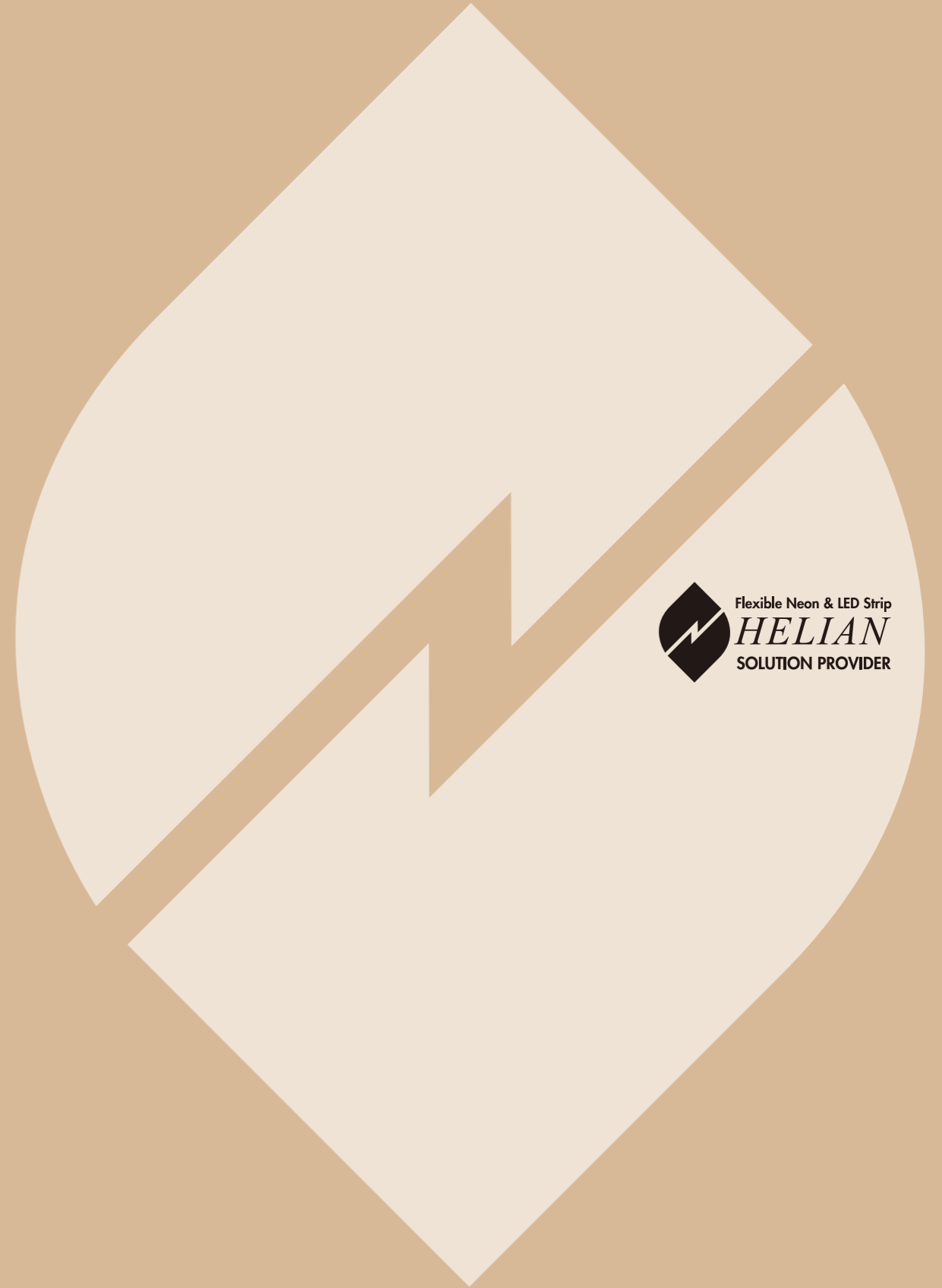


**TWO THOUSAND AND TWENTY-THREE**



**WELCOME**  
**TO HELIAN**



**HELIAN**

Shenzhen Helian Electronics Co.,Ltd (HLLED) is a high-technology enterprise established in 2007 with a vision to provide cost-effective lighting solutions. With a team of highly-trained and seasoned lighting experts, professional sales representative, skilled staffs, Helian is your go-to partner for turn-key LED lighting solutions, with exceptional customer service and support. With 16 years of experience in researching & developing LED strip lights, our business network is extending to Europe, America, Russia and all around the world. Our producing area is over 20000 m<sup>2</sup> and owns a strong competitive team with much spirit of team work, which also process a sense of social responsibility.

Our product lines include a full-range of surface, recessed, and pendant mounted linear LED fixtures for decorative, task, and general lighting purposes, in addition to an unparalleled selection of high-quality components: LED linear light, LED aluminum profiles, LED grow light, LED cabinet light, LED flexible strips, LED rigid strips, LED tube light, LED panel light, LED flood light, LED controller, LED lighting accessories, and different types of power-supplies and controls for low-voltage LED lighting. With demand for LED lighting increasing, Helian stays committed to innovating our product offerings to reflect the best and latest in solid-state technology. Helian is a strategic design-minded manufacturer of customized LED lighting systems for decorative, residential, and commercial lighting needs, which are widely used in airport, museums, libraries, residential, galleries, corridors, offices, reception areas, cinema hall, laboratories, entertainment areas, hotels, exhibition halls, theme venues, schools and colleges, indoor & outdoor, clinics & hospitals, parking lots covered with sidewalks and other fields. As LED strip light experts, we excel in LED profession, and take pride in the quality of our products. We make LED strip lights like art creation. With committed endeavors of our professional design and engineering team, our LED strip lights are created with the greatest performance for various residential and commercial lighting projects. With an unwavering commitment to quality and full-service project management and support, our goal is to deliver robust and reliable lighting systems that are simple to install, affordable, and most importantly—realize the vision of the homeowner, designer, or builder-alike.

We passed ISO14001:2015, ISO 9001:2015 version international quality administration certification successively, and our series products are certified by UL, CE, RoHS, product safety certifications and so on. Our story is one of impressive evolution and establishing a relationship of trust with our customers. The reputation of the company is forged thanks to each quality project realized in collaboration with our agents. We are proud to develop products on which our collaborator can count on for maximum performance and built with quality materials for years of durability. Based on solid technical knowledge, Helian continually develops innovative products to meet everyone's needs. Our vision is to provide beautiful LED strip lighting to the world. Everyone has equal right to live with beautiful lighting. With our vision, we do our best to offer the best LED lighting with the best prices to everyone. Discover the advantage of partnering with Helian by contacting us today!

# Product System

As a forerunner of linear lighting, keeps exploring and expanding the definition and boundary of linear lighting. At present, its products contain various categories and forms of light source and luminaire, as listed below, in order to provide designers building spatial light environments with perfect linear lighting solutions.



## 1 LED Strip Light

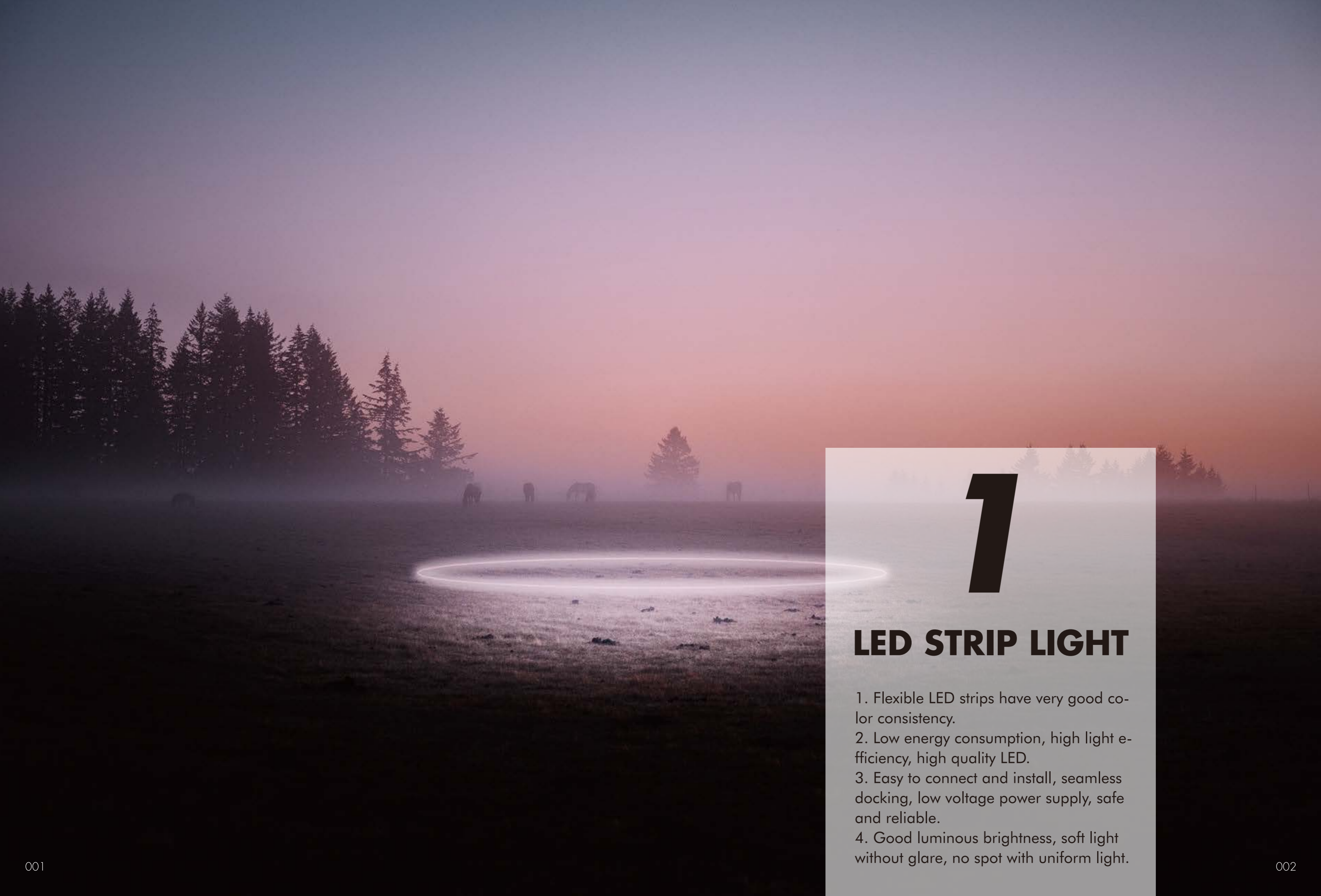
LED Strip Light are available in a variety of options including power, color, CCT, CRI, and more. It passed CE, ROHS, UL and other certifications, applying to indoor and outdoor lighting, furniture, vehicle, advertisement and other supporting usages.



## 2 LED Neon Light

LED Neon Light, is made by adopting dualcolor silicone integrated extrusion shaping process, and its protection grade reaches up to IP67, it has the characteristics of good protection performance, outstanding weather resistance, resistance to corrosive gases, dust proof, uniform lighting, etc. Applying to indoor and outdoor molding decoration, building outlines, city night scenes illuminating and so forth for the sake of the effect of decorative lighting.





# 1

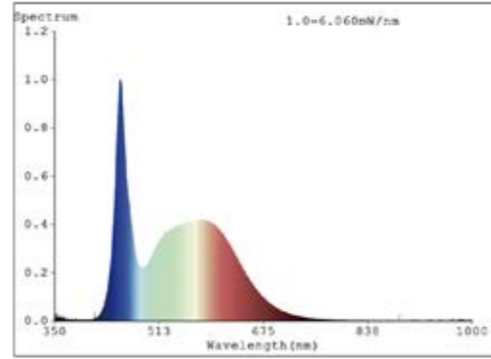
## LED STRIP LIGHT

1. Flexible LED strips have very good color consistency.
2. Low energy consumption, high light efficiency, high quality LED.
3. Easy to connect and install, seamless docking, low voltage power supply, safe and reliable.
4. Good luminous brightness, soft light without glare, no spot with uniform light.

# 2835 FLEXIBLE STRIP LIGHT



## • HL-R60W2835/8 SPECTRUM TEST REPORT



### Color Parameters:

Chromaticity Coordinate:  $x=0.3169$   $y=0.3188$  /  
 $u^*=0.2047$   $v^*=0.4634$   
 CCT=6344K(Duv=-0.0043)  
 Dominant WL:  $L_d=479.1$ nm  
 Purity=6.9%  
 Ratio: R=14.8% G=79.2% B=5.9%  
 Peak WL: $L_p=453.1$ nm FWHM=22.3nm  
 Render Index: Ra=87.1 CRI=81.6 AvgR=81.9  
 R1=88 R2=92 R3=92 R4=87 R5=87 R6=85  
 R7=89 R8=76 R9=33 R10=79 R11=86  
 R12=61 R13=90 R14=96 R15=86

### Photo Parameters:

Flux = 164.6lm Eff. : 129.38lm/W Fe = 552.4W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R30W2835/8	2835	2700 K 3000 K 4000 K 6000 K	90	30	8mm	12V/24V	6W	531	88.5	12V:100mm/24V:166.67mm
HL-R60W2835/5V/5	2835	2700 K 3000 K 4000 K 6000 K	90	60	5mm	5V	8W	600	75	5V:16.67mm
HL-R60W2835/5	2835	2700 K 3000 K 4000 K 6000 K	90	60	5mm	12V/24V	10W	890	89	12V:50mm/24V:100mm
HL-R60W2835/8	2835	2700 K 3000 K 4000 K 6000 K	90	60	8mm	12V/24V	12W	1060	88.5	12V:50mm/24V:100mm
HL-R60W2835/10	2835	2700 K 3000 K 4000 K 6000 K	90	60	10mm	12V/24V	12W	1060	88.5	12V:50mm/24V:100mm
HL-R70W2835/10	2835	2700 K 3000 K 4000 K 6000 K	90	70	10mm	24V	12W	1230	102.5	24V:100mm
HL-R84W2835/8	2835	2700 K 3000 K 4000 K 6000 K	90	84	8mm	12V	16.8W	1478	87.9	12V:35.72mm
HL-R84W2835/10	2835	2700 K 3000 K 4000 K 6000 K	90	84	10mm	12V/24V	16.8W	1478	87.9	12V:35.72mm/24V:71.43mm
HL-R98W2835/8	2835	2700 K 3000 K 4000 K 6000 K	90	98	8mm	24V	16.8W	1724	102.5	24V:71.43mm
HL-R120W2835/5	2835	2700 K 3000 K 4000 K 6000 K	90	120	5mm	12V/24V	14.4W	1320	91	12V:25mm/24V:50mm
HL-R120W2835/6	2835	2700 K 3000 K 4000 K 6000 K	90	120	6mm	12V/24V	16.8W	1536	91.4	12V:25mm/24V:50mm
HL-R120W2835/8	2835	2700 K 3000 K 4000 K 6000 K	90	120	8mm	12V/24V	19.2W	1720	89.5	12V:25mm/24V:50mm
HL-R120W2835/10	2835	2700 K 3000 K 4000 K 6000 K	90	120	10mm	12V/24V	24W	2110	88	12V:25mm/24V:50mm
HL-R140W2835/5	2835	2700 K 3000 K 4000 K 6000 K	90	140	5mm	24V	14.4W	1540	106	24V:50mm
HL-R140W2835/10	2835	2700 K 3000 K 4000 K 6000 K	90	140	10mm	24V	24W	2460	102.5	24V:50mm
HL-R144W2835/15	2835	2700 K 3000 K 4000 K 6000 K	90	144	15mm	24V	28.8W	2534	88	24V:83.34mm
HL-R168W2835/6	2835	2700 K 3000 K 4000 K 6000 K	90	168	6mm	12V/24V	10W	940	94	12V:17.86mm/24V:35.72mm
HL-2R168W2835/20	2835	2700 K 3000 K 4000 K 6000 K	90	168	20mm	24V	30W	2670	89	24V:35.72mm
HL-R180W2835/5	2835	2700 K 3000 K 4000 K 6000 K	90	180	5mm	24V	14.4W	1322	91.8	24V:33.34mm
HL-R180W2835/8	2835	2700 K 3000 K 4000 K 6000 K	90	180	8mm	24V	14.4W	1322	91.8	24V:33.34mm
HL-R180W2835/10	2835	2700 K 3000 K 4000 K 6000 K	90	180	10mm	24V	24W	2190	91.25	24V:33.34mm
HL-R182W2835/10	2835	2700 K 3000 K 4000 K 6000 K	90	182	10mm	24V	24W	2520	105	24V:38.47mm
HL-3R182W2835/32	2835	2700 K 3000 K 4000 K 6000 K	90	182	32mm	24V	25W	2620	104.8	24V:38.47mm
HL-5R280W2835/64	2835	2700 K 3000 K 4000 K 6000 K	90	280	64mm	24V	40W	3420	85.8	24V:25mm
HL-R240W2835/10	2835	2700 K 3000 K 4000 K 6000 K	90	240	10mm	24V	24W	2200	91.6	24V:25mm
HL-R120W2835/10	2835	2700 K 3000 K 4000 K 6000 K	90	120	10mm	12V	14W	1400	100	12V:8.34mm
						24V	19W	1750	97	24V:8.34mm

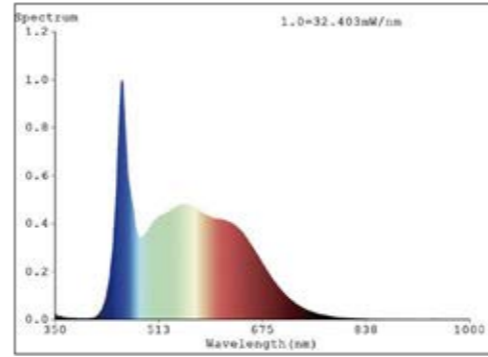




# 5050 FLEXIBLE STRIP LIGHT



## • HL-R60X5050/10 SPECTRUM TEST REPORT



### Color Parameters:

Chromaticity Coordinate:  $x=0.4694$   $y=0.4116$  /

$u'=0.2682$   $v'=0.5292$

CCT=2579K(Duv=-0.0003)

Dominant WL:  $L_d = 585.0\text{nm}$

Purity=64.5%

Ratio: R=27.9% G=70.0% B=2.1%

Peak WL:  $L_p=639.5\text{nm}$  FWHM=150.9nm

Render Index: Ra=97.0 CRI=95.7 AvgR=95.9

R1=99 R2=98 R3=94 R4=96 R5=98 R6=97

R7=97 R8=97 R9=91 R10=93 R11=95

R12=90 R13=99 R14=95 R15=98

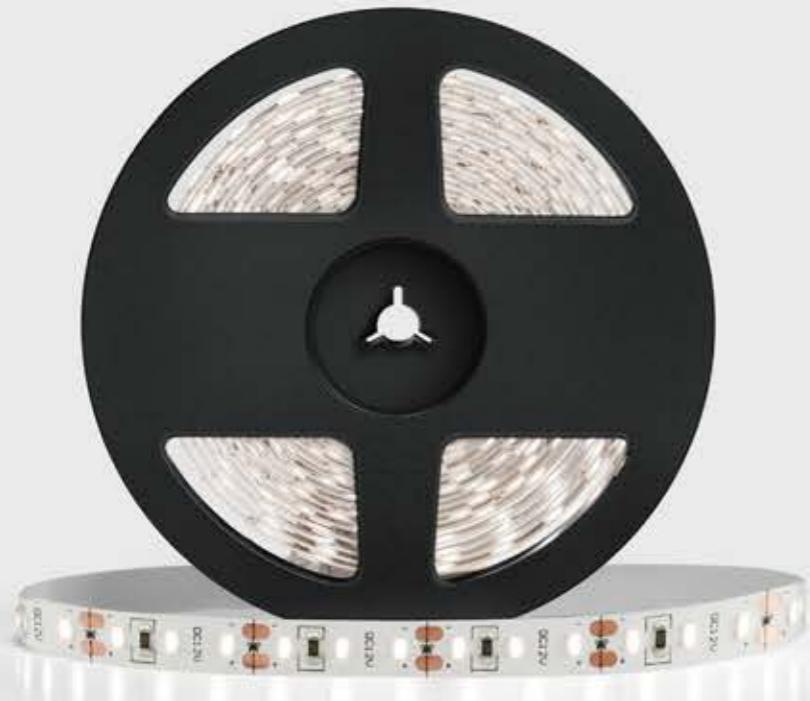
### Photo Parameters:

Flux = 4123lm Eff. : 72.58lm/W  $F_e = 16.93$  W

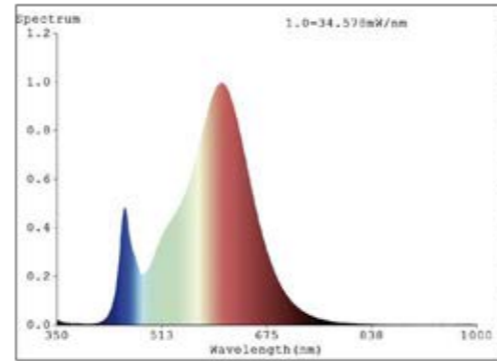
Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R30X5050/10	5050	2700 K 3000 K 4000 K 6500 K	90	30	10mm	12V/24V	7.2W	550	77	12V:100mm/24V:166.67mm
HL-R48X5050/10	5050	2700 K 3000 K 4000 K 6500 K	90	48	10mm	12V/24V	11.52W	880	77	12V:62.5mm/24V:125mm
HL-R60X5050/8	5050	2700 K 3000 K 4000 K 6500 K	90	60	8mm	24V	14.4W	1110	77	24V:50mm
HL-R60X5050/10	5050	2700 K 3000 K 4000 K 6500 K	90	60	10mm	12V/24V	14.4W	1110	77	12V:50mm/24V:100mm
HL-R60X5050/12	5050	2700 K 3000 K 4000 K 6500 K	90	60	12mm	12V/24V	14.4W	1110	77	12V:50mm/24V:100mm
HL-R72X5050/10	5050	2700 K 3000 K 4000 K 6500 K	90	72	10mm	24V	17.28W	1332	77	24V:100mm
HL-R96X5050/12	5050	2700 K 3000 K 4000 K 6500 K	90	96	12mm	24V	19.2W	1530	79	24V:62.5mm
HL-2R120X5050/15	5050	2700 K 3000 K 4000 K 6500 K	90	120	15mm	24V	28.8W	2220	77	24V:50mm
HL-2R120X5050/20	5050	2700 K 3000 K 4000 K 6500 K	90	120	20mm	12V/24V	28.8W	2220	77	12V/24V:50mm



# 3014 + SIDE-EMITTING FLEXIBLE STRIP LIGHT



## • HL-R120W3014/8 SPECTRUM TEST REPORT



### Color Parameters:

Chromaticity Coordinate:  $x=0.4468$   $y=0.4031$  /

$u'=0.2573$   $v'=0.5225$

CCT=2833K(Duv=-0.0016)

Dominant WL:  $L_d=584.1$ nm Purity=55.1%

Ratio: R=24.2% G=73.2% B=2.7%

Peak WL:  $L_p=606.1$ nm FWHM=114.3nm

Render Index: Ra=82.0 CRI=77.1 AvgR=76.9

R1=81 R2=93 R3=93 R4=78 R5=82 R6=92

R7=80 R8=56 R9=6 R10=85 R11=78 R12=75

R13=84 R14=97 R15=73

### Photo Parameters:

Flux = 1598lm Eff. : 128.13lm/W  $F_e = 4.913$ W

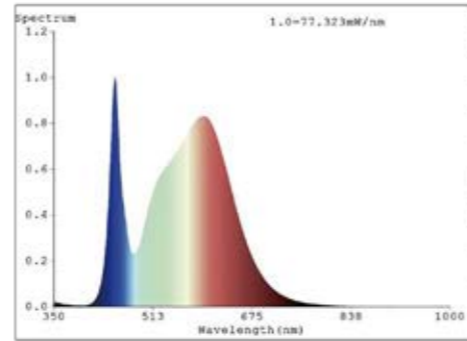
Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R60W3014/8	3014	2700 K 3000 K 4000 K 6500 K	90	60	8mm	12V/24V	7.2W	640	89	12V:50mm/24V:100mm
HL-R70W3014/8	3014	2700 K 3000 K 4000 K 6500 K	90	70	8mm	24V	7.2W	750	104	24V:100mm
HL-R120W3014/5	3014	2700 K 3000 K 4000 K 6500 K	90	120	5mm	12V/24V	12W	1080	90	12V:25mm/24V:50mm
HL-R120W3014/8	3014	2700 K 3000 K 4000 K 6500 K	90	120	8mm	12V/24V	12W	1080	90	12V:25mm 24V:50mm
HL-R140W3014/10	3014	2700 K 3000 K 4000 K 6500 K	90	140	10mm	24V	14.4W	1498	104	24V:50mm
HL-R204W3014/10	3014	2700 K 3000 K 4000 K 6500 K	90	204	10mm	12V/24V	20.4W	1836	90	12V:14.7mm/24V:29.4mm
HL-R240W3014/10	3014	2700 K 3000 K 4000 K 6500 K	90	240	10mm	12V/24V	24W	2160	90	12V:12.5mm/24V:25mm
HL-R60W3014/8	3014 side-emitting	2700 K 3000 K 4000 K 6500 K	80	60	8mm	12V/24V	6.8W	588	98	12V:50mm 24V:100mm
HL-R84W3014/10	3014 side-emitting	2700 K 3000 K 4000 K 6500 K	80	84	10mm	24V	8.4W	823	98	24V:71.42mm
HL-R120W3014/8	3014 side-emitting	2700 K 3000 K 4000 K 6500 K	80	120	8mm	12V/24V	12W	1176	98	12V:25mm 24V:50mm
HL-R156W3014/10	3014 side-emitting	2700 K 3000 K 4000 K 6500 K	80	156	10mm	12V/24V	15.6W	1528	98	12V:19.2mm 24V:38.5mm



# 3528 FLEXIBLE STRIP LIGHT



## • HL-R96X3528/8 SPECTRUM TEST REPORT



### Color Parameters:

Chromaticity Coordinate:  $x=0.3774$   $y=0.3712$  /

$u'=0.2253$   $v'=0.4987$

CCT=4044K(Duv=-0.0017)

Dominant WL:  $\lambda_d = 579.9\text{nm}$

Purity=24.6%

Ratio: R=18.3% G=78.1% B=3.5%

Peak WL:  $\lambda_p = 450.3\text{nm}$  FWHM=21.4nm

Render Index: Ra=82.8 CRI=76.3 AvgR=76.3

R1=82 R2=89 R3=94 R4=82 R5=82 R6=84

R7=86 R8=65 R9=10 R10=73 R11=81

R12=62 R13=83 R14=96 R15=76

### Photo Parameters:

Flux = 3697lm Eff. : 120.38lm/W Fe = 11.33W

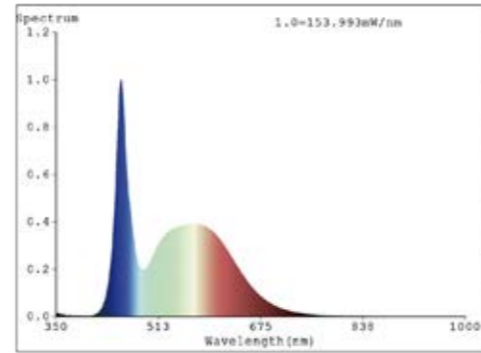
Model	LED Type	CCT (K)				CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R30X3528/8	3528	2700 K	3000 K	4000 K	6500 K	90	30	8mm	12V/24V	2.4W	195	81	12V:100mm/24V:166mm
HL-R48X3528/8	3528	2700 K	3000 K	4000 K	6500 K	90	48	8mm	12V	3.8W	307	81	12V:62.5mm
HL-R60X3528/5	3528	2700 K	3000 K	4000 K	6500 K	90	60	5mm	12V/24V	4.8W	388	81	12V:50mm/24V:100mm
HL-R60X3528/8	3528	2700 K	3000 K	4000 K	6500 K	90	60	8mm	12V/24V	4.8W	388	81	12V:50mm/24V:100mm
HL-R60X3528/10	3528	2700 K	3000 K	4000 K	6500 K	90	60	10mm	12V/24V	4.8W	388	81	12V:50mm/24V:100mm
HL-R96X3528/8	3528	2700 K	3000 K	4000 K	6500 K	90	96	8mm	12V/24V	7.6W	615	81	12V:31.25mm 24V:62.5mm
HL-R120X3528/5	3528	2700 K	3000 K	4000 K	6500 K	90	120	5mm	12V/24V	9.6W	770	81	12V:25mm 24V:50mm
HL-R120X3528/8	3528	2700 K	3000 K	4000 K	6500 K	90	120	8mm	12V/24V	9.6W	770	81	12V:25mm 24V:50mm
HL-R120X3528/10	3528	2700 K	3000 K	4000 K	6500 K	90	120	10mm	12V/24V	9.6W	770	81	12V:25mm 24V:50mm
HL-R140X3528/10	3528	2700 K	3000 K	4000 K	6500 K	90	140	10mm	24V	9.6W	910	95	24V:50mm
HL-R180X3528/10	3528	2700 K	3000 K	4000 K	6500 K	90	180	10mm	24V	14.4W	1166	81	24V:33.33mm
HL-R240X3528/10	3528	2700 K	3000 K	4000 K	6500 K	90	240	10mm	12V/24V	19.2W	1555	81	12V:12.5mm 24V:25mm
HL-2R240X3528/15	3528	2700 K	3000 K	4000 K	6500 K	90	240	15mm	12V/24V	19.2W	1555	81	12V:25mm 24V:50mm
HL-3R360X3528/20	3528	2700 K	3000 K	4000 K	6500 K	90	360	20mm	12V/24V	28.8W	2332	81	12V:16.66mm 24V:16.66mm
HL-4R480X3528/28	3528	2700 K	3000 K	4000 K	6500 K	90	480	28mm	24V	38.4W	3110	81	24V:50mm



# 5630 FLEXIBLE STRIP LIGHT



## • HL-2R120W5630/15 SPECTRUM TEST REPORT



### Color Parameters:

Chromaticity Coordinate:  $x=0.3089$   $y=0.3118$  /

$u'=0.2017$   $v'=0.4582$

CCT=6903K(Duv=-0.0039)

Dominant WL:  $L_d = 479.1$ nm

Purity=10.3%

Ratio: R=14.1% G=79.8% B=6.1%

Peak WL:  $L_p=453.0$ nm FWHM=22.3nm

Render Index: Ra=85.8 CRI=79.6 AvgR=80.0

R1=86 R2=91 R3=90 R4=85 R5=85 R6=83

R7=89 R8=76 R9=29 R10=76 R11=84

R12=56 R13=89 R14=95 R15=85

### Photo Parameters:

Flux = 3909lm Eff. : 116.33lm/W Fe = 13.22W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R30W5630/10	5630	2700 K 3000 K 4000 K 6500 K	80	30	10mm	12V	7.2W	825	114	24V:100mm
HL-R60W5630/10	5630	2700 K 3000 K 4000 K 6500 K	80	60	10mm	12V/24V	14.4W	1650	114	12V:50mm 24V:100mm
HL-R72W5630/10	5630	2700 K 3000 K 4000 K 6500 K	80	72	10mm	24V	17.2W	1960	114	24V:83.33mm
HL-R120W5630/10	5630	2700 K 3000 K 4000 K 6500 K	80	120	10mm	24V	24W	2784	116	24V:50mm
HL-2R120W5630/15	5630	2700 K 3000 K 4000 K 6500 K	80	120	15mm	24V	28.8W	3283	114	24V:50mm
HL-2R240W5630/15	5630	2700 K 3000 K 4000 K 6500 K	80	240	15mm	24V	38.4W	4650	121	24V:25mm

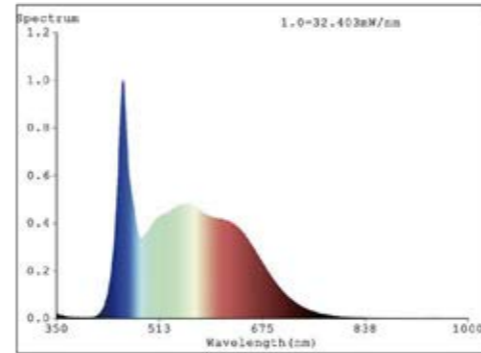


# 2216

## FLEXIBLE STRIP LIGHT



### • HL-R120W2216/10 SPECTRUM TEST REPORT



#### Color Parameters:

Chromaticity Coordinate:  $x=0.3231$   $y=0.3352$  /

$u'=0.2027$   $v'=0.4731$

CCT=5942K(Duv=0.0013)

Dominant WL:  $L_d = 494.0\text{nm}$

Purity=3.4%

Ratio: R=15.8% G=77.7% B=6.5%

Peak WL:  $L_p=454.4\text{nm}$  FWHM=25.4nm

Render Index: Ra=93.8 CRI=91.2 AvgR=91.4

R1=94 R2=98 R3=97 R4 =91 R5=93 R6=93

R7=94 R8=90 R9=78 R10=93 R11=92

R12=69 R13=96 R14=99 R15=94

#### Photo Parameters:

Flux = 1046lm Eff. : 111.76lm/W Fe = 3.773W

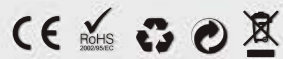
Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R120W2216/10	2216	2700 K 3000 K 4000 K 6500 K	90	120	10mm	24V	9.6W	75	81	24V:50mm
HL-R180W2216/10	2216	2700 K 3000 K 4000 K 6500 K	90	180	10mm	24V	14.4W	1123	81	24V:33.33mm
HL-R240W2216/5	2216	2700 K 3000 K 4000 K 6500 K	90	240	5mm	24V	10W	890	89	24V:25mm
HL-R240W2216/10	2216	2700 K 3000 K 4000 K 6500 K	90	240	10mm	24V	19.2W	1500	81	24V:25mm
HL-R300W2216/10	2216	2700 K 3000 K 4000 K 6500 K	90	300	10mm	24V	20W	1700	85	24V:20mm
HL-R420W2216/10	2216	2700 K 3000 K 4000 K 6500 K	90	420	10mm	24V	24W	2050	85	24V:14.28mm



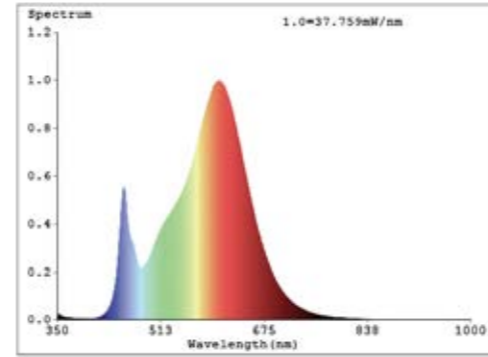
# 160LM/W 190LM/W

## HIGH LUMINOUS EFFICIENCY

### FLEXIBLE STRIP LIGHT



#### • HL-RI128W2835/12 SPECTRUM TEST REPORT



#### Color Parameters:

Chromaticity Coordinate:  $x=0.4407$   $y=0.4000$   
 $u^*=0.2548$   $v^*=0.5203$   
 CCT=2905K(Duv=-0.0021)  
 Dominant WL:  $L_d=584.0$ nm  
 Purity=52.3%  
 Ratio: R=23.8% G=73.4% B=2.8%  
 Peak WL:  $L_p=604.1$ nm FWHM=114.7nm  
 Render Index: Ra=82.2 CRI=77.4 AvgR=77.2  
 R1=82 R2=94 R3=93 R4=79 R5=82 R6=92  
 R7=80 R8=56 R9=6 R10=85 R11=78  
 R12=75 R13=85 R14=97 R15=74

#### Photo Parameters:

Flux = 1762lm Eff. : 206.74lm/W Fe = 5.391W

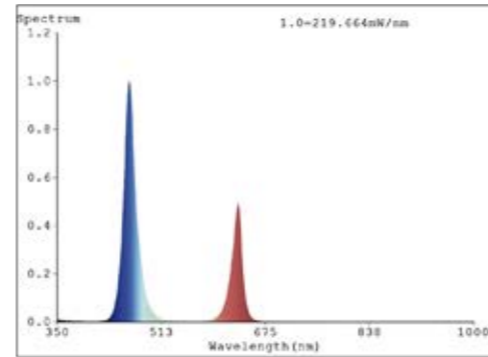
Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R64W2835/10	2835	2700K 3000K 4000K 6500K	80	64	10mm	24V	9.6W	1536	160	24V:125mm
	2835	2700K 3000K 4000K 6500K	80	64	10mm	24V	9.6W	1728	180	24V:125mm
HL-R80W2835/10	2835	2700K 3000K 4000K 6500K	80	80	10mm	24V	12W	1920	160	24V:100mm
	2835	2700K 3000K 4000K 6500K	80	80	10mm	24V	12W	2160	180	24V:100mm
HL-R128W2835/10	2835	2700K 3000K 4000K 6500K	80	128	10mm	24V	18W	2880	160	24V:62.5mm
	2835	2700K 3000K 4000K 6500K	80	128	10mm	24V	18W	3240	180	24V:62.5mm
HL-R160W2835/10	2835	2700K 3000K 4000K 6500K	80	160	10mm	24V	21W	3360	160	24V:50mm
	2835	2700K 3000K 4000K 6500K	80	160	10mm	24V	21W	3780	180	24V:50mm
HL-RI64W2835/10	2835	2700K 3000K 4000K 6500K	80	64	10mm	24V	9.6W	1536	160	24V:125mm
	2835	2700K 3000K 4000K 6500K	80	64	10mm	24V	9.6W	1728	180	24V:125mm
HL-RI80W2835/10	2835	2700K 3000K 4000K 6500K	80	80	10mm	24V	12W	1920	160	24V:100mm
	2835	2700K 3000K 4000K 6500K	80	80	10mm	24V	12W	2160	180	24V:100mm
HL-RI128W2835/12	2835	2700K 3000K 4000K 6500K	80	128	12mm	24V	18W	2880	160	24V:62.5mm
	2835	2700K 3000K 4000K 6500K	80	128	12mm	24V	18W	3240	180	24V:62.5mm
HL-RI160W2835/12	2835	2700K 3000K 4000K 6500K	80	160	12mm	24V	21W	3360	160	24V:50mm
	2835	2700K 3000K 4000K 6500K	80	160	12mm	24V	21W	3780	180	24V:50mm



# RGB/RGBWW/RGB+CCT FLEXIBLE STRIP LIGHT



## • HL-2R120X5050/20-RGB SPECTRUM TEST REPORT



### Color Parameters:

Chromaticity Coordinate:  $x=0.2411$   $y=0.1005$  /

$u'=0.2590$   $v'=0.2429$

CCT=100000K(Duv=-0.1302)

Dominant WL:  $L_d = -567.7$ nm

Purity=98.0%

Ratio: R=54.1% G=8.8% B=37.0%

Peak WL:  $L_p=462.6$ nm FWHM=19.4nm

Render Index: Ra=0.0 CRI=0.0 AvgR=0.0 R1=0

R2=0 R3=0 R4=0 R5=0 R6=0 R7=0 R8=0 R9=0

R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

### Photo Parameters:

Flux = 772.2lm Eff. : 10.17lm/W Fe = 7.584W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R30X5050/10-RGB	5050RGB	RGB	/	30	10mm	12V/24V	7.2W	310	43	12V:100mm/24V:166.6mm
HL-R48X5050/10-RGB	5050RGB	RGB	/	48	10mm	24V	11W	473	43	12V:62.5mm/24V:125mm
HL-R60X5050/8-RGB	5050RGB	RGB	/	60	8mm	12V	12W	528	44	24V:50mm
HL-R60X5050/10-RGB	5050RGB	RGB	/	60	10mm	12V/24V	14.4W	620	43	12V:50mm/24V:100mm
HL-R72X5050/10-RGB	5050RGB	RGB	/	72	10mm	24V	17.28W	743	43	24V:83.3mm
HL-R96X5050/12-RGB	5050RGB	RGB	/	96	12mm	24V	23W	980	43	24V:62.5mm
HL-R120X5050/12-RGB	5050RGB	RGB	/	120	12mm	12V/24V	24W	1056	44	12V:25mm/24V:50mm
HL-2R120X5050/20-RGB	5050RGB	RGB	/	120	20mm	12V/24V	28.8W	1238	43	12V:50mm/24V:50mm
HL-R120X3838/8-RGB	3838RGB	RGB	/	120	8mm	24V	12W	480	40	24V:50mm
HL-R240X3838/12-RGB	3838RGB	RGB	/	240	12mm	24V	24W	960	40	24V:25mm
HL-R60RGB020/10-RGB	020 side emitting	RGB	/	60	10mm	12V	12W	348	29	24V:50mm
HL-R60RGBW5050/10	5050RGB+ 5050 single color	2700 K 3000 K 4000 K 6500 K	90	60	10mm	12V/24V	14.4W	780	54	12V:100mm 24V:166.6mm
HL-R72RGBW5050/12	5050RGB+ 5050 single color	2700 K 3000 K 4000 K 6500 K	90	72	12mm	24V	17.2W	930	54	24V:166.6mm
HL-R96RGBW5050/12	5050RGB+ 5050 single color	2700 K 3000 K 4000 K 6500 K	90	96	12mm	24V	23W	1240	54	24V:125mm
HL-2R120RGBW5050/20	5050RGB+ 5050 single color	2700 K 3000 K 4000 K 6500 K	90	120	20mm	24V	28.8W	1560	54	24V:100mm
HL-2R144RGBW5050/20	5050RGB+ 5050 single color	2700 K 3000 K 4000 K 6500 K	90	144	20mm	24V	34.5W	1860	54	24V:83.3mm
HL-R120RGBW5050/2835/12	5050RGB+ 2835 single color	2700 K 3000 K 4000 K 6500 K	90	120	12mm	12V/24V	26.4W	1676	63	12V:50mm 24V:100mm
HL-R240RGBW3838/1808/10	3838RGB+ 1808 single color	2700 K 3000 K 4000 K 6500 K	90	240	10mm	24V	19.2W	1030	53	24V:50mm



# RGB/RGBWW/RGB+CCT FLEXIBLE STRIP LIGHT

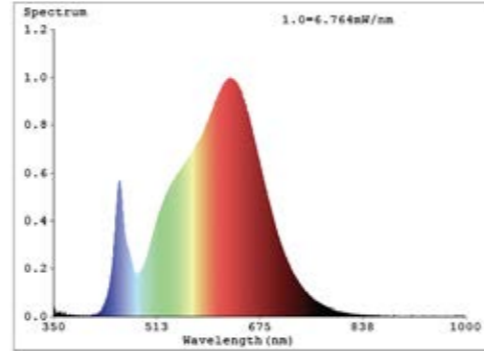
Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R72RGB020W 3014/10	020RGB+ 3014 single color, side emitting	2700 K 3000 K 4000 K 6500 K	80	72	12mm	24V	12W	930	44.5	24V:166.6mm
HL-R60RGBW5050 (4/1)/10	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	60	10mm	12V/24V	19.2W	1240	61	12V:50mm 24V:100mm
HL-R60RGBW5050 (4/1)/12	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	60	12mm	12V/24V	19.2W	1560	61	12V:50mm 24V:100mm
HL-R72RGBW5050 (4/1)/12	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	72	12mm	24V	23W	1860	61	24V:83.3mm
HL-R84RGBW5050 (4/1)/12	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	84	12mm	12V/24V	26.8W	1676	61	12V:35.7mm 24V:71.4mm
HL-R96RGBW5050 (4/1)/12	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	96	12mm	24V	30.7W	1030	61	24V:62.5mm
HL-R72RGBWWW 5050/12	5050RGB+ 5050 two in one	2700 K 3000 K 4000 K 6500 K	80	72	12mm	24V	21W	930	66	24V:166.6mm
HL-R360RGBW3838/ 1808/12	3838RGB+ 1808 single color	2700 K 3000 K 4000 K 6500 K	90	360	12mm	24V	24W	1240	62.5	24V:50mm
HL-R60RGBWWW 5050/12	5050 five in one	2200-2500 K 6500 K RGB	80	60	12mm	24V	19.2W	1560	63	24V:100mm
HL-R84RGBWWW 5050/12	5050 five in one	2200-2500 K 6500 K RGB	80	84	12mm	24V	19.2W	1860	72	24V:83.3mm



# SUPER-LONG CONSTANT-CURRENT FLEXIBLE STRIP LIGHT



## • HL-RI70W2835/10 SPECTRUM TEST REPORT



### Color Parameters:

Chromaticity Coordinate:  $x=0.4430$   $y=0.3998/$

$u'=0.2564$   $v'=0.5206$

CCT=2865K(Duv=-0.0025)

Dominant WL:  $L_d=584.3$ nm

Purity=53.0%

Ratio: R=25.4% G=72.1% B=2.5%

Peak WL:  $L_p=630.0$ nm FWHM=161.9nm

Render Index: Ra=93.5 CRI=90.8 AvgR=90.9

R1=95 R2=96 R3=95 R4=94 R5=94 R6=94

R7=94 R8=88 R9=72 R10=89 R11=93

R12=78 R13=95 R14=96 R15=93

### Photo Parameters:

Flux = 318.5lm Eff. : 127.76lm/W Fe = 1.169W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-RI60W5050/10	5050	2700 K 4000 K 3000 K 6500 K	90	60	10mm	24V	12W	940	78	24V:100mm
HL-RI60W2835/10	2835	2700 K 4000 K 3000 K 6500 K	90	60	10mm	24V	12.5W	1090	87	24V:100mm
HL-RI60W2835/15	2835	2700 K 4000 K 3000 K 6500 K	90	60	10mm	24V	10.5W	1090	87	24V:100mm
HL-RI60W2835/20	2835	2700 K 4000 K 3000 K 6500 K	90	60	12mm	24V	8.5W	768	90	24V:100mm
HL-RI90W3528/30	3528	2700 K 4000 K 3000 K 6500 K	90	90	12mm	36V	7.2W	596	82	24V:100mm
HL-RI90W2835/30	2835	2700 K 4000 K 3000 K 6500 K	90	90	12mm	36V	7.2W	700	97	24V:100mm
HL-RI78W2835/48V/50	2835	2700 K 4000 K 3000 K 6500 K	90	78	10mm	48V	1.2W	430	102	24V:166mm
HL-RI120W24/12W	2835	2700 K 4000 K 3000 K 6500 K	90	120	10mm	24V	12W	1080	90	24V:50mm
HL-RI120W24/10W	2835	2700 K 4000 K 3000 K 6500 K	90	120	10mm	24V	10W	910	91	24V:50mm
HL-RI120WWW 2835/15	2835 adjustable CCT	2700 K 4000 K 3000 K 6500 K	90	120	12mm	24V	12W	1140	95	24V:100mm
HL-RI60RGB 5050/15	5050RGB	/	/	60	12mm	24V	11W	550	50	24V:100mm
HL-RI60RGBW 5050/15	5050 four in one	2700 K 4000 K 3000 K 6500 K	80	60	12mm	24V	11W	740	67	24V:100mm
HL-RI5Q60V24-RGB WWW	5050 four in one	2700 K 4000 K 3000 K 6500 K	80	60	15mm	24V	12W	750	68	24V:100mm
HL-RI70W2835/10	2835	2700 K 4000 K 3000 K 6500 K	90	70	10mm	24V	12W	1218	101	24V:100mm
HL-RI112W2835/10	2835	2700 K 4000 K 3000 K 6500 K	90	112	10mm	24V	19.2W	1948	101	24V:62.5mm
HL-RI70W2835/12	5630	2700 K 4000 K 3000 K 6500 K	80	70	12mm	24V	14.4W	1940	134	24V:100mm
HL-RIN180W2835/10	2835 built-in IC	2700 K 4000 K 3000 K 6500 K	90	180	10mm	24V	14.4W	1440	100	24V:100mm
HL-RIN240W2835/10	2835 built-in IC	2700 K 4000 K 3000 K 6500 K	90	240	10mm	24V	19.2W	1920	100	24V:100mm



# SUPER-LONG CONSTANT-CURRENT FLEXIBLE STRIP LIGHT

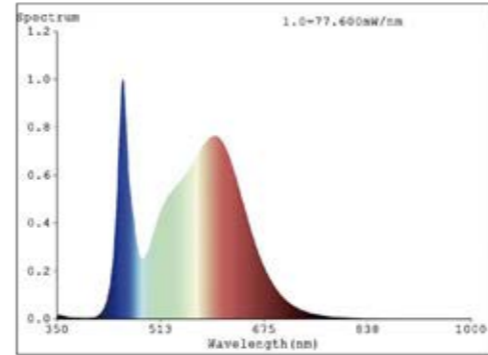
Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)			
HL-RIN60W2835/10	2835 built-in IC	2700 K	3000 K	4000 K	6500 K	90	60	10mm	24V	4.8W	480	100	24V:100mm
		2700 K	3000 K	4000 K	6500 K	90	60	10mm	24V	7.2W	700	97	24V:100mm
HL-RIN70W2835/10	2835 built-in IC	2700 K	3000 K	4000 K	6500 K	90	70	10mm	24V	4.8W	560	116	24V:100mm
		2700 K	3000 K	4000 K	6500 K	90	70	10mm	24V	7.2W	820	113	24V:100mm
HL-RIN120W2835/10	2835 built-in IC	2700 K	3000 K	4000 K	6500 K	90	120	10mm	24V	9.6W	960	100	24V:50mm
		2700 K	3000 K	4000 K	6500 K	90	120	10mm	24V	14.4W	1400	97	24V:50mm
HL-RIN140W2835/10	2835 built-in IC	2700 K	3000 K	4000 K	6500 K	90	140	10mm	24V	9.6W	1120	116	24V:50mm
		2700 K	3000 K	4000 K	6500 K	90	140	10mm	24V	14.4W	1638	113	24V:50mm



# DIMMABLE COLOR-TEMPERATURE FLEXIBLE STRIP LIGHT



## • HL-R224WWW3014/10 SPECTRUM TEST REPORT



### Color Parameters:

Chromaticity Coordinate:  $x=0.3744$   $y=0.3633$  /

$u'=0.2266$   $v'=0.4946$

CCT=4068K(Duv=-0.0047)

Dominant WL:  $L_d=582.0$ nm

Purity=21.4%

Ratio: R=18.9% G=77.0% B=4.1%

Peak WL:  $L_p=453.4$ nm FWHM=22.4nm

Render Index: Ra=85.8 CRI=80.4 AvgR=80.5

R1=86 R2=93 R3=95 R4=84 R5=85 R6=88

R7=86 R8=69 R9=23 R10=82 R11=83

R12=65 R13=88 R14=98 R15=82

### Photo Parameters:

Flux = 3386lm Eff. : 150.90lm/W Fe = 10.69W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R60WWW3528(2/1)/10	3528 two in one	3000 K 6000 K	80	60	10mm	12V/24V	9.6W	930	96	12V:50mm/24V:100mm
HL-R120WWW3528(2/1)/10	3528 two in one	3000 K 6000 K	80	120	10mm	12V/24V	19.2W	1870	96	12V:25mm/24V:50mm
HL-R120WWW3528/10	3528	3000 K 6000 K	90	120	10mm	12V/24V	9.6W	796	83	12V:50mm/24V:100mm
HL-R60WWW5050(2/1)/10	5050 two in one	3000 K 6000 K	80	60	10mm	12V/24V	19.2W	1560	81	12V:50mm/24V:100mm
HL-R60WWW5050/10	5050	3000 K 6000 K	90	60	10mm	12V/24V	14.4W	1340	93	12V:100mm/24V:166.7mm
HL-R224WWW3014/10	3014	3000 K 6000 K	90	224	10mm	24V	23W	2200	94	24V:62mm
HL-R140WWW2835(2/1)/5	2835 two in one	3000 K 6000 K	80	140	5mm	24V	9.6W	1008	105	24V:50mm
HL-R112WWW2835/10	2835	3000 K 6000 K	90	112	10mm	24V	19.2W	1930	99	24V:125mm
HL-R120WWW2835/10	2835	3000 K 6000 K	90	120	10mm	12V/24V	24W	2240	93	12V:50mm/24V:100mm
HL-R160WWW2835/10	2835	3000 K 6000 K	90	160	10mm	24V	21W	2880	137	24V:100mm
HL-2R240WWW2835/12	2835	3000 K 6000 K	90	240	12mm	24V	24W	2330	97	12V:25mm
HL-R60WWW5630/10	5630	3000 K 6000 K	90	112	10mm	24V	23W	2570	111	24V:125mm
HL-RT120WWW2835/10	2835 adjustable CCT	2100-3500 K	80	120	10mm	24V	14.4W	1550	107	24V:100mm
HL-RT224WWW2216/10	2216 adjustable CCT	1800-3000 K	90	224	10mm	24V	18W	1419	85	24V:62.5mm
HL-R240WWW1808/5	1808	3000 K 6000 K	95	240	5mm	24V	12W	1020	85	24V:50mm
HL-R364WWW1808/10	1808	3000 K 6500 K	95	364	10mm	24V	20W	2074	103.7	24V:38.46mm
HL-R120WWW2835/10	2835	3000 K 6000 K	90	120	10mm	12V	14W	1440	102	5V/12V/24V:16.7mm
						24V	19W	1800	94.7	



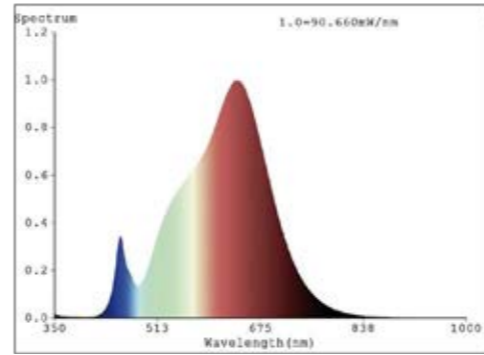


# SPECIAL PRODUCTS

## FLEXIBLE STRIP LIGHT



### • HL-S60W2835/8 SPECTRUM TEST REPORT



#### Color Parameters:

Chromaticity Coordinate:  $x=0.4652$   $y=0.4144$  /

$u'=0.2643$   $v'=0.5296$

CCT=2655K(Duv=0.0009)

Dominant WL:  $L_d = 584.1\text{nm}$

Purity=64.0%

Ratio: R=26.9% G=71.1% B=2.0%

Peak WL:  $L_p=639.5\text{nm}$  FWHM=159.5nm

Render Index:  $R_a=94.8$  CRI=92.3 AvgR=92.4

R1=96 R2=96 R3=92 R4=96 R5=94 R6=93

R7=98 R8=93 R9=82 R10=87 R11=96

R12=78 R13=96 R14=95 R15=95

#### Photo Parameters:

Flux = 3877lm Eff. : 95.63lm/W  $F_e = 15.12\text{W}$

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-S60W2835/8	S 2835	2700 K 3000 K 4000 K 6500 K	90	60	8mm	12V/24V	12W	1000	83	12V:50mm/24V:100mm
HL-S42X5050/12	5050RGB	RGB	/	42	12mm	24V	10W	500	50	24V:143mm
HL-SR48RGBW5050 (4/1)/12	5050 RGBW four in one	2700 K 3000 K 4000 K 6500 K	80	48	12mm	12V/24V	15.3W	930	61	12V:62.5mm/24V:125mm
HL-SR60W6060/10	6060 with lens	2700 K 3000 K 4000 K 6500 K	80	60	10mm	24V	20W	2013	100.65	24V:33.33mm



# LED PIXEL STRIP LIGHT



Model	LED Type	IC Model	Pixel	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-HC30D8026/10	5050RGB	GS8206	10	30	10mm	12V	7.2W	309	43	12V:100mm
HL-HC60D8026/20	5050RGB	GS8206	20	60	10mm	12V	14.4W	590	41	12V:50mm
HL-HC60D8026/10	5050RGB	GS8206	10	60	10mm	24V	14.4W	590	41	24V:100mm
HL-HC60D6812/10	5050RGB	GS8206	60	60	10mm	5V	18W	684	38	24V:16.66mm
HL-HC60D512/10	5050RGB	GS8206	10	60	12mm	24V	14.4W	590	41	24V:100mm



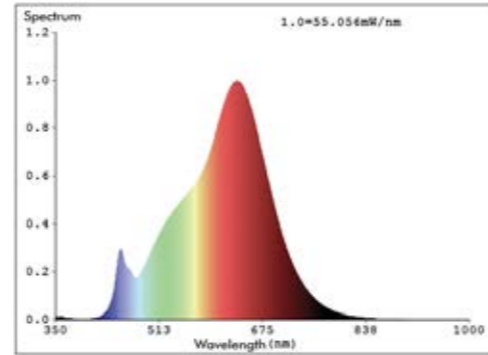
# 1808 PASTING FLEXIBLE STRIP LIGHT



- Other colors can be customized.



## • HL-R17Q700/10 SPECTRUM TEST REPORT



### Color Parameters:

Chromaticity Coordinate:  $x=0.4659$   $y=0.4104$

$u'=0.2665$   $v'=0.5282$

CCT=2617K(Duv=-0.0005)

Dominant WL:  $L_d=584.8$ nm

Purity=63.0%

Ratio: R=28.0% G=69.4% B=2.5%

Peak WL:  $L_p=635.6$ nm FWHM=142.4nm

Render Index: Ra=97.7 CRI=96.6 AvgR=96.7

R1=99 R2=99 R3=98 R4=98 R5=99 R6=96

R7=97 R8=95 R9=89 R10=100 R11=95

R12=91 R13=99 R14=97 R15=98

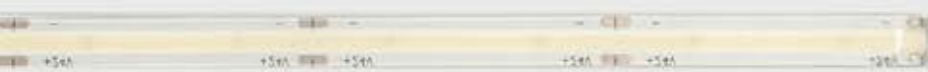
### Photo Parameters:

Flux = 2257lm Eff. : 114.24lm/W Fe = 8.832W

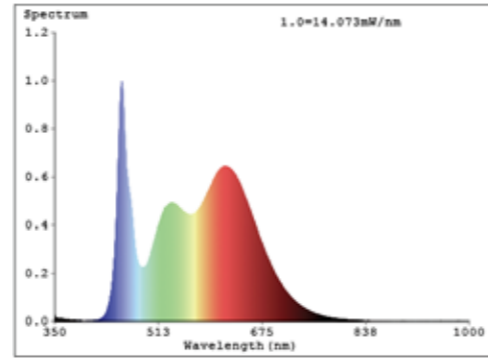
Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R17Q120/8	1808	2700 K 3000 K 4000 K 6500 K	95	120	8mm	12V/24V	9.6W	870	90	12V:25mm/24V:50mm
HL-R17Q240/4	1808	2700 K 3000 K 4000 K 6500 K	95	240	4mm	24V	10W	880	88	24V:25mm
HL-R17Q240/10	1808	2700 K 3000 K 4000 K 6500 K	95	240	10mm	24V	19.2W	1740	90	24V:25mm
HL-R17Q280/10	1808	2700 K 3000 K 4000 K 6500 K	95	280	10mm	24V	19.2W	2030	105	24V:25mm
HL-R17Q300/10	1808	2700 K 3000 K 4000 K 6500 K	95	300	10mm	24V	20W	1800	90	24V:20mm
HL-R17Q420/10	1808	2700 K 3000 K 4000 K 6500 K	95	420	10mm	24V	20W	2110	105	24V:16.67mm
HL-R17Q560/10	1808	2700 K 3000 K 4000 K 6500 K	95	560	10mm	24V	20W	2130	106	24V:12.5mm
HL-R17Q700/10	1808	2700 K 3000 K 4000 K 6500 K	95	700	10mm	24V	20W	2160	108	24V:10mm
HL-R17Q720/8	1808	2700 K 3000 K 4000 K 6500 K	95	720	8mm	24V	20W	1860	93	24V:8.33mm
HL-R17Q720/10	1808	2700 K 3000 K 4000 K 6500 K	95	720	10mm	24V	20W	1860	93	24V:8.33mm
HL-R20Q364/10	1808	2700 K 3000 K 4000 K 6500 K	95	364	10mm	24V	20W	2100	105	24V:38.46mm



# COB LED FLEXIBLE STRIP LIGHT



## • HL-R20Q420/XW/8 SPECTRUM TEST REPORT



### Color Parameters:

Chromaticity Coordinate:  $x=0.3709$   $y=0.3487$

$u'=0.2303$   $v'=0.4871$

CCT=4062K(Duv=-0.0109)

Dominant WL:  $L_d=589.0$ nm

Purity=15.9%

Ratio: R=22.0% G=73.3% B=4.7%

Peak WL:  $L_p=454.4$ nm FWHM=22.3nm

Peak WL:  $R_a=94.0$  CRI=92.0 AvgR=92.0

R1=91 R2=94 R3=97 R4=96 R5=93 R6=90

R7=95 R8=97 R9=93 R10=92 R11=92

R12=72 R13=91 R14=97 R15=91

### Photo Parameters:

Flux = 436.0lm Eff. : 119.20lm/W  $F_e = 1.495$ W

Model	LED Type	CCT (K)	CRI	LED Qty. (Per Meter)	PCB Width (mm)	Voltage (V)	Power (W/M)	Luminance (LM/M) @3000k	Luminous Efficiency (LM/W) @3000k	Cutting Size (mm)
HL-R20Q280V24/12W/10	COB	2700 K 3000 K 4000 K 6500 K	80	280	10mm	24V	12W	1080	90	24V:50mm
HL-R20Q320/XW/8	COB	2700 K 3000 K 4000 K 6500 K	90	320	8mm	24V	10W	962	96.2	24V:50mm
HL-R20Q320/XW/10	COB	2700 K 3000 K 4000 K 6500 K	90	320	10mm	24V	12W	1138	94.8	24V:50mm
HL-R20Q360/XW/8	COB	2700 K 3000 K 4000 K 6500 K	90	360	8mm	12V	10W	748	74.8	12V:25mm
HL-R20Q360/XW/10	COB	2700 K 3000 K 4000 K 6500 K	90	360	10mm	12V	12W	890	74.2	12V:25mm
HL-R20Q420/XW/8	COB	2700 K 3000 K 4000 K 6500 K	90	420	8mm	24V	10W	836	83.6	24V:50mm
HL-R20Q420/XW/10	COB	2700 K 3000 K 4000 K 6500 K	90	420	10mm	24V	12W	822	82.2	24V:50mm
HL-R20Q480/5W/4	COB	2700 K 3000 K 4000 K 6500 K	90	480	4mm	12V/24V	5W	519	103.8	12V:25mm/24V:50mm
HL-R20Q480/XW/8	COB	2700 K 3000 K 4000 K 6500 K	90	480	8mm	12V/24V	10W	1029	102.9	12V:25mm/24V:50mm
							15W	1527	101.8	
							5W	519	103.8	
HL-R20Q480/XW/10	COB	2700 K 3000 K 4000 K 6500 K	90	480	10mm	12V/24V	10W	1029	102.9	12V:25mm/24V:50mm
							15W	1527	101.8	
							5W	519	103.8	
HL-R20Q512/XW/8	COB	2700 K 3000 K 4000 K 6500 K	90	512	8mm	24V	10W	1100	102.9	24V:31.25mm
							15W	1628	101.8	
							5W	519	103.8	
HL-R20Q512/XW/10	COB	2700 K 3000 K 4000 K 6500 K	90	512	10mm	24V	10W	1100	102.9	24V:31.25mm
							15W	1628	101.8	
HL-R20Q840Vx-RGB	COB	R G B	/	840	10mm	24V	15W	/	/	24V:50mm
HL-R20Q840Vx-RGW	COB	R G B w	/	840	12mm	24V	16W	/	/	24V:50mm
HL-R20Q576Vx-Ca	COB	2700 K 6000 K	90	576	10mm	24V	10W	1018	101.8	24V:27.8mm
							15W	1512	100.8	







# 2

## LED NEON LIGHT

1. High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
2. Unique optical light distribution structure design, uniform lighting surface and no shadow.
3. Excellent toughness, simple and stylish appearance, delicate and unique.

# Product Series

HELLIAN Silicone neon strip is divided into four series: "Top Emitting", "Side Emitting", "3D series" and "360° Lighting". Customers can choose the most suitable product according to the application site, functional requirements, project nature, cost budget and other factors.

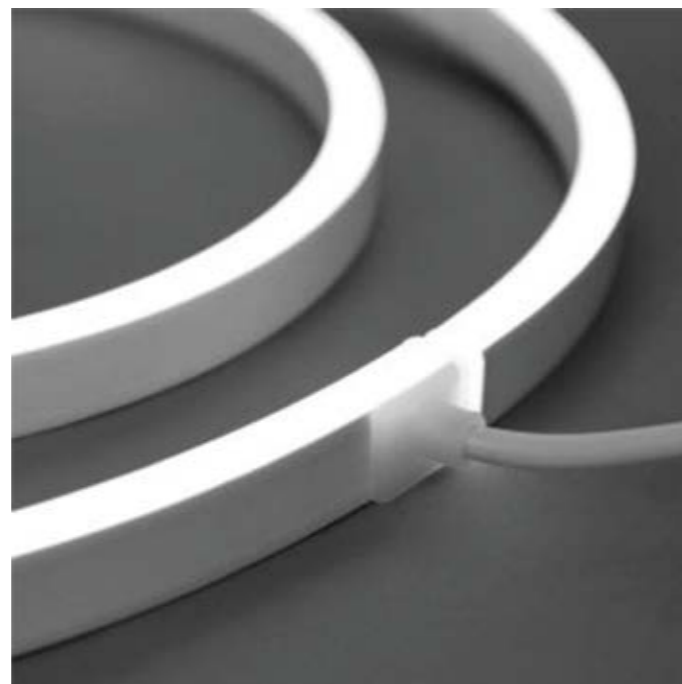


## ← Top Emitting Series

Top emitting series neon flex adopt environmental silicone material, up to IP67 protection level, even if used outdoor for a long time, the surface will not turn yellow easily. High light transmission, can be used for sign lighting, indoor and outdoor decorative lighting and architecture contour lighting molding. After "9 major tests", it is resistant to hydrochloric acid, acid and alkali corrosion, flame retardant, UV resistant, reliable and guaranteed quality.

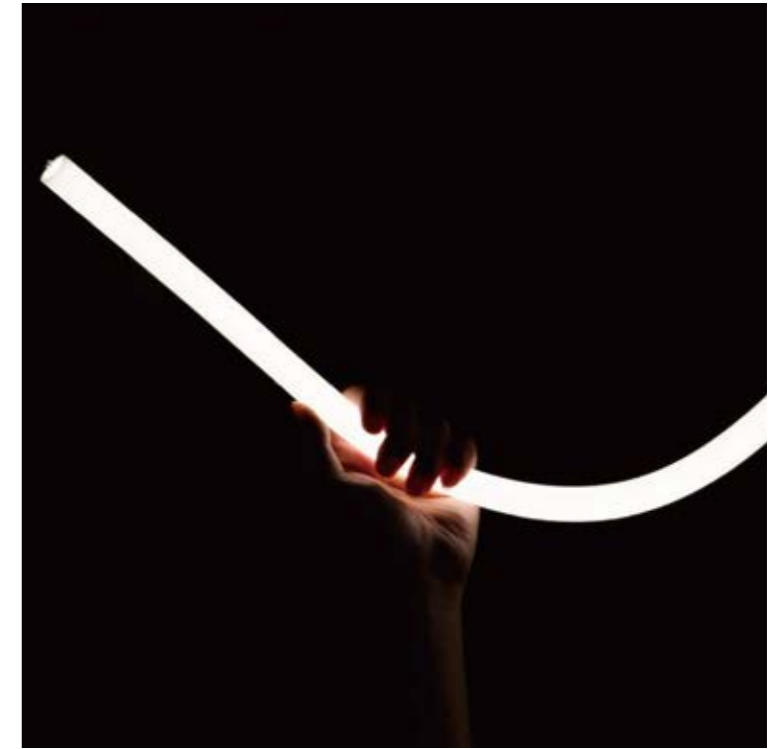
## Side Emitting Series →

Side emitting series neon adopt unique optical structure design, uniform light and no shadow. Side-emitting design can be used for building outline, indoor and outdoor decorative lighting and other scenes. IP67 high protection level, suitable for swimming pool underwater lighting. Passed UL, CE, Rohs and other international environmental protection and reliability certifications, product quality is trustworthy.



## 360° Lighting Series →

360° lighting series adopt innovative technology, 360° light emission, no dark area. Flexible material, match with different application solution to meet any molding needs. Can be applied in straight line, circular, curved, and other special shape. It is the best partner for your space design and artistic molding.



## ← 3D Series

3D series neon adopt flexible silicone material, strong plasticity, combined with top-emitting, side-emitting two type lighting surfaces, and the matched installation solution, meets the needs of multiple lighting. Silicone coextrusion process, IP67 protection level, no fear of indoor and outdoor humid environments, meets the lighting needs of indoor decoration, landscape lighting, architectural curtain walls, building outline and other scenes.



Featuring high substitutability, can achieve various lighting effects such as white light, RGB and digital toning, and it can replace the neon tube, guardrail tube, rainbow tube and so on for signage lighting/architectural lighting/landscape lighting. **Top Emitting Series**



High thermal conductivity, the thermal conductivity of silicone is 0.27W/MK, better than the "0.14W/MK" of PVC, and the strip features longer effective heat dissipation life.

**High thermal conductivity**



Good protective performance, the main body of product and standard outlet end cap can be used in the environment up to IP67 standard, and can pass the laboratory test standards of IP67.

**Good protective performance**

Outstanding weather resistance, without embrittlement, deformation, softening and aging. And using in the environment between -20°C ~ +45°C, it can operate normally resisting extremely cold and high heat.

**Outstanding weather resistance**



**Performance Feature**



**Resistance to corrosive gases**

Resistance to corrosive gases, include chlorine, sulfur dioxide, hydrogen sulfide, nitrogen dioxide and so on, the silicone neon strip with long lifespan can be used for severe environment.



Avoid dust into the neon strip, and featuring reliable sealing, up to IP6X, beautiful appearance, wide range of applications and long life span.

**Dust proof**

Uniform Lighting, dot-free, direct-view surface, used for highly reflective material, featuring a glossy environment free from dazzling.

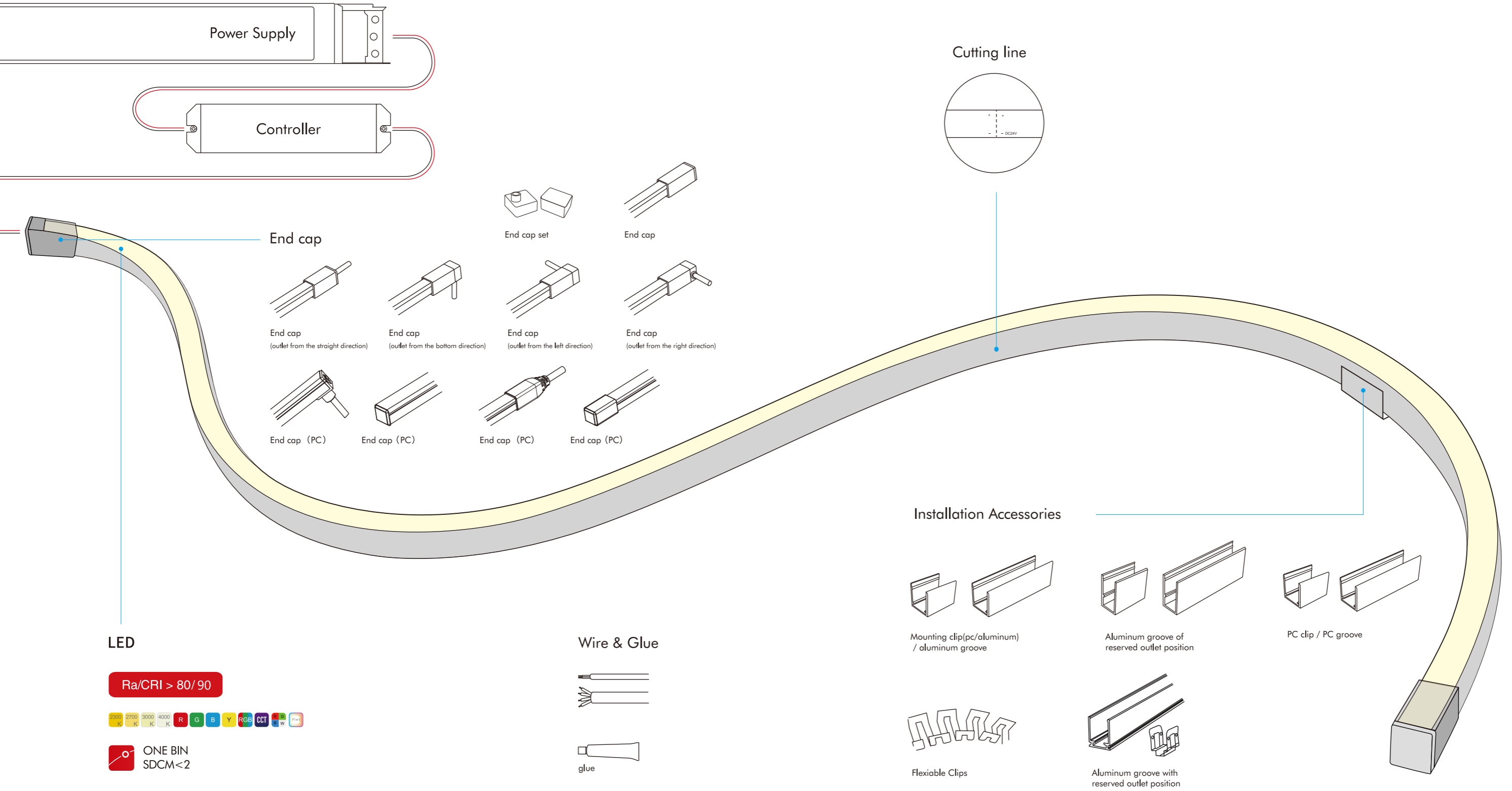
**Uniform Lighting**



**Resistance to corrosion**

Featuring resistance to corrosion, the silicone can resist corrosion of normal salt, alkali and acid, can be used for special environments such as beach, yacht, chemical industry, petroleum, mine and laboratory.

# Silicone Neon Strip Solution





## Top Emitting Series

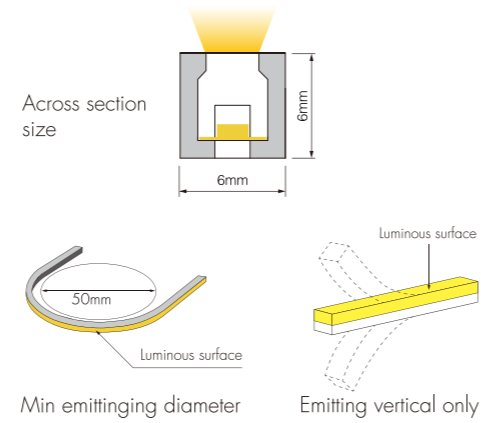


Top emitting series neon flex adopt environmental silicone material, up to IP67 protection level, even if used outdoor for a long time, and the surface will not turn yellow easily. High light transmission, can be used for sign lighting, indoor and outdoor decorative lighting and architecture contour lighting molding.

# HL-N0606V24-CXX



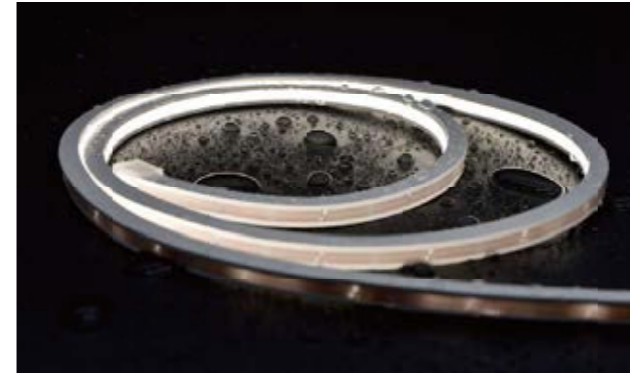
## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS



- Silicone led neon light TOP 0606 IP67, DC24V, is emitting direction vertically and front cable entry with radius of 25mm and a cross section size: 6mm\*6mm/(W\*H).
- It is IP67 protection, never yellow, UV resistant, salt water resistant and high temperature resistant via opal silicone coating.
- Uniform luminance and dot free will bring the most excellent performance for indoor & outdoor application.
- The product has constant voltage and constant current version.
- Can connect 5 meters in series with one power supply without voltage drop, and can save the installation cost better.

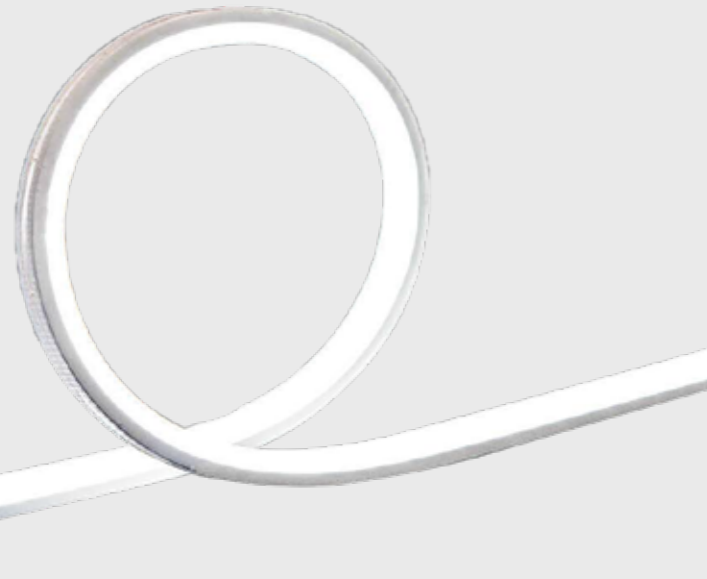


## LUMINAIRE PARAMETERS

Size	W6*H6mm
Voltage	DC24V
Power	5w/m
Efficiency@3200K	58lm/W
CCT	1700K-6000K
CRI	>90
IP rate	IP67
Certification	CE, ROHS
Working temperature	-25°C ~ +60°C
Warranty	5 years

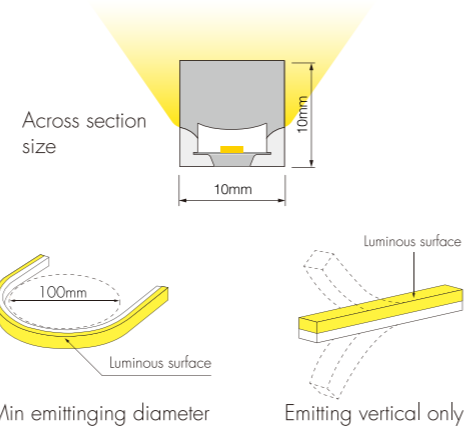


# HL-N1010V24-CXX

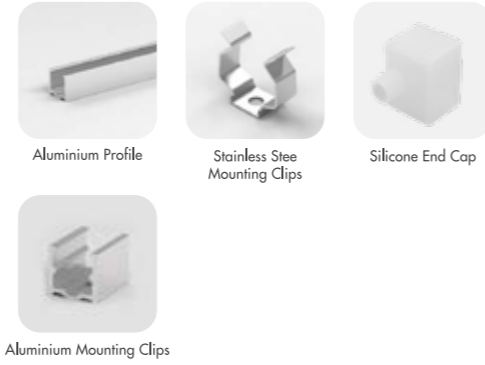


- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and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

## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS

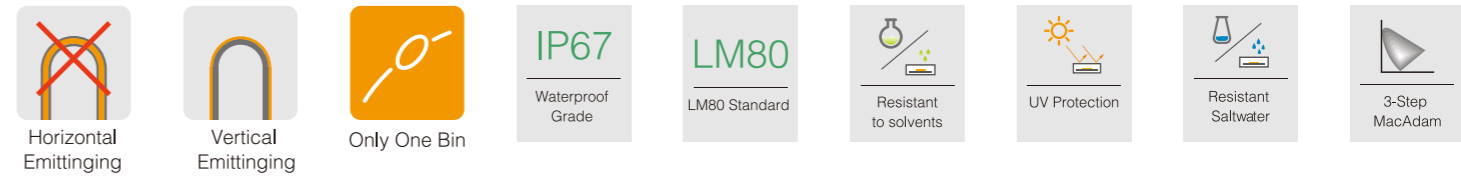


## • VARIOUS CONNECTOR

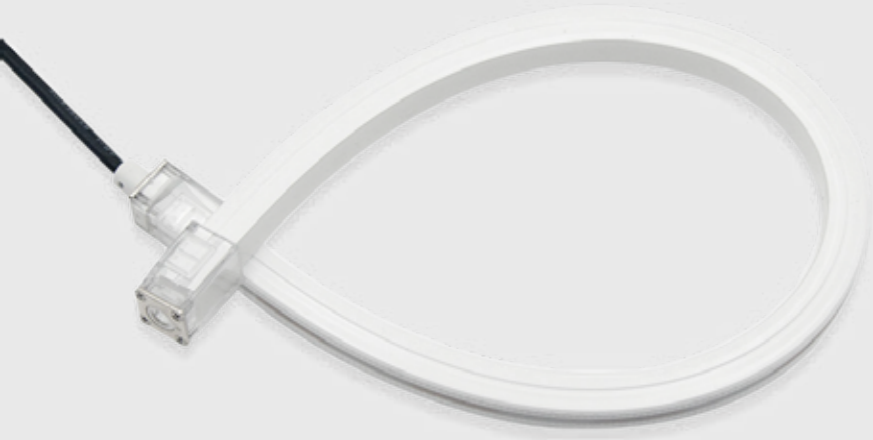


## LUMINAIRE PARAMETERS

Size	W10*H10mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@3000K	80.3lm/W	78.6lm/W
CCT	2100K-6000K/R/G/B/Y/P	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperature	-25℃~+60℃	
Warranty	5 years	



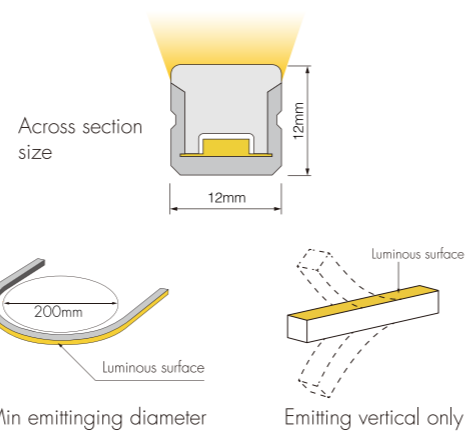
# HL-N1212 LED NEON LIGHT



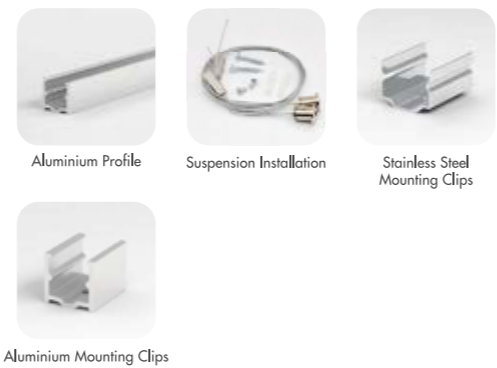
- Silicone neon light strip 1212 ; front lighting, IP67; DC24V, vertical bending, 3 ways out: front/ side/ bottom; bending diameter is 200mm; sectional size: 12mm\*12mm/(W\*H).
- Yellowing resistance, anti-UV, salt and alkali resistance, high temperature resistance, uniform luminescence, no facula, any bending, adapt to outdoor and indoor lighting;
- The product has constant voltage and constant current version. Constant current version can connect 19 meters in series with one power supply without voaltage drop, and can save the installation cost better.
- The product has Regular and High light effect version.



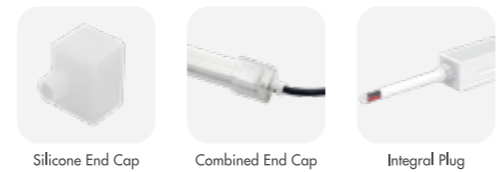
## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS



## • PLUG COMBINATION



## • VARIOUS CONNECTOR



## LUMINAIRE PARAMETERS

Size	W12*H12mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@3000K (Regular)	65.9lm/W	63.9lm/W
Efficiency@3000K (High light effect)	90lm/W	88lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperature	-25℃~+60℃	
Warranty	5 years	



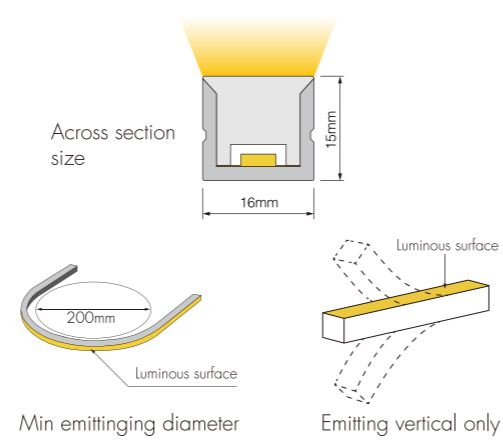
# HL-N1615 LED NEON LIGHT



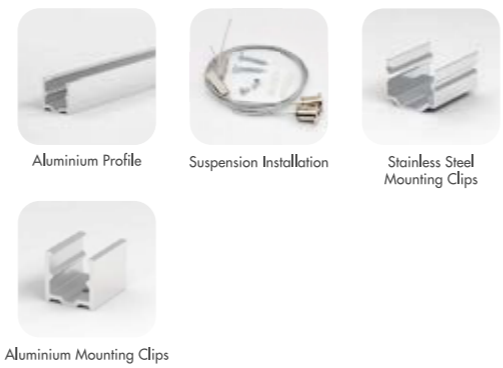
- Silicone Ledline Flex Top1615 , DC24V, has emitting direction vertically and front / side / bottom cable entry with radius of 100mm (5.9" ) and across section size: 16mm\*15mm / 0.63''\*0.59''(W\*H).
- It is IP67 protection, never yellow, UV resistant, saltwater resistant and hightemperature resistant via opal silicone coating. Uniform luminance and dotfree will bring the most excellent performance for indoor & outdoor application.
- The product has constant voltage and constant current version. Constant current version can connect 27 meters in series with one power supply without voaltage drop, and can save the installation cost better.
- Compatible with DMX512 (1990) protocol.
- The product has Regular、 High light effect 、 Black version.



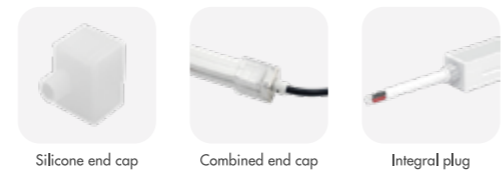
## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS



## • PLUG COMBINATION

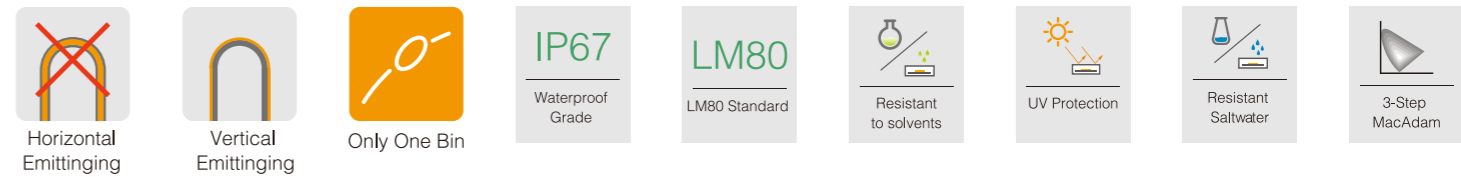


## • VARIOUS CONNECTOR



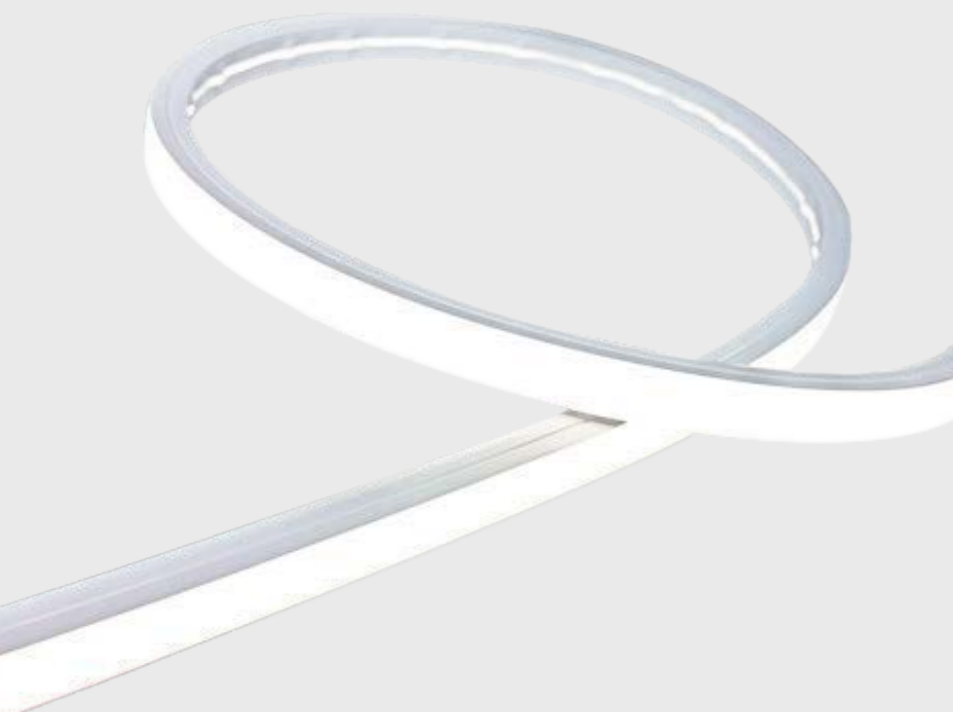
## LUMINAIRE PARAMETERS

Size	W16*H15mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@3000K (Regular)	57.3lm/W	53.9lm/W	51.1lm/W
Efficiency@3000K (High light effect)	78lm/W	77lm/W	74lm/W
Efficiency@3000K (Black)	2.2lm/W	2.1lm/W	2lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB/RGBW		
CRI	> 90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperture	-20 C ~ +60 C		
Warranty	5 years		

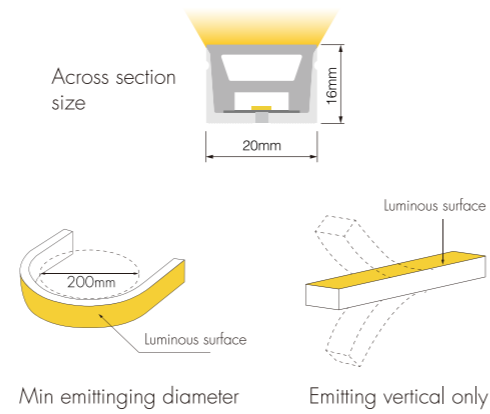




# HL-N2016V24-CXX



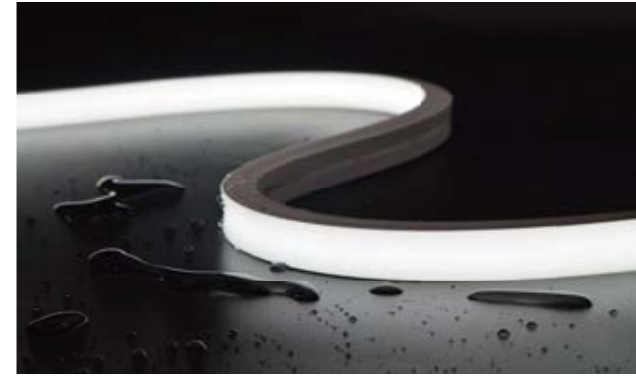
## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS

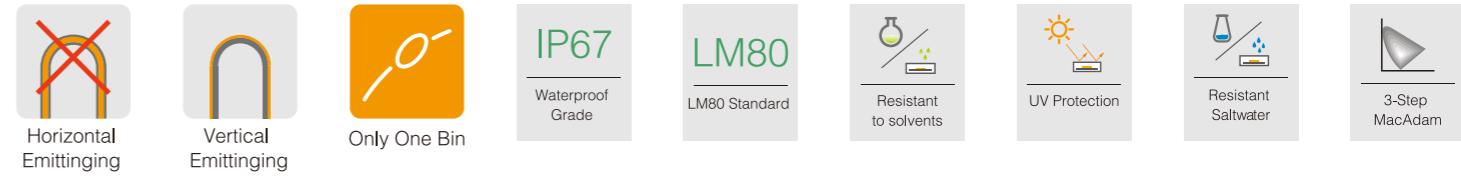


- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV resistance with excellent toughness, simple and stylish appearance, delicate and unique.

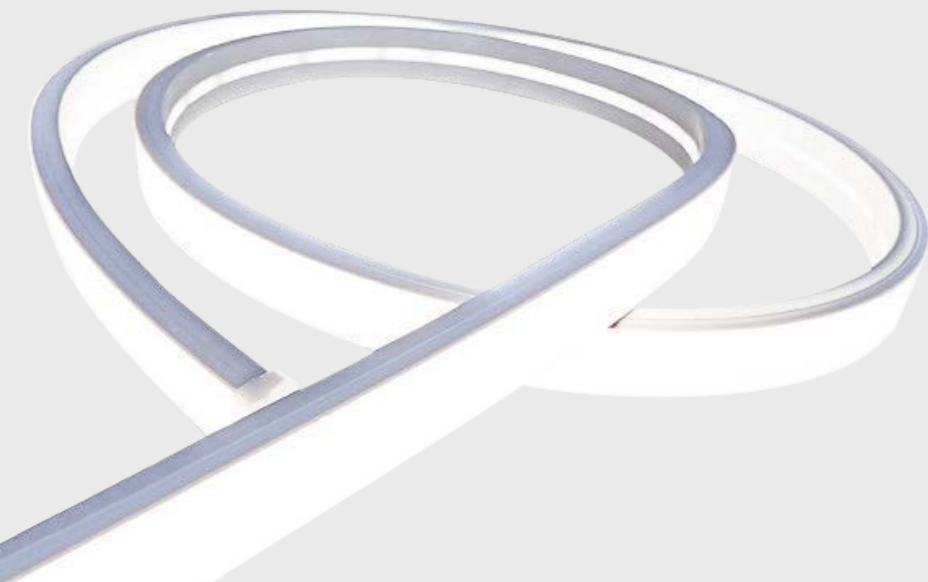


## LUMINAIRE PARAMETERS

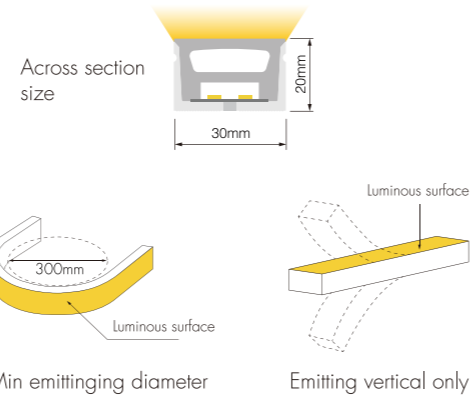
Size	W20*H16mm		
Voltage	DC24V		
Power	12w/m	16w/m	20w/m
Efficiency@3000K	60.3lm/W	58.6lm/W	56lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperature	-25℃ ~ +60℃		
Warranty	5 years		



# HL-N3020V24-CXX



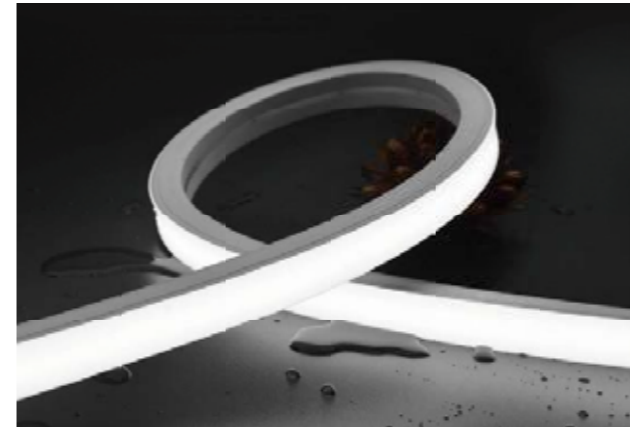
## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS

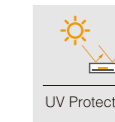
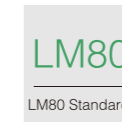
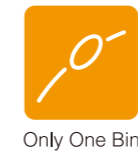
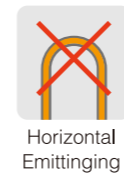


- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV resistance with excellent toughness, simple and stylish appearance, delicate and unique.



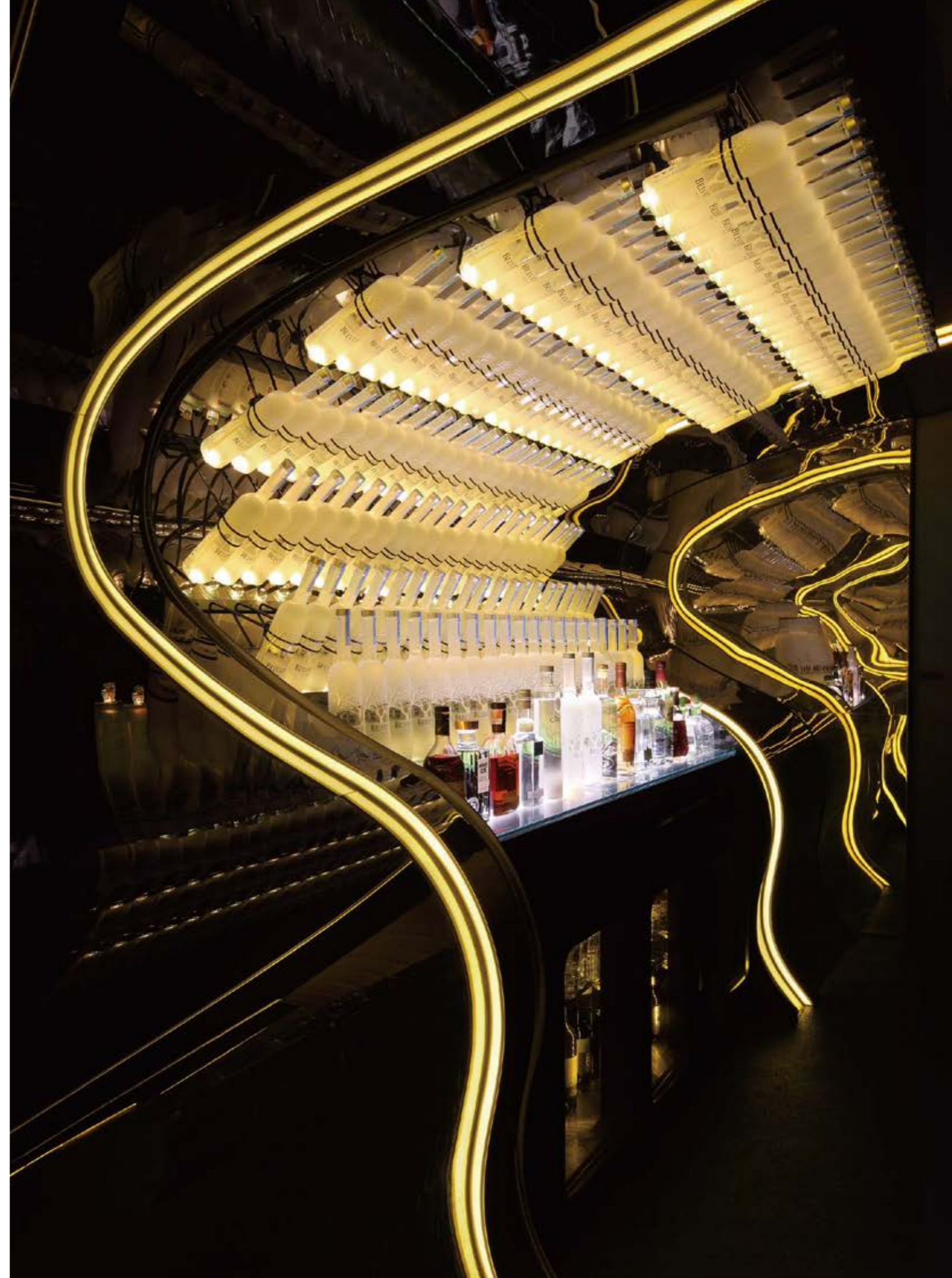
## LUMINAIRE PARAMETERS

Size	W30*H20mm		
Voltage	DC24V		
Power	16w/m	20w/m	24w/m
Efficiency@3000K	62.6lm/W	61.1lm/W	60lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperature	-25℃ ~ +60℃		
Warranty	5 years		



## Side Emitting Series

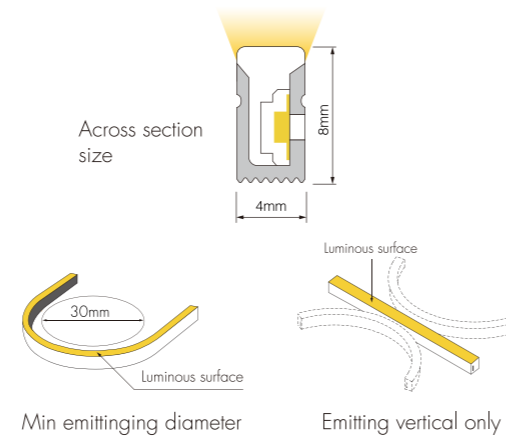
Side emitting series neon adopt unique optical structure design, uniform light and no shadow. Side-emitting design can be used for building outline, indoor and outdoor decorative lighting and other scenes.



# HL-N0408V24-CXX



## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS



- Silicone LED neon, is emitting direction horizontally and front cable entry with radius of 15mm and across section size: 4mm\*8mm(W\*H).
- It is IP67 protection, never yellow, UV resistant, saltwater resistant and high temperature resistant via opal silicone coating.
- Uniform luminance and dot free will bring the most excellent performance for indoor & outdoor application.
- The product has constant voltage and constant current version.



## LUMINAIRE PARAMETERS

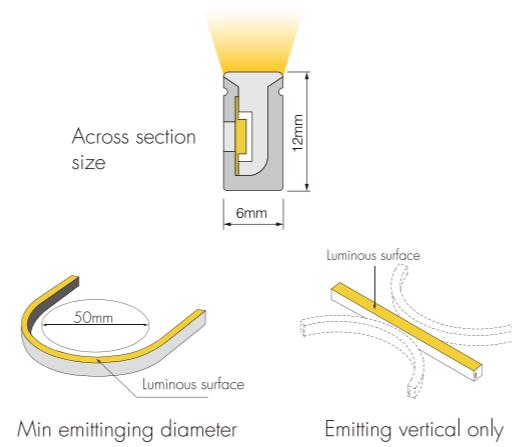
Size	W4*H8mm
Voltage	DC24V
Power	6w/m
Efficiency@3000K	42.2lm/W
CCT	2100K-5300K
CRI	>90
IP rate	IP67
Certification	CE, ROHS
Working temperature	-25℃~+60℃
Warranty	5 years



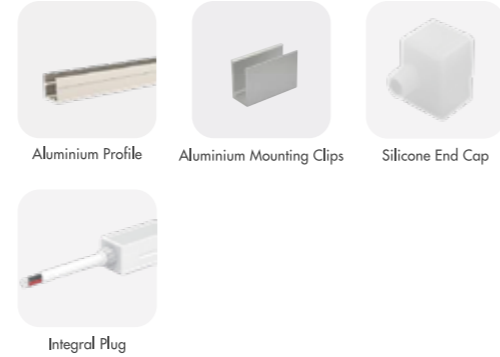
# HL-N0612V24-CXX



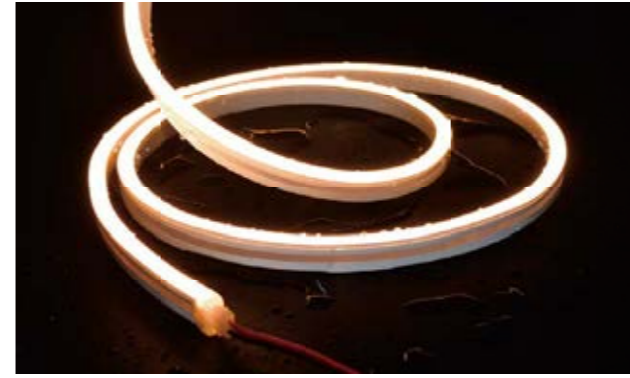
## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS

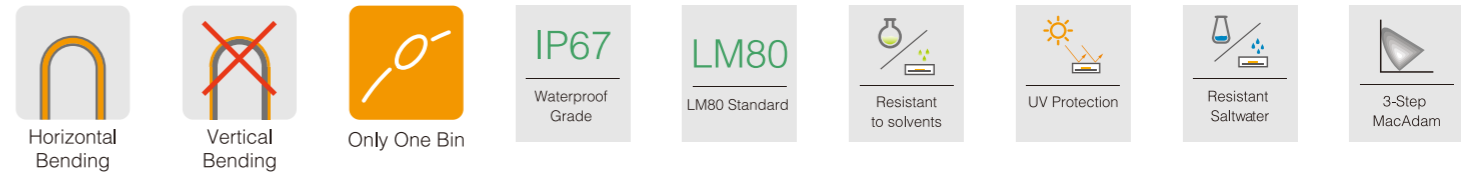


- Silicone LED neon, is emittinging direction horizontally and front /side/bottom cable entry with radius of 25mm (1.97" ) and across section size: 6mm\*12mm/0.24"\*0.47"(W\*H).
- It is IP67 protection, never yellow, UV resistant, saltwater resistant and hightemperature resistant via opal silicone coating.
- Uniform luminance and dot free will bring the most excellent performance for indoor & outdoor application.
- The product has constant voltage and constant current version.
- Constant current version can connect 15 meters in series with one power supply without voaltage drop, and can save the installation cost better.



## LUMINAIRE PARAMETERS

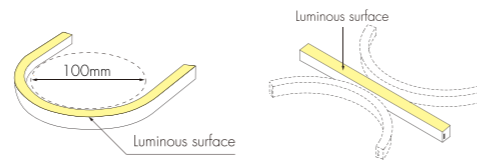
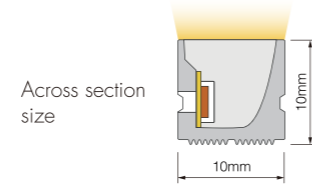
Size	W6*H12mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@3000K	30.8lm/W	30lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperature	-25 C ~ +60 C	
Warranty	5 years	



# HL-N1010SV24-CXX



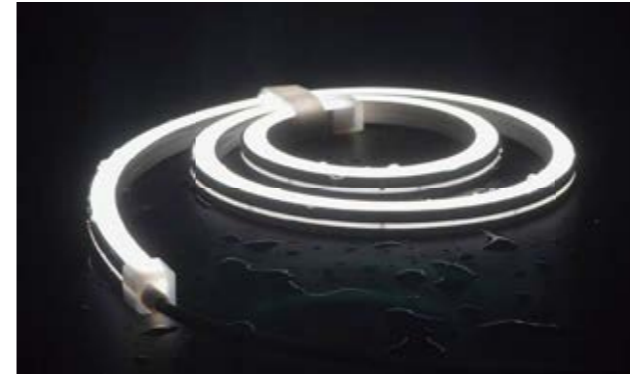
## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS

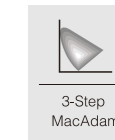
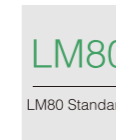


- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and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



## LUMINAIRE PARAMETERS

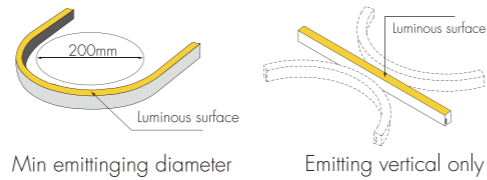
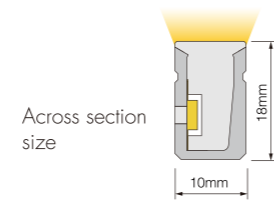
Size	W10*H10mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@3000K	64.4lm/W	62.3lm/W
CCT	2100K-6000K/R/G/B/Y/P	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperature	-25℃~+60℃	
Warranty	5 years	



# HL-N1018V24-CXX



## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS

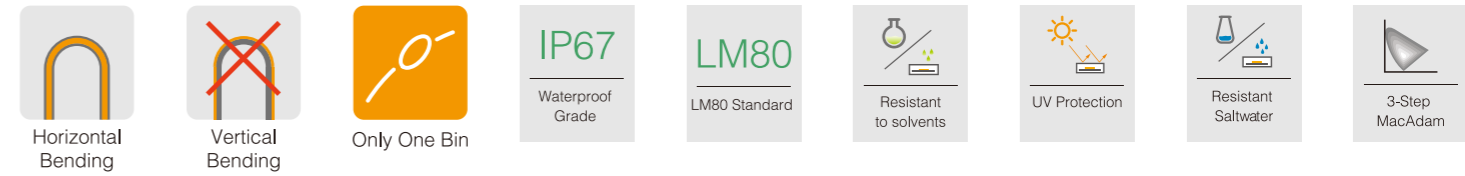


- Silicone Ledline Flex Side1018 IP67, DC24V, has emitting direction vertically and front / side / bottom cable entry with radius of 100mm and across section size: 10mm\*18mm(W\*H).
- It is IP67 protection, never yellow, UV resistant, saltwater resistant and high temperature resistant via opal silicone coating. Uniform luminance and dot free will bring the most excellent performance for indoor& outdoor application.
- The product has constant voltage and constant current version. Constant current version can connect 25 meters in series with one power supply without voltage drop, and can save the installation cost better.
- Unique end cap design, can install quickly and easily to meet the different lengths request, no welding and dealing with waterproof.



## LUMINAIRE PARAMETERS

Size	W10*H18mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@3000K	32.7lm/W	32.8lm/W	29.4lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperature	-25℃~+60℃		
Warranty	5 years		



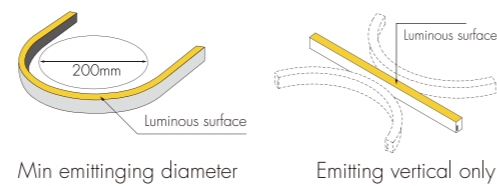
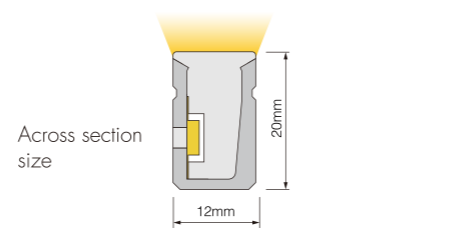
# HL-N1220 LED NEON LIGHT



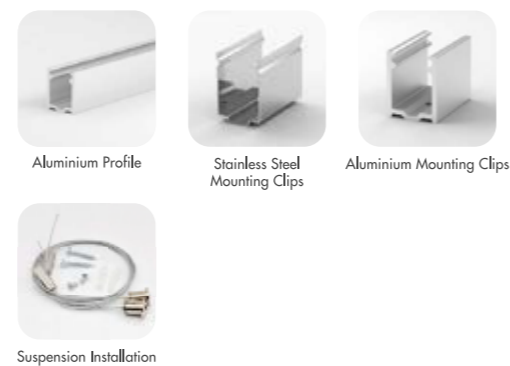
- Silicone Ledline Flex Side1220, DC24V, has emitting direction vertically and front / side / bottom cable Entry with radius of 100 mm (5.9") and acrosssection size:12mm\*20mm/0.47""\*0.79"" (W\*H).
- It is IP67 protection, never yellow, UV resistant, saltwater resistant and high temperature resistant via opal silicone coating. Uniform luminance and dot free will bring the most excellent performance for indoor & outdoor application.
- The product has constant voltage and constant current version. Constant current version can connect 27 meters in series with one power supply without voaltage drop, and can save the installatio-n cost better.
- Compatible with DMX512(1990) protocol.
- The product has Regular and High light effect version.



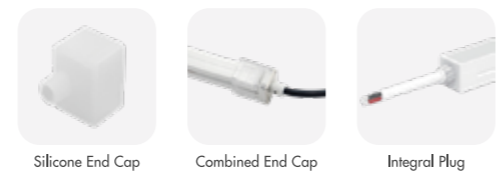
## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS



## • PLUG COMBINATION



## • VARIOUS CONNECTOR



## LUMINAIRE PARAMETERS

Size	W12*H20mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@3000K (Regular)	31.3lm/W	30.7lm/W	28.8lm/W
Efficiency@3000K (High light effect)	55lm/W	53lm/W	50lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB/RGBW		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperature	-25 C ~+60 C		
Warranty	5 years		





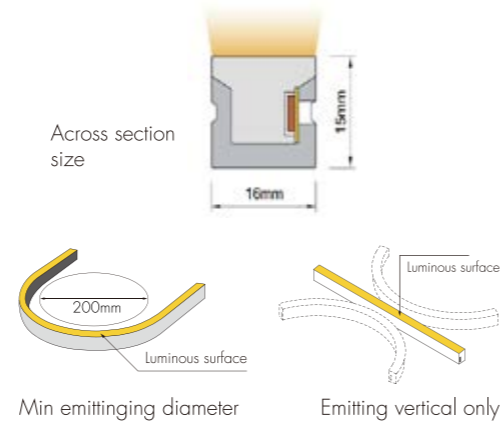
# HL-N1615SV24-CXX



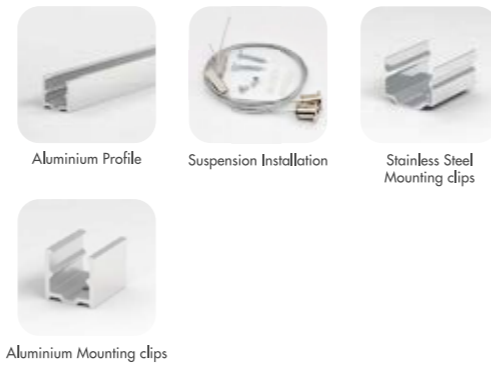
- Silicone neon light; side lighting, IP67, silicone integrated extrusion moulding; DC24V, horizontal emittinging, 3 ways out: front/side/bottom;
- Emittinging diameter is 200mm; sectional size: 16mm\*15mm/(W\*H);
- Yellowing resistance, anti-UV, salt and alkali resistance, high temperature resistance, uniform luminescence, no facula, any emittinging, adapt to outdoor and indoor lighting;
- The product has constant voltage and constant current version.
- Constant current version can connect 25 meters in series with one power supply without voaltage drop, and can save the installatio-n cost better.



## • DIMENSION STRUCTURE



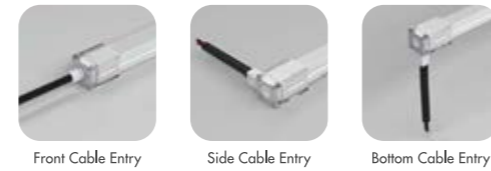
## • ACCESSORIES OPTIONS



## • PLUG COMBINATION

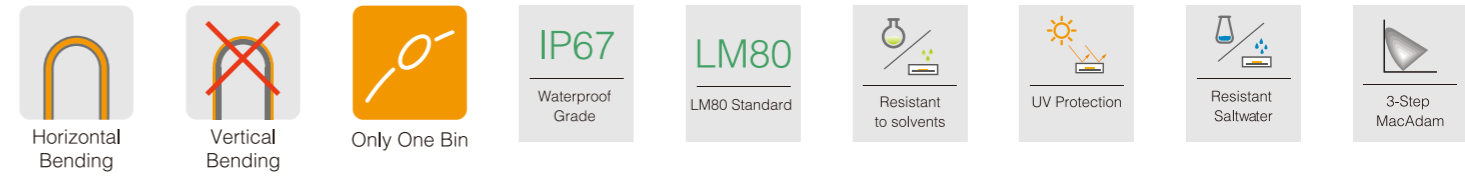


## • VARIOUS CONNECTOR



## LUMINAIRE PARAMETERS

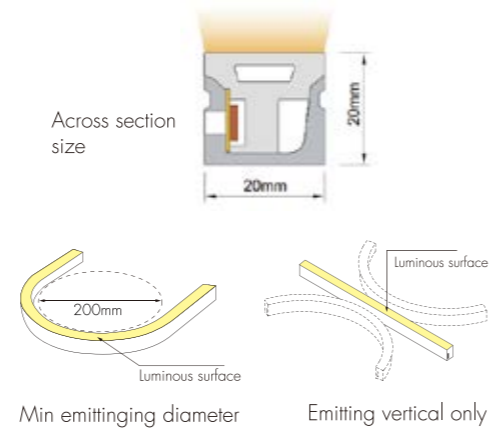
Size	W16*H15mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@3000K	70lm/W	67lm/W	64lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperature	-20℃~+60℃		
Warranty	5 years		



# HL-N2020V24-CXX



## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS

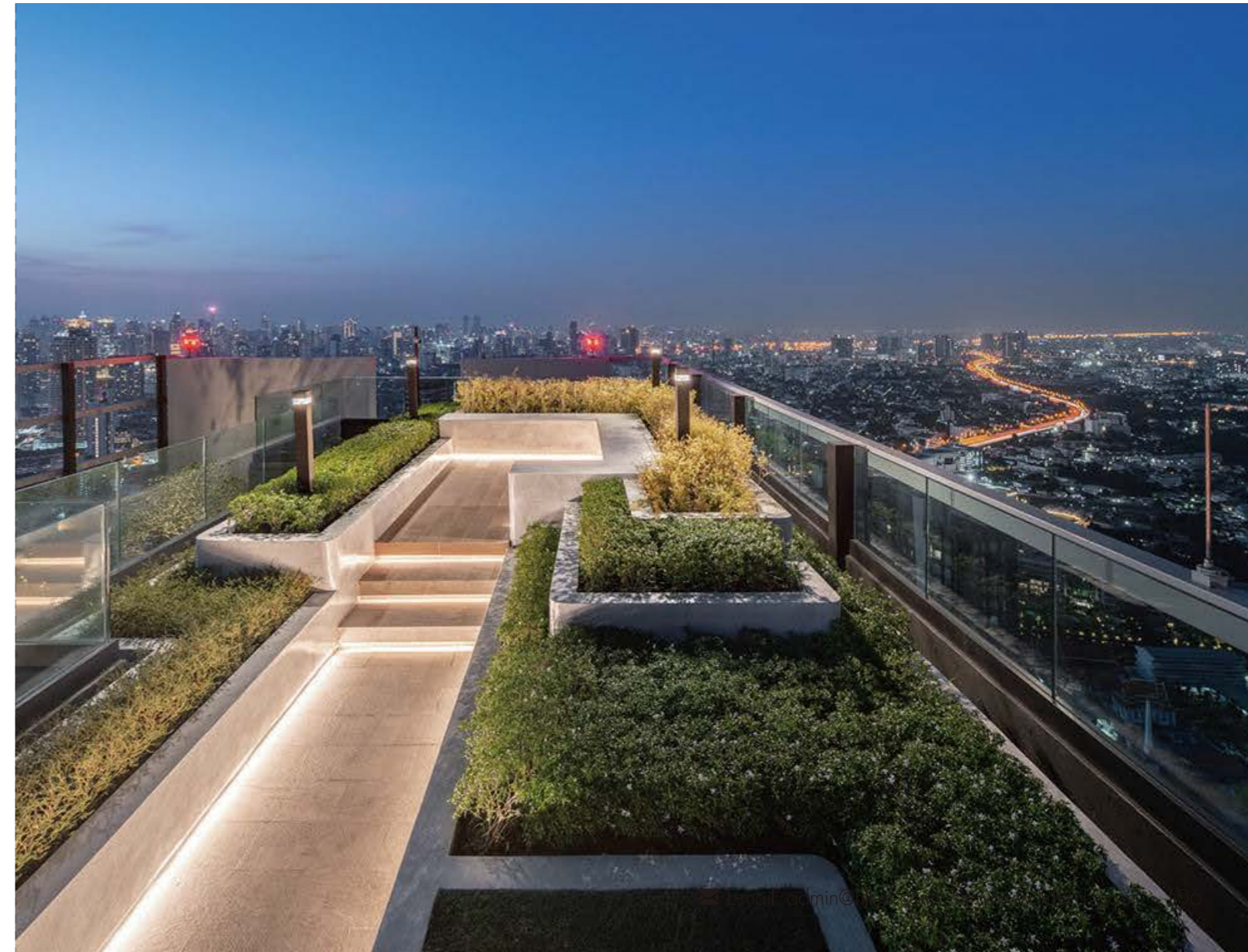
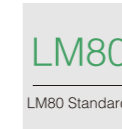
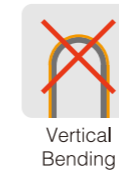


- Silicone neon light strip 2020; side lighting, IP67; integrated extrusion moulding; DC24V, horizontal emitting, front way out;
- Emitting diameter is 200mm; sectional size: 20mm\*20mm/(W\*H);
- Yellowing resistance, anti-UV, salt and alkali resistance, uniform luminescence, no facula, any emitting, adapt to outdoor and indoor lighting.



## LUMINAIRE PARAMETERS

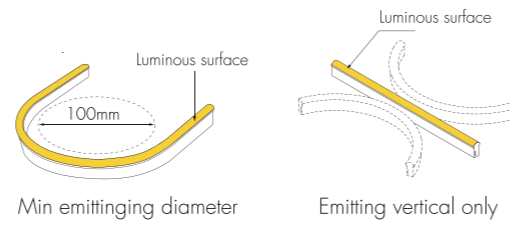
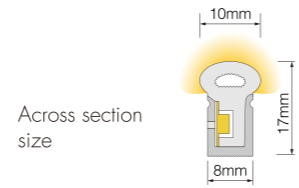
Size	W20*H20mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@3000K	45lm/W	43.2lm/W	41.1lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperature	-25℃~+60℃		
Warranty	5 years		



# HL-N0817V24-CXX



## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS



- 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 resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.



LUMINAIRE PARAMETERS		
Size	W8*H17mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@3000K	32lm/W	31.1lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperature	-25℃~+60℃	
Warranty	5 years	

Horizontal Bending

Vertical Bending

Only One Bin

IP67  
Waterproof Grade

LM80  
LM80 Standard

Resistant to solvents

UV Protection

Resistant Saltwater

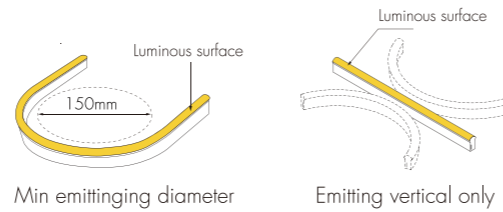
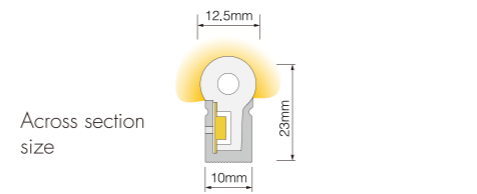
3-Step MacAdam



# HL-N1023V24-CXX



## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS



- 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 resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.



## LUMINAIRE PARAMETERS

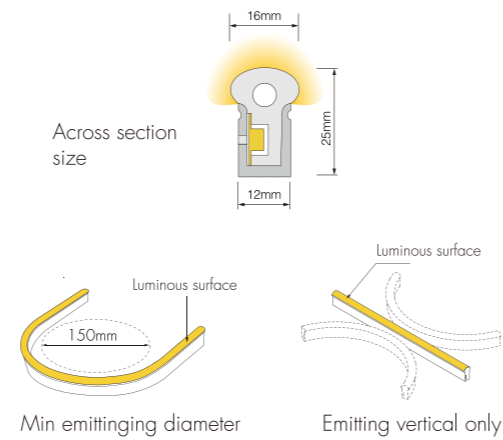
Size	W10*H23mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@3000K	35lm/W	34.5lm/W	31.9lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperature	-25℃~+60℃		
Warranty	5 years		



# HL-N1225V24-CXX



## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS

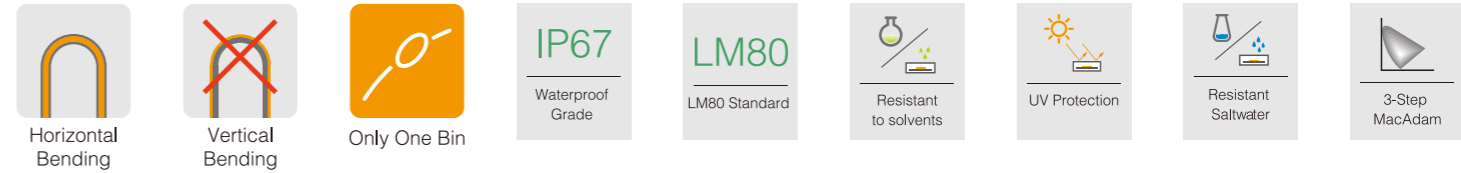


- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and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



## LUMINAIRE PARAMETERS

Size	W12*H25mm		
Voltage	DC24V		
Power	5w/m	10w/m	15w/m
Efficiency@3000K	28.8lm/W	28.6lm/W	26.3lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB		
CRI	>90		
IP rate	IP67		
Certification	CE, ROHS		
Working temperature	-25℃~+60℃		
Warranty	5 years		





360° lighting series adopt innovative technology, 360° light emission, no dark area. Flexible material, match with different application solution to meet any molding needs. Add more flexibility and artistry to your space.

## 360° Lighting Series

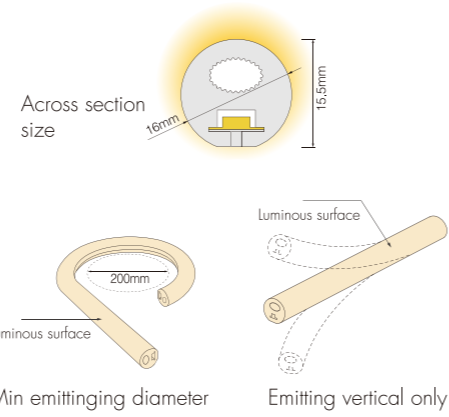


# HL-ND16V24-CXX

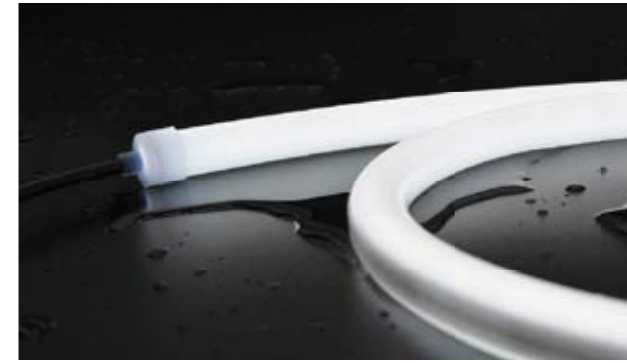


- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and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

## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS



- Only One Bin**
- IP67** Waterproof Grade
- LM80** LM80 Standard
- 3-Step MacAdam**
- Resistant to solvents
- UV Protection
- Resistant Saltwater

## LUMINAIRE PARAMETERS

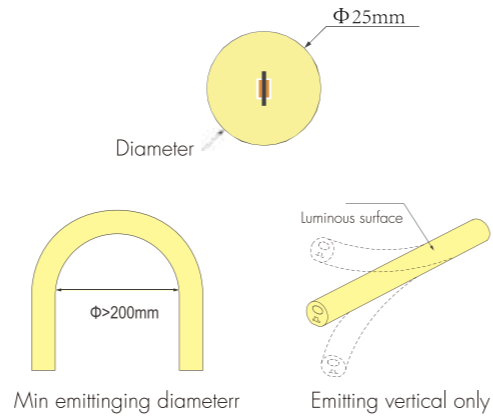
Size	W16*H15.5mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@3000K	67.6lm/W	65.3lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperature	-25℃~+60℃	
Warranty	5 years	



# HL-NR25 LED NEON LIGHT



## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS



- Unique optical light distribution structure design, 360° emitting uniform without shadow.
- IP67 protection level with integrated extrusion molding process, high light transmittance, environment-friendly silicone material.
- Excellent toughness, stylish appearance, elegant design.
- Salt resistance, acid & alkali corrosion resistance, UV and fire resistance.
- The product has Regular and Black version.



## LUMINAIRE PARAMETERS

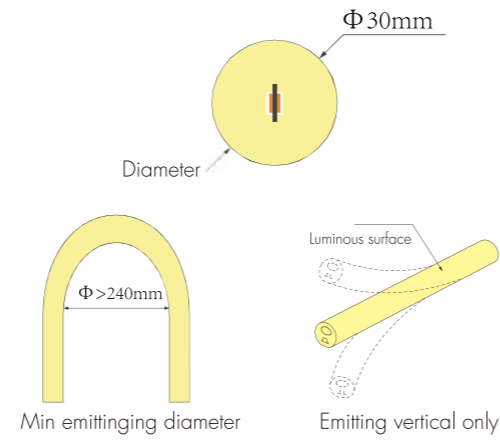
Size	W25*H25mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@3000K (Regular)	56.8lm/W	52.9lm/W
Efficiency@3000K (Black)	8lm/W	8.3lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB/RGBW	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperature	-20 C ~ +60 C	
Warranty	5 years	



# HL-NR30V24-CXX



## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS

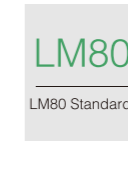


- Compared with traditional neon lights, it has good flexibility, simple and fashionable appearance, and is exquisite and unique.
- Unique optical structure design, 360° luminous uniformity without shadow.
- High light transmittance, environmentally friendly silicone material, silicone sleeve extrusion molding process, IP67 protection level.
- Salt solution resistance, acid and alkali corrosion resistance, flame retardant resistance, UV resistance.



## LUMINAIRE PARAMETERS

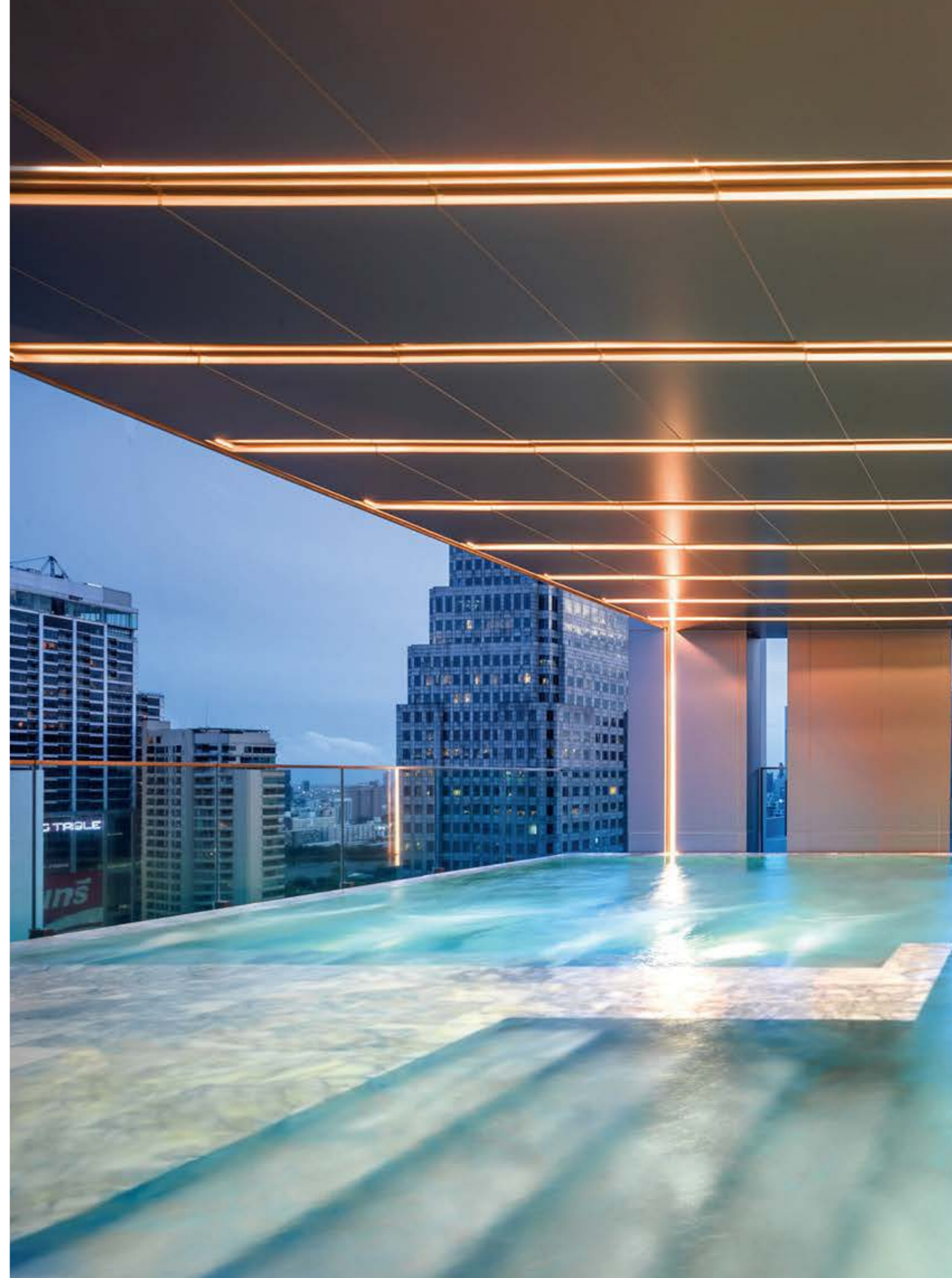
Size	W30*H30mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@3000K	55.2lm/W	46lm/W
CCT	2100K-6000K/R/G/B/Y/P/RGB	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperature	-20℃ ~ +60℃	
Warranty	5 years	





## 3D Series

Directly shuttle in 3D space through the systematic installation solution, and meet more applying demands.

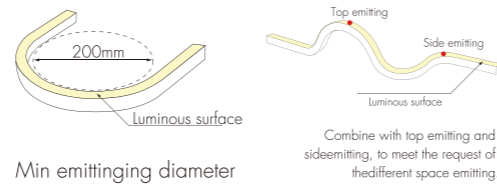
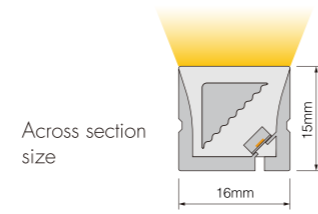


# HL-3DN1615V24-CXX



- 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 resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.

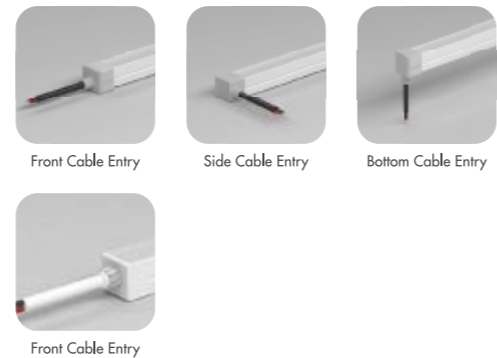
## • DIMENSION STRUCTURE



## • ACCESSORIES OPTIONS



## • SILICONE END CAP



- Only One Bin
- IP67 Waterproof Grade
- LM80 LM80 Standard
- 3-Step MacAdam
- Resistant to solvents
- UV Protection
- Resistant Saltwater

## LUMINAIRE PARAMETERS


Size	W16*H15mm	
Voltage	DC24V	
Power	5w/m	10w/m
Efficiency@3000K	71.4lm/W	70.8lm/W
CCT	2100K-6000K/R/G/B/Y/P	
CRI	>90	
IP rate	IP67	
Certification	CE, ROHS	
Working temperature	-25℃ ~ +60℃	
Warranty	5 years	

















Garage Screen

# Silicone Neon Strip Accessories

PRODUCT NAME	PRODUCT PICTURE
Anti sipon head	
Scissor	
Shear fixture	
IP67 waterproof connector	
IP67 PVC black line	
IP67 white silicone line	
Encoder	
DMX controller	
DMX controller	
IP67 signal transfer line	
IP67 power tee	

# Power Options

Model	Size (mm)	Weight (Kg)	Input Voltage (V)	Output Voltage (V)	Output Current (A)	IP rate	Output Power (W)	Product Picture
LPV-20-12/24	118*35*26	0.22	90-264V/AC	12V/24	1.67/0.84	IP67	20	
LPV-35-12/24	148*40*30	0.34	90-264V/AC	12V/24	3/1.5	IP67	35	
LPV-60-12/24	162.5*42.5*32	0.4	90-264V/AC	12V/24	5./2.5	IP67	60	
LPV-100-12/24	190*52*37	0.63	90-264V/AC	12V/24	8.5/4.2	IP67	100	
LPV-150-12/24	191*63*37.5	0.74	85-264V/AC	12V/24	10/6.3	IP67	150	
LRS-35-12/24	99*82*30	0.23	85-264V/AC	12V/24	3/1.5	/	35	
LRS-50-12/24	99*82*30	0.23	85-264V/AC	12V/24	4.2/2.2	/	50	
LRS-75-12/24	99*97*30	0.3	85-264V/AC	12V/24	6/3.2	/	75	
LRS-100-12/24	129*97*30	0.34	85-264V/AC	12V/24	8.5/4.5	/	100	
LRS-150-12/24	159*97*30	0.48	85-264V/AC	12V/24	12.5/6.5	/	150	
LRS-200-12/24	215*115*30	0.66	85-264V/AC	12V/24	17/8.8	/	200	
LRS-350-12/24	215*115*30	0.76	85-264V/AC	12V/24	29/14.6	/	350	



For additional product information,  
technical downloads, project inspiration,  
contact details and much more... please go to

**[www.hlled.com](http://www.hlled.com)**

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E-mail: [admin@hlled.com](mailto:admin@hlled.com)