

Neon Specification

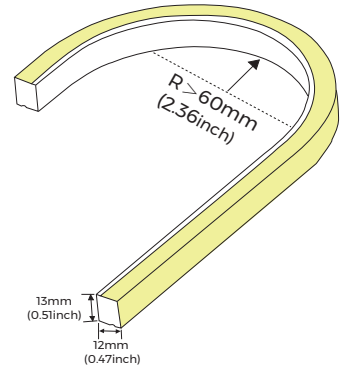
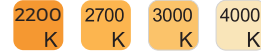
1312U

- Indoor
- Outdoor
- IP67
- IK08
- FLAME RESISTANT
- SALTWATER RESISTANT
- SOLVENT RESISTANT
- UV RESISTANT



【Features】

- Light source: high luminous efficiency LED lamp beads, LM80 test certification;
- Process material: three-color silicone extrusion technique is applied, Cut as your wish;
- Optical design: unique optical light distribution structure design, uniform light emission on the surface without shadows;
- Appearance design: Standard ESD oil spray, anti-dust; good flexibility, simple shape, exquisite and unique;
- Environmental characteristics: salt solution resistance, acid and alkali corrosion resistance, flame retardant resistance, UV resistance;
- Working/storage temperature: Ta: -25~50°C / 0°C~60°C;
- Product application: signboard lighting, outdoor/internal decorative lighting, architectural contour application;
- 7 years warranty or working life =84000H, whichever comes first.



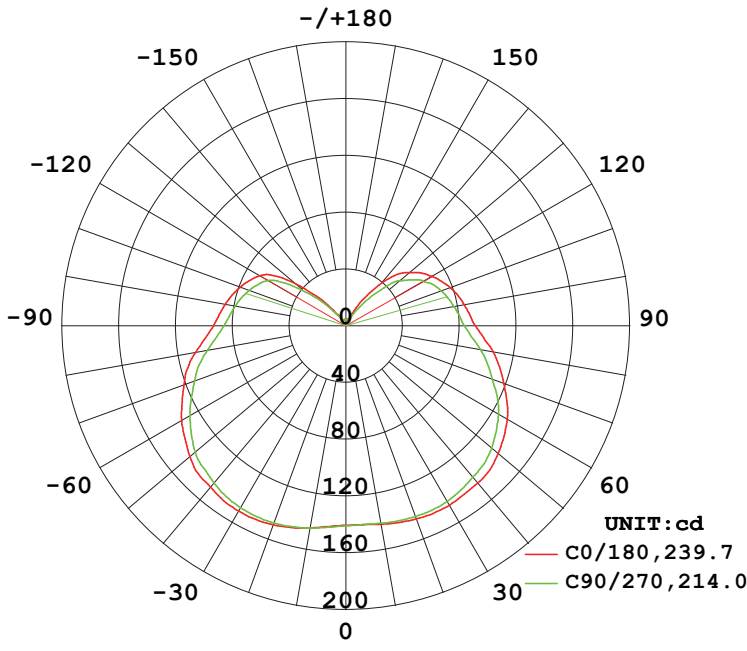
【Basic Parameters】

Model	CCT/colors	Color range	CRI	Input voltage (V)	Rated current (A/m)	Rated power (w/m)	Maximum power (w/m)	Lumens (LM/m)	Standard Length	Remark
1312U-9XX24 CSW025CCXXXX -GV10-ENP-ESD	2200K	2166-2310K	>90	24V	0.4 (0.12A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	770(235/ft)	10000mm (32.81ft)	1LED/6.25mm
	2700K	2630-2830K						935(285/ft)		
	3000K	2920-3170K						990(302/ft)		
	4000K	3770-4220K						980(299/ft)		
1312U-9XX48 CSW025CCXXXX -GV10-ENP-ESD	2200K	2166-2310K	>90	48V	0.2 (0.06A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	850(259/ft)	20000mm (65.62ft)	2LED/12.5mm
	2700K	2630-2830K						1020(311/ft)		
	3000K	2920-3170K						1150(351/ft)		
	4000K	3770-4220K						1150(351/ft)		

Note:

1. The above parameters are tested based on 1m/3.28ft standard products;
2. The luminous flux is allowed to have an error range of -15%~+∞;
3. The above parameters are typical values;

[Light Distribution]



AVERAGE BEAM ANGLE(50%):226.9°

Light distribution

Flux out:754.6 lm

Height	Eavg, Emax	Angle:175.00deg	Diameter
1m	0.2929, 141.41x		4580.75cm
2m	0.0732, 35.341x		9161.50cm
3m	0.0325, 15.711x		13742.26cm
4m	0.0183, 8.8351x		18323.01cm
5m	0.0117, 5.6541x		22903.76cm
6m	0.0081, 3.9271x		27484.51cm
7m	0.0060, 2.8851x		32065.26cm
8m	0.0046, 2.2091x		36646.01cm
9m	0.0036, 1.7451x		41226.77cm
10m	0.0029, 1.4141x		45807.52cm

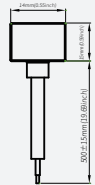
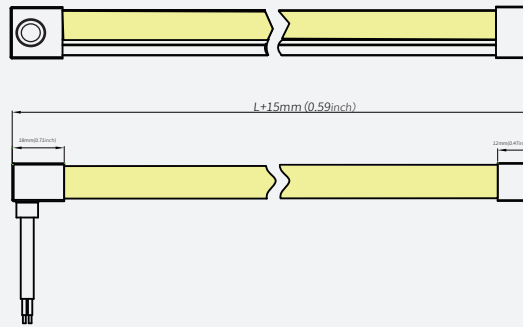
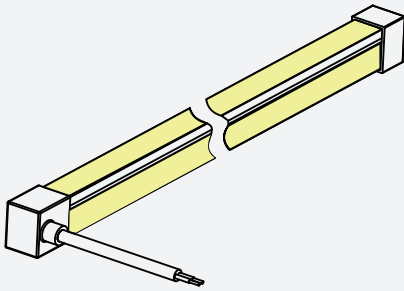
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Effective average illuminance

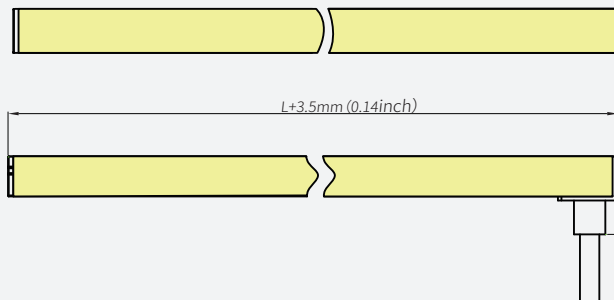
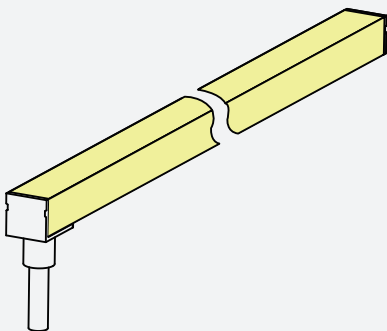
Note: The above data is based on 24V monochrome 4000K color temperature. If you need other models of IES files, please download the corresponding models from the IES database.

[Product mechanical parameters]

• IP65 Glued cap-side outlet

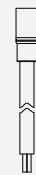
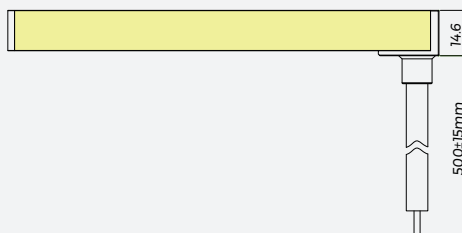
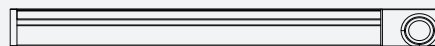
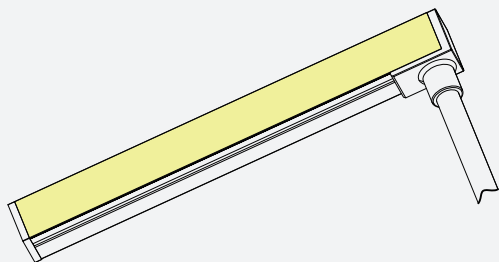


• IP67 No dark cap(ENP)-bottom outlet

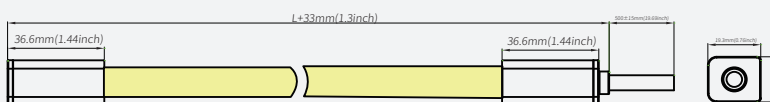
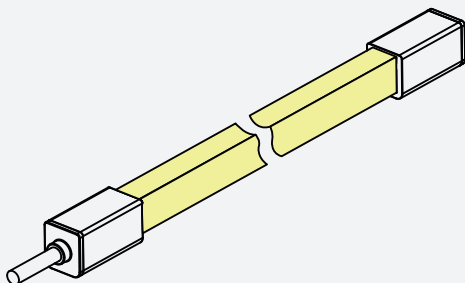


[Product mechanical parameters]

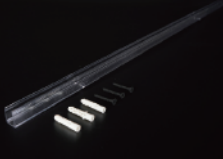
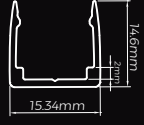


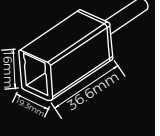

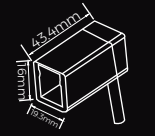

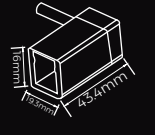

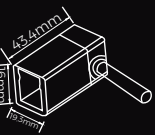

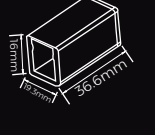

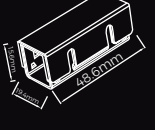

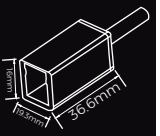

• IP67 No dark cap(ENP)-side outlet(white light)




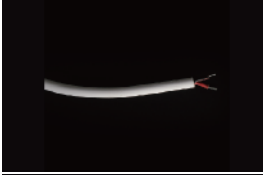

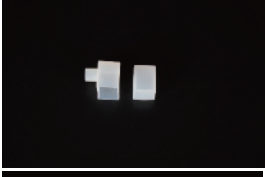
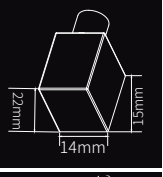

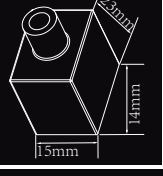

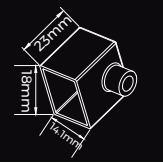
• IP54 Weld-free waterproof End-Cap - top outlet





[Accessory information]

name	describe	Accessories Picture	Section size	Order model	quantity/ case (PCS)	net weight (kg)	Per box net weight (kg)	Gross weight (kg)	Gross weight (mm)	Remark
PC carrier	Flat mount PC slot			AS-NMT1312P-1000	60	0.066	3.96	5	1180*125*115	Size: L1000*W15.4*H14.6mm With screws
PC card	Flat mount PC clip			AS-NMT1312P-25	350	0.004	1.4	1.655	250*250*150	Size: L25*W15.4*H14.6mm With screws
Weld-free waterproof End-Cap	Quick connector (out let from the top direction)			AS-NMT1312HT0-FL	48	0.04	1.92	3.735	365x365x190	outlet 500mm\ IP65
Weld-free waterproof End-Cap	Quick connector (out let from the bottom direction)			AS-NMT1312HB0-FL	48	0.04	1.92	3.735	365x365x190	outlet 500mm\ IP65
Weld-free waterproof End-Cap	Quick connector (out let from the left direction)			AS-NMT1312HL0-FL	48	0.04	1.92	3.735	365x365x190	outlet 500mm\ IP65
Weld-free waterproof End-Cap	Quick connector (out let from the right direction)			AS-NMT1312HR0-FL	48	0.04	1.92	3.735	365x365x190	outlet 500mm\ IP65
Weld-free waterproof End-Cap	Quick connector(plug)			AS-NMT1312TX0-FL	48	0.03	1.44	3.255	365x365x190	IP65
Weld-free waterproof connector	Quick connector (wit hout wire)			AS-NMT1312MX0-FL	96	0.026	2.496	2.75	365x365x190	IP65
Weld-free waterproof connector	Quick connector (wit h wire)			AS-NMT1312MH0-FL	48	0.053	2.544	2.8	365x365x190	The middle wire is 300mm long, IP65
Glue	Acid glue		/	AS-PG-0002	150	0.014	2.1	2.4	250*250*150	10ml/pcs

[Accessory information]

name	describe	Accessories Picture	Section size	Order model	quantity/	net	Per box	Gross	Gross	Remark	
					case	weight	net	weight	weight		
					(PCS)	(kg)	(kg)	(kg)	(mm)		
wire	2P PVC wire (0.5M)		/	AS-WS-0001	150	0.01541	2.31	2.61	250*250*150	Suitable for single color strip	
wire	2P PVC wire (2M)		/	AS-WS-0002	125	0.0616	7.7	8	250*250*150	Suitable for single color strip	
connector	2PIN IP68 Waterproof connector			AS-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for single color strip	
End cap set	End cap set, including end cap and plug (outlet from the bottom direction)			AS-NMT1312GD0-EC	400	0.0035	1.4	1.7	250*250*150	/	
End cap set	End cap set, including end cap and plug (outlet from the top direction)			AS-NMT1312GH0-EC	400	0.0035	1.4	1.7	250*250*150	/	
End cap set	End cap set, including end cap and plug (outlet from the side direction)			AS-NMT1312GS0-EC	400	0.0035	1.4	1.7	250*250*150	/	

[Product control system solutions]

Product Image	product name	Product number	Order code	Product specifications	Applicable Products
	Monochrome remote	R6-1	402-02-000000-00013	output signal : RF Working voltage:3VDC(CR2032) Remote control distance:30m Working temperature:Ta:0-30 °C-0+55 °C	Monochrome light strip (Use with CR1-GBA)
	Monochrome light controller	CR1-GBA	402-01-000000-00001	Input voltage:DC12-48V Output current:15A@12V/24V,10A@36V/48V Output Power:Max 180W@12V/Max 360W@24V/Max 360W@36V/Max 480W@48V Working temperature:-30°C— +55°C	Monochrome light strip (Use with R6-1)