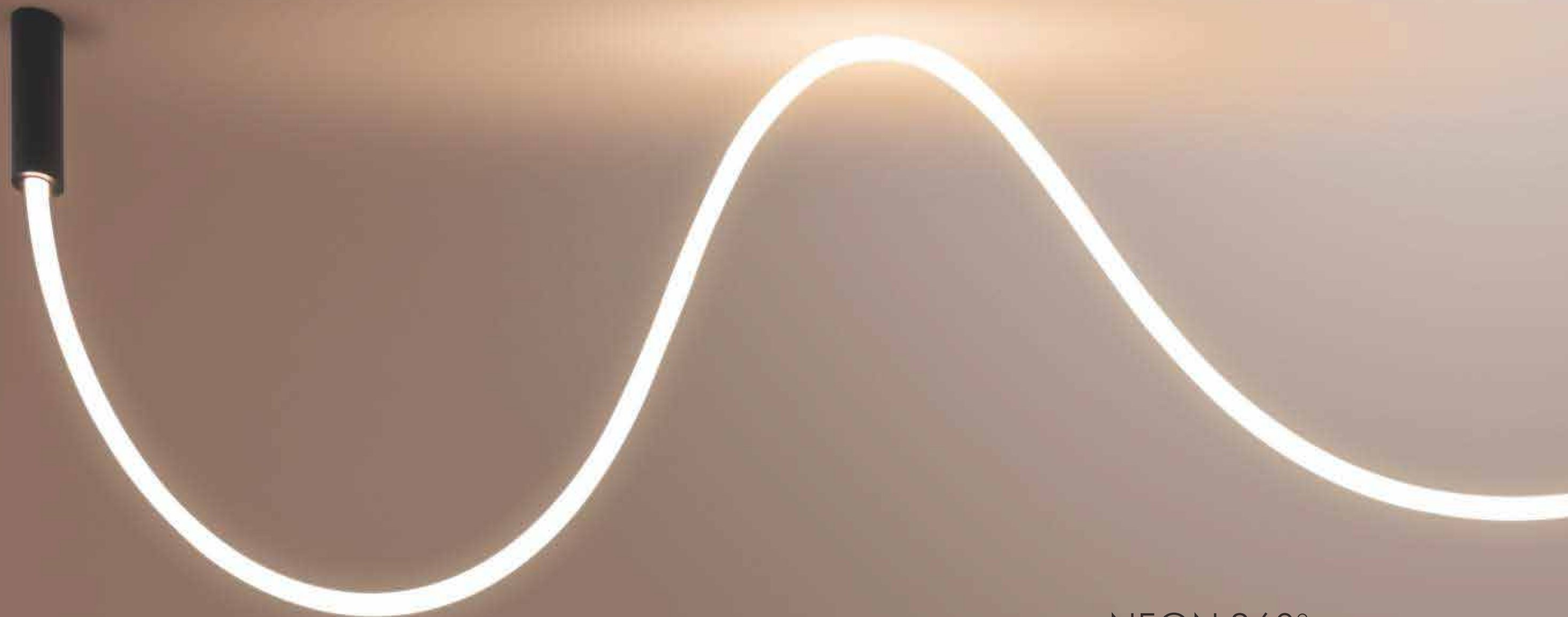
Black White

UGR<21

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-M812-SMD250							
35W	3000K	2100	90	60lm/W	750	48	360°
35W	4000K	2310	90	66lm/W	750	48	360°
35W	5000K	2345	90	67lm/W	750	48	360°
PL-M812-SMD500							
57W	3000K	3306	90	58lm/W	1200	48	360°
57W	4000K	3591	90	63lm/W	1200	48	360°
57W	5000K	3705	90	65lm/W	1200	48	360°
PL-M811-SMD250							
42W	3000K	2604	90	62lm/W	900	48	360°
42W	4000K	2856	90	68lm/W	900	48	360°
42W	5000K	2940	90	70lm/W	900	48	360°
PL-M811-SMD500							
88W	3000K	5368	90	61lm/W	1800	48	360°
88W	4000K	5896	90	67lm/W	1800	48	360°
88W	5000K	5808	90	66lm/W	1800	48	360°

High efficiency Alum-Matrix IP20   





NEON 360°

By combining lamps of different sizes of this series and placing them at different levels, you can create original light compositions. Designed for main and decorative lighting in residential, office, commercial premises, restaurants, cafes, etc. Available for both ceiling & wall and suspension.



FLOW-CEILING

Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color


Black


White


Golden

UGR<21



Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-C677-SMD250							
35W	3000K	2100	90	60lm/W	1880	24	360°
35W	4000K	2310	90	66lm/W	1880	24	360°
35W	5000K	2345	90	67lm/W	1880	24	360°
PL-C677-SMD500							
57W	3000K	3306	90	58lm/W	2500	24	360°
57W	4000K	3591	90	63lm/W	2500	24	360°
57W	5000K	3705	90	65lm/W	2500	24	360°
PL-C677-SMD1000							
110W	3000K	6050	90	55lm/W	2x2500	24	360°
110W	4000K	6490	90	59lm/W	2x2500	24	360°
110W	5000K	6600	90	60lm/W	2x2500	24	360°
PL-C677-SMD250							
42W	3000K	2604	90	62lm/W	2500	24	360°
42W	4000K	2856	90	68lm/W	2500	24	360°
42W	5000K	2940	90	70lm/W	2500	24	360°
PL-C676-SMD500							
88W	3000K	5368	90	61lm/W	5000	24	360°
88W	4000K	5896	90	67lm/W	5000	24	360°
88W	5000K	5808	90	66lm/W	5000	24	360°
PL-C676-SMD500							
162W	3000K	10206	90	63lm/W	2x5000	24	360°
162W	4000K	10854	90	67lm/W	2x5000	24	360°
162W	5000K	11016	90	68lm/W	2x5000	24	360°

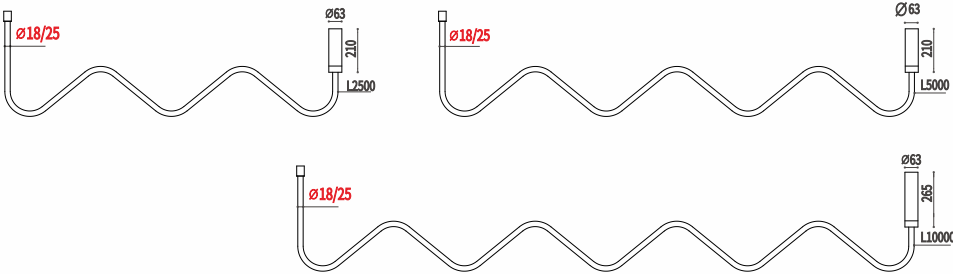
High efficiency
A++ A++ A++

IP20





CE





Applications: museums, Hotel, exhibitions, sales areas and promotional areas, etc.

FLOW-WALL TO WALL



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

- Black
- White
- Golden

UGR<21

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-C655-SMD250							
35W	3000K	2100	90	60lm/W	1880	24	360°
35W	4000K	2310	90	66lm/W	1880	24	360°
35W	5000K	2345	90	67lm/W	1880	24	360°
PL-C655-SMD500							
57W	3000K	3306	90	58lm/W	2500	24	360°
57W	4000K	3591	90	63lm/W	2500	24	360°
57W	5000K	3705	90	65lm/W	2500	24	360°
PL-C655-SMD1000							
110W	3000K	6050	90	55lm/W	2x2500	24	360°
110W	4000K	6490	90	59lm/W	2x2500	24	360°
110W	5000K	6600	90	60lm/W	2x2500	24	360°
PL-C656-SMD250							
42W	3000K	2604	90	62lm/W	2500	24	360°
42W	4000K	2856	90	68lm/W	2500	24	360°
42W	5000K	2940	90	70lm/W	2500	24	360°
PL-C656-SMD500							
88W	3000K	5368	90	61lm/W	5000	24	360°
88W	4000K	5896	90	67lm/W	5000	24	360°
88W	5000K	5808	90	66lm/W	5000	24	360°
PL-C656-SMD1000							
162W	3000K	10206	90	63lm/W	2x5000	24	360°
162W	4000K	10854	90	67lm/W	2x5000	24	360°
162W	5000K	11016	90	68lm/W	2x5000	24	360°

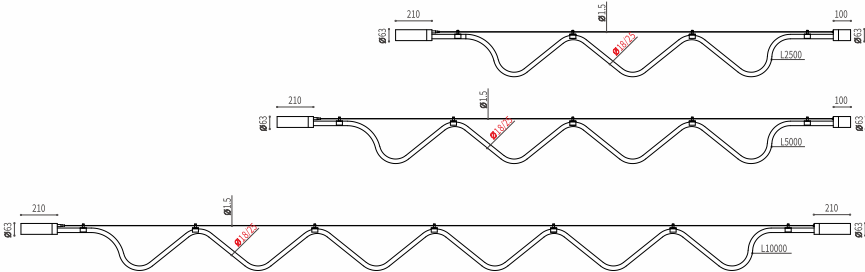
High efficiency
Alarm-Memory

IP20





CE





FLOW-RECESSED



Product Quality Assurance and Service Life

- 3 Years 30,000H
- 5 Years 50,000H

Non-Dim / Dimming /Tunable
On Request

Finish color

- Black
- White
- Golden

UGR<21

Watt	CCT	Lm	CRI	Efficacy	mA	LED Volt	Beam Angle
PL-D677-SMD250							
35W	3000K	2100	90	60lm/W	1880	24	360°
35W	4000K	2310	90	66lm/W	1880	24	360°
35W	5000K	2345	90	67lm/W	1880	24	360°
PL-D677-SMD500							
57W	3000K	3306	90	58lm/W	2500	24	360°
57W	4000K	3591	90	63lm/W	2500	24	360°
57W	5000K	3705	90	65lm/W	2500	24	360°
PL-D677-SMD1000							
110W	3000K	6050	90	55lm/W	2x2500	24	360°
110W	4000K	6490	90	59lm/W	2x2500	24	360°
110W	5000K	6600	90	60lm/W	2x2500	24	360°
PL-D676-SMD250							
42W	3000K	2604	90	62lm/W	2500	24	360°
42W	4000K	2856	90	68lm/W	2500	24	360°
42W	5000K	2940	90	70lm/W	2500	24	360°
PL-D676-SMD500							
88W	3000K	5368	90	61lm/W	5000	24	360°
88W	4000K	5896	90	67lm/W	5000	24	360°
88W	5000K	5808	90	66lm/W	5000	24	360°
PL-D676-SMD1000							
162W	3000K	10206	90	63lm/W	2x5000	24	360°
162W	4000K	10854	90	67lm/W	2x5000	24	360°
162W	5000K	11016	90	68lm/W	2x5000	24	360°

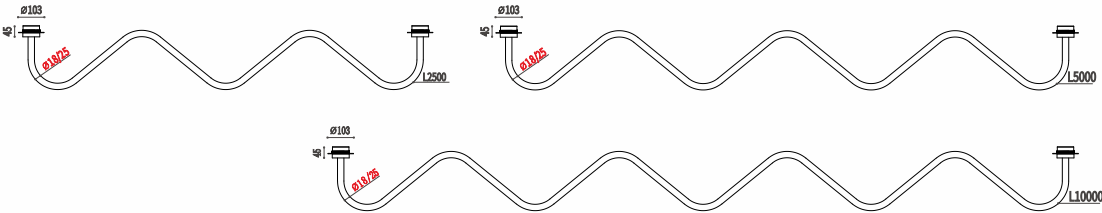
High efficiency
A++-Minor

IP20





CE





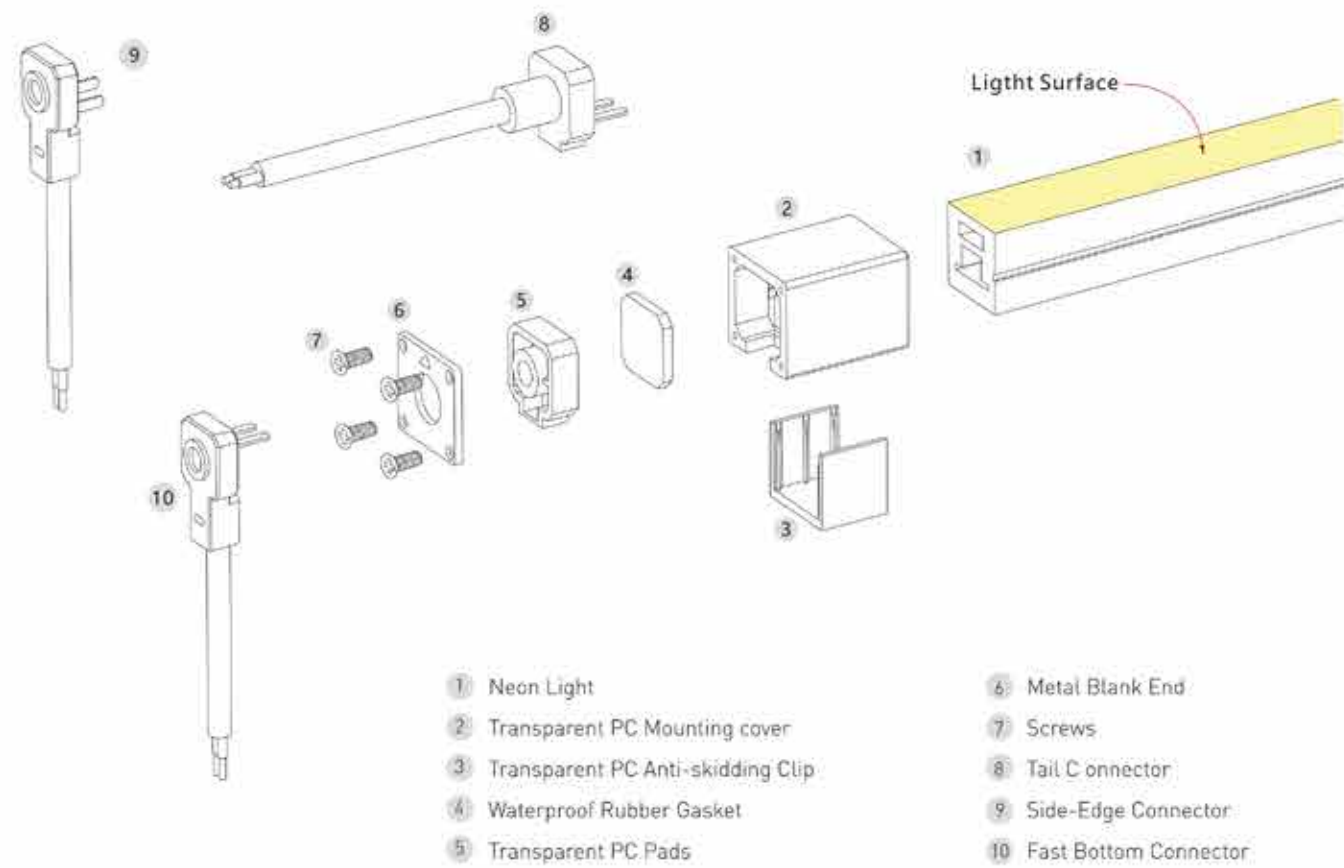
01 SILICONE NEON STRIP

Silicone Neon Strip adopts the high light transmittance and environmental protection grade silicone gel material, with integrated extrusion molding process. And its protection grade can reach up to IP67/IP68. With excellent heat resistance, cold resistance, aging resistance, yellowing resistance, UV resistance, saltwater resistance, the outstanding feature of the material is a wide temperature range[-50 to 200 degrees].

Various Connections

Provide multiple insalltion accessories for top bend and side bend, meet various applying demands.

Accessories diagram for Solder Free End Cap



Solder Free End Cap



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

Integral end cap



Silicone end cap



Front Cable Entry:
The cable could be hidden in all directions by the flexible design.

Side Cable Entry:
The cable could be perfectly hidden to achieve seamlesslight connection.

Bottom Cable Entry:
The cable could be perfectly hidden to achieve seamlesslight connection.

Mounting method

Stainless Steel Mounting clip



Aluminum Mounting clip

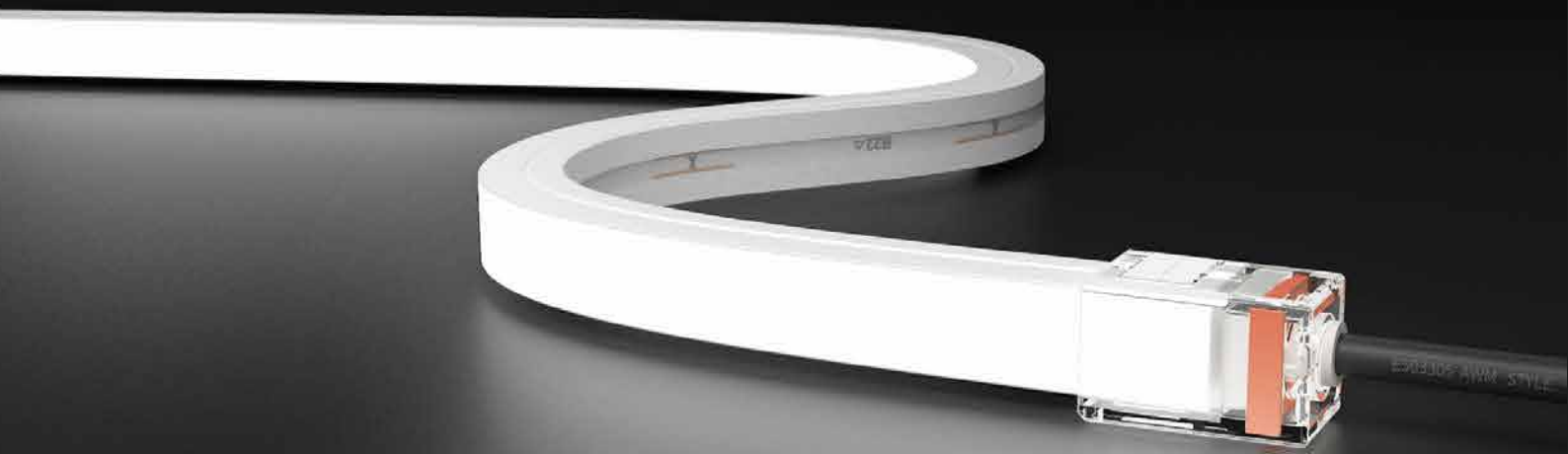


Aluminium Profile



Solder Free End Cap NEW

 **IP67**
WATERPROOF



PL-N1615 Top Bend

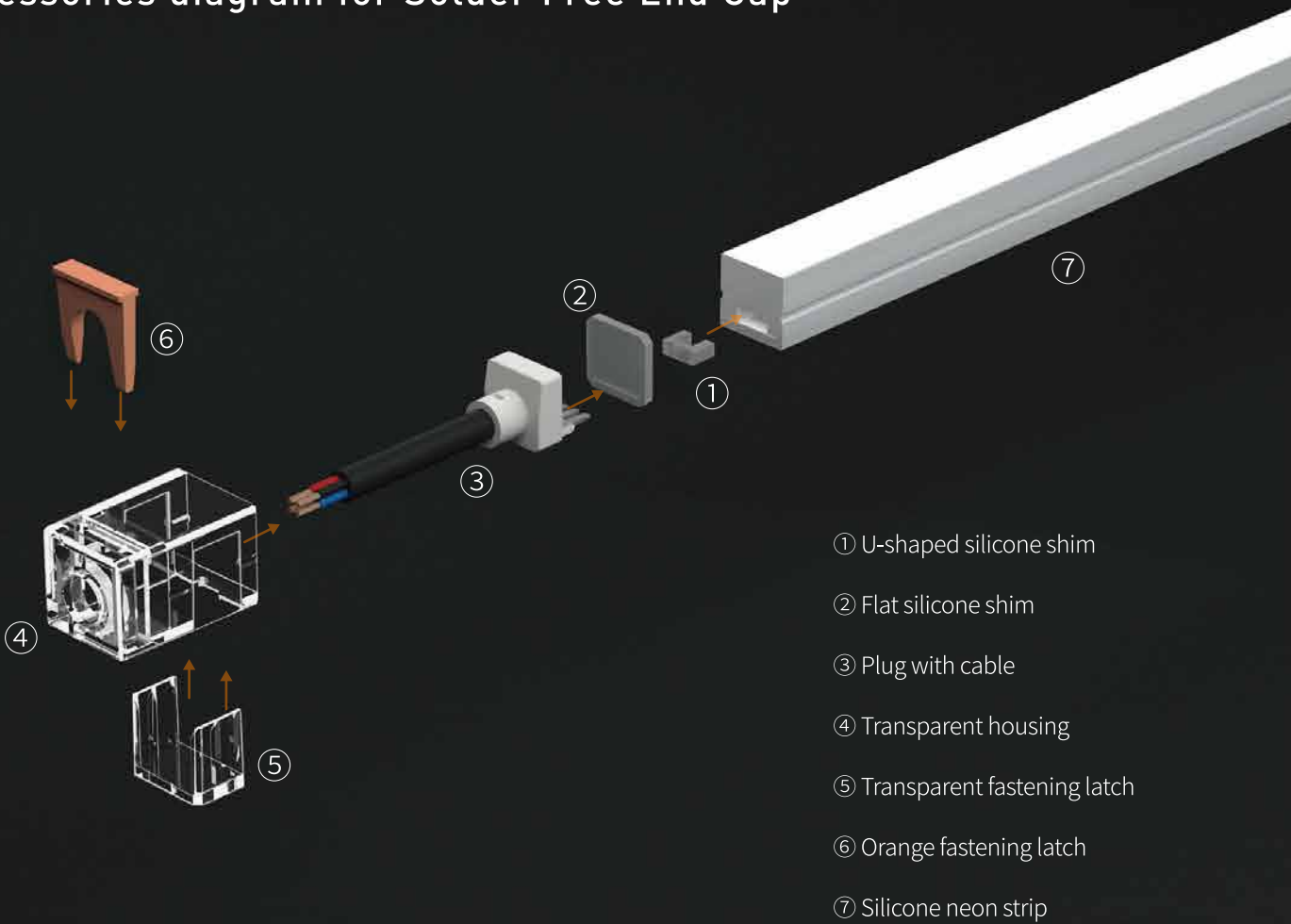


PL-N1220 Side Bend



PL-N0817 (180° Emitting)

Accessories diagram for Solder Free End Cap

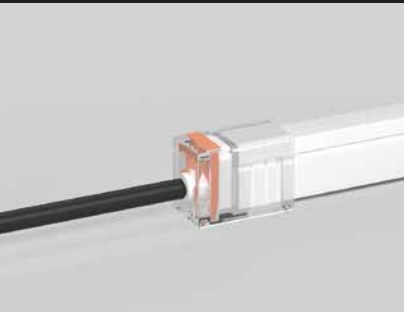


Solder Free End Cap

Front Cable Entry



PL-N1615



PL-N1220



PL-N0817

IP67, Top Bend Series

PL -N1615 | PL -N0606S | PL -N1010 | PL -N1212

- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis and UV
- Systematized solution of installation.



IP67, Three Sided Luminous (Top Bend)

PL -N1010

- IP67 protection level, Three Sided luminous surface
- Unique optical light distribution structure design, uniform lighting surface and no shadow.

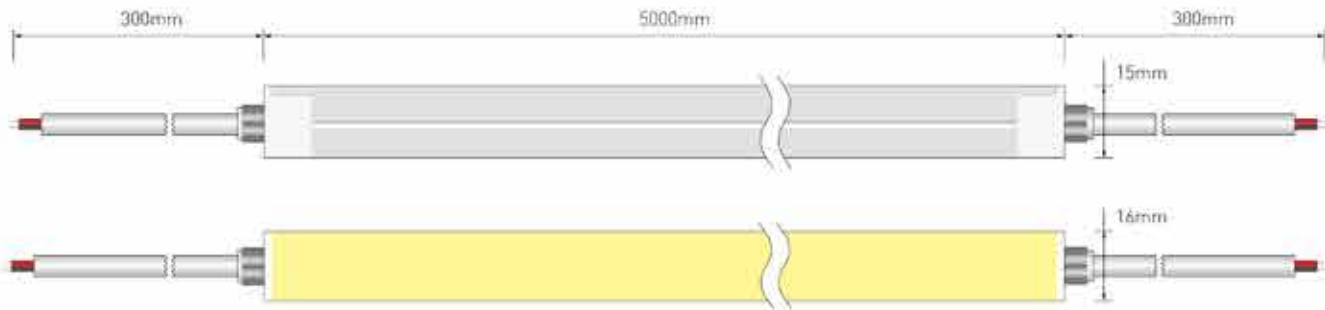


PL-N1615

IP67 FLEX LEDNEON PL-N1615, Top bend, DC24V. Cross section size 16mm x 15mm(W x H), which is vertical bending with diameter of 200mm. It is IP67 protected, UV resistant, solvents resistant and salt-water resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C~60 C
Ambient Temperature	T _{amb} ≤-25 C, T _{amb} ≤(Table below)

LEDNEON 1615	Low Output	Std Output	High Output
Power[W/m]	5W	10W	15W
Max. Ambient tempt.[T _{amb}]	55 C	45 C	35 C

Note:

- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	460	46	50	17(C)	CC/CV
2400K±150	≥90	DC24V	10	470	47	50	17(C)	CC/CV
2700K±150	≥90	DC24V	10	550	55	50	17(C)	CC/CV
3000K±150	≥90	DC24V	10	540	54	50	17(C)	CC/CV
3500K±200	≥90	DC24V	10	585	58.5	50	17(C)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	10	575	57.5	50	17(C)	CC/CV
5000K ^{+500 -250}	≥90	DC24V	10	570	57	50	17(C)	CC/CV
6500K ^{+200 -100}	≥90	DC24V	10	575	57.5	50	17(C)	CC/CV
Red	—	DC24V	10	240	24	50	18(C)	CC/CV
Green	—	DC24V	10	550	55	50	17(C)	CC/CV
Blue	—	DC24V	10	110	11	50	17(C)	CC/CV
Yellow	—	DC24V	10	240	24	50	18(C)	CC/CV
Pink	—	DC24V	10	225	22.5	50	17(C)	CC/CV

Note: -The running length is base on Constant Current 24Vdc LED Strip.
-When use the solder free end cap or waterproof connector,the max run length of 10W/M is respectively 10M.

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	5	275	55	50	5	CV
W	≥90	DC24V	5	295	59	50	5	CV
W+WW	≥90	DC24V	10	570	57	50	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	—	DC24V	3.3	56.1	17	62.5	5	CV
G	—	DC24V	3.3	181.5	55	62.5	5	CV
B	—	DC24V	3.3	34.85	10.5	62.5	5	CV
RGB	—	DC24V	10	270	27	62.5	5	CV

RGBW
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	—	DC24V	2.5	32.5	13	62.5	5	CV
G	—	DC24V	2.5	135	54	62.5	5	CV
B	—	DC24V	2.5	31.25	12.5	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	70	28	62.5	5	CV
RGBW	—	DC24V	10	340	34	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	—	DC24V	2.5	32.5	13	62.5	5	CV
G	—	DC24V	2.5	135	54	62.5	5	CV
B	—	DC24V	2.5	31.25	12.5	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	158.75	63.5	62.5	5	CV
RGBW	—	DC24V	10	360	36	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	—	DC24V	2.5	32.5	13	62.5	5	CV
G	—	DC24V	2.5	135	54	62.5	5	CV
B	—	DC24V	2.5	31.25	12.5	62.5	5	CV
W(4000K ^{+500 -200})	≥80	DC24V	2.5	168.75	67.5	62.5	5	CV
RGBW	—	DC24V	10	370	37	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	—	DC24V	2.5	32.5	13	62.5	5	CV
G	—	DC24V	2.5	135	54	62.5	5	CV
B	—	DC24V	2.5	31.25	12.5	62.5	5	CV
W(5500K±500)	≥80	DC24V	2.5	140	56	62.5	5	CV
RGBW	—	DC24V	10	330	33	62.5	5	CV

Cable Entry

Front Cable Entry:
The cable could be hidden in all directions by the flexible design.

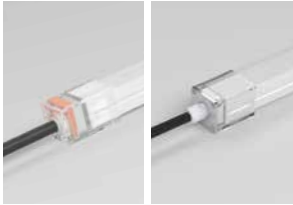
Side Cable Entry:
The cable could be perfectly hidden to achieve seamless light connection.

Bottom Cable Entry:
The cable could be perfectly hidden to achieve seamless light connection.

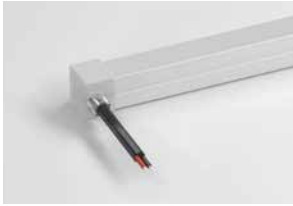
Integral End Cap



Solder Free End Cap



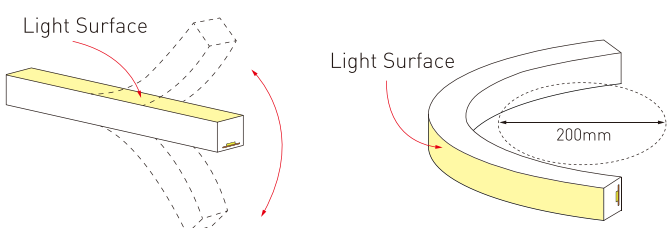
Silicone end cap



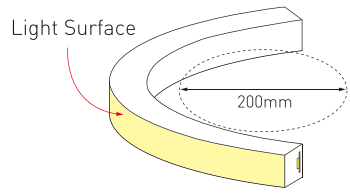
Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 200mm bending diameter;

Light Surface

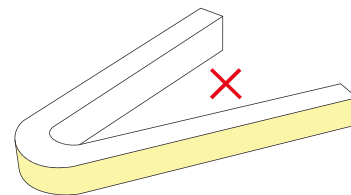


Light Surface

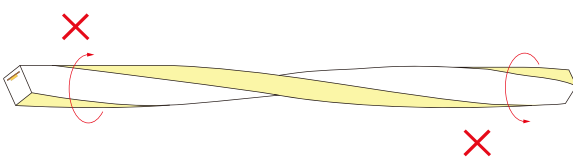


200mm

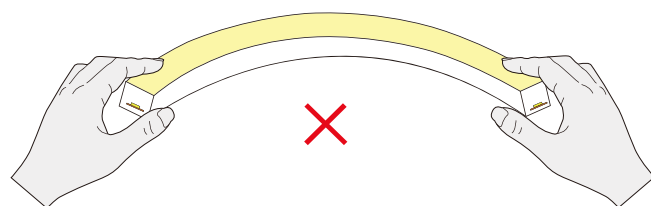
Bend vertical only



Too sharp



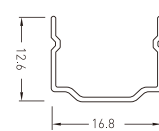
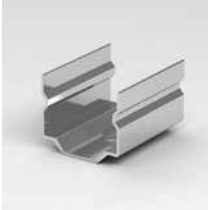
Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

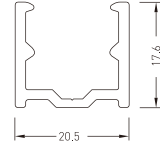
Accessories

Mounting Clips



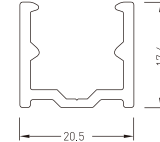
Dimension:
20x12.6x16.8mm

Aluminium Mounting clips



Dimension:
20x20.5x17.6

Aluminium Profile



Dimension:
1000x20.5x17.6



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN
Color: Black



IP67 Connector
2PIN, 3PIN, 4PIN, 5PIN
Wire Gauge: 0.5mm²/22AWG
Color: Black



Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN
Color: White



Anti-rain connector



Silicone closed end cap
Dimension: 13x18.5x17.5mm
Color: Semi-Transparent



PC closed end cap
Dimension: 27.9x20.4x19.4mm
Material: stainless steel
Color: Transparent



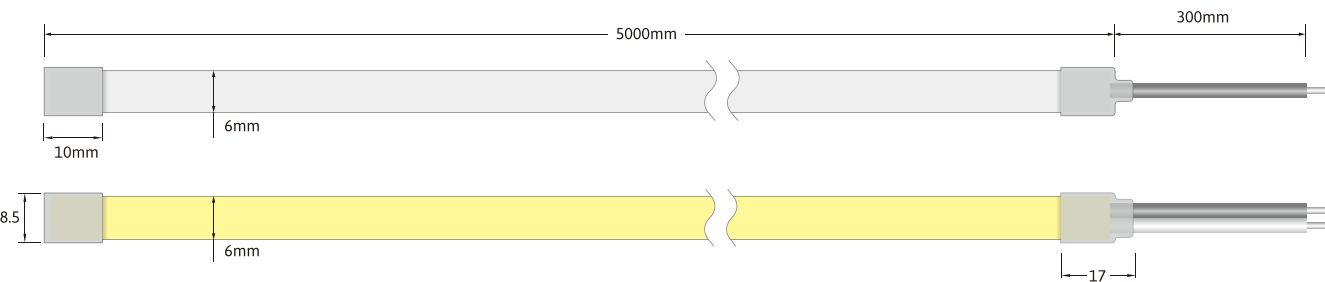
Scissor
Material: stainless steel

PL-N0606

IP67 FLEX LEDNEON PL-N0606, Top bend, DC24V. Cross section size 6mm x 6mm(W x H), which is vertical bending with diameter of 50mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



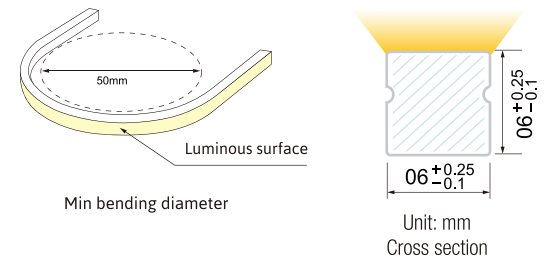
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	6W
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _a min=-25 C , T _a max (Table below)

LEDNEON 0606	Low Output
Power(W/m)	6W
Max. Ambient tempt.(T _a max)	55 C

- Note :
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

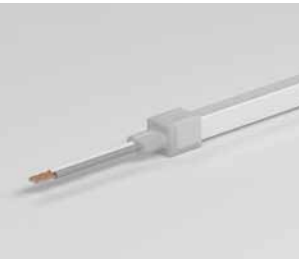
Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
1700K +200 -100	≥90	DC24V	6	235.2	39.2	25	5	CV
2200K +200 -100	≥90	DC24V	6	325.2	54.2	25	5	CV
2400K +200 -200	≥90	DC24V	6	330	55	25	5	CV
2600K +200 -200	≥90	DC24V	6	337.2	56.2	25	5	CV
2800K +200 -200	≥90	DC24V	6	345	57.5	25	5	CV
3200K +300 -200	≥90	DC24V	6	348	58	25	5	CV
3800K +400 -300	≥90	DC24V	6	358.2	59.7	25	5	CV
4400K +400 -400	≥90	DC24V	6	352.8	58.8	25	5	CV
5600K +400 -400	≥90	DC24V	6	379.2	63.2	25	5	CV

Cable Entry

Silicone end cap



Front Cable Entry
The cable could be hidden in all directions by the flexible design.



Side Cable Entry
The cable could be perfectly hidden to achieve seamless



Bottom Cable Entry
The cable could be perfectly hidden to achieve seamless

Integral End Cap



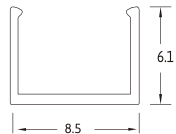
Front Cable Entry
The cable could be hidden in all directions by the flexible design.

Accessories

Aluminium Mounting clips



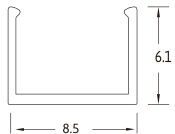
Dimension:
15x8.5x6.1mm (L x W x H)



Aluminium Profile



Dimension:
1000x8.5x7.2mm (L x W x H)



2 PIN grey/white wire



Silicone closed end cap
Dimension: 10x8.5x8.5mm (LxWxH)
Color: Semi-Transparent



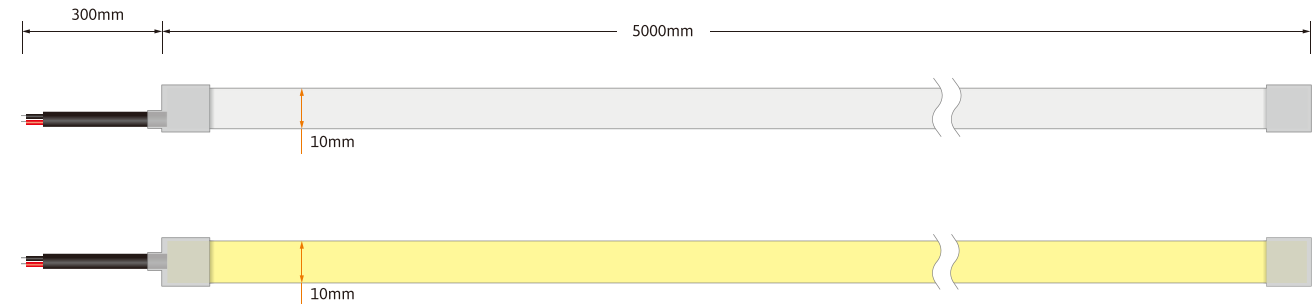
Scissor
Material: stainless steel

PL-N1010

IP67 FLEX LEDNEON **PL-N1010**, Top Bend, DC24V. Cross section size 10mm x 10mm(W x H), which is vertical bending with diameter of 150mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



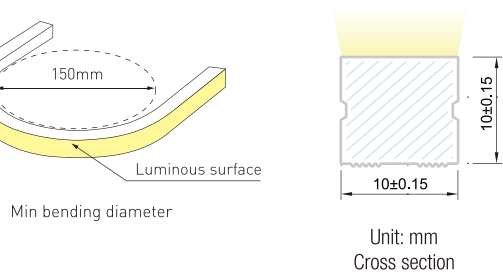
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{amb} min=-25 C, T _{amb} max (Table below)

LEDNEON 1212	Low Output	STD output
Power(W/m)	5W	10W
Max. Ambient tempt.(T _{amb} max)	55 C	45 C

- Note:
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years



Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2400K±150	≥90	DC24V	10	710	71	50	13(CC)	CC/CV
2700K±150	≥90	DC24V	10	780	78	50	13(CC)	CC/CV
3000K±150	≥90	DC24V	10	740	74	50	13(CC)	CC/CV
3500K±200	≥90	DC24V	10	730	73	50	13(CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	10	840	84	50	13(CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	10	870	87	50	13(CC)	CC/CV
6500K ^{+200 -600}	≥90	DC24V	10	860	86	50	13(CC)	CC/CV
Red	--	DC24V	10	300	30	50	17(CC)	CC/CV
Green	--	DC24V	10	650	65	50	13(CC)	CC/CV
Blue	--	DC24V	10	168	16.8	50	13(CC)	CC/CV
Yellow	--	DC24V	10	340	34	50	17(CC)	CC/CV
Pink	--	DC24V	10	560	56	50	13(CC)	CC/CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
WW	≥90	DC24V	5	285	77	50	5	CV
W	≥90	DC24V	5	410	82	50	5	CV
W+WW	≥90	DC24V	10	800	80	50	5	CV

RGB
PARAMETER



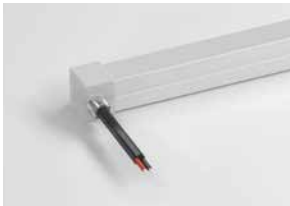
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	68.6	20.8	50	5	CV
G	--	DC24V	3.3	234	70.9	50	5	CV
B	--	DC24V	3.3	44.9	13.6	50	5	CV
RGB	--	DC24V	10	362	36.2	50	5	CV

Cable Entry

Silicone end cap



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

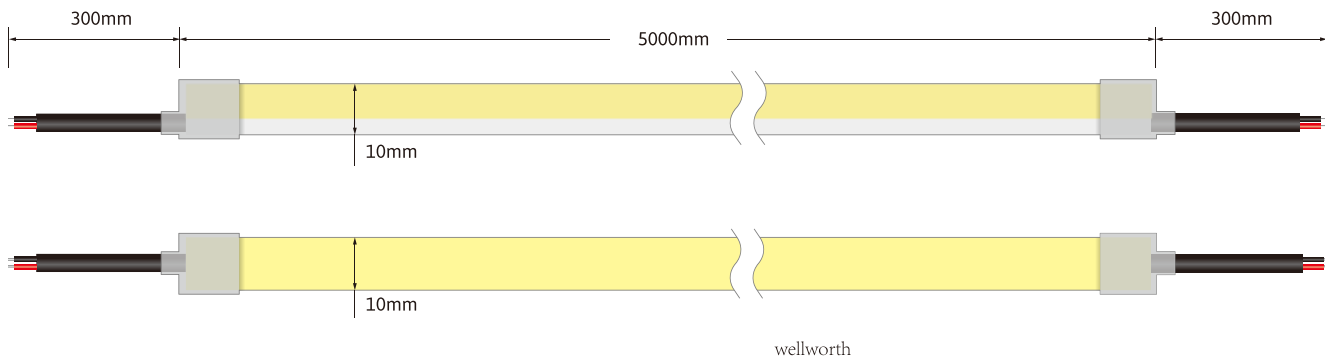
PL-N1010-Three Sided Light

"IP67 Three sided FLEX LEDNEON **PL-N1010**, Top Bend, DC24V. Cross section size 10mm x 10mm(W x H), which is vertical bending with diameter of 100mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant.

Dot free will bring the most excellent performance for indoor & outdoor applications."



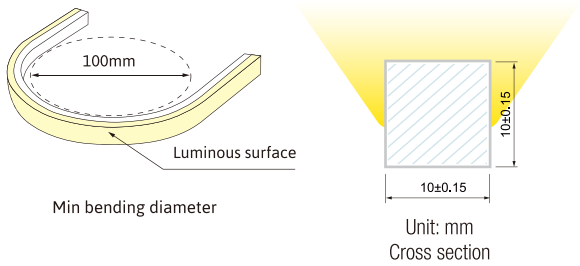
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{min} = -25 C , T _{max} (Table below)

LEDNEON 1010	Low Output	Std Output
Power(W/m)	5W	10W
Max. Ambient tempt.(T _{max})	55 C	45 C

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 67

Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	645	64.5	35.7	5	CV
2400K±150	≥90	DC24V	10	685	68.5	35.7	5	CV
2700K±150	≥90	DC24V	10	740	74	35.7	5	CV
3000K±150	≥90	DC24V	10	790	79	35.7	5	CV
3500K±200	≥90	DC24V	10	720	72	35.7	5	CV
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	830	83	35.7	5	CV
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	830	83	35.7	5	CV
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	10	810	81	35.7	5	CV
Red	--	DC24V	10	330	33	35.7	5	CV
Green	--	DC24V	10	920	92	35.7	5	CV
Blue	--	DC24V	10	175	17.5	35.7	5	CV
Yellow	--	DC24V	10	300	30	35.7	5	CV
Pink	--	DC24V	10	350	35	35.7	5	CV

Cable Entry

Silicone end cap



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

Integral End Cap (IP44)



Front Cable Entry

Accessories

Stainless Steel Mounting clip



Dimension:
12x11.6x7.6mm(L x W x H)

Aluminium Profile



Dimension:
1000x12.4x13mm(L x W x H)

transparent plastic groove



Dimension:
1000x12x14.3mm(L x W x H)



PVC Cable
2PIN
Color: Black



Silicone closed end cap
Dimension: 12x12mm (WxH)
Color: Semi-Transparent



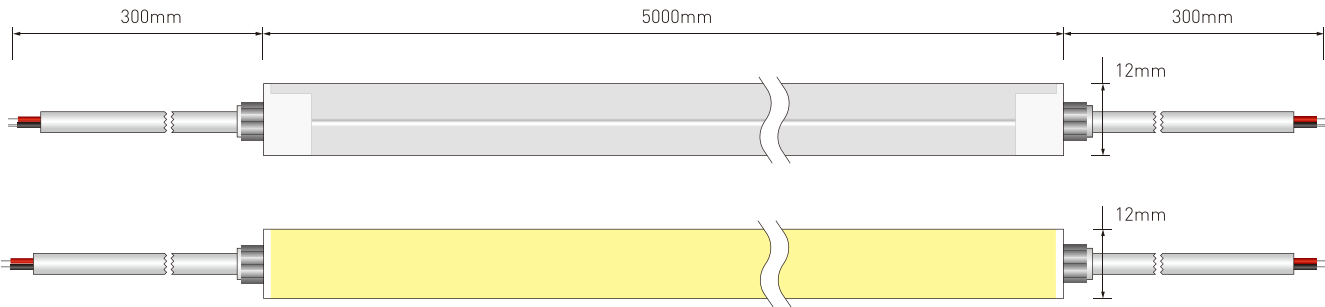
Scissor
Material: stainless steel

PL-N1212

IP67 FLEX LEDNEON **PL-N1212**, Top Bend, DC24V. Cross section size 12mm x 12mm(W x H), which is vertical bending with diameter of 150mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



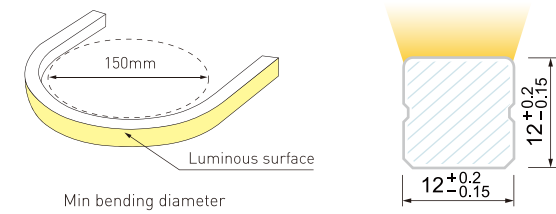
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25 C ~60 C
Ambient Temperature	Ta _{min} =-25 C , Ta _{max} (Table below)

LEDNEON 1212	Low Output	STD output
Power[W/m]	5W	10W
Max. Ambient tempt.[Ta _{max}]	55 C	45 C

- Note :
- When ambient temperature reaches 55 C, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 67

Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	560	56	50	13 (CC)	CC/CV
2400K±150	≥90	DC24V	10	560	56	50	13 (CC)	CC/CV
2700K±150	≥90	DC24V	10	670	67	50	13 (CC)	CC/CV
3000K±150	≥90	DC24V	10	640	64	50	13 (CC)	CC/CV
3500K±200	≥90	DC24V	10	660	66	50	13 (CC)	CC/CV
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	680	68	50	13 (CC)	CC/CV
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	680	68	50	13 (CC)	CC/CV
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	10	670	67	50	13 (CC)	CC/CV
Red	--	DC24V	10	280	28	50	17 (CC)	CC/CV
Green	--	DC24V	10	700	70	50	13 (CC)	CC/CV
Blue	--	DC24V	10	130	13	50	13 (CC)	CC/CV
Yellow	--	DC24V	10	260	26	50	17 (CC)	CC/CV
Pink	--	DC24V	10	280	28	50	13 (CC)	CC/CV

Note: -The running length is base on Constant Current 24Vdc LED Strip.
-When use the solder free end cap or waterproof connector,the max run length of 10W/M is respectively 8.4M.

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
WW	≥90	DC24V	5	315	63	50	5	CV
W	≥90	DC24V	5	335	67	50	5	CV
W+WW	≥90	DC24V	10	650	65	50	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	69.3	21	62.5	5	CV
G	--	DC24V	3.3	214.5	65	62.5	5	CV
B	--	DC24V	3.3	39.6	12	62.5	5	CV
RGB	--	DC24V	10	290	29	62.5	5	CV

Cable Entry

Integral End Cap



Front Cable Entry:
The cable could be hidden in all directions by the flexible design.

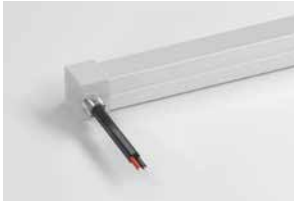
Side Cable Entry:
The cable could be perfectly hidden to achieve seamless light connection.

Bottom Cable Entry:
The cable could be perfectly hidden to achieve seamless light connection.

Solder Free End Cap

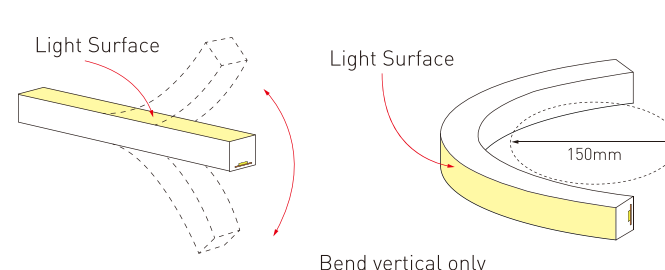


Silicone end cap



Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;

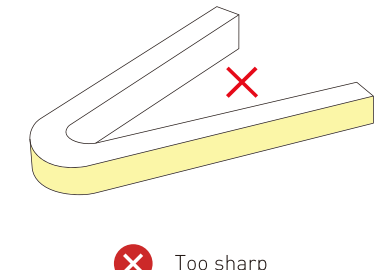


Light Surface

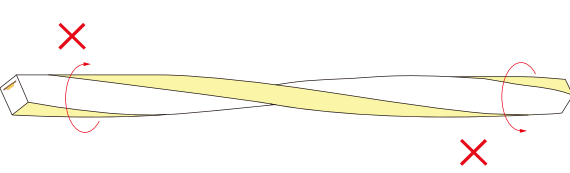
Light Surface

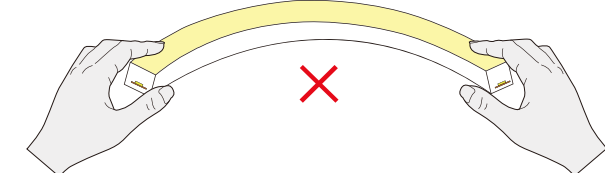
150mm

Bend vertical only



Too sharp



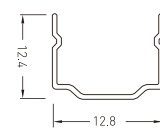
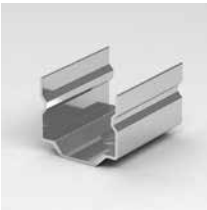


Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.

Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

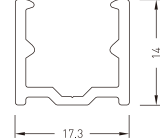
Accessories

Stainless Steel Mounting clips



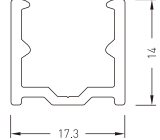
Dimension:
20x12.8x12.4mm

Aluminium Mounting clips



Dimension:
20x17.3x14

Aluminium Profile



Dimension:
1000x17.3x14



PVC Cable
2PIN, 3PIN, 4PIN
Color: Black



IP67 Connector 4PIN
Wire Gauge: 0.5mm²/22AWG
Color: Black



Silicone Cable
2PIN, 3PIN, 4PIN
Color: White



Anti-rain connector



Silicone closed end cap
Dimension: 13x14.5x14.5mm
Color: Semi-Transparent



PC closed end cap
Dimension: 26.5x17x16mm
Material: stainless steel
Color: Transparent



Scissor
Material: stainless steel

IP67, Large Luminous Surface Light (Top Bend)

PL -N2016 | PL -N3020 | PL -N5025

- IP67, Large luminous surface
- Unique optical light distribution structure design, uniform lighting surface and no shadow.



IIP67 NEON STRIP

PL -ND16

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV
- Excellent toughness, simple and stylish appearance, delicate and unique
- 3 years warranty, working life ≥ 30000 hours;

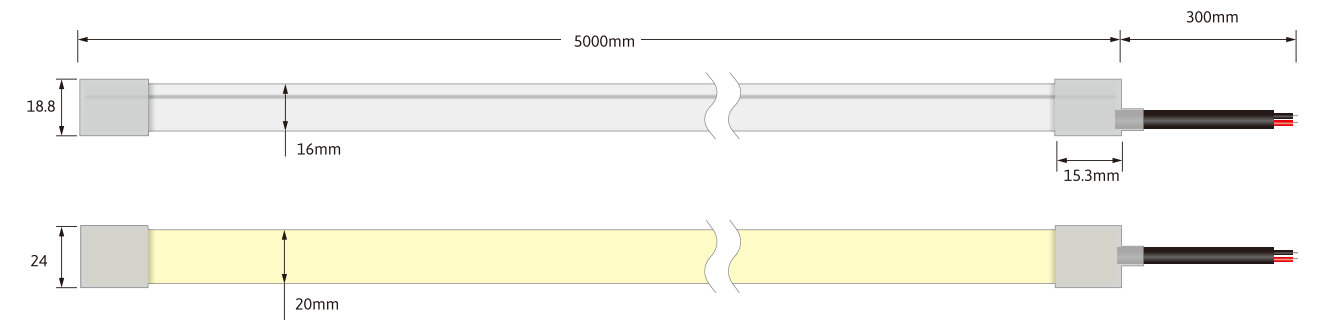


PL-N2016

IP67 FLEX LEDNEONPL-N2016, Top bend, DC24V. Cross section size 20mm x 16mm(W x H), which is vertical bending with diameter of 200mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.

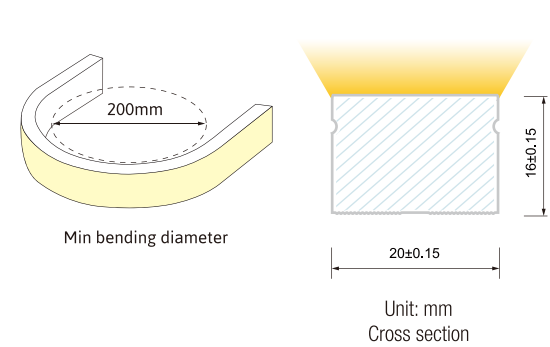


Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{min} = -25 C, T _{max} (Table below)

LEDNEON 2016	Low Output	Std Output	High Output
Power(W/m)	5w	10w	15w
Max. Ambient tempt.(T _a max)	55 C	45 C	35 C



- Note:
- When ambient temperature reaches 55 °C, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.

Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

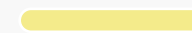
Warranty

3 Years



Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	495	49.5	50	17 (CC)	CC/CV
2400K±150	≥90	DC24V	10	525	52.5	50	17 (CC)	CC/CV
2700K±150	≥90	DC24V	10	590	59	50	17 (CC)	CC/CV
3000K±150	≥90	DC24V	10	590	59	50	17 (CC)	CC/CV
3500K±200	≥90	DC24V	10	555	55.5	50	17 (CC)	CC/CV
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	630	63	50	17 (CC)	CC/CV
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	625	62.5	50	17 (CC)	CC/CV
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	10	625	62.5	50	17 (CC)	CC/CV
Red	--	DC24V	10	290	29	50	18 (CC)	CC/CV
Green	--	DC24V	10	610	61	50	17 (CC)	CC/CV
Blue	--	DC24V	10	135	13.5	50	17 (CC)	CC/CV
Yellow	--	DC24V	10	280	28	50	18 (CC)	CC/CV
Pink	--	DC24V	10	260	26	50	17 (CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	5	312.5	62.5	50	5	CV
W	≥90	DC24V	5	327.5	65.5	50	5	CV
W+WW	≥90	DC24V	10	635	63.5	50	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	67.98	20.6	62.5	5	CV
G	--	DC24V	3.3	176.55	53.5	62.5	5	CV
B	--	DC24V	3.3	34.65	10.5	62.5	5	CV
RGB	--	DC24V	10	280	28	62.5	5	CV

RGBW

PARAMETER



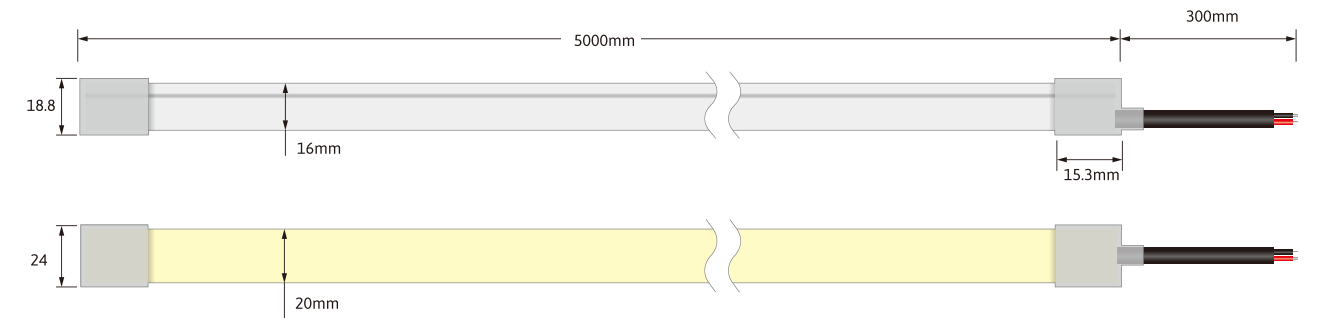
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	168.75	67.5	62.5	5	CV
	--	DC24V	10	390	39	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	170	68	62.5	5	CV
RGBW	--	DC24V	10	380	38	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(4000K ⁺⁵⁰⁰ ₋₂₀₀)	≥80	DC24V	2.5	176.25	70.5	62.5	5	CV
RGBW	--	DC24V	10	370	37	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(6500K±500)	≥80	DC24V	2.5	172	68.8	62.5	5	CV
RGBW	--	DC24V	10	370	37	62.5	5	CV

PL-N2016

IP67 FLEX LEDNEON PL-N2016, Top bend, DC24V. Cross section size 20mm x 16mm(W x H), which is vertical bending with diameter of 200mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



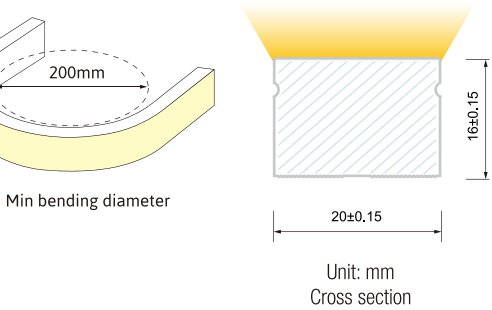
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _a min=-25 C , T _a max (Table below)

LEDNEON 2016	Low Output	Std Output	High Output
Power(W/m)	5w	10w	15w
Max. Ambient tempt.(T _a max)	55 C	45 C	35 C

- Note:
- When ambient temperature reaches 55 C, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 67

Warranty
3 Years



Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	495	49.5	50	17(CC)	CC/CV
2400K±150	≥90	DC24V	10	525	52.5	50	17(CC)	CC/CV
2700K±150	≥90	DC24V	10	590	59	50	17(CC)	CC/CV
3000K±150	≥90	DC24V	10	590	59	50	17(CC)	CC/CV
3500K±200	≥90	DC24V	10	555	55.5	50	17(CC)	CC/CV
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	630	63	50	17(CC)	CC/CV
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	625	62.5	50	17(CC)	CC/CV
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	10	625	62.5	50	17(CC)	CC/CV
Red	--	DC24V	10	290	29	50	18(CC)	CC/CV
Green	--	DC24V	10	610	61	50	17(CC)	CC/CV
Blue	--	DC24V	10	135	13.5	50	17(CC)	CC/CV
Yellow	--	DC24V	10	280	28	50	18(CC)	CC/CV
Pink	--	DC24V	10	260	26	50	17(CC)	CC/CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
WW	≥90	DC24V	5	312.5	62.5	50	5	CV
W	≥90	DC24V	5	327.5	65.5	50	5	CV
W+WW	≥90	DC24V	10	635	63.5	50	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	67.98	20.6	62.5	5	CV
G	--	DC24V	3.3	176.55	53.5	62.5	5	CV
B	--	DC24V	3.3	34.65	10.5	62.5	5	CV
RGB	--	DC24V	10	280	28	62.5	5	CV

RGBW
PARAMETER



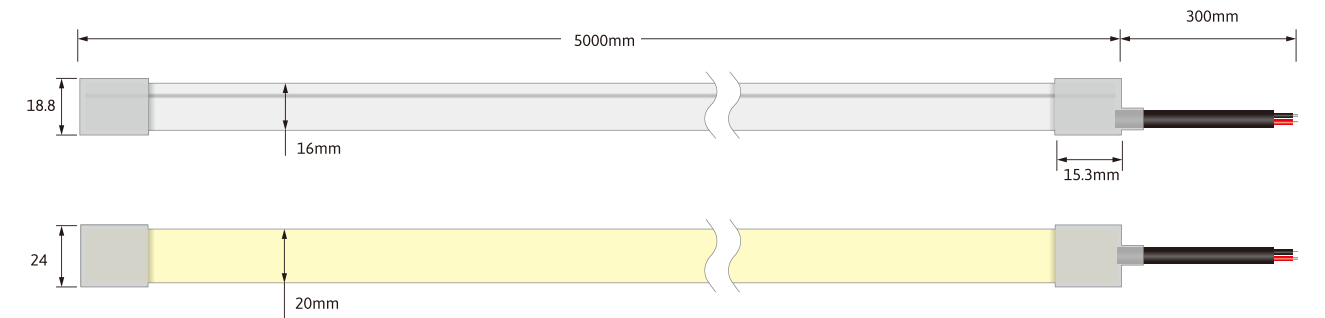
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	168.75	67.5	62.5	5	CV
	--	DC24V	10	390	39	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	170	68	62.5	5	CV
RGBW	--	DC24V	10	380	38	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(4000K ⁺⁵⁰⁰ ₋₂₀₀)	≥80	DC24V	2.5	176.25	70.5	62.5	5	CV
RGBW	--	DC24V	10	370	37	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(6500K±500)	≥80	DC24V	2.5	172	68.8	62.5	5	CV
RGBW	--	DC24V	10	370	37	62.5	5	CV

PL-N2016

IP67 FLEX LEDNEON PL-N2016, Top bend, DC24V. Cross section size 20mm x 16mm(W x H), which is vertical bending with diameter of 200mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



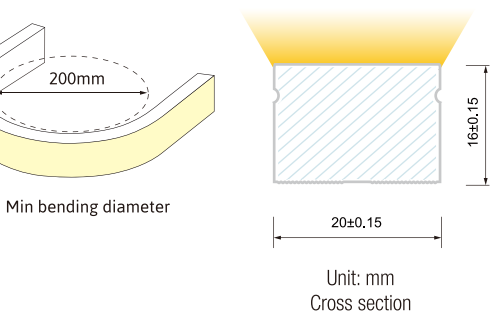
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _a min=-25 C , T _a max (Table below)

LEDNEON 2016	Low Output	Std Output	High Output
Power(W/m)	5w	10w	15w
Max. Ambient tempt.(T _a max)	55 C	45 C	35 C

- Note:
- When ambient temperature reaches 55 C, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 67

Warranty
3 Years



Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	495	49.5	50	17(CC)	CC/CV
2400K±150	≥90	DC24V	10	525	52.5	50	17(CC)	CC/CV
2700K±150	≥90	DC24V	10	590	59	50	17(CC)	CC/CV
3000K±150	≥90	DC24V	10	590	59	50	17(CC)	CC/CV
3500K±200	≥90	DC24V	10	555	55.5	50	17(CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	10	630	63	50	17(CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	10	625	62.5	50	17(CC)	CC/CV
6500K ^{+200 -600}	≥90	DC24V	10	625	62.5	50	17(CC)	CC/CV
Red	--	DC24V	10	290	29	50	18(CC)	CC/CV
Green	--	DC24V	10	610	61	50	17(CC)	CC/CV
Blue	--	DC24V	10	135	13.5	50	17(CC)	CC/CV
Yellow	--	DC24V	10	280	28	50	18(CC)	CC/CV
Pink	--	DC24V	10	260	26	50	17(CC)	CC/CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
WW	≥90	DC24V	5	312.5	62.5	50	5	CV
W	≥90	DC24V	5	327.5	65.5	50	5	CV
W+WW	≥90	DC24V	10	635	63.5	50	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	67.98	20.6	62.5	5	CV
G	--	DC24V	3.3	176.55	53.5	62.5	5	CV
B	--	DC24V	3.3	34.65	10.5	62.5	5	CV
RGB	--	DC24V	10	280	28	62.5	5	CV

RGBW
PARAMETER



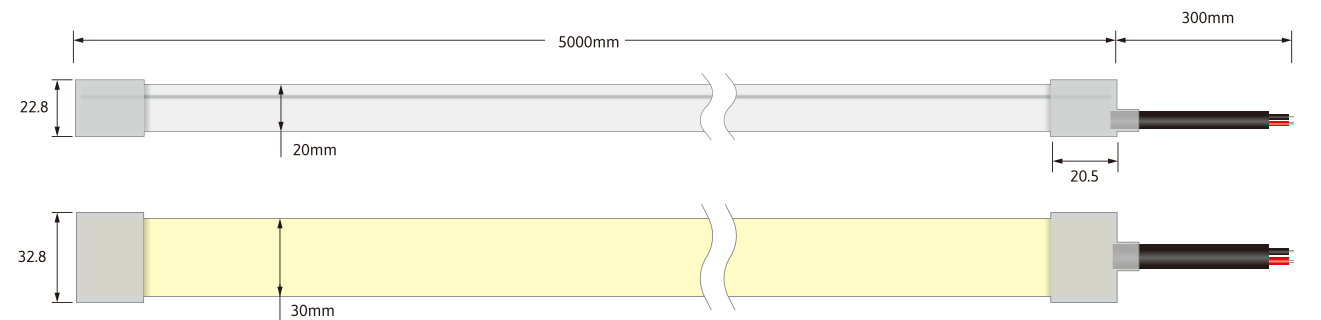
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	168.75	67.5	62.5	5	CV
	--	DC24V	10	390	39	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	170	68	62.5	5	CV
RGBW	--	DC24V	10	380	38	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(4000K ^{+500 -200})	≥80	DC24V	2.5	176.25	70.5	62.5	5	CV
RGBW	--	DC24V	10	370	37	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	2.5	47.5	19	62.5	5	CV
G	--	DC24V	2.5	156.25	62.5	62.5	5	CV
B	--	DC24V	2.5	38.75	15.5	62.5	5	CV
W(6500K±500)	≥80	DC24V	2.5	172	68.8	62.5	5	CV
RGBW	--	DC24V	10	370	37	62.5	5	CV

PL-N3020

IP67 FLEX LEDNEON PL-N3020, Top bend, DC24V. Cross section size 30mm x 20mm(W x H), which is vertical bending with diameter of 300mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



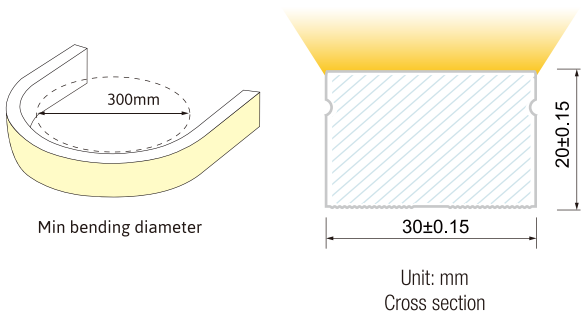
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	16w/20w/24w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{min} = -25 C, T _{max} (Table below)

LEDNEON 3020	Low Output	Std Output	High Output
Power(W/m)	16W	20W	24W
Max. Ambient tempt.(T _a max)	55 C	45 C	35 C

- Note:
- When ambient temperature reaches 55 C, the power is suggested to be 16W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 67

Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	20	1020	51	50	9(CC)	CC/CV
2400K±150	≥90	DC24V	20	1040	52	50	9(CC)	CC/CV
2700K±150	≥90	DC24V	20	1210	60.5	50	9(CC)	CC/CV
3000K±150	≥90	DC24V	20	1220	61	50	9(CC)	CC/CV
3500K±200	≥90	DC24V	20	1130	56.5	50	9(CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	20	1280	64	50	9(CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	20	1300	65	50	9(CC)	CC/CV
6500K ^{+200 -600}	≥90	DC24V	20	1180	59	50	9(CC)	CC/CV
Red	--	DC24V	20	530	26.5	50	9(CC)	CC/CV
Green	--	DC24V	20	1240	62	50	9(CC)	CC/CV
Blue	--	DC24V	20	270	13.5	50	9(CC)	CC/CV
Yellow	--	DC24V	20	520	26	50	9(CC)	CC/CV
Pink	--	DC24V	20	520	26	50	9(CC)	CC/CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	10	610	61	41.66	5	CV
W	≥90	DC24V	10	650	65	41.66	5	CV
W+WW	≥90	DC24V	20	1230	61.5	41.66	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	6.66	133.2	20	41.66	5	CV
G	--	DC24V	6.66	342.99	51.5	41.66	5	CV
B	--	DC24V	6.66	69.93	10.5	41.66	5	CV
RGB	--	DC24V	20	540	27	41.66	5	CV

RGBW
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	95	19	41.66	5	CV
G	--	DC24V	5	262.5	52.5	41.66	5	CV
B	--	DC24V	5	70	14	41.66	5	CV
W(2700K±200)	≥80	DC24V	5	305	61	41.66	5	CV
RGBW	--	DC24V	20	720	36	41.66	5	CV

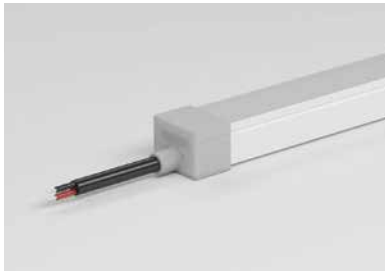
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	95	19	41.66	5	CV
G	--	DC24V	5	262.5	52.5	41.66	5	CV
B	--	DC24V	5	70	14	41.66	5	CV
W(3000K±200)	≥80	DC24V	5	302.5	60.5	41.66	5	CV
RGBW	--	DC24V	20	720	36	41.66	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	95	19	41.66	5	CV
G	--	DC24V	5	262.5	52.5	41.66	5	CV
B	--	DC24V	5	70	14	41.66	5	CV
W(4000K ^{+500 -200})	≥80	DC24V	5	320	64	41.66	5	CV
RGBW	--	DC24V	20	720	36	41.66	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	95	19	41.66	5	CV
G	--	DC24V	5	262.5	52.5	41.66	5	CV
B	--	DC24V	5	70	14	41.66	5	CV
W(6500K±500)	≥80	DC24V	5	313	62.6	41.66	5	CV
RGBW	--	DC24V	20	720	36	41.66	5	CV

Cable Entry

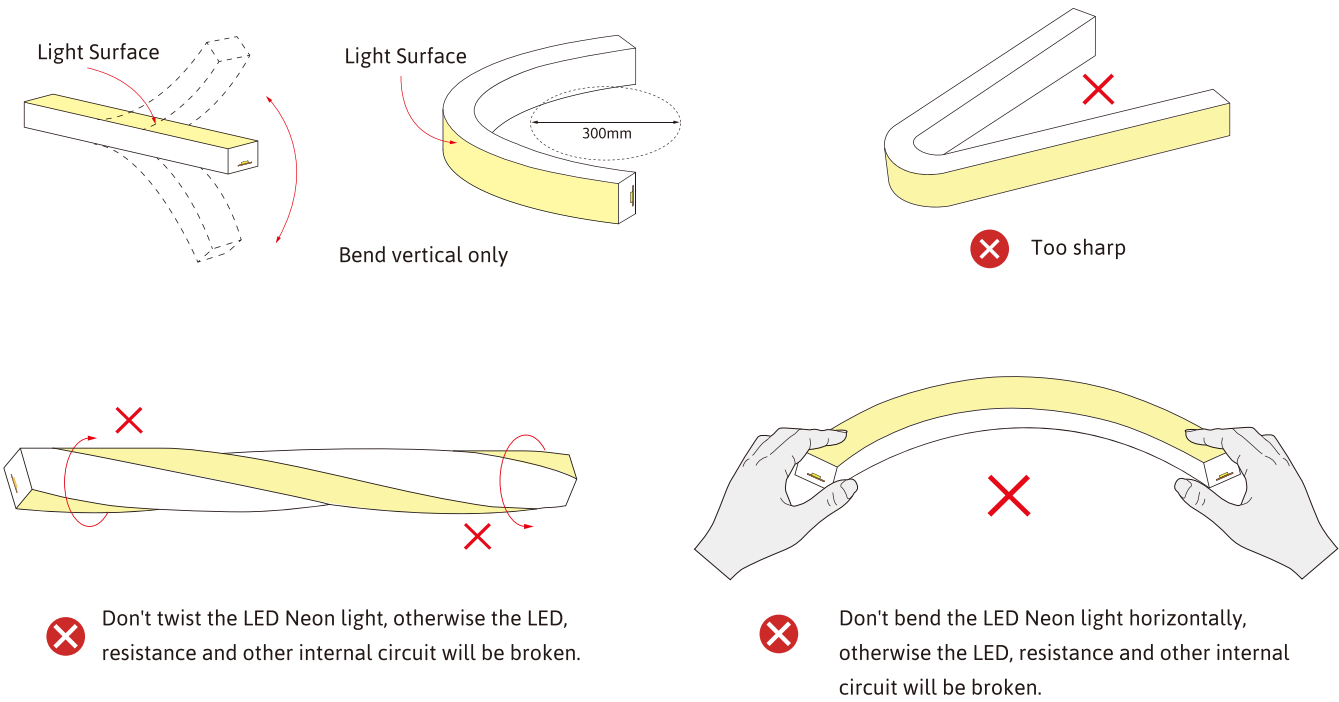
Silicone end cap



Front Cable Entry:
The cable could be hidden in all directions by the flexible design.

Operation Guidance

The LED neon Flex can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 300mm bending diameter;

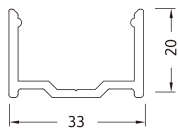


Accessories

Aluminium Mounting clips



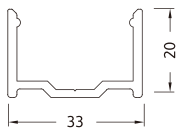
Dimension:
20x33x20mm(L x W x H)



Aluminium Profile



Dimension:
1000x33x20mm(L x W x H)



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN
Color: Black



IP67 Connector 2PIN, 3PIN, 4PIN, 5PIN
Wire Gauge: 0.5mm²/22AWG
Color: Black



Silicone closed end cap
Dimension: 20.5x32.8x22.8mm
Material: silicone
Color: Semi-Transparent



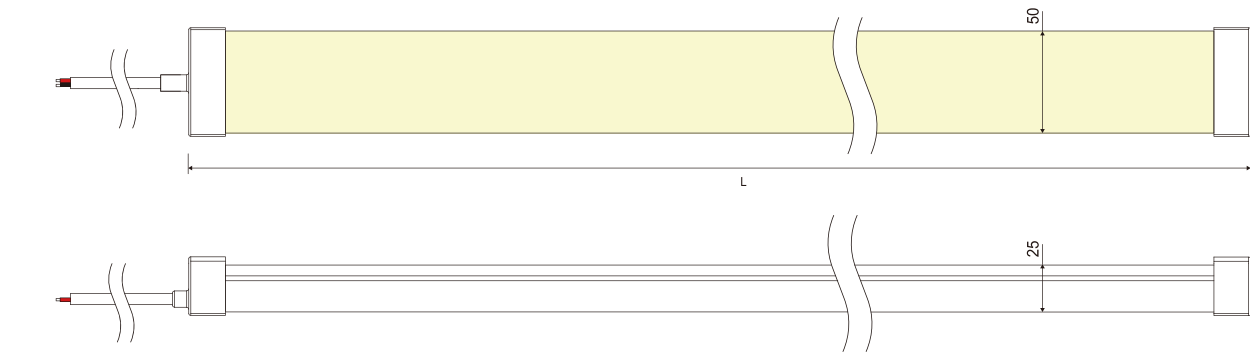
Scissor
Material: stainless steel

PL-N5025

IP67 FLEX LEDNEONPL-N5025, Top bend, DC24V. Cross section size 50mm x 25mm(W x H), which is vertical bending with diameter of 500mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.

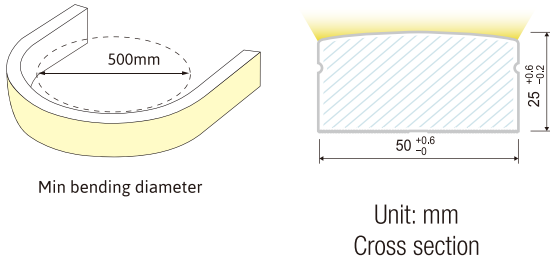


Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	16w/20w/24w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _a min=-25 C, T _a max (Table below)

LEDNEON 3020	Low Output	Std Output	High Output
Power(W/m)	16W	20W	24W
Max. Ambient tempt.(T _a max)	55 C	45 C	35 C



- Note:
- When ambient temperature reaches 55 °C, the power is suggested to be 16W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

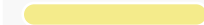
Consistency
One Bin

Length
5M

Waterproof
Grade
IP 67

Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K±150	≥90	DC24V	15	792	52.8	50	12 (CC)	CC/CV
3000K±150	≥90	DC24V	15	808	53.9	50	12 (CC)	CC/CV
4000K±300	≥90	DC24V	15	869	57.9	50	12 (CC)	CC/CV
6000K±500	≥90	DC24V	15	826	55.1	50	12 (CC)	CC/CV
Red	--	DC24V	15	365	24.4	50	12 (CC)	CC/CV
Green	--	DC24V	15	974	65.0	50	12 (CC)	CC/CV
Blue	--	DC24V	15	216	14.4	50	12 (CC)	CC/CV
Yellow	--	DC24V	15	292	19.5	50	12 (CC)	CC/CV
Orange	--	DC24V	15	370	24.7	50	12 (CC)	CC/CV
Pink	--	DC24V	15	762	50.8	50	12 (CC)	CC/CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K±150	≥90	DC24V	7.5	390	52.1	41.7	5	CV
6000K±500	≥90	DC24V	7.5	402	53.6	41.7	5	CV
4000K±300	≥90	DC24V	15	794	53.0	41.7	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	85	17.1	41.7	5	CV
G	--	DC24V	5	330	66.0	41.7	5	CV
B	--	DC24V	5	61	12.2	41.7	5	CV
RGB	--	DC24V	15	516	34.4	41.7	5	CV

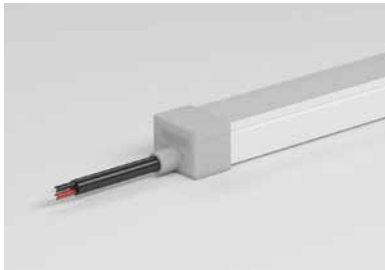
RGBW
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.75	64	17.1	41.7	5	CV
G	--	DC24V	3.75	187	49.9	41.7	5	CV
B	--	DC24V	3.75	51	13.5	41.7	5	CV
W(2200-2600K)	≥80	DC24V	3.75	205	54.7	41.7	5	CV
RGBW	--	DC24V	15	512	34.1	41.7	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.75	65	17.2	41.7	5	CV
G	--	DC24V	3.75	188	50.2	41.7	5	CV
B	--	DC24V	3.75	52	13.8	41.7	5	CV
3000K $\begin{smallmatrix} +300 \\ -0 \end{smallmatrix}$	≥80	DC24V	3.75	199	52.9	41.7	5	CV
RGBW	--	DC24V	15	506	33.7	41.7	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.75	66	17.6	41.7	5	CV
G	--	DC24V	3.75	189	50.4	41.7	5	CV
B	--	DC24V	3.75	54	14.4	41.7	5	CV
4000 $\begin{smallmatrix} +200 \\ -400 \end{smallmatrix}$	≥80	DC24V	3.75	210	56.0	41.7	5	CV
RGBW	--	DC24V	15	524	35.0	41.7	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.75	65	17.4	41.7	5	CV
G	--	DC24V	3.75	191	51.0	41.7	5	CV
B	--	DC24V	3.75	54	14.3	41.7	5	CV
5500±500	≥80	DC24V	3.75	215	57.5	41.7	5	CV
RGBW	--	DC24V	15	528	35.2	41.7	5	CV

Cable Entry

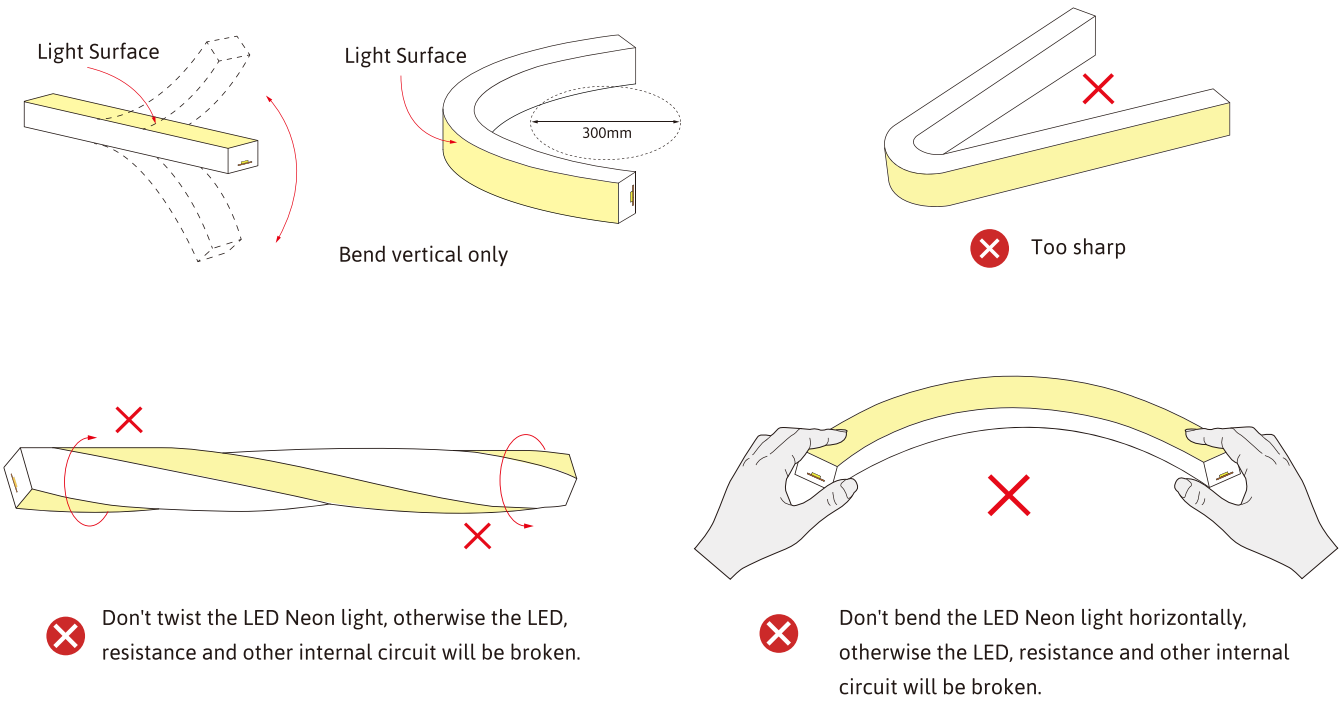
Silicone end cap



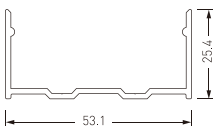
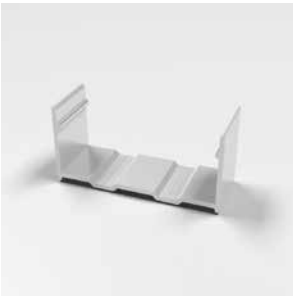
Front Cable Entry:
The cable could be hidden in all directions by the flexible design.

Operation Guidance

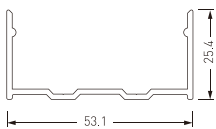
The LED neon Flex can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 300mm bending diameter;



Accessories



Aluminium Mounting clips
20x53.1x25.4mm(L x W x H)
Accessories:
Screw M3X16mm



Aluminium Profile
1000(±5)x53.1x25.4mm(L x W x H)
Accessories:
Screw M3X16mm



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN
Color: Black



IP67 Connector 2PIN, 3PIN, 4PIN, 5PIN
Wire Gauge: 0.5mm²/22AWG
Color: Black



Silicone closed end cap
Dimension: 26x53.2x28.8mm
Material: silicone
Color: Semi-Transparent



Scissor
Material: stainless steel

PL-ND16

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.

Unique optical light distribution structure design, uniform lighting surface and no shadow.

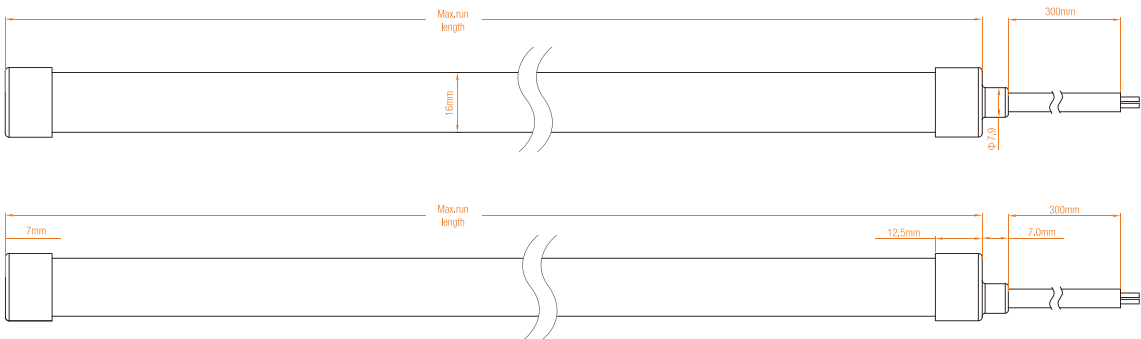
IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV

Excellent toughness, simple and stylish appearance, delicate and unique

3 years warranty, working life $\geq$ 30000 hours;



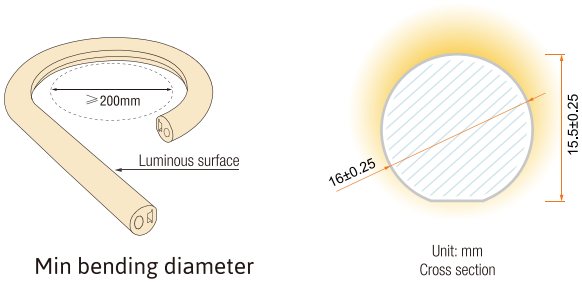
Dimension structure



Technical Data	
Voltage	DC24V
LED PIN Temperature	Max. 65 C
Storage Temperature	-25 C ~ 60 C
Ambient Temperature	Min.-25°C, Max (Table below)
CRI	$\geq$ 90

Power(w/m)	5 w/m	10 w/m
Efficacy(lm/w)@4000K	73lm/w	70.7lm/w
Max Ambient Temperature	50 C	45 C

- Note:
- When ambient temperature reaches 50 C, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2100K±150	$\geq$ 90	DC24V	10	560	56	50	13(CC)	CC/CV
2400K±150	$\geq$ 90	DC24V	10	590	59	50	13(CC)	CC/CV
2700K±150	$\geq$ 90	DC24V	10	660	66	50	13(CC)	CC/CV
3000K±150	$\geq$ 90	DC24V	10	650	65	50	13(CC)	CC/CV
3500K±200	$\geq$ 90	DC24V	10	630	63	50	13(CC)	CC/CV
4000K ^{+400 -200}	$\geq$ 90	DC24V	10	700	70	50	13(CC)	CC/CV
5000K ^{+500 -300}	$\geq$ 90	DC24V	10	730	73	50	13(CC)	CC/CV
6500K ^{+200 -600}	$\geq$ 90	DC24V	10	730	73	50	13(CC)	CC/CV
Red	--	DC24V	10	310	31	50	17(CC)	CC/CV
Green	--	DC24V	10	780	78	50	13(CC)	CC/CV
Blue	--	DC24V	10	160	16	50	13(CC)	CC/CV
Yellow	--	DC24V	10	240	24	50	17(CC)	CC/CV
Pink	--	DC24V	10	330	33	50	13(CC)	CC/CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
WW	$\geq$ 90	DC24V	5	365	73	50	5	CV
W	$\geq$ 90	DC24V	5	375	75	50	5	CV
W+WW	$\geq$ 90	DC24V	10	730	73	50	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	75.9	23	50	5	CV
G	--	DC24V	3.3	231	70	50	5	CV
B	--	DC24V	3.3	46.2	14	50	5	CV
RGB	--	DC24V	10	350	35	50	5	CV

Mounting Way



Transparent mounting clips
20x16.6x15.3mm(L x W x H)



Transparent mounting clips
20x16.6x15.3mm(L x W x H)

02 LED FLEX WALL WASHER LIGHT SERIES

The free bending structure design can perfectly fit the outdoor curved surface of various radians to achieve the effect of wall washing



PL-WL2620 Eco

- Using optical grade environmental protection silicone material, salt resistance, acid and alkali corrosion resistance, UV resistance;
- Integrated extrusion molding process, waterproof grade up to IP65;
- Unique optical structure design, lens and lamp body integrated molding;
- Hidden end cap design, easy to install;
- Simple and beautiful appearance, suitable for wall washing and lighting on the building surfaces;



Single color

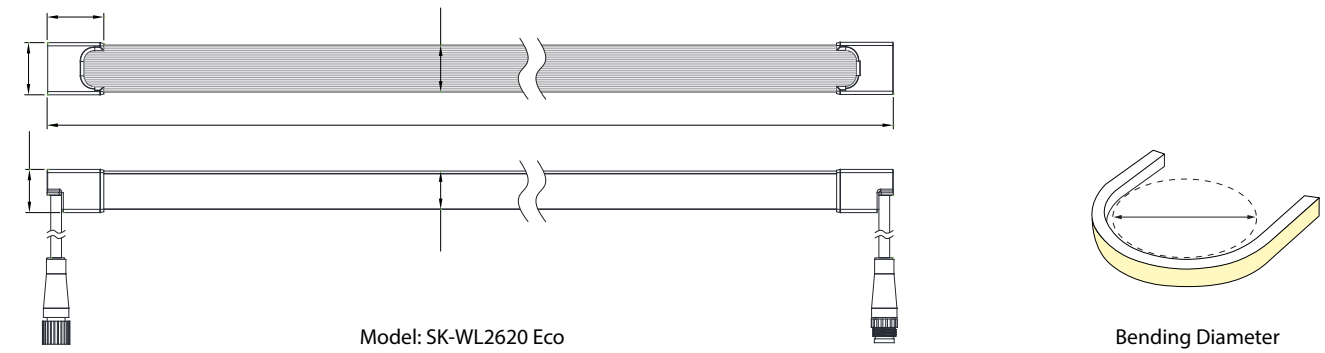
PARAMETER



CCT	Power(W/M)	Lumens/m
6500K ^{+300K} _{-500K}	10W± 1W	1060LM
4000K±200K	10W± 1W	1090LM
3000K±200K	10W± 1W	945LM
2700K±150K	10W± 1W	940LM
R(620-625nm)	10W± 1W	260LM
G(520-530nm)	10W± 1W	855M
B(460-465nm)	10W± 1W	185LM

Remarks: 1. Test ambient temperature: 25 °C(±2°C); 2. Brightness deviation: ±10%;

Dimension



Technical Data	
Input Voltage	24V
CRI	≥90
Beam angle（50%）	25x100°
LEDs / M	140LEDs
Warranty period	3 years

Control mode	PWM
Working temperature	-25 C ~+60C
Cutable length	50mm
Waterproof level	IP65
Max.run length	5m
Net weight	515g/m

Note :

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

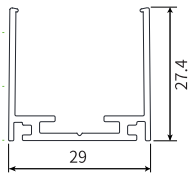
Length
5M

Waterproof
Grade
IP 65

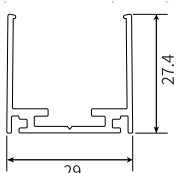
Warranty
3 Years

Accessories

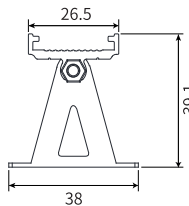
Aluminum Clip



Aluminum Profile



Adjustable Angle Clip
(use with aluminum clips or profile)

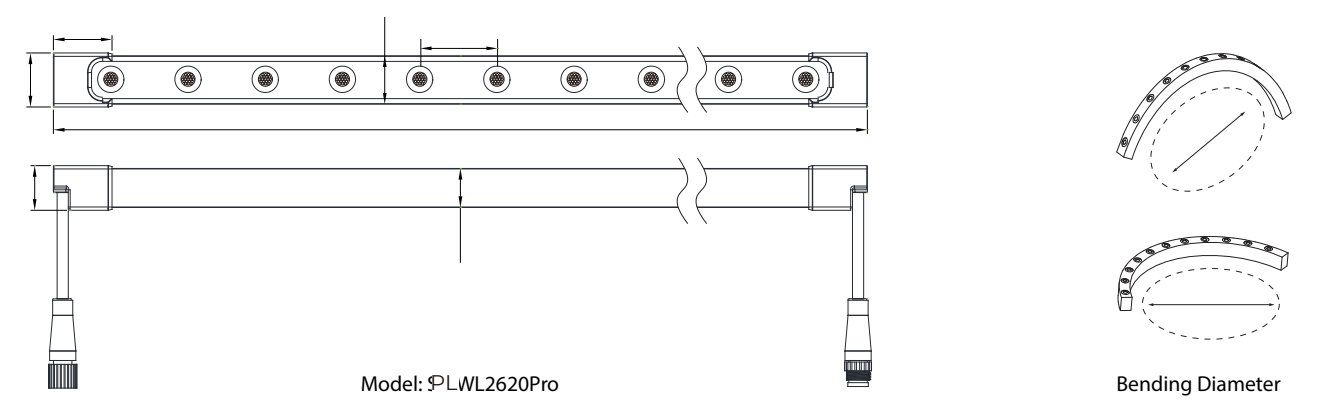


PL-WL2620Pro

- Using optical grade environmental protection silicone material, salt resistance, acid and alkali corrosion resistance, UV resistance;
- The free bending structure design can perfectly fit the outdoor curved surface of various arcs to achieve the effect of wall washing;
- Integrated extrusion molding process, waterproof grade up to IP65
- Patented optical structure design, a variety of angles optional;
- Hidden end cap design, easy to install;



Dimension



Technical Data	
Input Voltage	24V
CRI	> 80
Beam angle（50%）	15°/30°/50°/20*35°/18*20°/20*55°
LEDs / M	24LEDs
Warranty period	3 years

Control mode	PWM
Working temperature	-25℃~+40℃
Cutable length	250mm
Waterproof level	IP65
Max.run length	5m
Net weight	590g/m

Note :

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Length
5M

Waterproof
Grade
IP 65

Warranty
3 Years

Single color

PARAMETER



CCT Tunable

PARAMETER



RGB

PARAMETER



DMX512

PARAMETER



CCT	CRI (Ra)	Power (w)	Lumen (LM)	Efficiency (LM/W)
2700K±150	80	24	1525	63.5
3000K±200			1580	65.8
4000K±200			1545	64.4
6500K ⁺³⁰⁰ ₋₅₀₀			1480	61.7

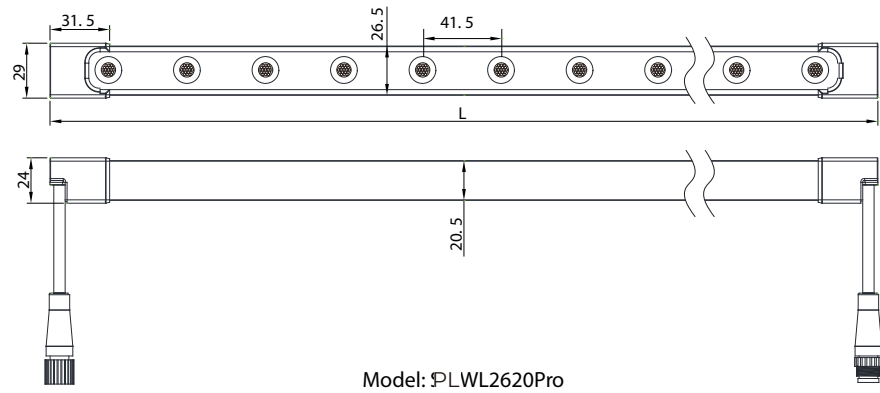
Remarks: 1. Test ambient temperature: 25℃(±2℃); 2. Brightness deviation: ±10%;
3. The Angle of the test sample is 30°

CCT	CRI (Ra)	Power (w)	Lumen (LM)	Efficiency (LM/W)
2700K±150	80	12	850	70.8
6500K ⁺³⁰⁰ ₋₅₀₀	80	12	840	70
2700K+6500K	/	24	1600	66.7

CCT	CRI (Ra)	Power (w)	Lumen (LM)	Efficiency (LM/W)
R	/	6	150	25
G		6	360	60
B		6	65	10.8
RGB		18	515	28.6

CCT	CRI (Ra)	Power (W)	Lumen (LM)	Efficiency (LM/W)	Pixel (PCS)	IC Model
R	/	6	145	24.2	4	SM18522PH
G	/	6	360	60		
B	/	6	65	10.8		
RGB	/	18	515	28.6		

RGBW
 LED Flex wall Washer light Series
 Model :PLWL2620Pro



Technical Data		Working temperature	-25 C~+40C
Input Voltage	24V	Cutable length	250mm
Beam angle (50%)	35°/30°45°	Waterproof level	IP65
LEDs / M	24LEDs	Max.run length	5m
Warranty period	3 years	Net weight	590g/m
Control mode	PWM		

RGBW
 PARAMETER



CCT	CRI (Ra)	Power (w)	Lumen (LM)	Efficiency (LM/W)
R	--	4.5	140	31
G	--	4.5	340	75
B	--	4.5	64	14
W	80	4.5	380	84
RGBW	--	18W	850	47

Remarks: 1. Test ambient temperature: 25 °C(±2°C); 2. Brightness deviation: ±10%;
 3. The Angle of the test sample is 30°

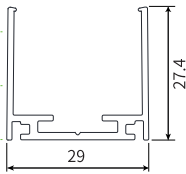
DMX512
 PARAMETER



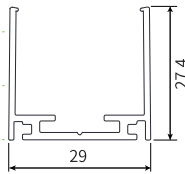
CCT	CRI (Ra)	Power (W)	Lumen (LM)	Efficiency (LM/W)	Pixel (PCS)	IC Model
R	/	--	5	135	4	SM18522PH
G	/	--	5	330		
B	/	--	5	65		
W	/	80	5	356		
RGBW	/	--	18	833		

Accessories

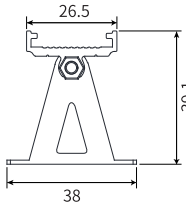
Aluminum Clip



Aluminum Profile



Adjustable Angle Clip
 (use with aluminum clips or profile)



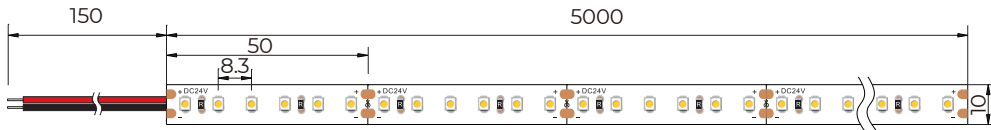
PL-WL2Q120

- The design of high reflection cup bracket makes the light concentration effect better, and can achieve the effect of far light projection distance of the wall washer. At the same time, it also has the characteristics of flexible bending of the conventional flexible led strip.
- Small beam Angle can effectively reduce glare, and its illumination can reach more than twice that of conventional led strip under the same specification.
- It can be used in covered channel, cabinet and other places to realize the effect of wall washing and light gathering.



Dimension

Model: PLWL2Q120



Technical Data	
SMD Type	SMD2835 High holder LED
Input voltage	24V
Bram angle	60°
LEDs /m	120LEDs

IP level	IP20
Warranty	3years
Working temperture	-25 C ~+45C
Cutttable length	50mm
PCB Width	10mm

Note :

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Warranty
3 Years

specs	CCT	CRI (Ra)	Power (w)	Lumen (LM)	efficiency (LM/W)	Beam Angle
SMD2835 High holder LED	2700K	80	14.4	1020	70.8	 60°
	3000K	80	14.4	1080	75	
	4000K	80	14.4	1020	71	
	6500K	80	14.4	1056	73.3	

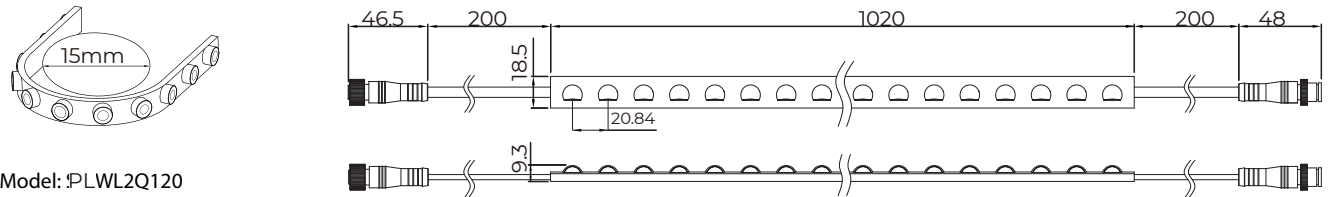
PL-WLPRO2Q48

- Adopting TPU material, it's resistant to yellowing, high temperature, corrosion, weak acid and alkali, and has great flexibility.
- PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability.
- It can replace the traditional hard wall washer light or LED strip.
It's small in size, light in weight, flexible and easy to install.
- Various beam angles (115x50°) are available for different applications.
- With low voltage DC24V, higher safety factor



Dimension

Model: PLWL2Q120



Technical Data	
Input voltage	24V
Power	18W
CRI(Ra)	> 90
Bram angle	115x50°

LEDs /m	48LEDs
IP Level	IP67
Working hour	3years
Working temperture	-25 C ~+45C
Cutttable length	125mm

Note :

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Waterproof
Grade
IP 65

Warranty
3 Years

CCT	2700K ±100	3000K ±100	4000K ±200	6500K ±200
Lumen/m	1414lm	1564lm	1539lm	1587lm

02 COB LED STRIP



COB LED STRIP PLUS

Single Color | CCT Tunable | RGB | RGBW | RGBWW | SPI

More extreme vision: Intergrated End Cap \ Tricolor extrusion \ Intergrated Lamp Body ;

More perfect touch: Frosted Process \ Food grade silicone material;

More stable performance: High density LED source \ Food grade silicone material, anti corrosion, anti UV .

COB FLEXIBLE LED STRIP

No spot, no shadow, soft light.

The antistatic grade (MIL – STD – 883 – e) : HBM level 2 (2000 ~ 4000 v).

The largest emitting angle can reach to 180°.

Can be cut, and be free to cut off and weld along with the above cutting line.

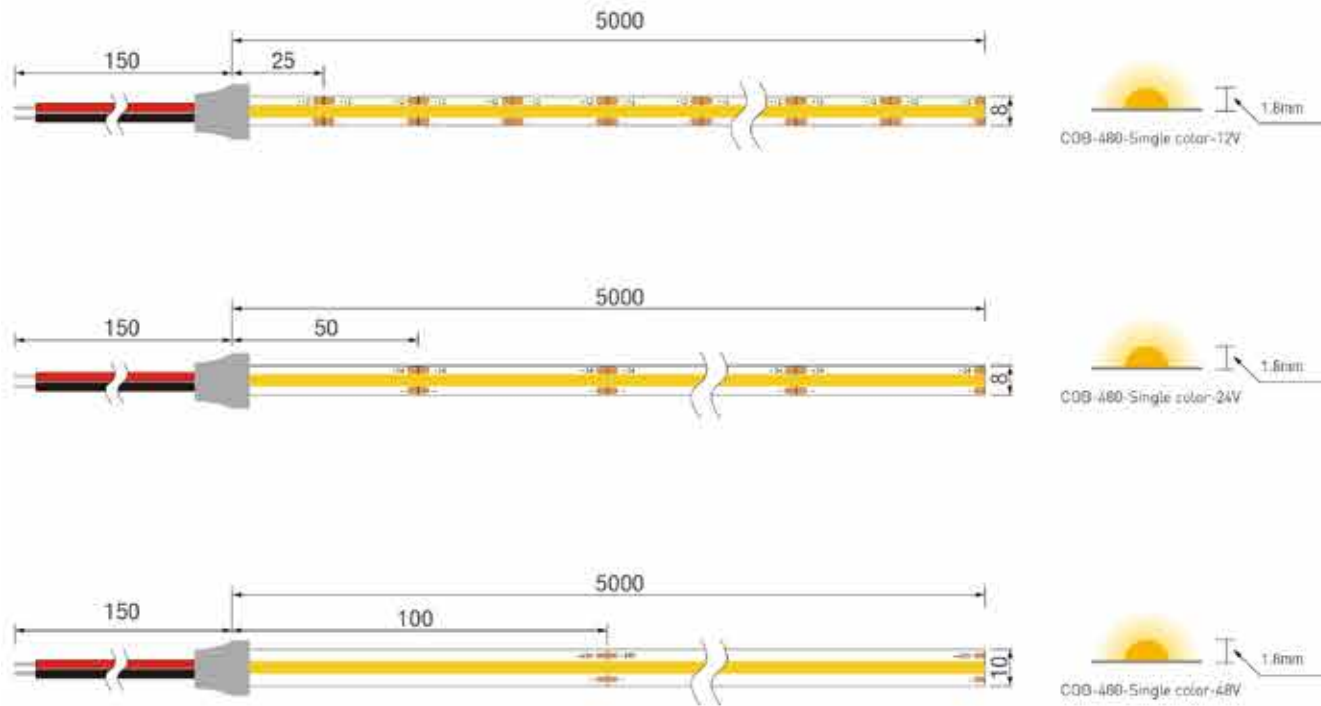


COB 480 Single color

No spot, no shadow, soft light.
The antistatic grade (MIL - STD - 883 - e) : HBM level 2 (2000 - 4000 v).
The largest emitting angle can reach to 180°.
Can be cut, and be free to cut off and weld along with the above cutting line.



Dimension



Technical Data		SMD Type	
Input voltage	12V/24V/48V	Working hour	35000h
CRI(Ra)	≥ 90	Working temperture	-25 C~+45 C
Bram angle	180°	Cuttable length(mm)	25/50/100
Warranty	3years	PCB Width(mm)	8/10

COB-480-Single color-12V

CCT (K)	CRI	SDCM	Energy efficiency class	voltage (V)	Power (W/M)	Lumen (LM/m)	Efficiency (LM/w)	Unit cut (mm)	Max.run length(m)	CC/CV
2700K±100	≥ 90	<5	/	DC24V	5	415	83	50	5	CV
					10	830				
					15	1245				
3000K±150	≥ 90	<5	/	DC24V	5	480	96	50	5	CV
					10	960				
					15	1440				
4000K±250	≥ 90	<5	/	DC24V	5	500	100	50	5	CV
					10	1000				
					15	1500				
6500K±300	≥ 90	<5	/	DC24V	5	550	110	50	5	CV
					10	1100				
					15	1650				

COB-480-Single color-24V

CCT (K)	CRI	SDCM	Energy efficiency class	voltage (V)	Power (W/M)	Lumen (LM/m)	Efficiency (LM/w)	Unit cut (mm)	Max.run length(m)	CC/CV
2700K±100	≥ 90	<5	/	DC24V	5	415	83	50	5	CV
					10	830				
					15	1245				
3000K±150	≥ 90	<5	/	DC24V	5	480	96	50	5	CV
					10	960				
					15	1440				
4000K±250	≥ 90	<5	/	DC24V	5	500	100	50	5	CV
					10	1000				
					15	1500				
6500K±300	≥ 90	<5	/	DC24V	5	550	110	50	5	CV
					10	1100				
					15	1650				

COB-480-Single color-48V

CCT (K)	CRI	SDCM	Energy efficiency class	voltage (V)	Power (W/M)	Lumen (LM/m)	Efficiency (LM/w)	Unit cut (mm)	Max.run length(m)	CC/CV
2700K±100	≥ 90	<5	/	DC24V	5	420	84	50	5	CV
					10	840				
					15	1260				
3000K±150	≥ 90	<5	/	DC24V	5	480	96	50	5	CV
					10	960				
					15	1440				
4000K±250	≥ 90	<5	/	DC24V	5	470	94	50	5	CV
					10	940				
					15	1410				
6500K±300	≥ 90	<5	/	DC24V	5	520	104	50	5	CV
					10	1040				
					15	1560				

COB-560-Single color(CC)

No spot, no shadow, soft light.
The antistatic grade [MIL - STD - 883 - e] : HBM level 2 [2000 ~ 4000 v].
The largest emitting angle can reach to 180°.
Can be cut,and be free to cut off and weld along with the above cutting line.

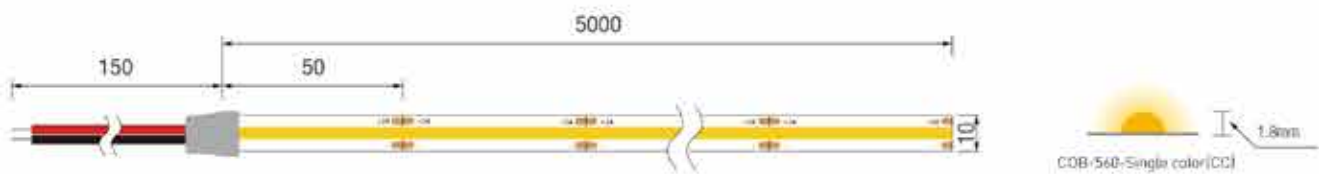

Consistency
One Bin


Voltage
24v DC


Warranty
3 Years



Dimension



Technical Data		SMD Type	COB
Input voltage	24V	Working hour	35000h
CRI(Ra)	>90	Working temperture	-25℃~+45℃
Bram angle	180°	Cutttable length(mm)	50
Warranty	3years	PCB Width(mm)	10

SK-ST20Q560V24-CCX

CCT (K)	CRI	SDCM	Energy efficiency class	voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Unit cut (MM)	Max.run length(M)	CC/CV
2700K±100	>90	<5	/	DC24V	5	355	71	50	15	CC
					10	710			10	
3000K±150	>90	<5	/	DC24V	5	405	81	50	15	CC
					10	810			10	
4000K±250	>90	<5	/	DC24V	5	430	86	50	15	CC
					10	860			10	
6500K±300	>90	<5	/	DC24V	5	440	88	50	15	CC
					10	880			10	

COB-576-CCT Tunable

No spot, no shadow, soft light.
The antistatic grade [MIL - STD - 883 - e] : HBM level 2 [2000 ~ 4000 v].
The largest emitting angle can reach to 180°.
Can be cut,and be free to cut off and weld along with the above cutting line.


Consistency
One Bin


Voltage
24v DC


Warranty
3 Years



Dimension



Technical Data		SMD Type	COB
Input voltage	24V	Working hour	35000h
CRI(Ra)	> 90	Working temperture	-25℃~+45℃
Bram angle	180°	Cutttable length(mm)	27.8
Warranty	3years	PCB Width(mm)	10

SK-ST20Q576V24-Ca

CCT (K)	CRI	SDCM	Energy efficiency class	voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Unit cut (MM)	Max.run length(M)	CC/CV
2700K±100	>90	<5	/	DC24V	7.5	615	82	27.8	5	CV
					15	1230			10	
6500K±300	>90	<5	/	DC24V	7.5	750	100	27.8	5	CV
					15	1500			10	
2700K±6500K	>90	<5	/	DC24V	15	1365	91	27.8	5	CV
					30	2730			10	

COB-588-CCT Tunable DIM TO WARM

No spot, no shadow, soft light.

The antistatic grade (MIL - STD - 883 - e) : HBM level 2 (2000 - 4000 v).

The largest emitting angle can reach to 180°.

Can be cut,and be free to cut off and weld along with the above cutting line.



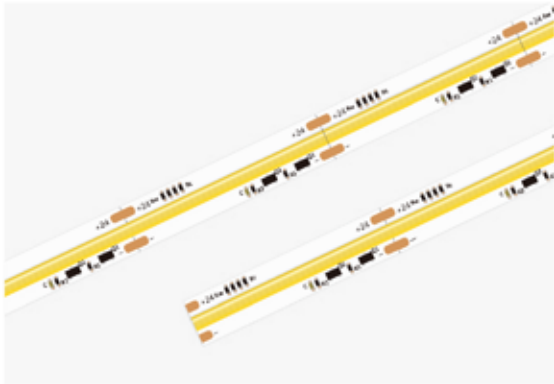
Consistency
One Bin



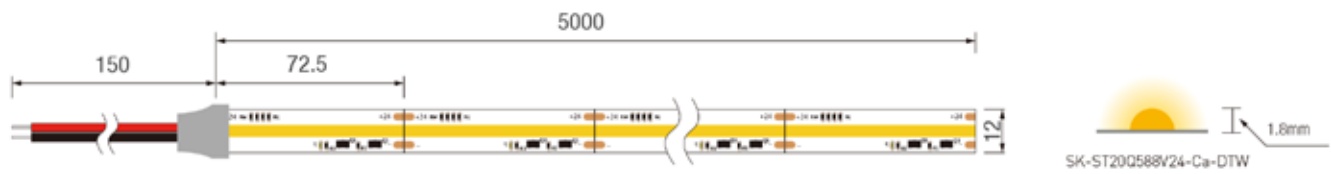
Voltage
24v DC



Warranty
3 Years



Dimension



Technical Data				SMD Type	COB
Input voltage	24V			Working hour	35000h
CRi(Ra)	≥90			Working temperture	-25℃~+45℃
Bram angle	180°			Cutttable length(mm)	72.5
Warranty	3years			PCB Width(mm)	12

SK-ST20Q588V24-Ca-DTW

CCT (K)	CRI	SDCM	Energy efficiency class	voltage (V)	Power (W/M)	Lumen (LM/m)	Efficiency (LM/w)	Unit cut (mm)	Max.run length(m)	CC/CV
2000K~3000K	≥90	<5	/	DC24V	15	412.5~1005	55~67	72.5	5	CV

COB-420-RGB

No spot, no shadow, soft light.

The antistatic grade (MIL - STD - 883 - e) : HBM level 2 (2000 - 4000 v).

The largest emitting angle can reach to 180°.

Can be cut,and be free to cut off and weld along with the above cutting line.



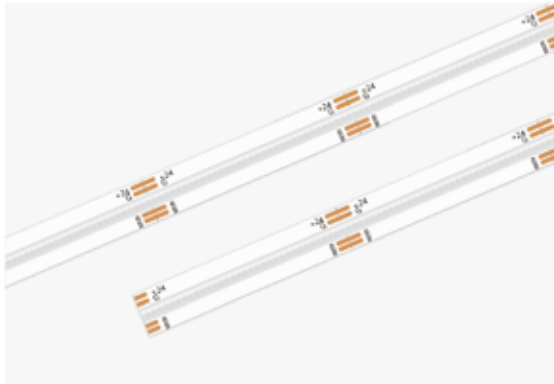
Consistency
One Bin



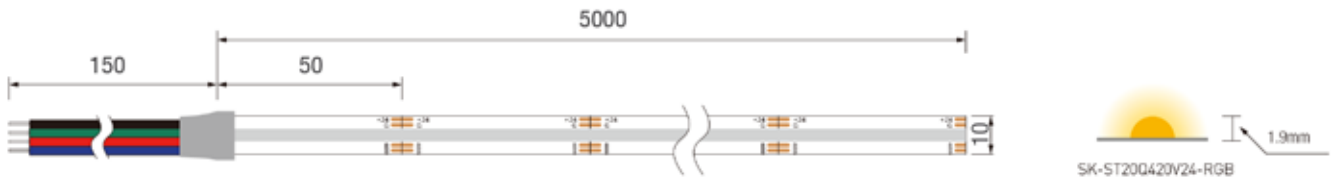
Voltage
24v DC



Warranty
3 Years



Dimension



Technical Data				Working hour	35000h
Input voltage	24V			Working temperture	-25℃~+45℃
Bram angle	180°			Cutttable length(mm)	50
Warranty	3years			PCB Width(mm)	10

SK-ST20Q420V24-RGB

CCT (K)	Wave length (nm)	SDCM	Energy efficiency class	voltage (V)	Power (W/M)	Lumen (LM/m)	Efficiency (LM/w)	Unit cut (mm)	Max.run length(m)	CC/CV
R	620-630	/	/	DC24V	7.4	162.8	22	50	5	CV
G	520-530	/	/	DC24V	3.4	340	100	50	5	CV
B	450-460	/	/	DC24V	4	56	14	50	5	CV
RGB	/	/	/	DC24V	15	555	37	50	5	CV

COB-840-RGB-WS2811

No spot, no shadow, soft light.

The antistatic grade [MIL - STD - 883 - e] : HBM level 2 [2000 - 4000 v].

The largest emitting angle can reach to 180°.

Can be cut,and be free to cut off and weld along with the above cutting line.



Consistency
One Bin



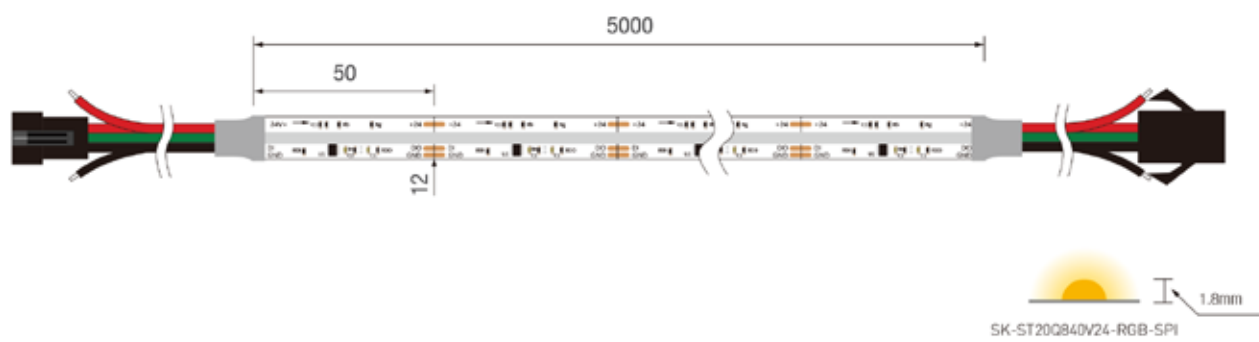
Voltage
24v DC



Warranty
3 Years



Dimension



Technical Data					SMD Type		COB			
Input voltage		24V			Working hour		35000h			
Bram angle		180°			Working temperture		-25℃~+45℃			
Warranty		3years			Cutttable length(mm)		50			
IC Model		WS2811			PCB Width(mm)		12			

SK-ST20Q840V12-RGB-SPI

CCT (K)	Wave length (nm)	SDCM	Energy efficiency class	voltage (V)	Power (W/M)	Lumen (LM/m)	Efficiency (LM/w)	Unit cut (mm)	Max.run length(m)	CC/CV
R	620-630	/	/	DC24V	8.4	159.6	19	50	5	CV
G	520-530	/	/	DC24V	8.4	630	75	50	5	CV
B	450-460	/	/	DC24V	8.4	92.4	11	50	5	CV
RGB	/	/	/	DC24V	22	814	37	50	5	CV

PL-ST20Q480-Cx-ERP(F/G)

No spot, no shadow, soft light.

The largest emitting angle can reach to 180°

With life span over 36000H,3-year warranty



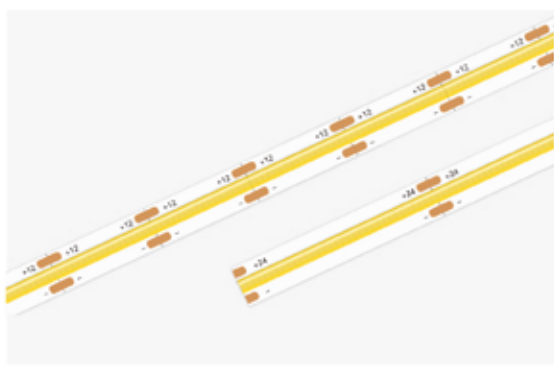
Consistency
One Bin



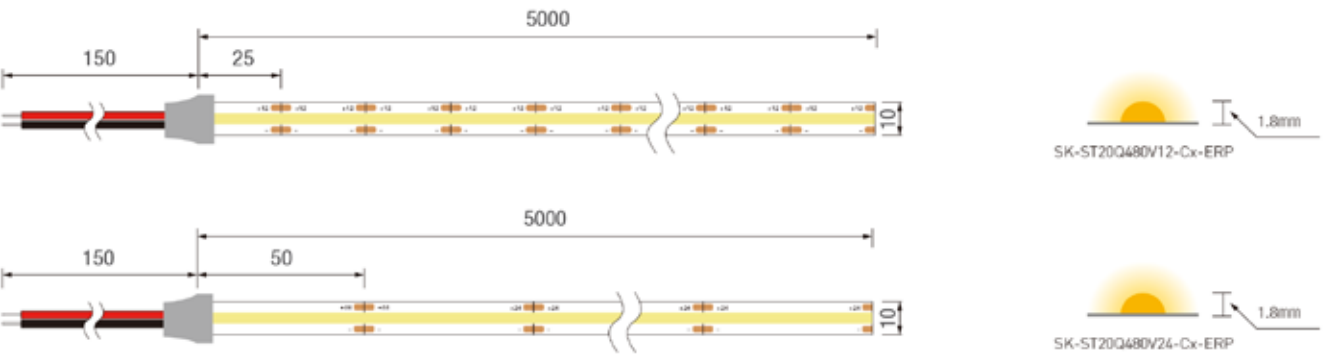
Voltage
12v/24v DC



Warranty
3 Years



Dimension



Technical Data					SMD Type		COB			
Input voltage		12V/24V			Working hour		35000h			
CRI(I _{Ra})		≥ 90			Working temperature		-25℃~+45℃			
Bram angle		180°			Cutttable length(mm)		25/50			
Warranty		3years			PCB Width(mm)		10			

SK-ST2Q480V12-Cx-ERP

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	10	5	416	83		
3000K	0.44/0.403			467	93		
4000K	0.38/0.38			522	104		
6500K	0.313/0.317			477	95		

SK-ST2Q480V24-Cx-ERP

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	10	5	446	89		
3000K	0.44/0.403			475	95		
4000K	0.38/0.38			500	100		
6500K	0.313/0.317			514	103		

Installation Instructions for Connector

Strip to Strip



Strip to Cable



Insert the strip into the connector and make sure the pad of the strip is in full contact with the pin on the connector.

Press down the metal pin on the connector so that the connector pin penetrates and secures the pad of the strip.

Finished product diagram.

Strip to Strip



Strip to Cable



Open the mobile mask on the side of the connector. Insert the strip into the connector and make sure the pad of the strip is in full contact with the pin on the connector.

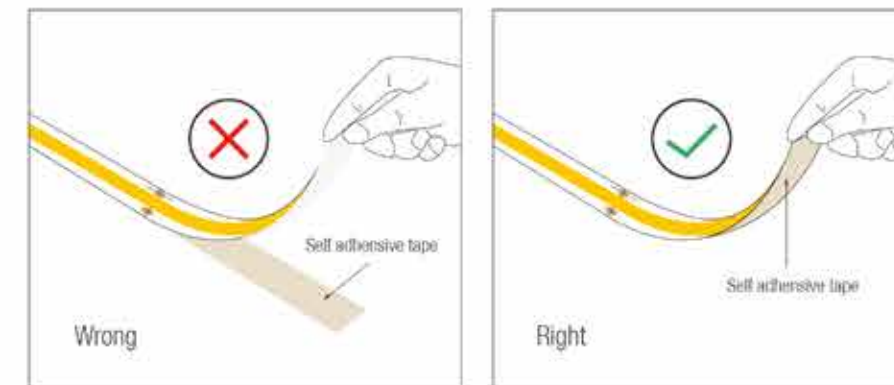
Press the connector's mask back in place so that the connector pin penetrates and secures the pad of the strip.

Finished product diagram.

Instructions for removing connector

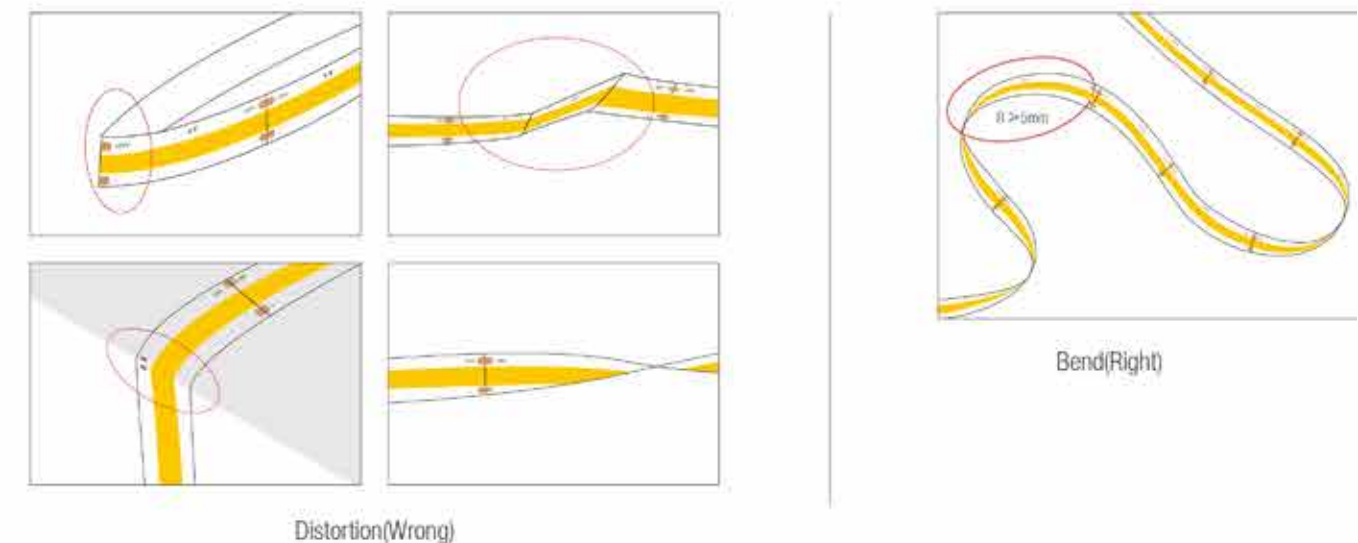


Cautions



If the led strip needs to be torn up, please make sure that the self adhesive tape is torn with the led strip, otherwise the led strip will be damaged

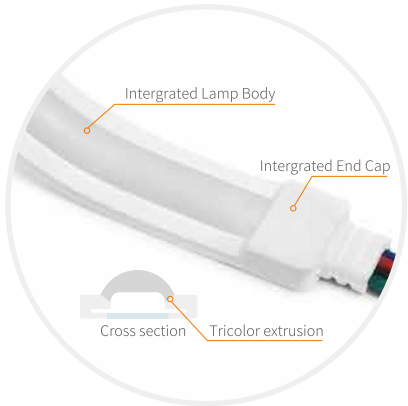
When install the led strip, please note the installation technique. The led strip can be bent, but not distorted, as shown below.



LED strips are low voltage products, you must use the power supply(transformer). Please don't connect the led strip directly to the AC 110v or AC 220v, otherwise it will burn out the LED strips.

Clean up the installation surface, it will ensure the reliability of the adhesive. The electrical connection process must be operated by a professional person.

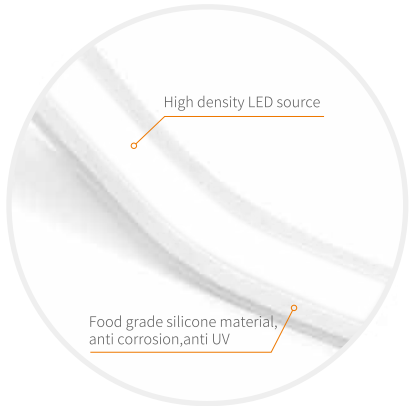
COB LED STRIP PLUS



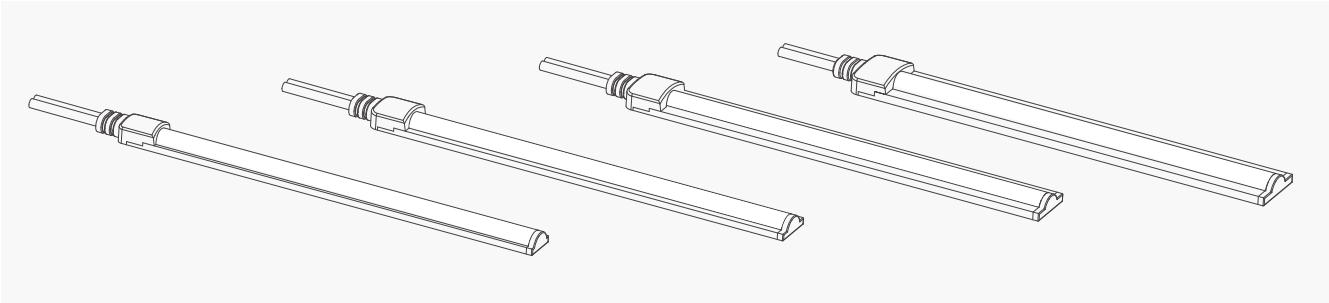
More extreme vision

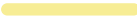
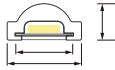
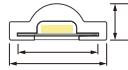
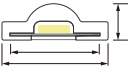
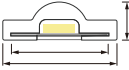


More perfect touch

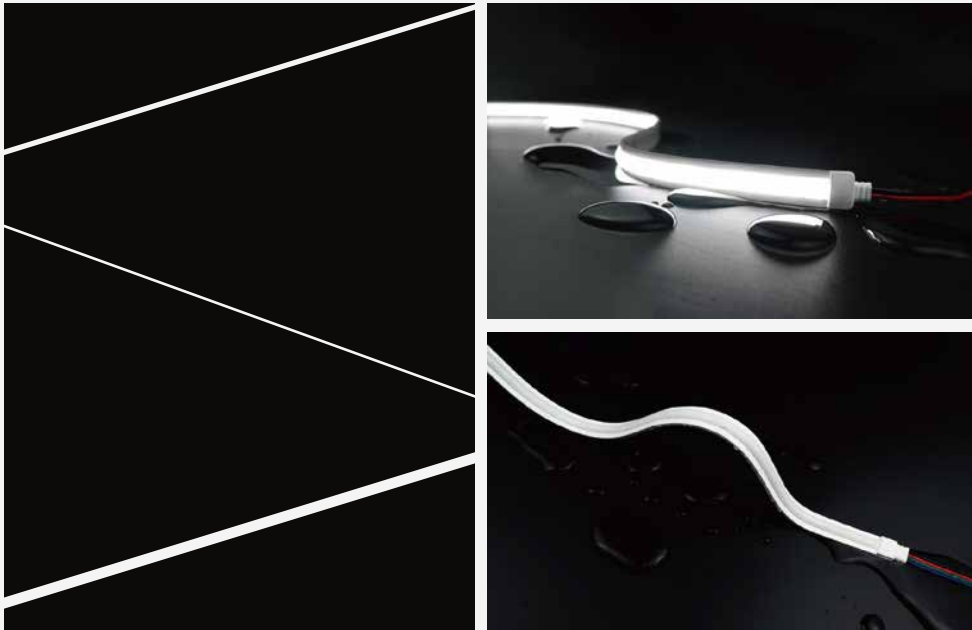


More stable performance



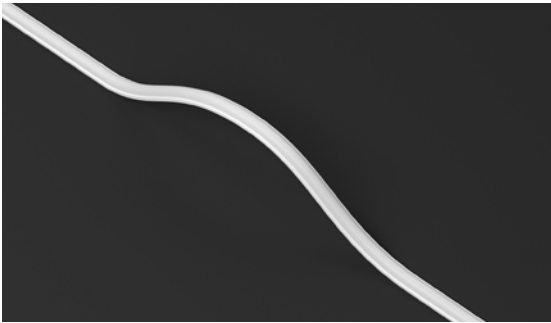
8MM	10MM	12MM	14MM
			
Single Color	Single Color /CCT Tunable RGB/SPI	Single Color /CCT Tunable RGB/SPI	Single Color /CCT Tunable/RGB RGBW/RGBWW/SPI
 Cross section	 Cross section	 Cross section	 Cross section
 Max.Length:5M	 Max.Length:5M	 Max.Length:5M	 Max.Length:5M
 IP65	 IP65	 IP65	 IP65
 Cable Type	 Cable Type	 Cable Type	 Cable Type

Specialize d
LED strip
Manufacturer

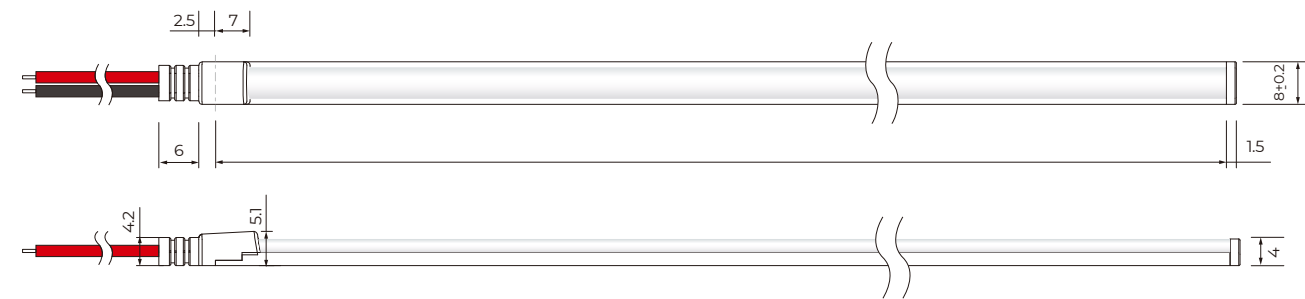


PL-ST20-PLUS8

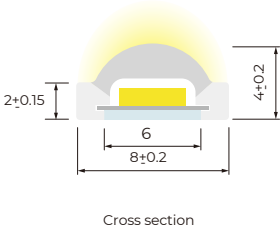
More extreme vision:Intergrated End Cap 、 Tricolor extrusion 、
Intergrated Lamp Body ；
More perfect touch:Frosted Process 、 Food grade silicone
material;
More stable performance:High density LED source 、 Food
grade silicone material, anti corrosion,anti UV 。



Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25℃~60℃
Ambient Temperature	Ta min=-25℃, Ta max (Table below)



COB PLUS8	Std Output	High Output
Power(W/m)	5W	10W
Max. Ambient tempt.(Ta max)	55℃	45℃

- Note :
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 65

Warranty
3 Years

Single color
PARAMETER

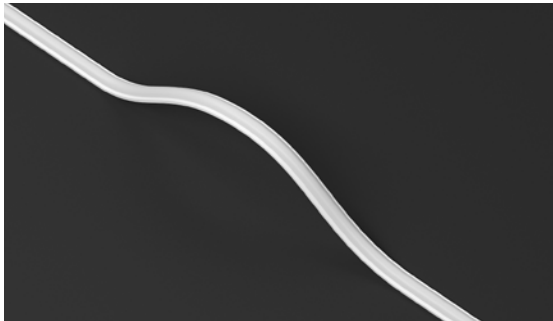


CCT(K)	CRI	SDCM	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	Voltage
2400	>90	<5	5	535	107.1	50	5	DC24V
			10	1010	101			
2700	>90	<5	5	546	109.2	50	5	DC24V
			10	1019	101.9			
3000	>90	<5	5	554	110.9	50	5	DC24V
			10	1046	104.6			
3500	>90	<5	5	599	119.8	50	5	DC24V
			10	1130	113			
4000	>90	<5	5	558	111.7	50	5	DC24V
			10	1077	107.7			
5000	>90	<5	5	552	110.4	50	5	DC24V
			10	1028	102.8			
6500	>90	<5	5	560	111.9	50	5	DC24V
			10	1056	105.6			
R	--	--	5	145	29.0	50	5	DC24V
			10	293	29.3			
G	--	--	5	381	76.2	50	5	DC24V
			10	685	68.5			
B	--	--	5	71	14.2	50	5	DC24V
			10	134	13.4			
Yellow	--	--	5	116	23.2	50	5	DC24V
			10	223	22.3			
Orange	--	--	5	136	27.2	50	5	DC24V
			10	274	27.4			
Pink	--	--	5	315	63	50	5	DC24V
			10	602	60.2			

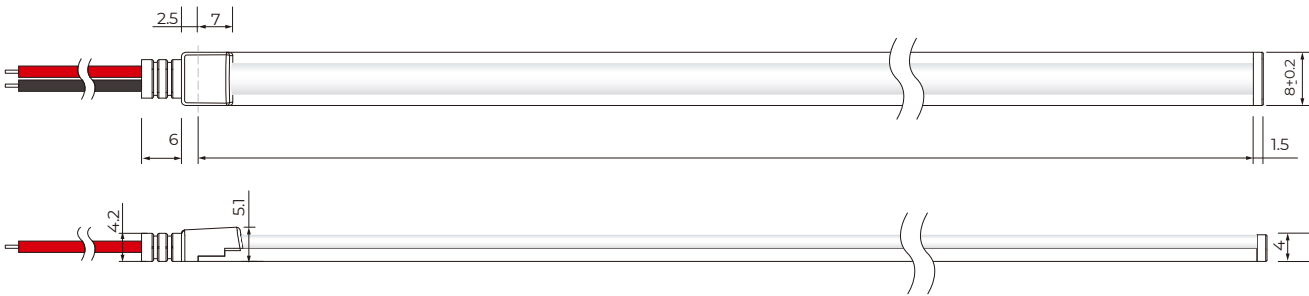
* This maximum serial length refers to the recommended connection length of single-end power supply when the COB strip is fully loaded (RGB all on). In practical application, according to the final required effect, when the actual required power is small, the serial length can be extended as appropriate.

PL-ST20-PLUS10

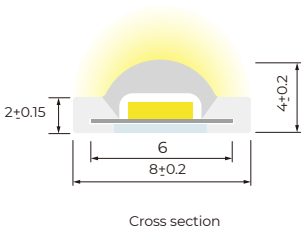
More extreme vision:Intergrated End Cap 、Tricolor extrusion 、
Intergrated Lamp Body ；
More perfect touch:Frosted Process 、Food grade silicone
material;
More stable performance:High density LED source 、Food
grade silicone material, anti corrosion,anti UV 。



Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25℃~60℃
Ambient Temperature	Ta min=-25℃, Ta max (Table below)



COB PLUS10	Std Output	High Output
Power(W/m)	5W	10W
Max. Ambient tempt.(Ta max)	55℃	45℃

- Note :
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 65

Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	SDCM	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	Voltage
2400	>90	<5	5	409	81.9	25	5	DC24V
			10	815	81.5			
2700	>90	<5	5	423	84.6	25	5	DC24V
			10	822	82.2			
3000	>90	<5	5	422	84.4	25	5	DC24V
			10	829	82.9			
3500	>90	<5	5	476	95.2	25	5	DC24V
			10	918	91.8			
4000	>90	<5	5	439	87.9	25	5	DC24V
			10	866	86.6			
5000	>90	<5	5	443	88.5	25	5	DC24V
			10	869	86.9			
6500	>90	<5	5	453	90.6	25	5	DC24V
			10	886	88.6			
R	--	--	5	146	29.2	25	5	DC24V
			10	308	30.8			
G	--	--	5	413	82.6	25	5	DC24V
			10	707	70.7			
B	--	--	5	70	14	25	5	DC24V
			10	137	13.7			
Yellow	--	--	5	106	21.2	25	5	DC24V
			10	226	22.6			
Orange	--	--	5	128	25.6	25	5	DC24V
			10	278	27.8			
Pink	--	--	5	287	57.4	25	5	DC24V
			10	567	56.7			

CCT Tunable
PARAMETER



CCT(K)	CRI	SDCM	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length(M)	Voltage
2700	>90	<5	5	415	83.0	83.3	5	DC24V
6500			5	418	83.6			
4000±300		--	10	826	82.6			

RGB

PARAMETER



Power(W)	Color	Lumen(LM/M)	Efficiency(LM/W)	Unit Length (mm)	Max. Run Length(M)	Voltage
10	R	60	18.2	50	5	DC24V
	G	176	53.3			
	B	32	9.7			
	RGB	268	26.8			

SPI

PARAMETER

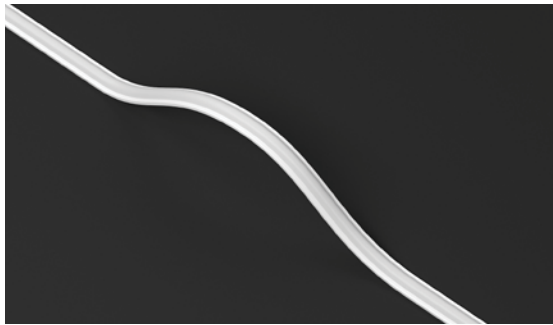


Voltage (V)	Power(W)	Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Signal Type	IC Model	UnitLength (mm)	Max. Run Length(M)
5	8	R	19.8	7.4	100	SPI	UCS1903	10	2
		G	59.3	22.2					
		B	11.5	4.3					
		RGB	87.3	10.9					

* This maximum serial length refers to the recommended connection length of single-end power supply when the COB strip is fully loaded (RGB all on). In practical application, according to the final required effect, when the actual required power is small, the serial length can be extended as appropriate.

PL-ST20-PLUS12

More extreme vision:Intergrated End Cap 、 Tricolor extrusion 、
Intergrated Lamp Body ；
More perfect touch:Frosted Process 、 Food grade silicone
material;
More stable performance:High density LED source 、 Food
grade silicone material, anti corrosion,anti UV 。

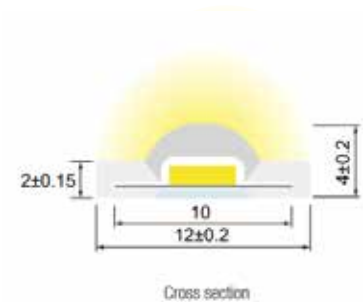


Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25℃~60℃
Ambient Temperature	Ta min=-25℃, Ta max (Table below)

COB PLUS12	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(Ta max)	55℃	45℃	35℃



- Note :
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 65

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	SDCM	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	Voltage
2400	>90	<5	5	429	85.9	25	5	DC24V
			10	826	82.6			
			15	1208	80.6			
2700	>90	<5	5	433	86.6	25	5	DC24V
			10	833	83.3			
			15	1244	82.9			
3000	>90	<5	5	436	87.3	25	5	DC24V
			10	840	84			
			15	1243	82.8			
3500	>90	<5	5	484	96.7	25	5	DC24V
			10	930	93			
			15	1364	91			
4000	>90	<5	5	442	88.4	25	5	DC24V
			10	851	85.1			
			15	1258	83.9			
5000	>90	<5	5	443	88.7	25	5	DC24V
			10	854	85.4			
			15	1259	84			
6500	>90	<5	5	450	90	25	5	DC24V
			10	867	86.7			
			15	1270	84.6			
R	--	--	5	142	28.4	25	5	DC24V
			10	281	28.1			
			15	416	27.7			
G	--	--	5	349	69.8	25	5	DC24V
			10	628	62.8			
			15	823	54.9			
B	--	--	5	62	12.4	25	5	DC24V
			10	121	12.1			
			15	176	11.7			
Yellow	--	--	5	88	17.6	25	5	DC24V
			10	200	20			
			15	294	19.6			
Orange	--	--	5	108	21.6	25	5	DC24V
			10	246	24.6			
			15	345	23			
Pink	--	--	5	274	54.8	25	5	DC24V
			10	519	51.9			
			15	755	50.3			

CCT Tunable

PARAMETER



CCT(K)	CRI	SDCM	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length(M)	Voltage
2700	>90	<5	5	422	84.4	83.3	5	DC24V
6500			5	434	86.8			
4000±300			10	849	84.9			
2700	>90	<5	7.5	619	82.5	83.3	5	DC24V
6500			7.5	639	85.2			
4000±300			15	1241	82.7			



249

Single color

PARAMETER



CCT(K)	CRI	SDCM	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	Voltage
2400	>90	<5	5	449	89.8	25	5	DC24V
			10	845	84.5			
			15	1234	82.3			
2700	>90	<5	5	445	89.1	25	5	DC24V
			10	853	85.3			
			15	1272	84.8			
3000	>90	<5	5	444	88.7	25	5	DC24V
			10	858	85.8			
			15	1271	84.7			
3500	>90	<5	5	489	97.7	25	5	DC24V
			10	950	95			
			15	1399	93.2			
4000	>90	<5	5	449	89.9	25	5	DC24V
			10	862	86.2			
			15	1273	84.9			
5000	>90	<5	5	453	90.6	25	5	DC24V
			10	869	86.9			
			15	1283	85.5			
6500	>90	<5	5	458	91.6	25	5	DC24V
			10	879	87.9			
			15	1298	86.5			
R	--	--	5	142	28.4	25	5	DC24V
			10	282	28.2			
			15	420	28			
G	--	--	5	375	75	25	5	DC24V
			10	674	67.4			
			15	882	58.8			
B	--	--	5	70	14	25	5	DC24V
			10	123	12.3			
			15	179	11.9			
Yellow	--	--	5	116	23.2	25	5	DC24V
			10	223	22.3			
			15	318	21.2			
Orange	--	--	5	140	28	25	5	DC24V
			10	274	27.4			
			15	386	25.7			
Pink	--	--	5	287	57.4	25	5	DC24V
			10	534	53.4			
			15	782	52.1			

RGB

PARAMETER



Power(W)	Color	Lumen(LM/M)	Efficiency(LM/W)	Unit Length (mm)	Max. Run Length(M)	Voltage
10	R	49	14.8	50	5	DC24V
	G	169	51.2			
	B	30	9.1			
	RGB	260	26.0			
15	R	69	13.8	50	5	DC24V
	G	226	45.2			
	B	38	7.6			
	RGB	334	22.3			

RGBW

PARAMETER



Total Power(W)	CCT/Color	CRI	SDCM	Power for single color(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length(M)	Voltage
15	R	--	--	3	52	17.3	83.33	5	DC24V
	G	--	--	3	156	52.0			
	B	--	--	3	26	8.7			
	W: 2700K	>90	5	6	486	81.0			
	RGBW	--	--	15	702	46.8			
15	R	--	--	3	58	19.3	83.33	5	DC24V
	G	--	--	3	173	57.7			
	B	--	--	3	23	7.7			
	W: 3000K	>90	5	6	480	80.0			
	RGBW	--	--	15	698	46.5			
15	R	--	--	3	56	18.7	83.33	5	DC24V
	G	--	--	3	162	54.0			
	B	--	--	3	32	10.7			
	W: 3500K	>90	5	6	514	85.7			
	RGBW	--	--	15	706	47.1			
15	R	--	--	3	55	18.3	83.33	5	DC24V
	G	--	--	3	158	52.7			
	B	--	--	3	33	11.0			
	W: 4000K	>90	5	6	477	79.5			
	RGBW	--	--	15	701	46.7			
15	R	--	--	3	54	18.0	83.33	5	DC24V
	G	--	--	3	165	55.0			
	B	--	--	3	32	10.7			
	W: 5000K	>90	5	6	487	81.2			
	RGBW	--	--	15	721	48.1			
15	R	--	--	3	52	17.3	83.33	5	DC24V
	G	--	--	3	167	55.7			
	B	--	--	3	32	10.7			
	W: 6500K	>90	5	6	486	81.0			
	RGBW	--	--	15	716	47.7			

CCT Tunable

PARAMETER



CCT(K)	CRI	SDCM	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length(M)	Voltage
2700	>90	<5	5	437	87.4	83.3	5	DC24V
6500			5	447	89.4			
4000±300			10	860	86			
2700	>90	<5	7.5	641	85.5	83.3	5	DC24V
6500			7.5	658	87.7			
4000±300			15	1264	84			

RGBW

PARAMETER



Total Power(W)	CCT/Color	CRI	Power for single color(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length(M)	Voltage
9	R	--	3	58	19.3	71.4	5	DC24V
	G	--	3	171	57			
	B	--	3	33	11			
	RGB	--	9	248	27.6			
10	2700K±100K	>90	5	360	72			
	5500K±300K	>90	5	357	71.4			
	3800K±200K	>90	10	722	72.2			

SPI

PARAMETER



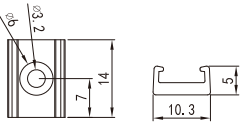
Voltage (V)	Power(W)	Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Signal Type	IC Model	UnitLength (mm)	Max. Run Length(M)
12	13	R	44.4	3.4	100	SPI	UCS1903	10	3
		G	143	11.0					
		B	33.5	2.6					
		RGB	210	16.2					

Mounting Accessories

C8 Clip for SK-ST20-PLUS8



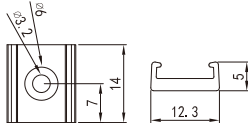
Dimension: 14x10.3x5
Accessories:PA 3X10 Self tapping screw



C10 Clip for SK-ST20-PLUS10



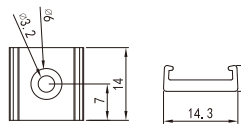
Dimension: 14x12.3x5
Accessories:PA 3X10 Self tapping screw



C12 Clip for SK-ST20-PLUS12



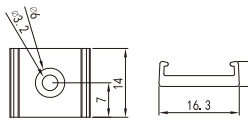
Dimension: 14x14.3x5
Accessories:PA 3X10 Self tapping screw



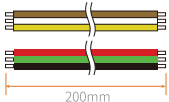
C14 Clip for SK-ST20-PLUS14



Dimension: 14x16.3x5
Accessories:PA 3X10 Self tapping screw



Cable Type

Models	Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PLST20-PLUS8 PLST20-PLUS10 PLST20-PLUS12 PLST20-PLUS14	PVC Cable		20AWG Red&Black 2-core Cable		Red V+, Black V-
PLST20-PLUS10 PLST20-PLUS12 PLST20-PLUS14	PVC Cable		20AWG Brown&White&Yellow 3-core Cable		Dual-White: Brown V+, White W, Yellow WW;
			20AWG Red&Green&Black 3-core Cable		Digital RGB: Red V+, Green DI, Black GND;
PLST20-PLUS10 PLST20-PLUS12 PLST20-PLUS14	PVC Cable		20AWG Black&Blue&Red&Green 4-core Cable		Black V+, Blue B, Red R, Green G;
PLST20-PLUS14	PVC Cable		20AWG Black&White&Blue&Green &Red 5-core Cable		Black V+, White W, Blue B, GreenG, RedR;
PLST20-PLUS14	PVC Cable		20AWG Black&Blue&Red&Green &Yellow&White 6-core Cable		Black V+, Blue B, Red R, Green G, Yellow WW, White W;

Cutting Mark

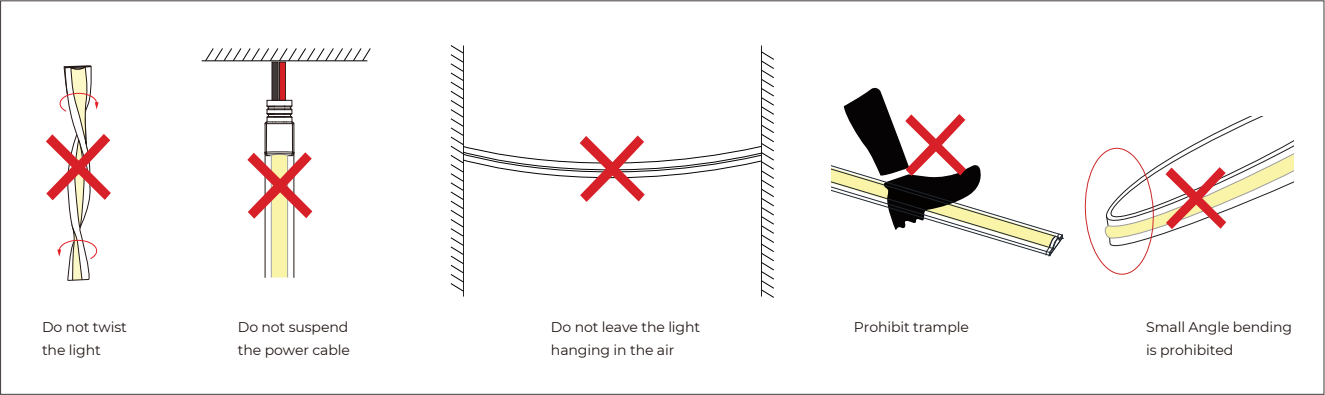


Remark: The bottom of the led strip has transparent window, the black marker is the cutting position



Use professional scissors to cut vertically at the cutting mark

Cautions



03 UNIVERSAL LED STRIP

Meet different scenarios and diverse application requirements



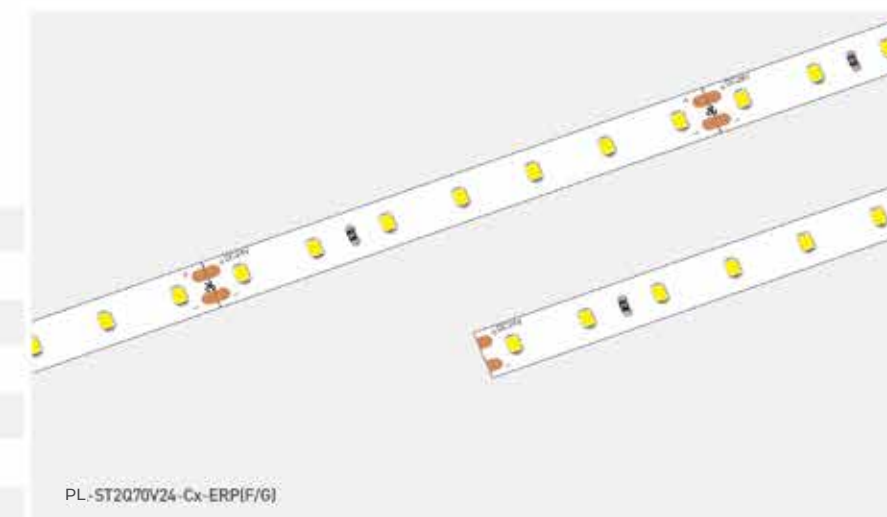
ERP SERIES STRIP

- Super High Efficiency
Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

Energy efficiency class	Total mains efficacy η_{TM} (lm/W)
A	$210 \leq \eta_{TM}$
B	$185 \leq \eta_{TM} < 210$
C	$160 \leq \eta_{TM} < 185$
D	$135 \leq \eta_{TM} < 160$
E	$110 \leq \eta_{TM} < 135$
F	$85 \leq \eta_{TM} < 110$
G	$\eta_{TM} < 85$

ErP 2023 NEW Products

FPC Width(mm)	10
Cutting Size(mm)	100
Voltage(V)	24
LED Type	2835
LED QTY/M	70
CRI	>90
SDCM	<6



IP20/IP65 Series

SMD2835

70LED/M

4.8W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 100mm

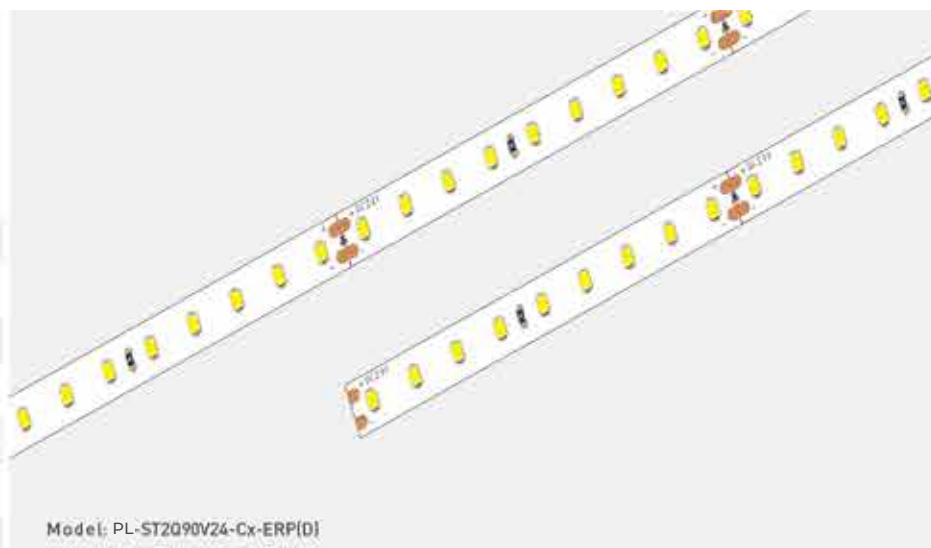


CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	4.8	2.4	197	82	G	G
3000K	0.44/0.403			209	87	G	G
4000K	0.38/0.38			221	92	G	G
6500K	0.313/0.317			241	100	F	F

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FPC Width(mm)	10
Cutting Size(mm)	100
Voltage(V)	24
LED Type	2835
LED QTY/M	90
CRI	>90
SDCM	<6



Model: PL-ST2090V24-Cx-ERP(D)

IP20/IP65 Series

SMD2835

90LED/M

4.5W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

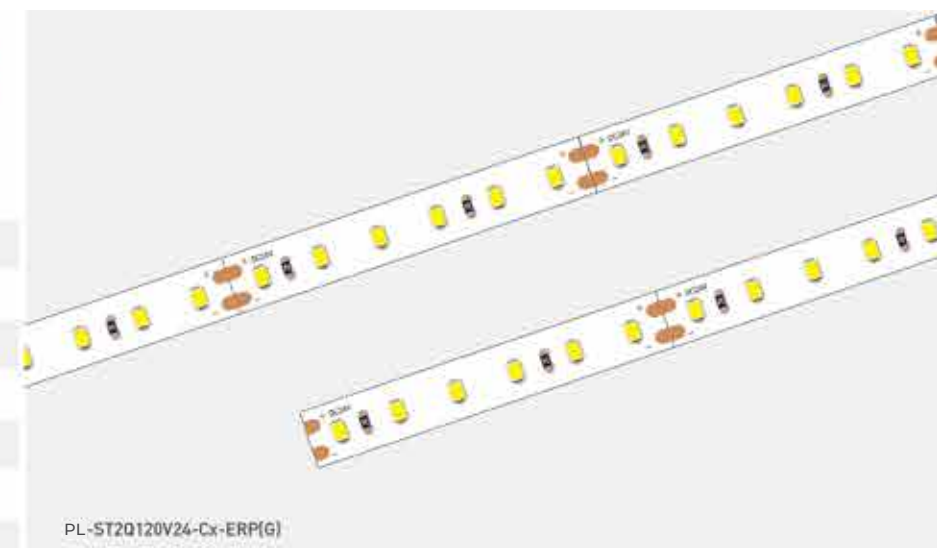


Cutting Unit: 100mm

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	4.5	2.25	361	160		
3000K	0.44/0.403			362	161		
4000K	0.38/0.38			381	169		
6500K	0.313/0.317			365	162		



FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	120
CRI	>90
SDCM	<6



PL-ST20120V24-Cx-ERP(G)

IP20/IP65 Series

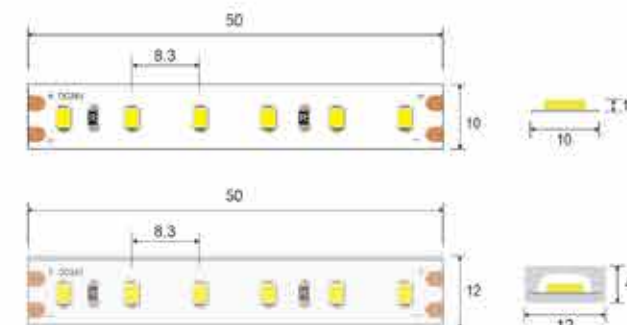
SMD2835

120LED/M

9.6W

Product Features

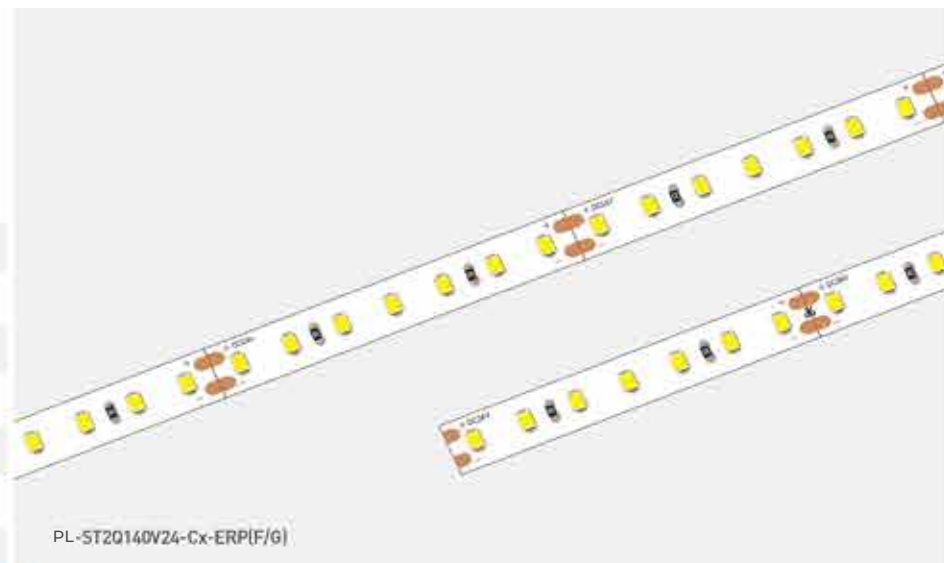
- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 50mm

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	9.6	4.8	368	77		
3000K	0.44/0.403			401	84		
4000K	0.38/0.38			404	84		
6500K	0.313/0.317			421	88		

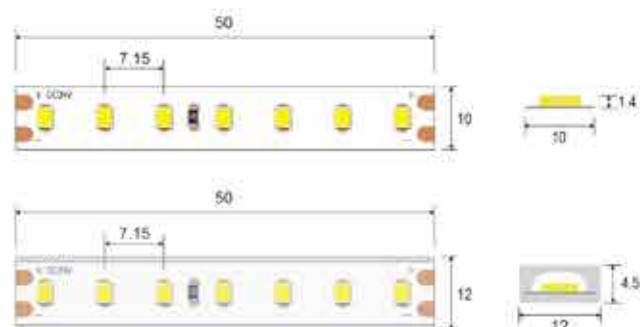
FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	140
CRI	>90
SDCM	<6



IP20/IP65 Series	SMD2835	140LED/M	9.6W
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Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

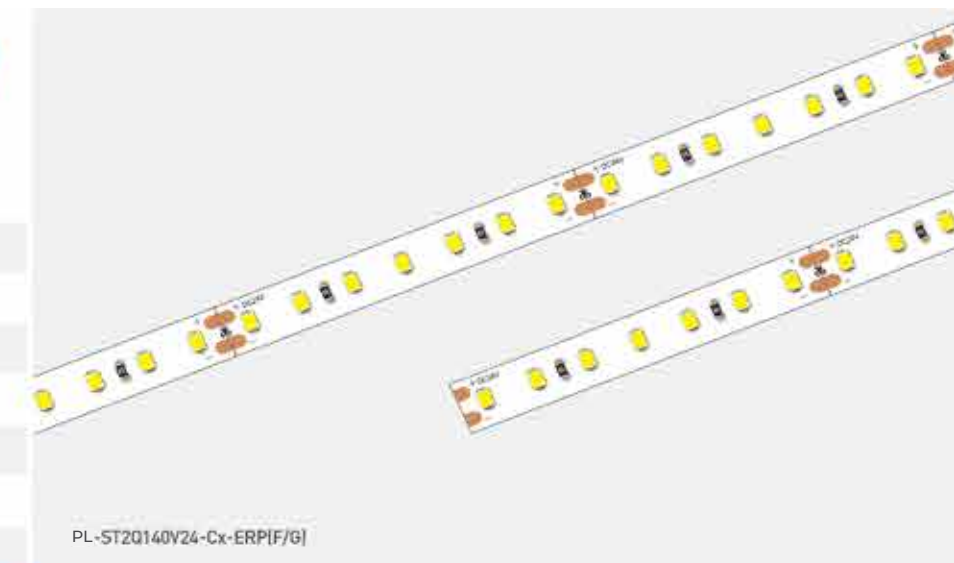


Cutting Unit: 50mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	9.6	4.8	379	79		
3000K	0.44/0.403			404	84		
4000K	0.38/0.38			437	91		
6500K	0.313/0.317			466	97		

FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	140
CRI	>90
SDCM	<6

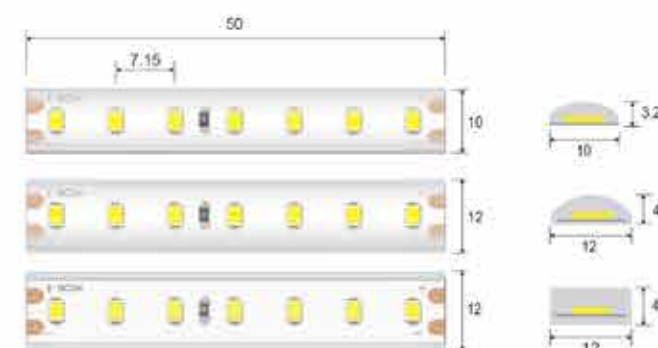


IP54/IP67 Series	SMD2835	140LED/M	9.6W
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PL-D650-COB2

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

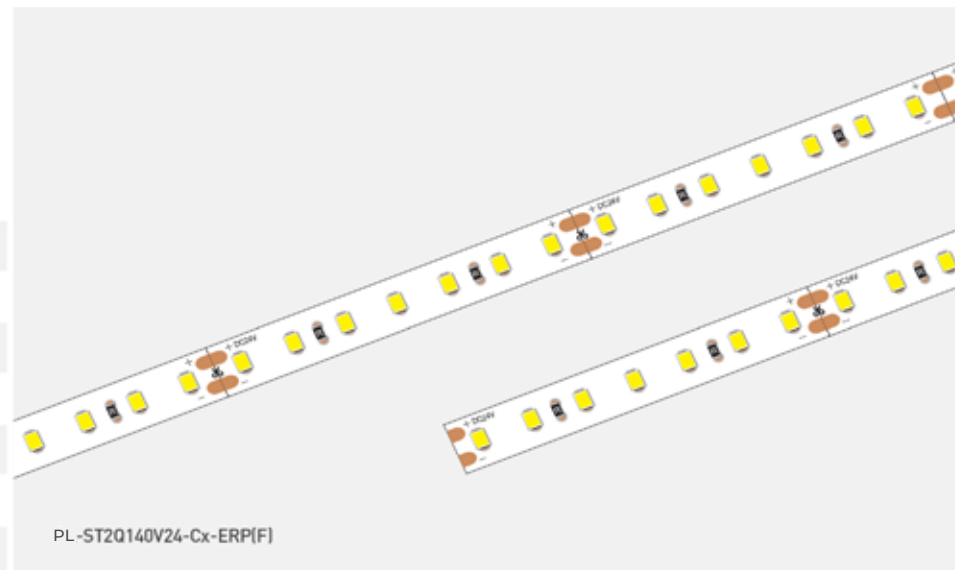


Cutting Unit: 50mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP54	IP67
2700K	0.463/0.42	9.6	4.8	407	85		
3000K	0.44/0.403			402	84		
4000K	0.38/0.38			469	98		
6500K	0.313/0.317			482	100		

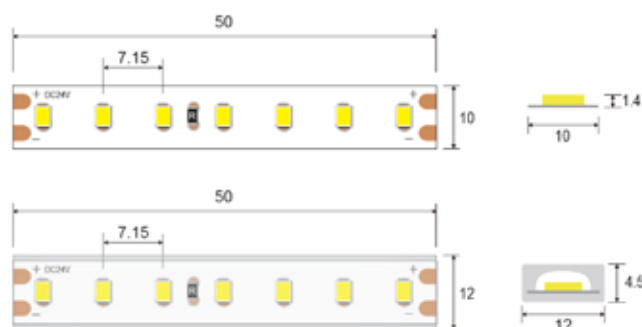
FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	140
CRI	>90
SDCM	<6



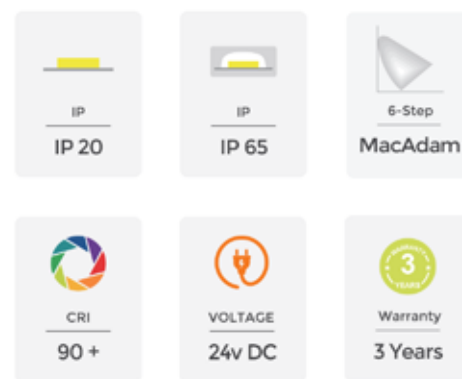
IP20/IP65 Series	SMD2835	140LED/M	14.4W
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Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

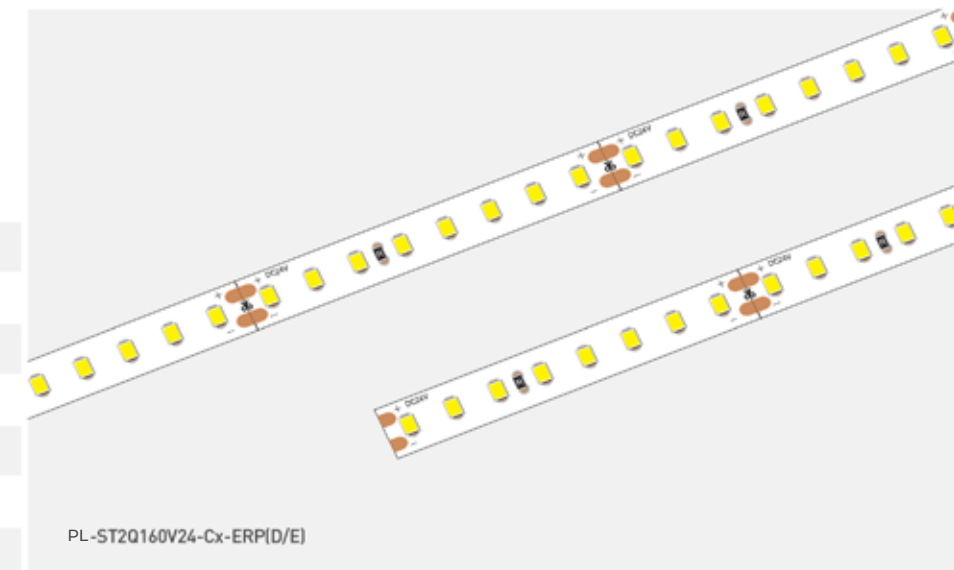


Cutting Unit: 50mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	14.4	7.2	683	95	F	F
3000K	0.44/0.403			677	94	F	F
4000K	0.38/0.38			711	99	F	F
6500K	0.313/0.317			746	104	F	F

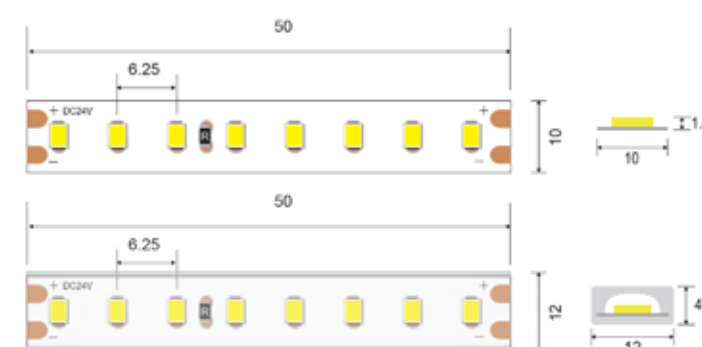
FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	160
CRI	>80
SDCM	<6



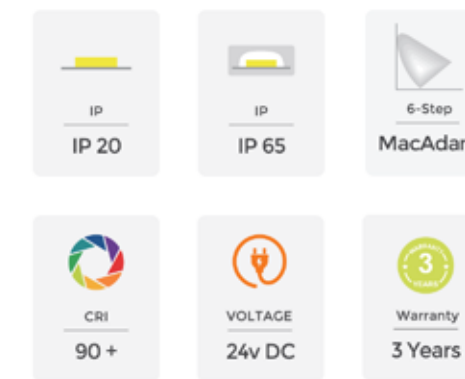
IP20/IP65 Series	SMD2835	160LED/M	9.6W
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Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 50mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	9.6	4.8	654	136	E	E
3000K	0.44/0.403			658	137	E	E
4000K	0.38/0.38			712	148	D	D
6500K	0.313/0.317			690	144	E	E

FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	160
CRI	>80
SDCM	<6



PL-ST2Q160V24-Cx-ERP(I0/E)

IP20/IP65 Series

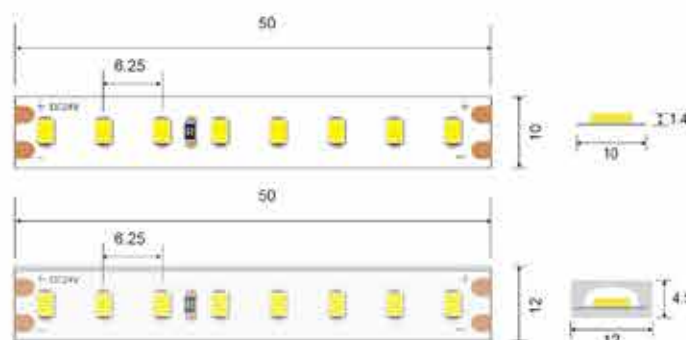
SMD2835

160LED/M

14.4W

Product Features

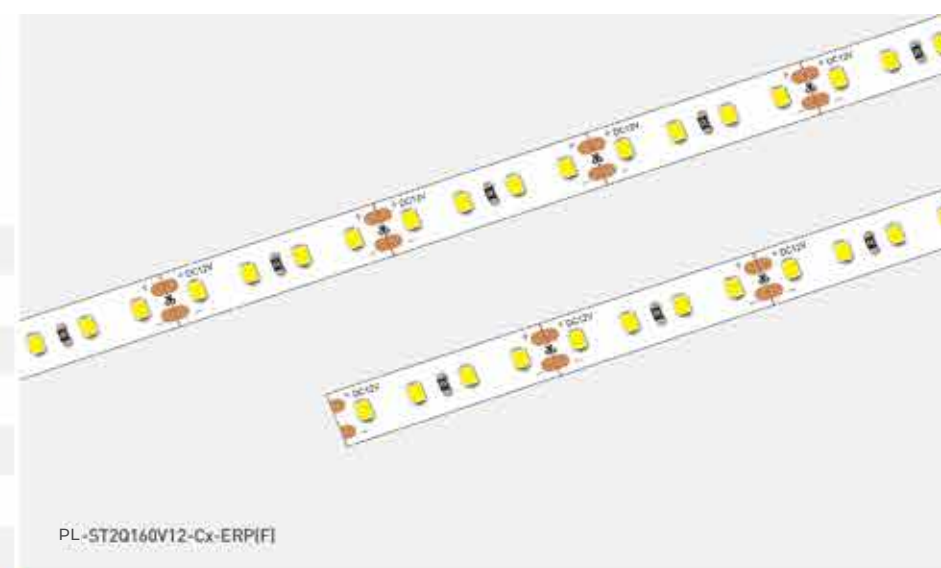
- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 50mm



FPC Width(mm)	10
Cutting Size(mm)	25
Voltage(V)	12
LED Type	2835
LED QTY/M	160
CRI	>90
SDCM	<6



PL-ST2Q160V12-Cx-ERP(F)

IP20/IP65 Series

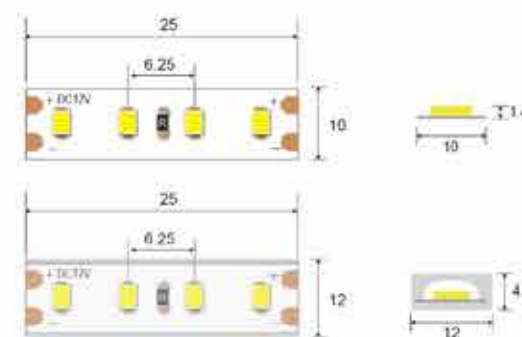
SMD2835

160LED/M

9.6W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 25mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	14.4	7.2	995	138	E	E
3000K	0.44/0.403			996	138	E	E
4000K	0.38/0.38			1080	150	G	G
6500K	0.313/0.317			1051	146	E	E

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	9.6	4.8	486	101	F	F
3000K	0.44/0.403			521	109	F	F
4000K	0.38/0.38			545	114	F	F
6500K	0.313/0.317			556	116	F	F

FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	160
CRI	>90
SDCM	<6



IP20/IP65 Series

SMD2835

160LED/M

9.6W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 50mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	9.6	4.8	485	101		
3000K	0.44/0.403			529	110		
4000K	0.38/0.38			538	112		
6500K	0.313/0.317			559	116		

FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	160
CRI	>90
SDCM	<6



IP54/IP67 Series

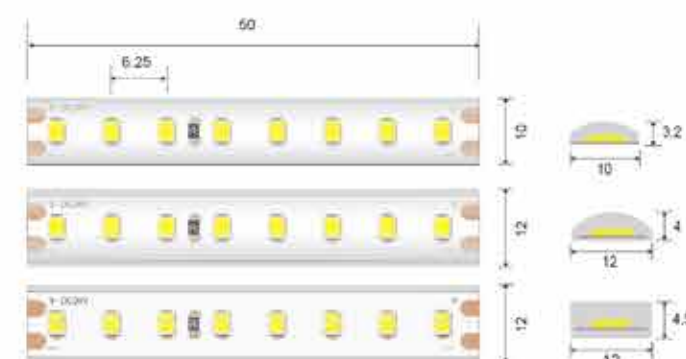
SMD2835

160LED/M

9.6W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 50mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP54	IP67
2700K	0.463/0.42	9.6	4.8	480	100		
3000K	0.44/0.403			487	101		
4000K	0.38/0.38			539	112		
6500K	0.313/0.317			562	117		

FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	160
CRI	>90
SDCM	<6



IP20/IP65 Series

SMD2835

160LED/M

9.6W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 50mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	9.6	4.8	485	101		
3000K	0.44/0.403			529	110		
4000K	0.38/0.38			538	112		
6500K	0.313/0.317			559	116		

FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	160
CRI	>90
SDCM	<6



IP54/IP67 Series

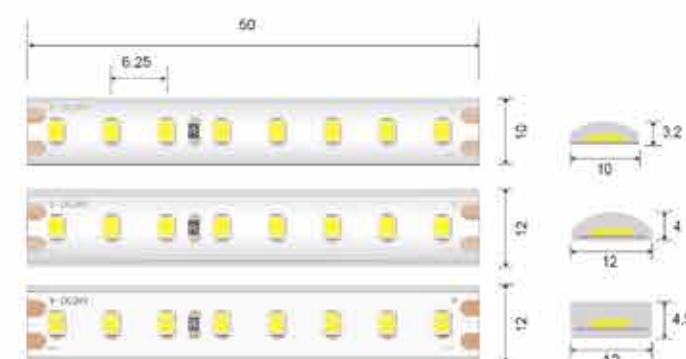
SMD2835

160LED/M

9.6W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

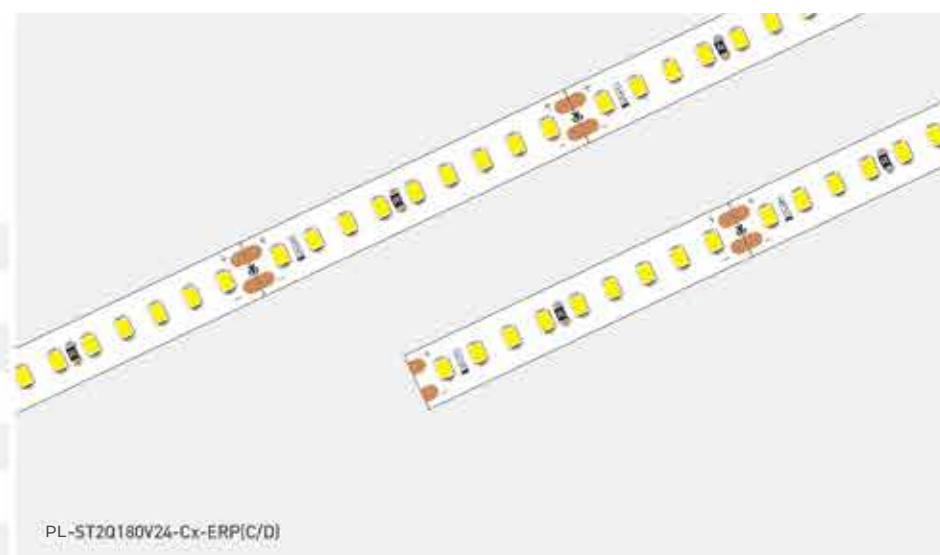


Cutting Unit: 50mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP54	IP67
2700K	0.463/0.42	9.6	4.8	480	100		
3000K	0.44/0.403			487	101		
4000K	0.38/0.38			539	112		
6500K	0.313/0.317			562	117		

FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	180
CRI	>80
SDCM	<6



PL-ST20180V24-Cx-ERP(C/D)

IP20/IP65 Series

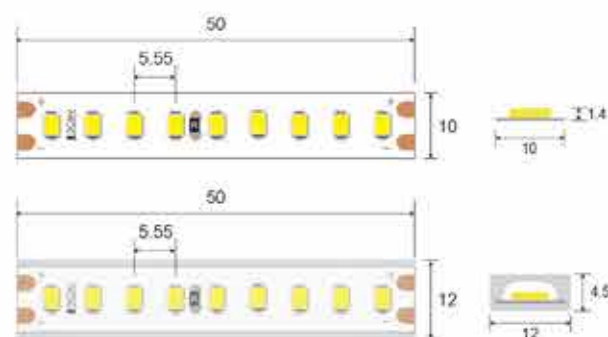
SMD2835

180LED/M

9W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

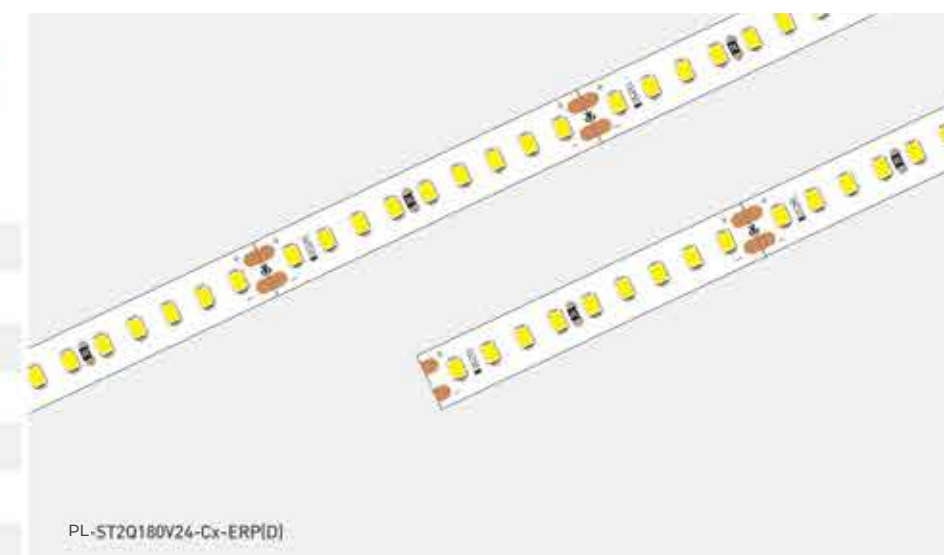


Cutting Unit: 50mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	9	4.5	760	169		
3000K	0.44/0.403			813	181		
4000K	0.38/0.38			832	185		
6500K	0.313/0.317			769	171		

FPC Width(mm)	10
Cutting Size(mm)	50
Voltage(V)	24
LED Type	2835
LED QTY/M	180
CRI	>90
SDCM	<6



PL-ST20180V24-Cx-ERP(D)

IP20/IP65 Series

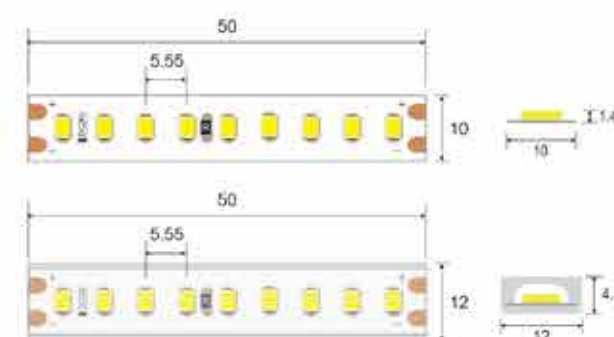
SMD2835

180LED/M

9W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 50mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	9	2.5	724	161		
3000K	0.44/0.403			726	161		
4000K	0.38/0.38			764	170		
6500K	0.313/0.317			729	162		



FPC Width(mm)	10
Cutting Size(mm)	41.67
Voltage(V)	24
LED Type	2835
LED QTY/M	192
CRI	>80
SDCM	<6

IP20/IP65 Series

SMD2835

192LED/M

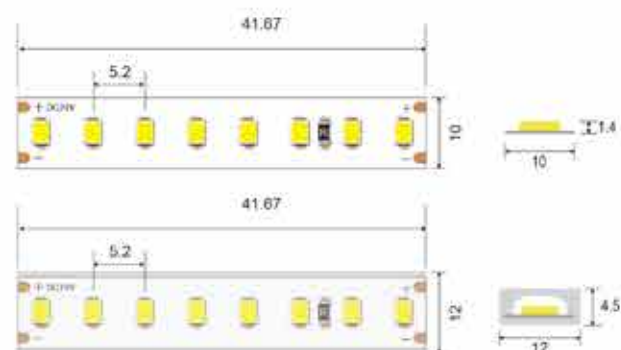
14.4W



PL -ST2Q192V24-Cx-ERP(D/E)

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 41.67mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	14.4	7.2	995	138	E	E
3000K	0.44/0.403			995	138	E	E
4000K	0.38/0.38			1079	150	B	D
6500K	0.313/0.317			1053	146	E	E



FPC Width(mm)	10
Cutting Size(mm)	41.67
Voltage(V)	24
LED Type	2835
LED QTY/M	192
CRI	>80
SDCM	<6

IP20/IP65 Series

SMD2835

192LED/M

19.2W



PL -ST2Q192V24-Cx-ERP(D/E)

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



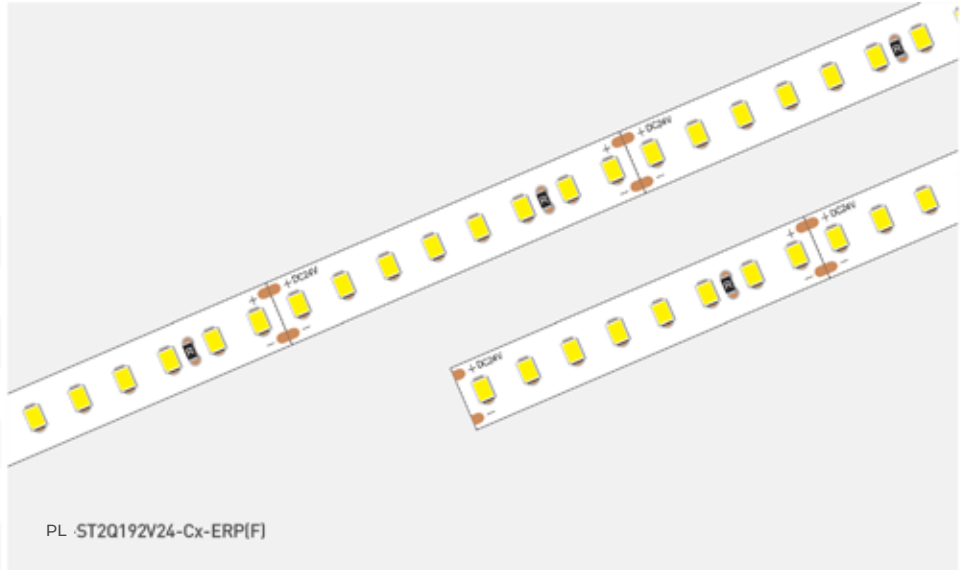
Cutting Unit: 41.67mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	19.2	9.6	1323	138	E	E
3000K	0.44/0.403			1321	138	E	E
4000K	0.38/0.38			1428	149	B	B
6500K	0.313/0.317			1390	145	E	E



FPC Width(mm)	10
Cutting Size(mm)	41.67
Voltage(V)	24
LED Type	2835
LED QTY/M	192
CRI	>90
SDCM	<6

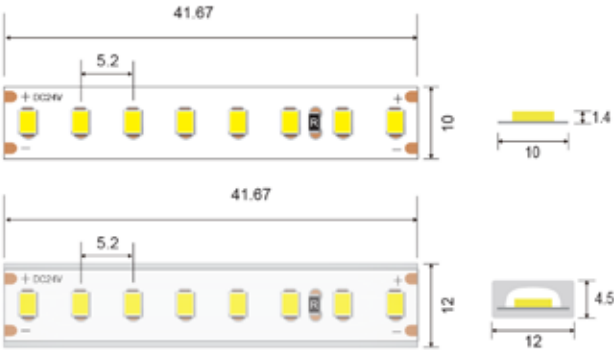


PL -ST2Q192V24-Cx-ERP(F)

IP20/IP65 Series	SMD2835	192LED/M	14.4W
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Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



IP
IP 20

IP
IP 65

6-Step
MacAdam

CRI
90 +

VOLTAGE
24v DC

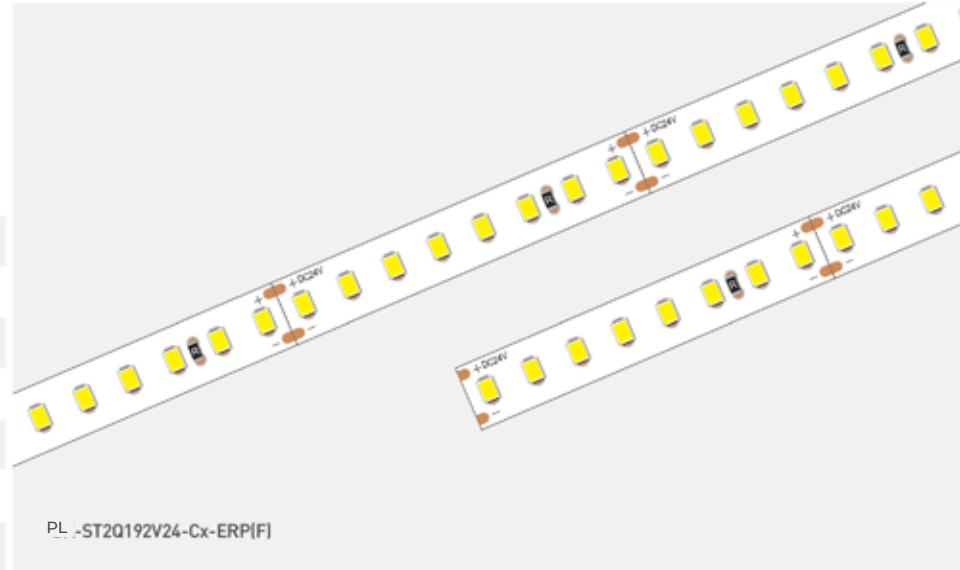
Warranty
3 Years

Cutting Unit: 41.67mm

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	14.4	7.2	799	111	F	F
3000K	0.44/0.403			789	110	F	F
4000K	0.38/0.38			822	114	F	F
6500K	0.313/0.317			862	120	F	F



FPC Width(mm)	10
Cutting Size(mm)	41.67
Voltage(V)	24
LED Type	2835
LED QTY/M	192
CRI	>90
SDCM	<6

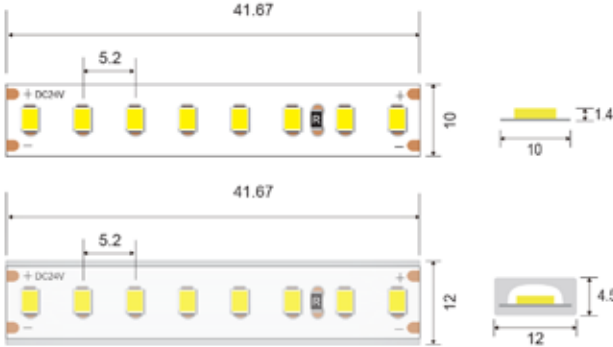


PL -ST2Q192V24-Cx-ERP(F)

IP20/IP65 Series	SMD2835	192LED/M	19.2W
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Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



IP
IP 20

IP
IP 65

6-Step
MacAdam

CRI
90 +

VOLTAGE
24v DC

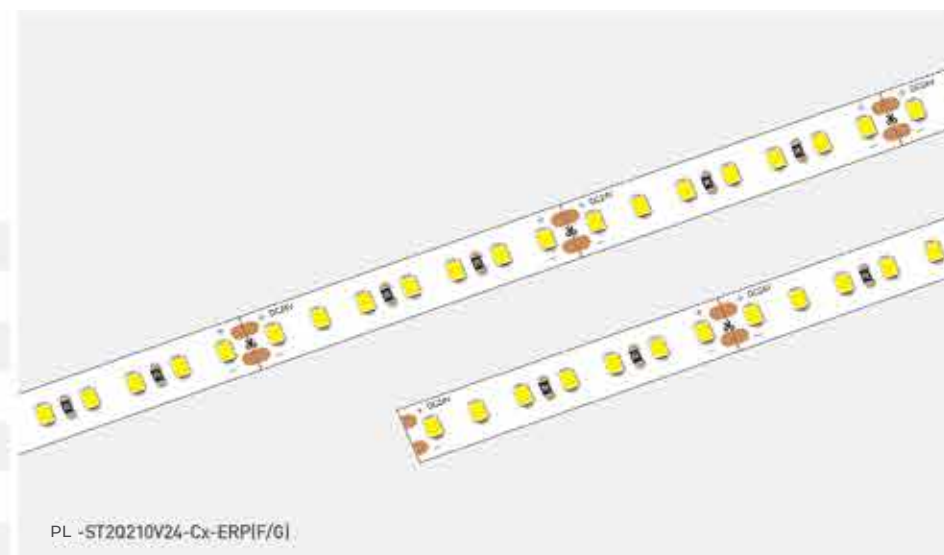
Warranty
3 Years

Cutting Unit: 41.67mm

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	19.2	9.6	1046	109	F	F
3000K	0.44/0.403			1035	108	F	F
4000K	0.38/0.38			1059	110	F	F
6500K	0.313/0.317			1130	118	F	F



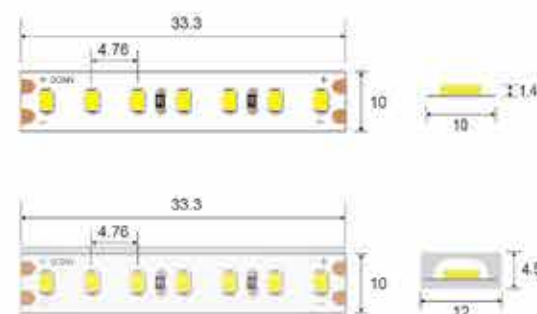
FPC Width(mm)	10
Cutting Size(mm)	33.33
Voltage(V)	24
LED Type	2835
LED QTY/M	210
CRI	>90
SDCM	<6



IP20/IP65 Series	SMD2835	210LED/M	19.2W
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Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

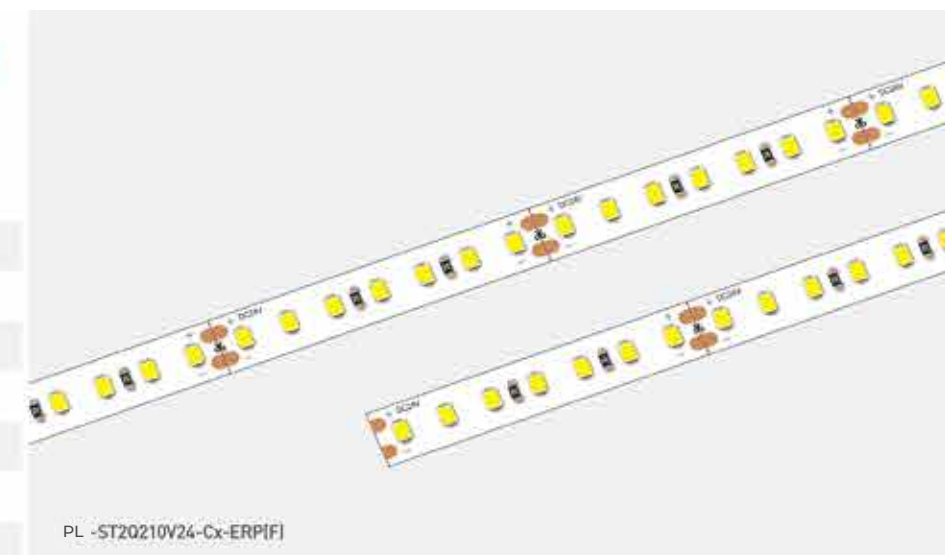


Cutting Unit: 33.3mm

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	19.2	9.6	865	90	G	G
3000K	0.44/0.403			891	93	G	G
4000K	0.38/0.38			920	96	F	F
6500K	0.313/0.317			934	97	F	F



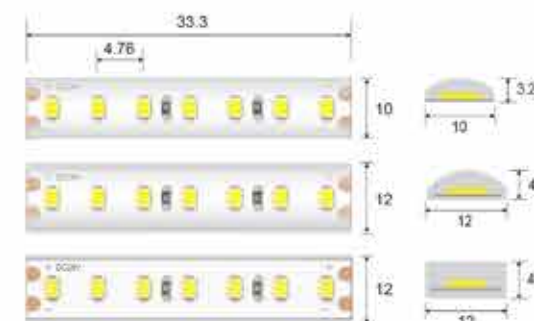
FPC Width(mm)	10
Cutting Size(mm)	33.33
Voltage(V)	24
LED Type	2835
LED QTY/M	210
CRI	>90
SDCM	<6



IP54/IP67 Series	SMD2835	210LED/M	14.4W
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Product Features

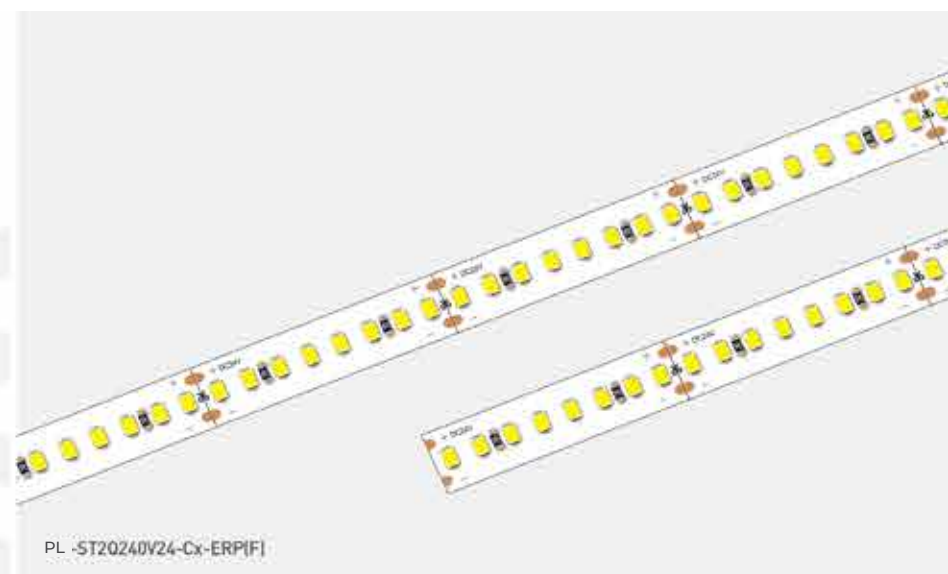
- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 33.3mm

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP54	IP67
2700K	0.463/0.42	14.4	7.2	606	84	G	G
3000K	0.44/0.403			663	92	G	G
4000K	0.38/0.38			689	96	F	F
6500K	0.313/0.317			709	98	F	F

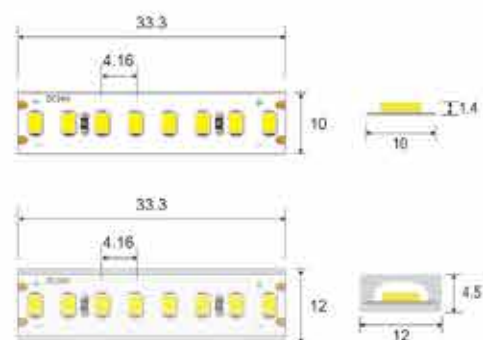
FPC Width(mm)	10
Cutting Size(mm)	33.33
Voltage(V)	24
LED Type	2835
LED QTY/M	240
CRI	>90
SDCM	<6



IP20/IP65 Series	SMD2835	240LED/M	19.2W
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Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

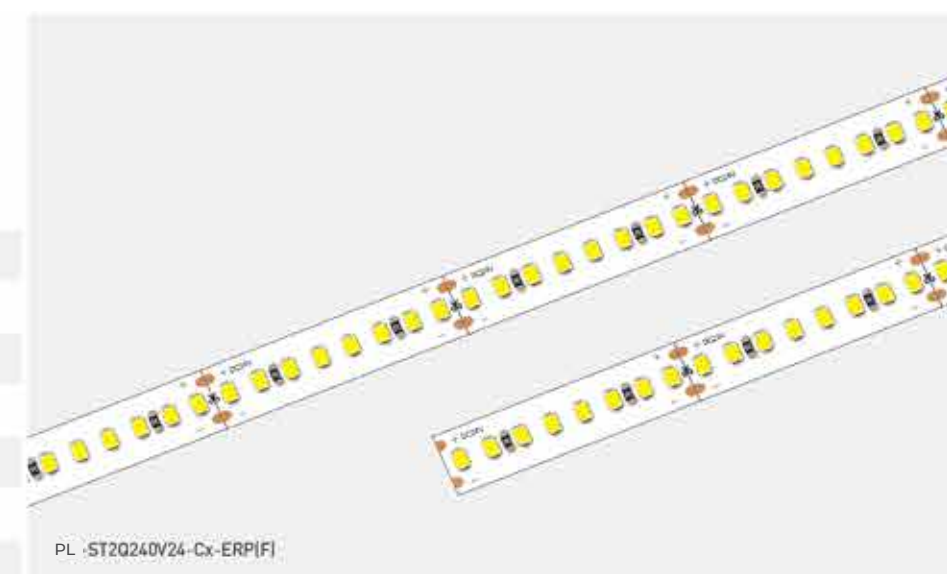


Cutting Unit: 33.3mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	19.2	9.6	940	98	F	F
3000K	0.44/0.403			1028	107	F	F
4000K	0.38/0.38			1047	109	F	F
6500K	0.313/0.317			1087	113	F	F

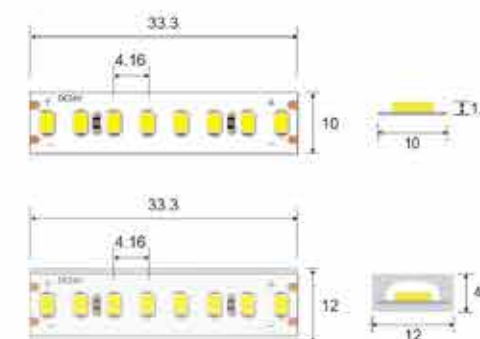
FPC Width(mm)	10
Cutting Size(mm)	33.33
Voltage(V)	24
LED Type	2835
LED QTY/M	240
CRI	>90
SDCM	<6



IP20/IP65 Series	SMD2835	240LED/M	19.2W
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Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 33.3mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	19.2	9.6	940	98	F	F
3000K	0.44/0.403			1028	107	F	F
4000K	0.38/0.38			1047	109	F	F
6500K	0.313/0.317			1087	113	F	F

FPC Width(mm)	10
Cutting Size(mm)	125
Voltage(V)	24
LED Type	2835
LED QTY/M	128
CRI	>90
SDCM	<6



IP20/IP65 Series

2835

128LED/M

9.6W

FPC Width(mm)	10
Cutting Size(mm)	125
Voltage(V)	24
LED Type	2835
LED QTY/M	128
CRI	>90
SDCM	<6



IP54/IP67 Series

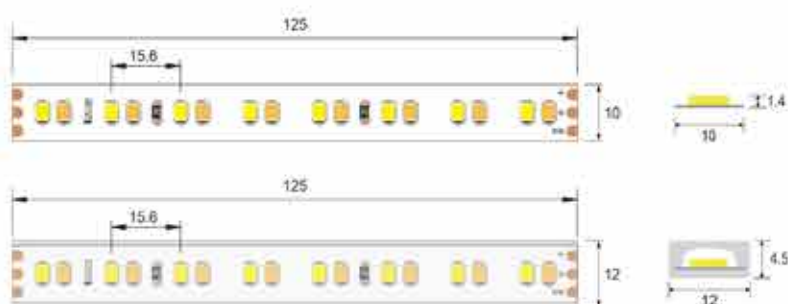
2835

128LED/M

9.6W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 125mm



Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 125mm

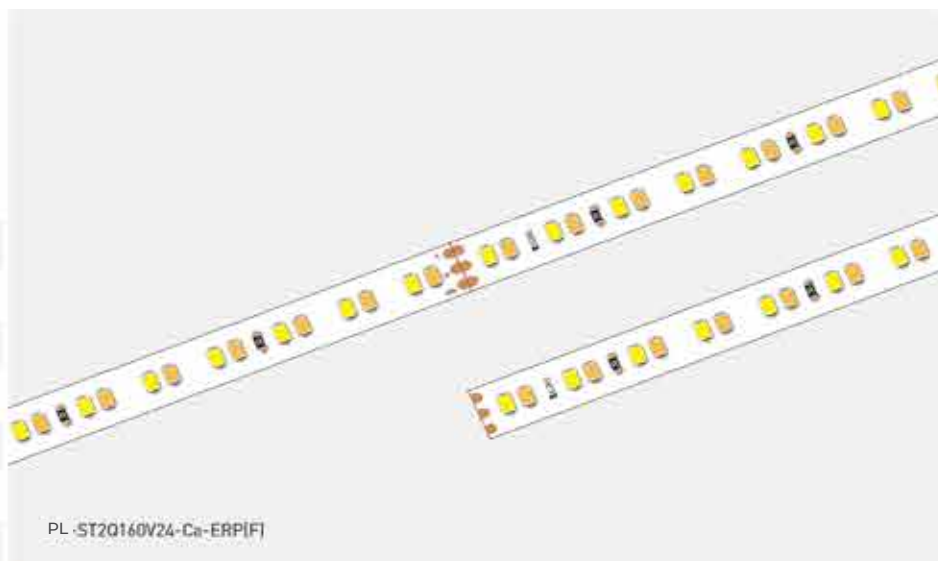


CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	9.6	2.4	260	108		
6500K	0.313/0.317			285	119		

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP54	IP67
2700K	0.463/0.42	9.6	2.4	245	102		
6500K	0.313/0.317			286	119		



FPC Width(mm)	10
Cutting Size(mm)	100
Voltage(V)	24
LED Type	2835
LED QTY/M	160
CRI	>90
SDCM	<6



PL-ST2Q160V24-Ca-ERP(F)

IP20/IP65 Series

2835

160LED/M

14.4W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty

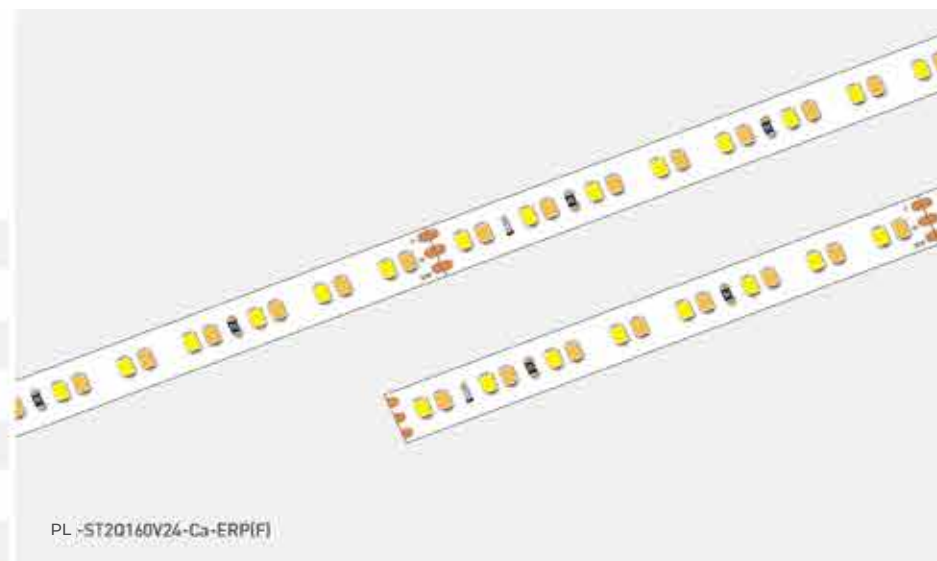


Cutting Unit : 100mm

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	14.4	3.6	367	102		
6500K	0.313/0.317			415	115		



FPC Width(mm)	10
Cutting Size(mm)	100
Voltage(V)	24
LED Type	2835
LED QTY/M	160
CRI	>90
SDCM	<6



PL-ST2Q160V24-Ca-ERP(F)

IP54/IP67 Series

2835

160LED/M

14.4W

Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit : 100mm

CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP54	IP67
2700K	0.463/0.42	14.4	3.6	343	95		
6500K	0.313/0.317			401	111		

FPC Width(mm)	12
Cutting Size(mm)	62.5
Voltage(V)	24
LED Type	2835
LED QTY/M	256
CRI	>90
SDCM	<6



IP20/IP65 Series	2835	256LED/M	19.2W
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Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 62.5mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP20	IP65
2700K	0.463/0.42	19.2	4.8	507	106		
6500K	0.313/0.317			570	119		

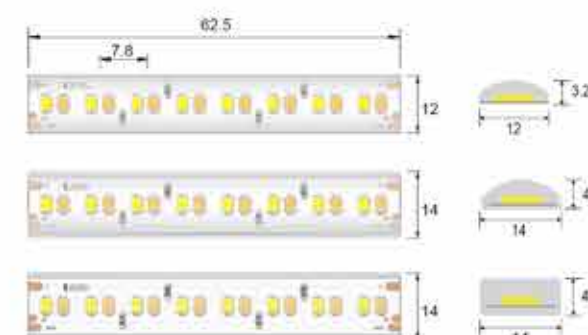
FPC Width(mm)	12
Cutting Size(mm)	62.5
Voltage(V)	24
LED Type	2835
LED QTY/M	256
CRI	>90
SDCM	<6



IP54/IP67 Series	2835	256LED/M	19.2W
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Product Features

- Super High Efficiency
- Widely used in advertising, decoration and other scenes
- With life span over 36000H,3-year warranty



Cutting Unit: 62.5mm



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class	
						IP54	IP67
2700K	0.463/0.42	19.2	4.8	478	100		
6500K	0.313/0.317			558	116		

HIGH EFFICIENCY SERIES

160 $\frac{\text{lm}}{\text{w}}$

High efficiency constant current circuit design to realize 160lm/w led strip achieving real green, energy saving and environmental protection. the High Efficiency Series LED strip light product line is an ideal solution for commercial applications needing maximum brightness to highlight features.





160
LM/W

SMD2835 64LEDs/m

High efficiency constant current circuit design to realize 160lm/w led strip achieving real green, energy saving and environmental protection. The High Efficiency SMD2835 LED strip light product line is an ideal solution for commercial applications needing maximum brightness to highlight features.

RoHS Compliant	CE Approved	C-tick
5 5-year Warranty	ETL Approved	3 STEP MacAdam
CC Constant Current	50000 Working Hour	

Model: PL-ST2Q64V24-CCx



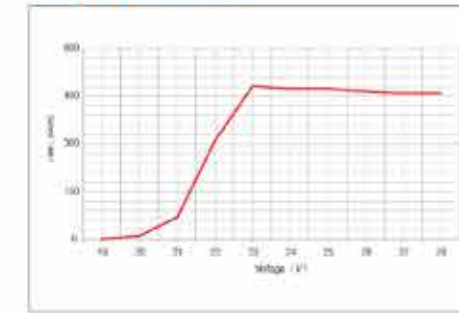
Color temperature	2700k	3000k	4000k	6000k
Lumen / m	1545LM	1572LM	1620LM	1589LM

Input voltage	DC24V
Power/m	9.6W
Max current / LED	50mA
Beam angle	120°
CRI(Ra)	>80
LEDs /m	64LEDs
SMD Type	2835
Working hour	50000
Working temperature	-25℃~+45℃
Cuttable length	125mm
PCB Width	10mm

5m



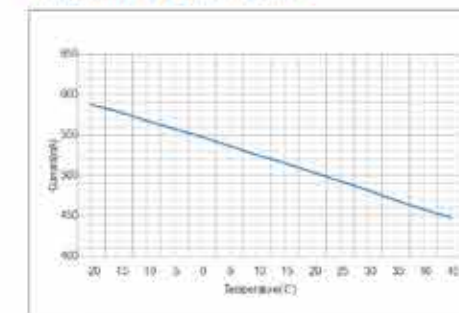
Voltage & Current Curve



Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2hrs continuous working in 15°C room temperature.

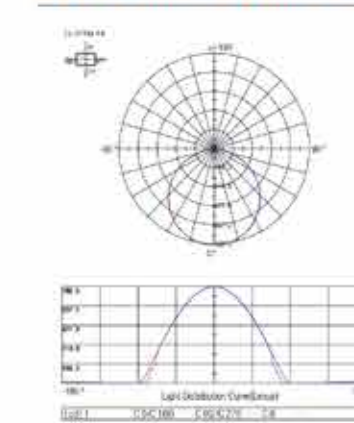
PL

Temperature & Current Curve

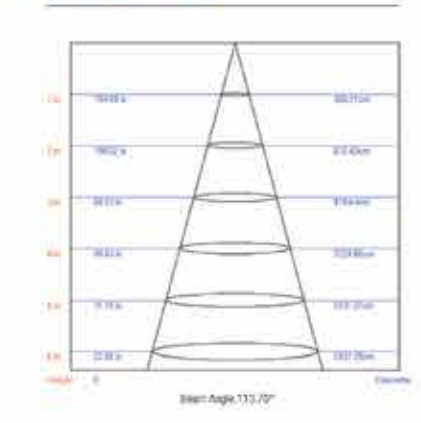


Note: This curve is test data of 1M LED Strip.

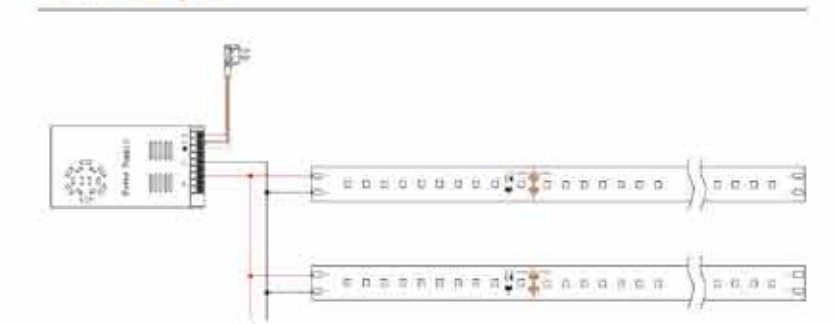
Light Distribution Curve (Unit: cd)



Lux-Distance Curve



Installation Diagram



SMD2835 80LEDs/m

High Efficiency Constant Current Series

Model: PL-ST2Q80V24-CCx



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	1932LM	1972LM	2023LM	1987LM

Input voltage	DC24V
Power/m	12W
Max current / LED	50mA

5m





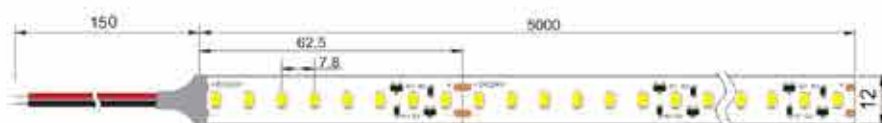
160
LM/W

SMD2835 128LEDs/m

High efficiency constant current circuit design to realize 160lm/w led strip achieving real green, energy saving and environmental protection. The High Efficiency SMD2835 LED strip light product line is an ideal solution for commercial applications needing maximum brightness to highlight features.

RoHS Compliant	CE Approved	C-tick
5 5-year Warranty	ETL Approved	3 STEP MacAdam
CC Constant Current	50000 Working Hour	

Model: PL-ST2Q128V24-CCx

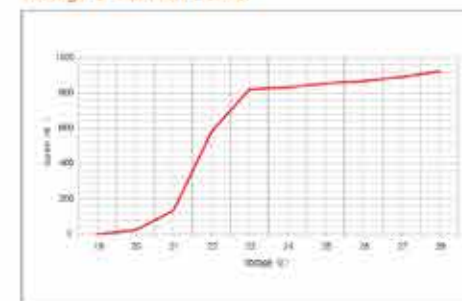


Color temperature	2700k	3000k	4000k	6000k
Lumen / m	2890LM	2934LM	3034LM	2978LM
Input voltage	DC24V			
Power/m	18W			
Max current / LED	46.8mA			
Beam angle	120°			
CRI/Ra1	>80			
LEDs / m	128LEDs			
SMD Type	2835			
Working hour	50000h			
Working temperature	-25℃ ~ +45℃			
Cuttable length	62.5mm			
PCB Width	12mm			

5m

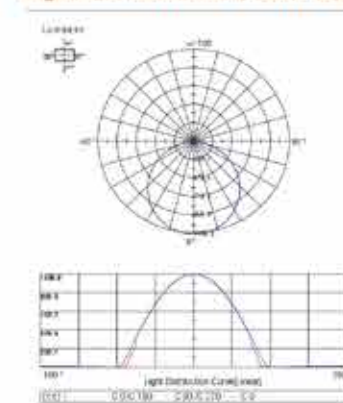


Voltage & Current Curve

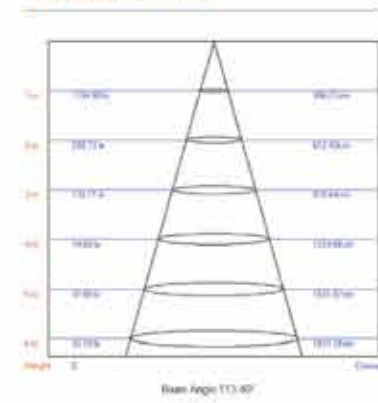


Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2hrs continuous working in 15℃ room temperature.

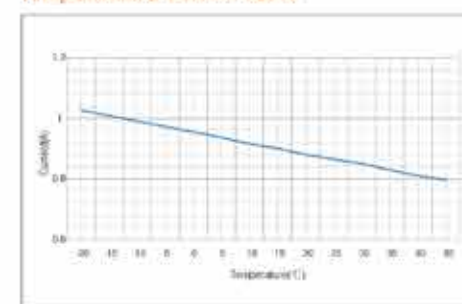
Light Distribution Curve [Unit: cd]



Lux-Distance Curve

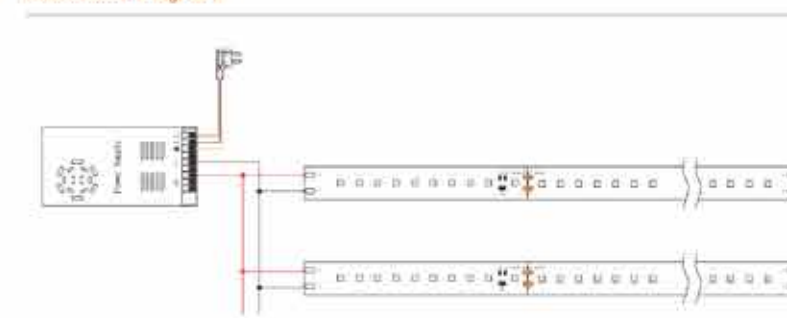


Temperature & Current Curve



Note: This curve is test data of 1M LED Strip.

Installation Diagram



SMD2835 160LEDs/m High Efficiency Constant Current Series

Model: PL-ST2Q160V24-CCx



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	3374LM	3423LM	3540LM	3468LM

Input voltage	DC24V
Power/m	21W
Max current / LED	43.7mA

5m





**>150
LM/W**

SMD5630 128LEDs/m

High efficiency constant current circuit design to realize 150lm/w led strip achieving real green, energy saving and environmental protection. The High Efficiency SMD5630 LED strip light product line is an ideal solution for commercial applications needing maximum brightness to highlight features.

Model: PL-ST6Q128V24-CCx



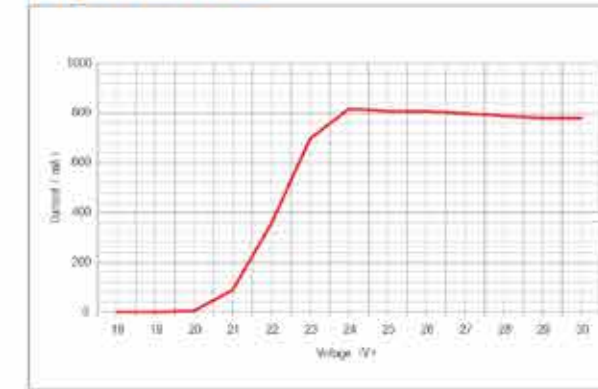
Color temperature	2700K	3000K	4000K	6000K
Lumen / m	3346LM	3387LM	3476LM	3432LM

Input voltage	DC24V
Power/m	22W
Max current / LED	57mA
Beam angle	120°
CRI/Ra	>80
LEDs /m	128LEDs
SMD Type	5630
Working hour	50000h
Working temperature	-25℃~+45℃
Cuttable length	62.5mm
PCB Width	12mm

5m

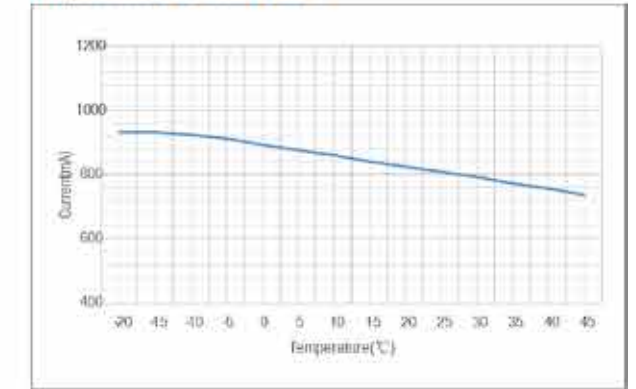


Voltage & Current Curve



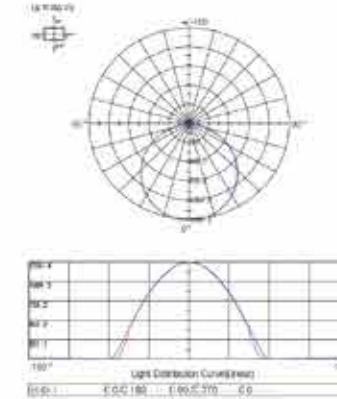
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2hrs continuous working in 15℃ room temperature.

Temperature & Current Curve

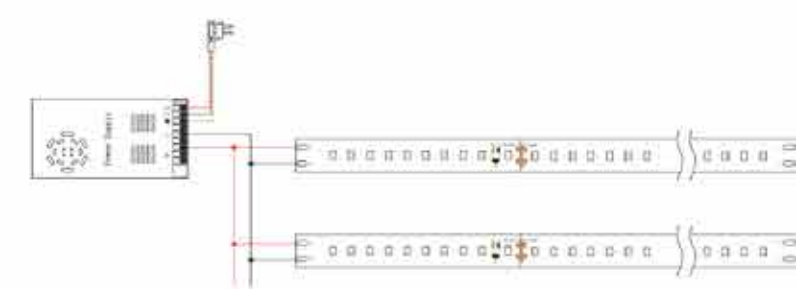


Note: This curve is test data of 1M LED Strip

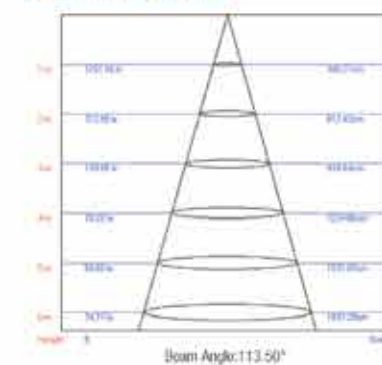
Light Distribution Curve



Installation Diagram



Lux-Distance Curve





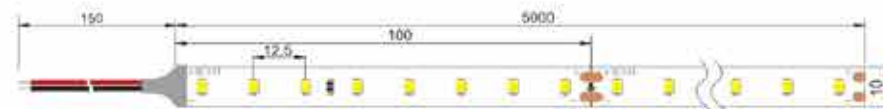
160
LM/W

SMD2835 64LEDs/m

High efficiency constant voltage circuit design to realize 160lm/w led strip achieving real green, energy saving and environmental protection. The High Efficiency SMD2835 LED strip light product line is an ideal solution for commercial applications needing maximum brightness to highlight features.

RoHS Compliant	CE Approved	C-tick
5-year Warranty	ETL Approved	3 STEP MacAdam
CV Constant Voltage	50000 Working Hour	

Model : PL-ST2Q64V24-Cx



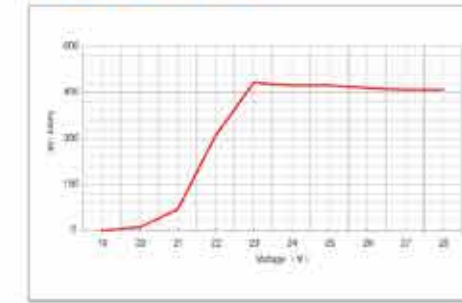
Color temperature	2700k	3000k	4000k	6000k
Lumen / m	1564LM	1569LM	1619LM	1589LM

Input voltage	DC24V
Power/m	9.6W
Max current / LED	50mA
Beam angle	120°
CRI(Ra)	>80
LEDs / m	64LEDs
SMD Type	2835
Working hour	50000
Working temperature	-25°C~+45°C
Cuttable length	100mm
PCB Width	10mm

5m

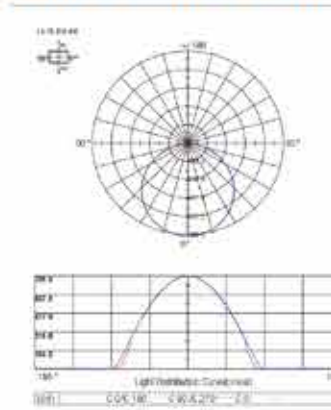


Voltage & Current Curve

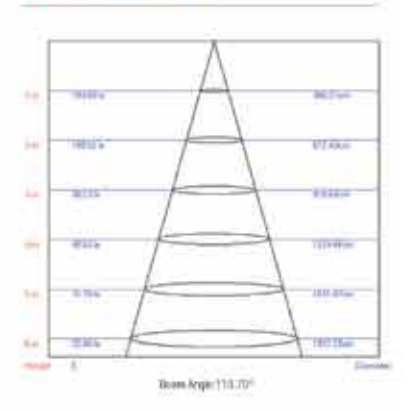


Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2hrs continuous working in 15°C room temperature.

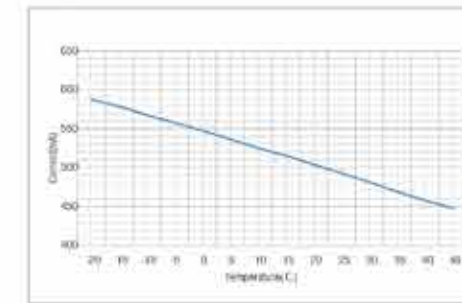
Light Distribution Curve [Unit: cd]



Lux-Distance Curve



Temperature & Current Curve



Note: This curve is test data of 1M LED Strip.

Installation Diagram



SMD2835 80LEDs/m High Efficiency Constant Voltage Series Model : PL-ST2Q80V24-Cx



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	1948LM	1952LM	2024LM	1987LM

Input voltage	DC24V
Power/m	12W
Max current / LED	50mA





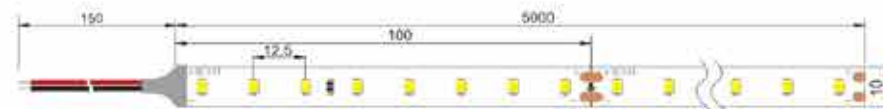
160
LM/W

SMD2835 64LEDs/m

High efficiency constant voltage circuit design to realize 160lm/w led strip achieving real green, energy saving and environmental protection. The High Efficiency SMD2835 LED strip light product line is an ideal solution for commercial applications needing maximum brightness to highlight features.

RoHS Compliant	CE Approved	C-tick
5-year Warranty	ETL Approved	3 STEP MacAdam
CV Constant Voltage	50000 Working Hour	

Model : PL-ST2Q64V24-Cx



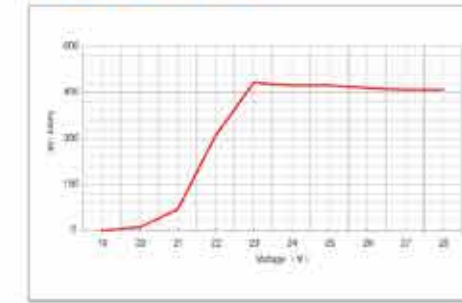
Color temperature	2700k	3000k	4000k	6000k
Lumen / m	1564LM	1569LM	1619LM	1589LM

Input voltage	DC24V
Power/m	9.6W
Max current / LED	50mA
Beam angle	120°
CRI(Ra)	>80
LEDs / m	64LEDs
SMD Type	2835
Working hour	50000
Working temperature	-25°C~+45°C
Cuttable length	100mm
PCB Width	10mm

5m

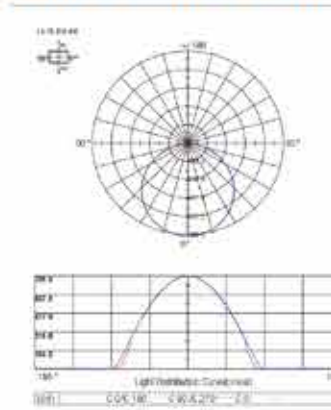


Voltage & Current Curve

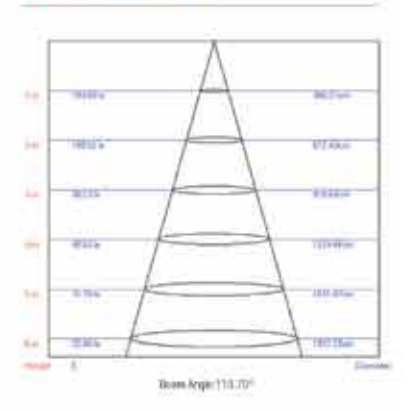


Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2hrs continuous working in 15°C room temperature.

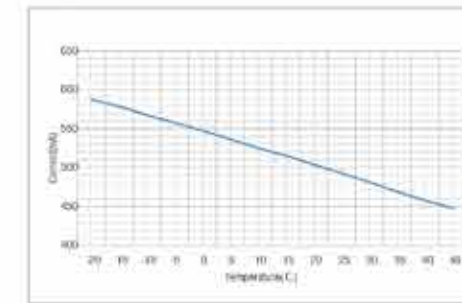
Light Distribution Curve [Unit: cd]



Lux-Distance Curve



Temperature & Current Curve



Note: This curve is test data of 1M LED Strip.

Installation Diagram



SMD2835 80LEDs/m High Efficiency Constant Voltage Series Model : PL-ST2Q80V24-Cx



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	1948LM	1952LM	2024LM	1987LM

Input voltage	DC24V
Power/m	12W
Max current / LED	50mA





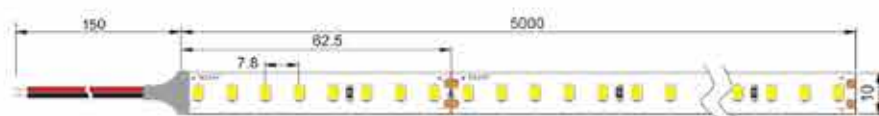
160
LM/W

SMD2835 128LEDs/m

High efficiency constant voltage circuit design to realize 160lm/w led strip achieving real green, energy saving and environmental protection. The High Efficiency SMD2835 LED strip light product line is an ideal solution for commercial applications needing maximum brightness to highlight features.

RoHS Compliant	CE Approved	C-tick
5-year Warranty	ETL Approved	3 STEP MacAdam
CV Constant Voltage	50000 Working Hour	

Model: PL-ST2Q128V24-Cx

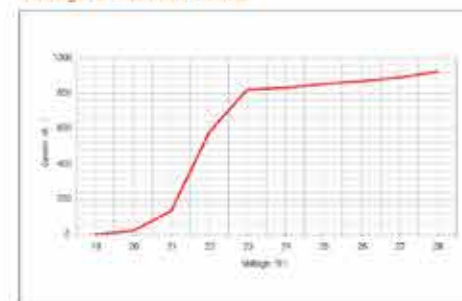


Color temperature	2700k	3000k	4000k	6000k
Lumen / m	2891LM	2934LM	3024LM	2980LM
Input voltage	DC24V			
Power/m	18W			
Max current / LED	46.8mA			
Beam angle	120°			
CRI(Ra)	>80			
LEDs /m	128LEDs			
SMD Type	2835			
Working hour	50000h			
Working temperature	-25°C~+45°C			
Cuttable length	62.5mm			
PCB Width	10mm			

5m

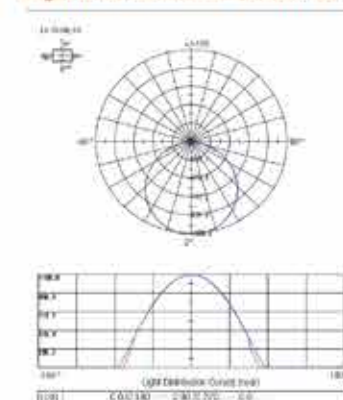


Voltage & Current Curve

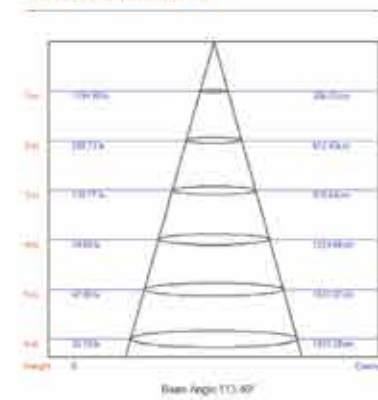


Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2hrs continuous working in 15°C room temperature

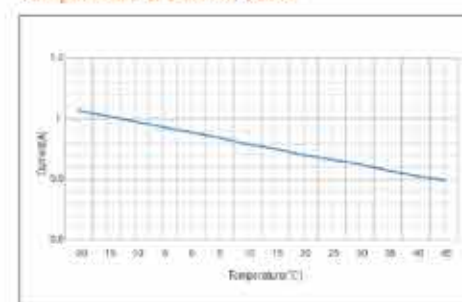
Light Distribution Curve [Unit: cd]



Lux-Distance Curve

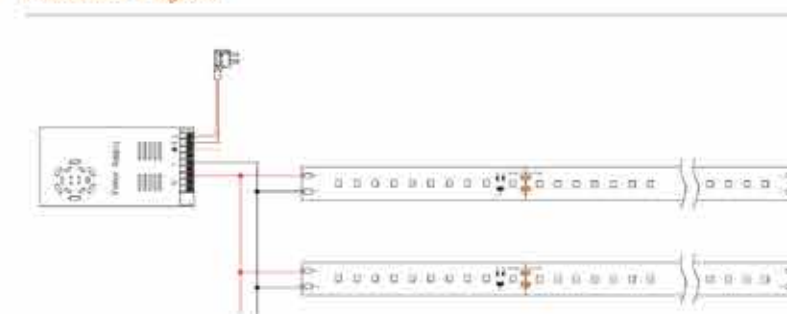


Temperature & Current Curve



Note: This curve is test data of 1M LED Strip.

Installation Diagram



SMD2835 160LEDs/m High Efficiency Constant Voltage Series Model: PL-ST2Q160V24-Cx



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	3374LM	3423LM	3542LM	3477LM

Input voltage	DC24V
Power/m	21W
Max current / LED	43.7mA

5m





PL

PL

STANDARD SERIES

CRI (COLOR RENDERING INDEX) IS A MEASUREMENT OF HOW ACCURATELY A LIGHT SOURCE ILLUMINATES OBJECTS' TRUE COLORS. OUR LED LIGHTS HAVE CRI90, INDICATING THAT OUR LED STRIPS ARE ABLE TO PRODUCE WHITE LIGHT THAT APPROXIMATES HALOGEN OR INCANDESCENT LIGHTING AND NATURAL DAYLIGHT

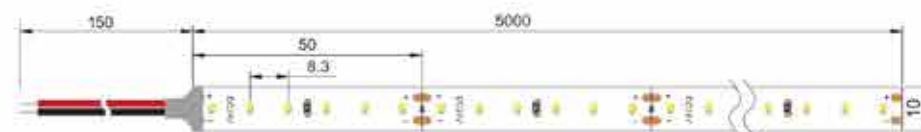


SMD2216 120LEDs/m

Our 2216 SMD LED strip series have CRI90, 2216 Flexible LED Strip Lights is the newest production in 2017. 2216SMD with small size, 420LEDs can be located on existing PCB, very high density. It is very suitable for aluminum profiles in smaller size. Because of LED high density, the light through PC cover is fairly uniform without spot. If you seek a higher density, we can customize for you.

RoHS Compliant	CE Approved	C-tick
5-year Warranty	ETL Approved	>90 CRI
50000 Working Hour	CV Constant Voltage	

Model : PL-ST9Q120



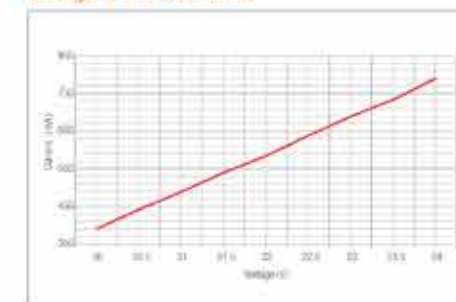
Color temperature	2700k	3000k	4000k	6000k
Lumen / m	998LM	998LM	1017LM	1060LM

Input voltage	DC24V (12V available)
Power/m	12.09W
Max current / LED	25.18mA
Beam angle	120°
CRI(Ra)	>90
LEDs /m	120LEDs
SMD Type	2216
Working hour	30000h
Working temperature	-25°C ~ +45°C
Cuttable length	50mm
PCB Width	10mm

5m

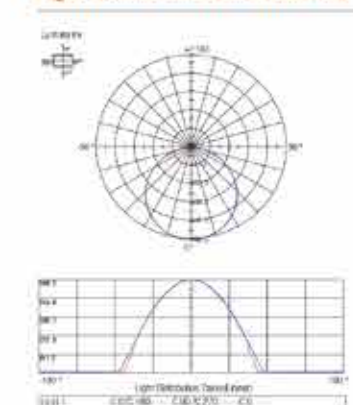


Voltage & Current Curve

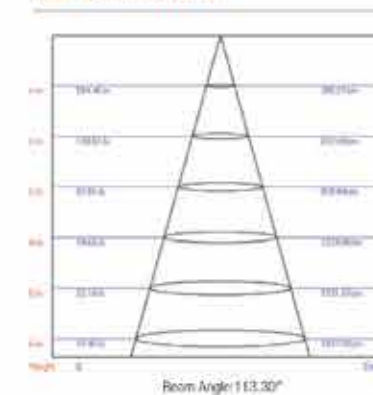


Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working in 15°C room temperature.

Light Distribution Curve [Unit: cd]



Lux-Distance Curve

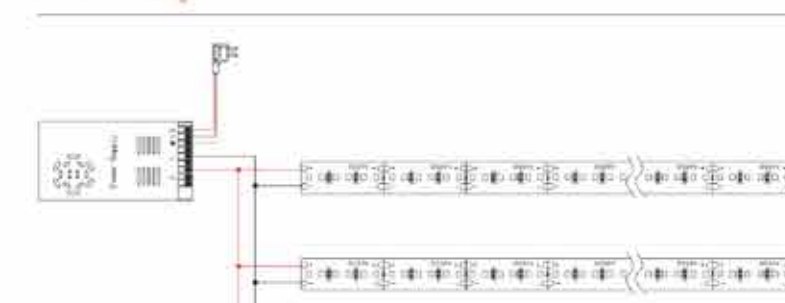


Temperature & Current Curve



Note: This curve is test data of 1M LED Strip.

Installation Diagram



SMD2216 420 LEDs/m Standard Series

Model : PL-ST9Q420



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	2681LM	2681LM	2734LM	2852LM

Input voltage	DC24V (12V available)
Power/m	24W
Max current / LED	14.3mA

5m





RoHS Compliant	CE Approved	C-tick
5 5-year Warranty	ETL Approved	>90 CRI
50000 Working Hour	CV Constant Voltage	3 STEP MacAdam



SMD2835 60 LEDs/m

Our 2835 SMD LED strip series have CRI90, it is high brightness LED Strip. Thus, it is an ideal solution for retail and other commercial applications needing maximum brightness to highlight features. Different types of 2835 SMD LED strips for options: 60LEDs/m, 120LEDs/m, 240LEDs/m flexible 2835 led strip light. Customized design is warmly welcome, we can realize it according to our customer's requirements.

Model : PL-ST2Q60



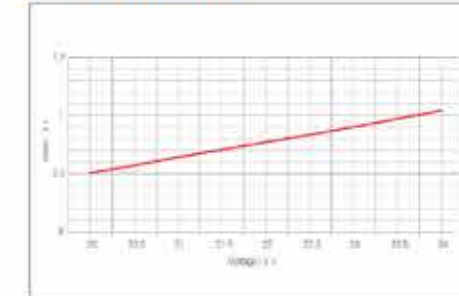
Color temperature	2700k	3000k	4000k	6000k
Lumen / m	984LM	991.6LM	1092LM	1146LM

Input voltage	DC24V (12V available)
Power/m	11.9W
Max current / LED	50mA
Beam angle	120°
CRI(Ra)	>90
LEDs /m	60LEDs
SMD Type	2835
Working hour	30000h
Working temperature	-25°C ~ +45°C
Cuttable length	100mm
PCB Width	10mm

5m

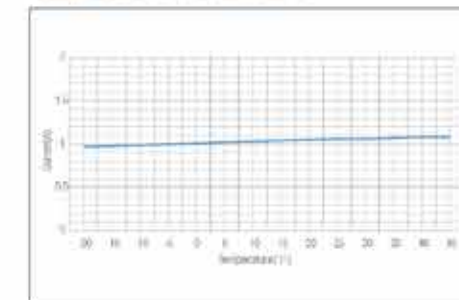


Voltage & Current Curve



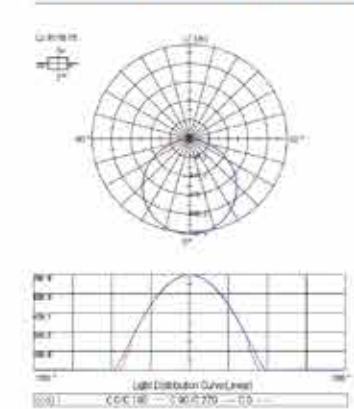
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working in 15°C room temperature.

Temperature & Current Curve

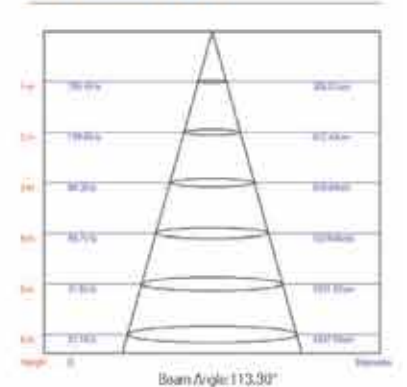


Note: This curve is test data of 1M LED Strip.

Light Distribution Curve (Unit: cd)



Lux-Distance Curve



Installation Diagram



SMD2835 120 LEDs/m Standard Series

Model : PL-ST2Q120



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	1913LM	1927LM	2123LM	2229LM

Input voltage	DC24V (12V available)
Power/m	23.8W
Max current / LED	49.6mA



SMD2835 240 LEDs/m Standard Series

Model : PL-ST2Q240



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	1896LM	1910LM	2104LM	2209LM

Input voltage	DC24V (12V available)
Power/m	22.38W
Max current / LED	23.3mA





SMD3014 60 LEDs/m

Our 3014 SMD LED strip series have CRI90, it is high brightness LED Strip, Different types of SMD3014 led strips for options: 60LEDs per meter, 120LEDs per meter, Customized design is warmly welcome, we can realize high output 3014 SMD LEDs on a flexible PCB strip, the SMD 3014 will suit all strip applications.

RoHS Compliant	CE Approved	C-tick
5-year Warranty	ETL Approved	>90 CRI
50000 Working Hour	CV Constant Voltage	3 STEP MacAdam

Model : PL-ST4Q60



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	525LM	525LM	556LM	535LM

Input voltage	DC24V (12V available)
Power/m	6.4W
Max current / LED	26.5mA
Beam angle	120°
CRI(Ra)	90
LEDs /m	60LEDs
SMD Type	3014
Working hour	30000h
Working temperature	-25℃~+45℃
Cuttable length	100mm
PCB Width	8mm

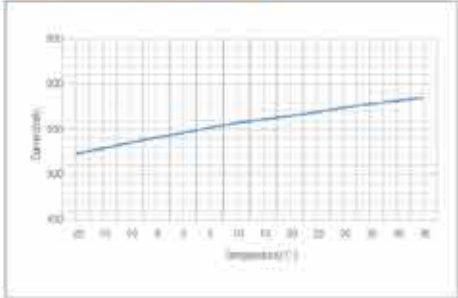


Voltage & Current Curve



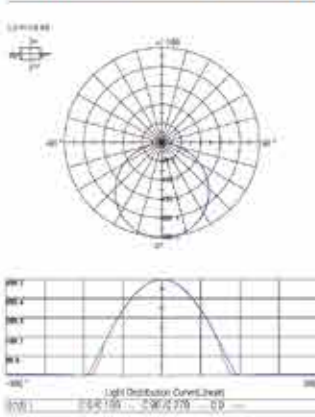
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working in 15℃ room temperature.

Temperature & Current Curve



Note: This curve is test data of 1M LED Strip.

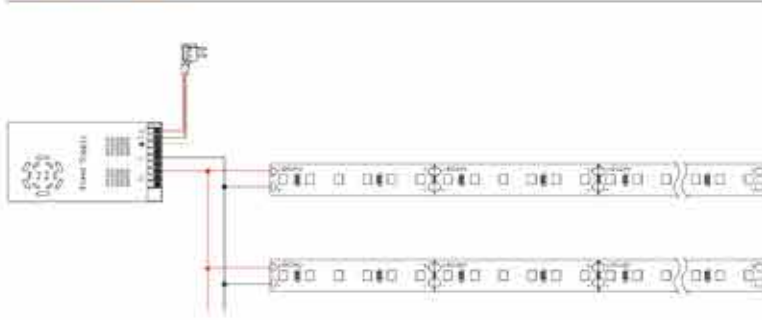
Light Distribution Curve [Unit: cd]



Lux-Distance Curve

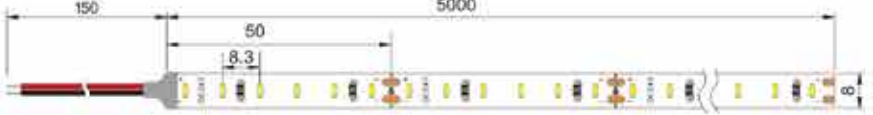


Installation Diagram



SMD3014 120 LEDs/m Standard Series

Model : PL-ST4Q120



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	942LM	998LM	1057LM	1108LM

Input voltage	DC24V (12V available)
Power/m	12W
Max current / LED	25.2mA



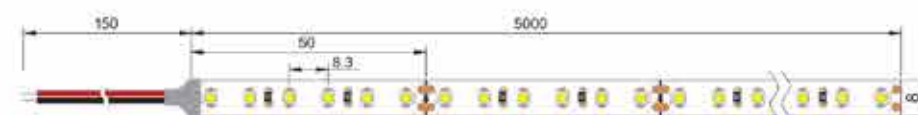


SMD3528 120 LEDs/m

Rich color, variety of color optional, easy to install, also can be used according to the environmental needs waterproof design, LED Strip SMD3528 LED strip lights of single LED is higher than 7-8lm, 3528 SMD luminous efficacy is about 100lm/W, CRI > 90, High quality FPC. This strip is designed for optimal performance and brightness without degradation for long term use.

RoHS Compliant	CE Approved	C-tick
5-year Warranty	ETL Approved	>90 CRI
50000 Working Hour	CV Constant Voltage	3 STEP MacAdam

Model: PL-ST3Q120



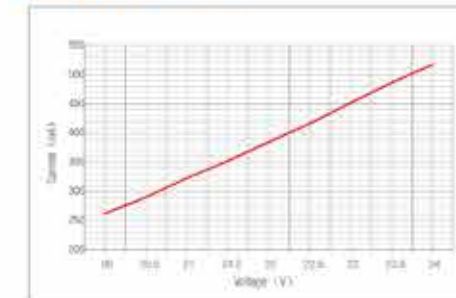
Color temperature	2700k	3000k	4000k	6000k
Lumen / m	568LM	605LM	689LM	730LM

Input voltage	DC24V (12V available)
Power/m	9.2W
Max current / LED	19mA
Beam angle	120°
CRI(Ra)	>90
LEDs /m	120LEDs
SMD Type	3528
Working hour	30000h
Working temperature	-25°C ~ +45°C
Cuttable length	50mm
PCB Width	8mm

5m

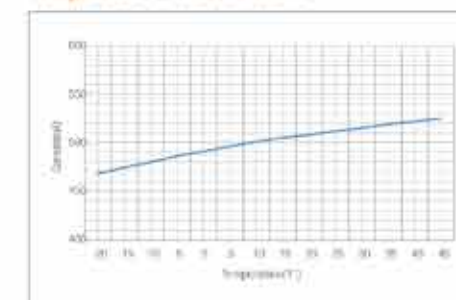


Voltage & Current Curve



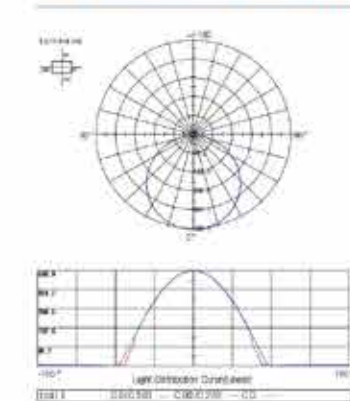
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working in 15°C room temperature.

Temperature & Current Curve

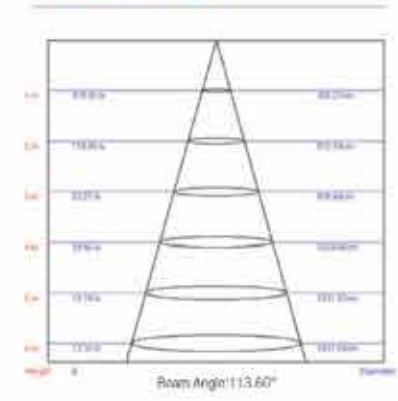


Note: This curve is test data of 1M LED Strip.

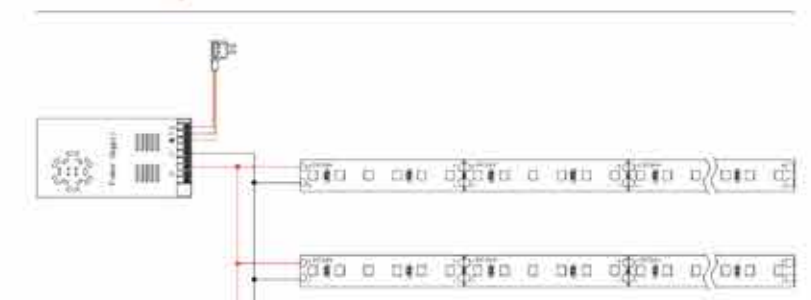
Light Distribution Curve (Unit: cd)



Lux-Distance Curve



Installation Diagram



SMD3528 240 LEDs/m

Standard Series

Model: PL-ST3Q240



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	1135LM	1208LM	1377LM	1459LM

Input voltage	DC24V
Power/m	18.5W
Max current / LED	38mA





SMD5050 60 LEDs/m

Shinesky lighting LED High Density 5050 SMD flexible LED strip is currently one of our brightest strips available. We offer a Color Rendering Index (CRI) over 90, the high CRI flexible 5050 LED strip light product line is an ideal solution for commercial applications needing maximum brightness to highlight features.

RoHS Compliant	CE Approved	C-tick
5-year Warranty	ETL Approved	>90 CRI
50000 Working Hour	CV Constant Voltage	3 STEP MacAdam

Model : PL-ST5Q60V24-Cx



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	934LM	944LM	1122LM	1263LM

Input voltage	DC24V (12V available)
Power/m	13.5W
Max current / LED	56.5mA
Beam angle	120°
CRI(Ra)	90
LEDs /m	60LEDs
SMD Type	5050
Working hour	30000h
Working temperature	-25°C~+45°C
Cuttable length	100mm
PCB Width	10mm

5m

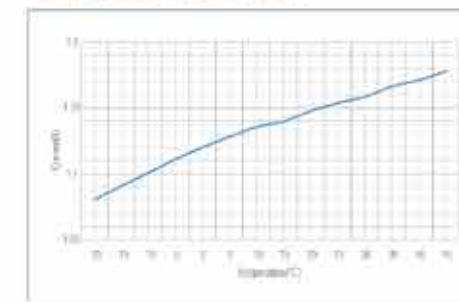


Voltage & Current Curve



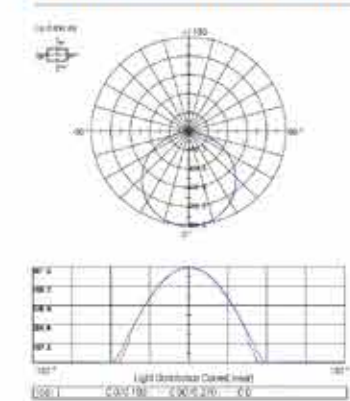
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working in 15°C room temperature.

Temperature & Current Curve

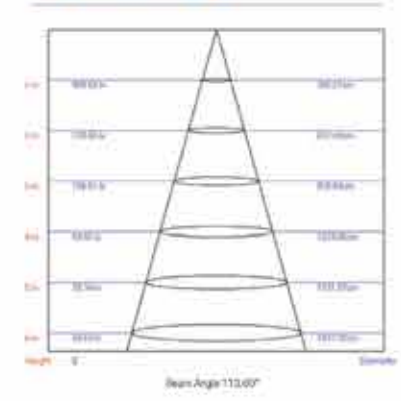


Note: This curve is test data of 1M LED Strip.

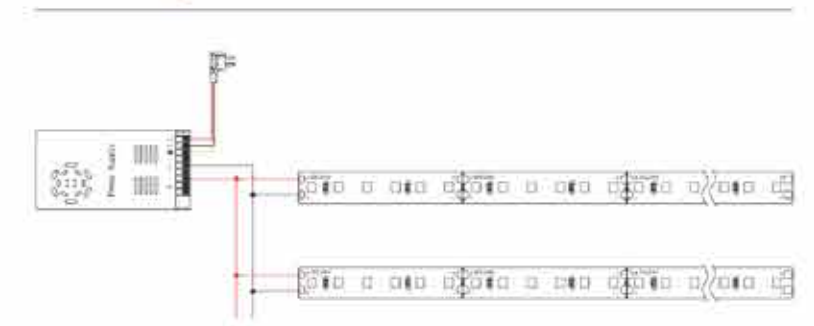
Light Distribution Curve [Unit: cd]



Lux-Distance Curve



Installation Diagram



SMD5050 120LEDs/m Standard Series

Model : PL-ST5Q120V24-Cx



Color temperature	2700k	3000k	4000k	6000k
Lumen / m	1895LM	1895LM	2253LM	2535LM

Input voltage	DC24V (12V available)
Power/m	28W
Max current / LED	58mA

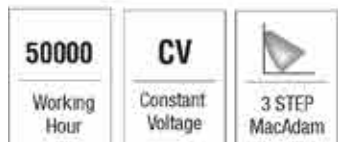
5m





SMD5630 60 LEDs/m

We offer a Color Rendering Index (CRI) over 90, the high CRI SMD5630 LED strip light product line is an ideal solution for commercial applications needing maximum brightness to highlight features. SMD 5630 LED strip series is high brightness LED strip, use 60mA reach 22~27lm each LED.



Model : PL-ST6Q60

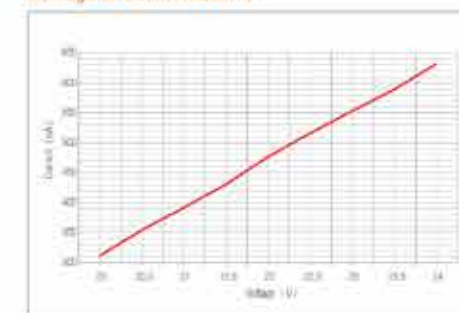


Input voltage	DC24V (12V available)
Power/m	14W
Max current / LED	58.7mA
Beam angle	120°
CRI(Ra)	90
LEDs /m	60LEDs
SMD Type	5630
Working hour	30000h
Working temperature	-25°C ~ +45°C
Cuttable length	100mm
PCB Width	10mm

5m



Voltage & Current Curve



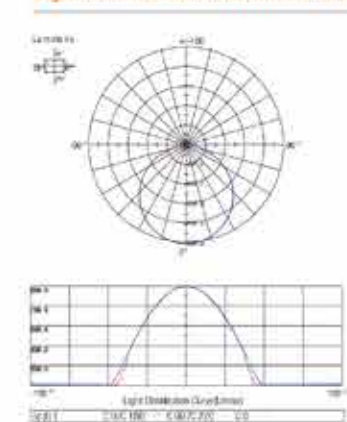
Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working in 15°C room temperature.

Temperature & Current Curve

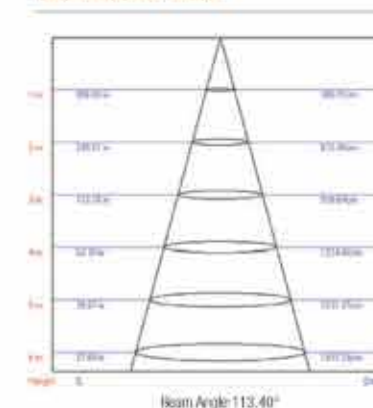


Note: This curve is test data of 1M LED Strip.

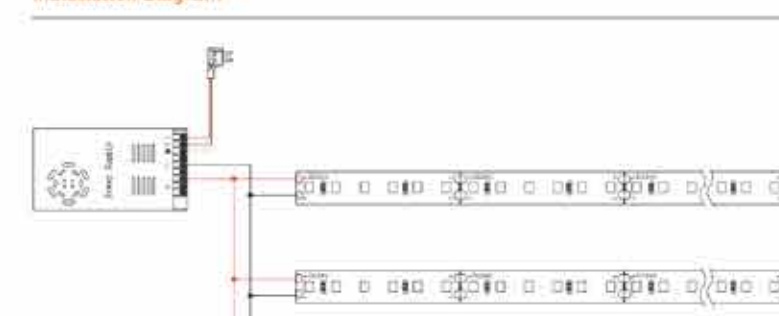
Light Distribution Curve [Unit: cd]



Lux-Distance Curve

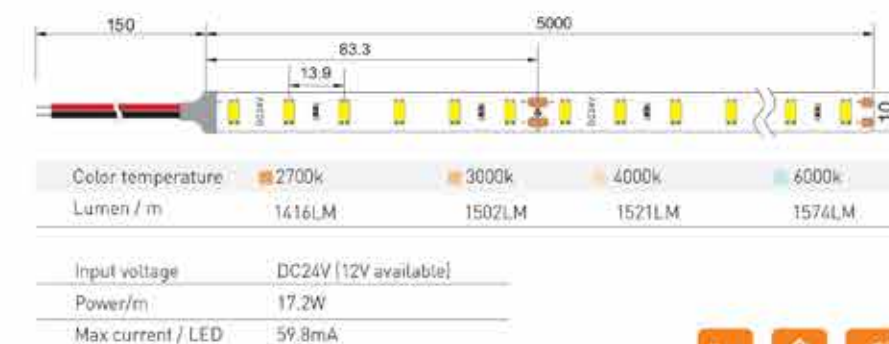


Installation Diagram



SMD5630 72 LEDs/m Standard Series

Model : PL-ST6Q72

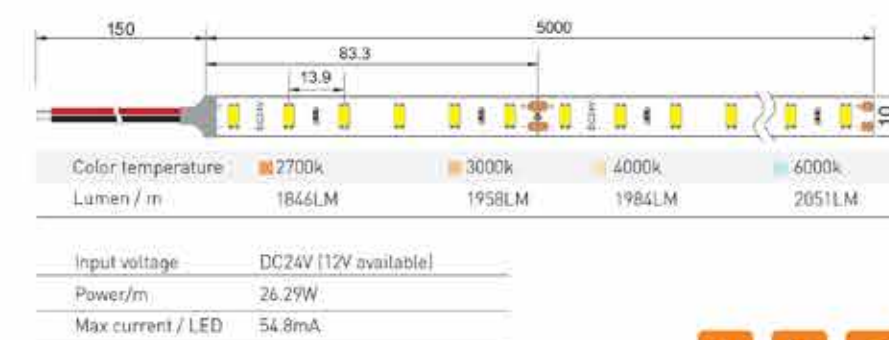


5m



SMD5630 120 LEDs/m Standard Series

Model : PL-ST6Q120



5m

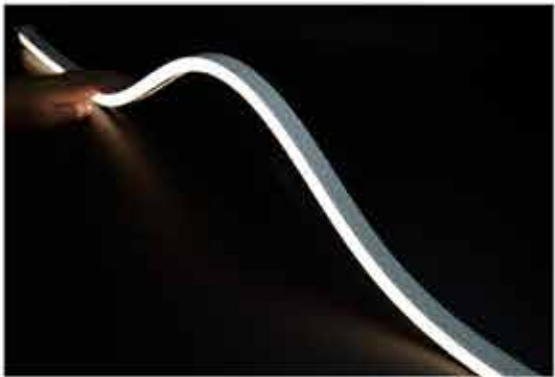


SWIMMING POOL APPLICATION

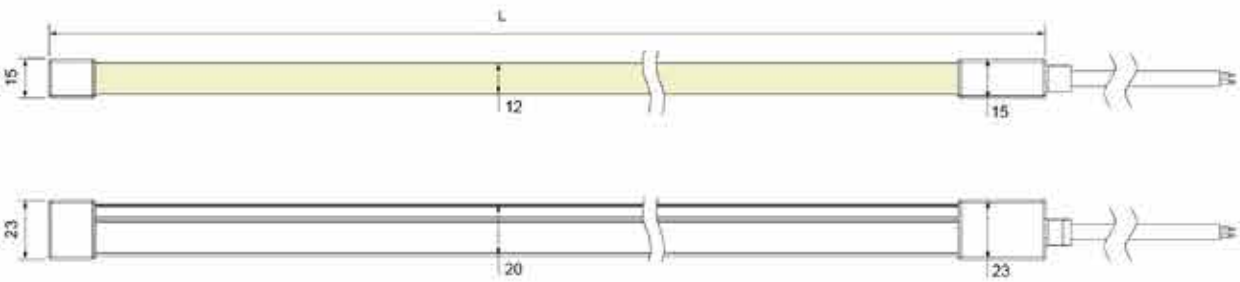
Silicone extrusion process, protection level up to IP68, can be used for a long time in water. Safe low voltage, pure bright light color, excellent flexibility, easy Modeling design, often used in natatorium, aquarium, hotel water features, park landscape bright and so on.

PL-N1220-IP68

It is made of Dow Chemical SILASTIC™ ET-7021 silicone rubber, which provides high transparency and high strength.Environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP68 protection level, salt solution resistance, acids & alkalis and UV resistance.Chlorination resistant, it can be used in underwater environment ,such as swimming pool;Excellent toughness, simple and stylish appearance, delicate and unique.3 years warranty, working life ≥ 30000 hours;

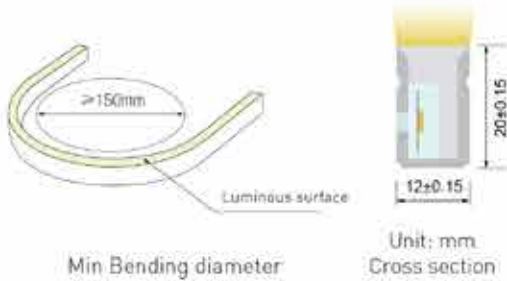


Dimension



Technical Data	
Voltage	DC24V
LED PIN Temperature	Max. 65℃
Storage Temperature	-25℃ - 60℃
Ambient Temperature	Min. -25℃, Max. PL table below
CRI	≥90

Power(w/m)	10w/m
Efficacy(lm/w)@4000K	27.2lm/w
Max Ambient Temperature	45℃



- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Single color
PARAMETER

CCT(K)	CRI	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2400K±150	≥90	DC24V	10	290	29	50	15(CC)	CC/CV
2600K±150	≥90	DC24V	10	242	24.2	50	15(CC)	CC/CV
3000K±150	≥90	DC24V	10	285	28.5	50	15(CC)	CC/CV
4200K±300	≥90	DC24V	10	272	27.2	50	15(CC)	CC/CV
6000K±400	≥90	DC24V	10	281	28.1	50	15(CC)	CC/CV
Red	—	DC24V	10	139	13.9	50	15(CC)	CC/CV
Green	—	DC24V	10	275	27.5	50	15(CC)	CC/CV
Blue	—	DC24V	10	53.5	5.4	50	15(CC)	CC/CV
Yellow	—	DC24V	10	113	11.3	50	15(CC)	CC/CV
Orange	—	DC24V	10	122	12.2	50	15(CC)	CC/CV
Pink	—	DC24V	10	242	24.2	50	15(CC)	CC/CV

*Remarks: the maximum production length is 10m/pcs.

CCT Tunable
PARAMETER

CCT(K)	CRI	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2600K±150	≥90	DC24V	5	140	28	62.5	5	CV
6000K±400	≥90	DC24V	5	145	29	62.5	5	CV
2600K+6000K	≥90	DC24V	10	285	28.5	62.5	5	CV

RGB
PARAMETER

CCT(K)	CRI	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
R	—	DC24V	3.3	36	11	83.33	5	CV
G	—	DC24V	3.3	130	39.3	83.33	5	CV
B	—	DC24V	3.3	24	7.4	83.33	5	CV
RGB	—	DC24V	10	190	19	83.33	5	CV

SPI
PARAMETER

Voltage	Power(W)	CCT(K)	Lumen (LM/M)	Efficiency (LM/W)	Pitch (PCS)	Signal Type	IC Model	Unit Length (mm)
DC24V	4.8	R	22	4.57	8	SPI	UCS1903	125
	4.8	G	70	14.9				
	4.8	B	12	2.6				
	11.5	RGB	99	8.9				

Accessories

Mounting Clips

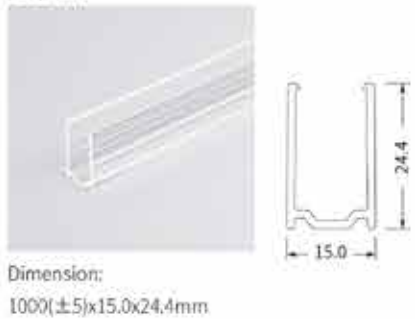


Aluminium Profile



⚠ Aluminum profiles cannot be used in swimming pools.

PC Profile



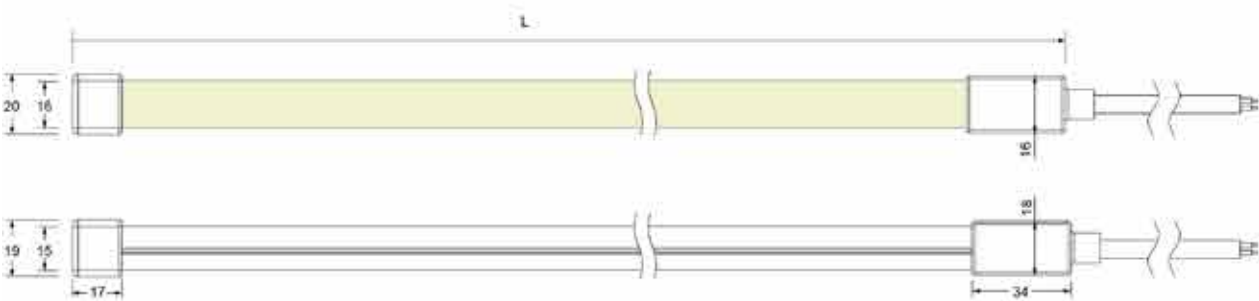
⚠ PC profile cannot be lifted (inverted) for use

PL-N1615-IP68

It is made of Dow Chemical SILASTIC™ ET-7021 silicone rubber, which provides high transparency and high strength.Environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP68 protection level, salt solution resistance, acids & alkalis and UV resistance.Chlorination resistant, it can be used in underwater environment ,such as swimming pool;Excellent toughness, simple and stylish appearance, delicate and unique.3 years warranty, working life ≥ 30000 hours;



Dimension



Technical Data	
Voltage	DC24V
LED PIN Temperature	Max. 65℃
Storage Temperature	-25℃ - 60℃
Ambient Temperature	Min. -25℃, Max (Table below)
CRI	≥90

PL

Power(w/m)	10w/m
Efficacy(lm/w)@4000K	41lm/w
Max Ambient Temperature	45℃

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 68

Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2400K±150	≥90	DC24V	10	370	37	50	15(CC)	CC/CV
2600K±150	≥90	DC24V	10	370	37	50	15(CC)	CC/CV
3000K±150	≥90	DC24V	10	375	37.5	50	15(CC)	CC/CV
4000K±300	≥90	DC24V	10	410	41	50	15(CC)	CC/CV
6100K±400	≥90	DC24V	10	375	37.5	50	15(CC)	CC/CV
Red	--	DC24V	10	174	17.4	50	15(CC)	CC/CV
Green	--	DC24V	10	689	68.9	50	15(CC)	CC/CV
Blue	--	DC24V	10	89	8.9	50	15(CC)	CC/CV
Yellow	--	DC24V	10	178	17.8	50	15(CC)	CC/CV
Orange	--	DC24V	10	184	18.4	50	15(CC)	CC/CV
Pink	--	DC24V	10	437	43.7	50	15(CC)	CC/CV

*Remarks: the maximum production length is 10m/pcs.

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2500K±150	≥90	DC24V	5	200	40	62.5	5	CV
6100K±400	≥90	DC24V	5	210	42	62.5	5	CV
2500K+6100K	≥90	DC24V	10	410	41	62.5	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	54.45	16.5	83.33	5	CV
G	--	DC24V	3.3	201.3	61	83.33	5	CV
B	--	DC24V	3.3	39.6	12	83.33	5	CV
RGB	--	DC24V	10	295	29.5	83.33	5	CV

SPI
PARAMETER



Voltage	Power(W)	CCT(K)	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Signal Type	IC Model	Unit Length (mm)
DC24V	4.8	R	73.5	15.3	8	SPI	UCS1903	125
	4.8	G	182	37.9				
	4.8	B	33	6.8				
	11.5	RGB	288	25.0				

PL

Accessories

Mounting Clips



Dimension:
20x18x18mm



Aluminium Profile



Dimension:
100D(±5)x20.5x17.6mm



PC Profile



Dimension:
100D(±5)x19.5x19.8mm



⚠ Aluminum profiles cannot be used in swimming pools.

⚠ PC profile cannot be lifted (inverted) for use