

Neon Specification

AL-360NEON

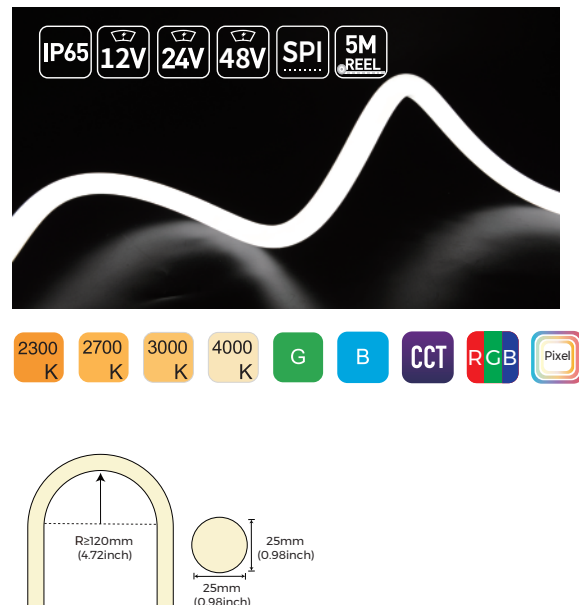


【Features】

- Light source: high luminous efficiency LED lamp beads, LM80 test certification;
- Process material: high light transmittance, high purity silica gel material, IP65 protection level;
- Optical design: unique optical light distribution structure design, 360° light output uniformly without shadows;
- Appearance design: skin-friendly surface treatment, comfortable touch, good flexibility, and simple shape;
- Product certification: UL, CE, ROHS, UCKA, CB;
- Environmental characteristics: salt solution resistance, acid and alkali corrosion resistance, flame retardant resistance, UV resistance;
- Working/storage temperature: Ta: -25~55°C / 0°C~60°C;

Symphony working/storage temperature: Ta: -20~40°C / 0°C~60°C;

- Product application: office lighting, decorative lighting, artistic lighting, modeling contrast;
- White/G/B/CCT/RGB with 3 years warranty or working life =36000H, which ever comes first; SPI with warranty 2 years or working life=20000H, whichever comes first.



【Basic Parameters】

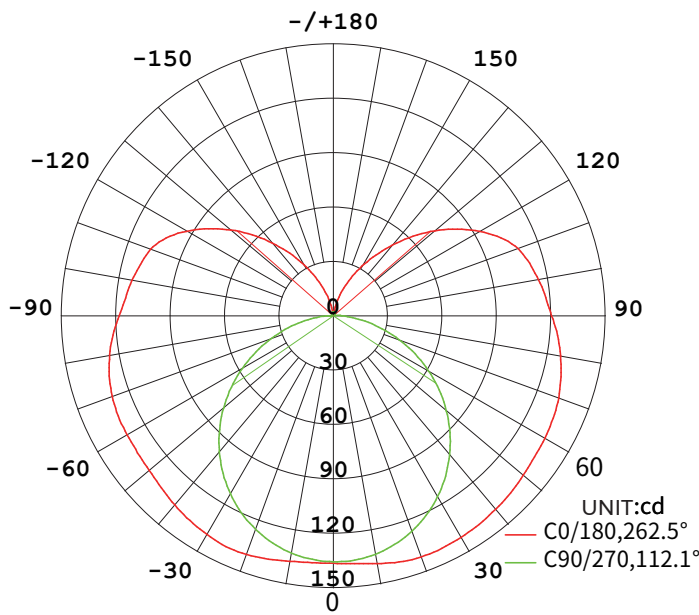
Model	CCT/colors	CRI	Input voltage (V)	Rated current (A/m)	Rated power (W/m)	Maximum power (W/m)	Lumens (LM/m)	Standard Length	Remark
AL-360NEON-24CSN050BCXXXX-ESD	2300K	>90	24V	0.6 (0.18A/ft)	14.4 (4.39W/ft)	16 (4.88W/ft)	750(225/ft)	1000mm (3.28ft)	Arbitrary cutting 4LED/11.97mm
	2700K						950(285/ft)		
	3000K						950(285/ft)		
	4000K						950(285/ft)		
AL-360NEON0X-24CSN050BCXXXX-ESD	G 620-630nm	/		0.42 (0.13A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	/	2500mm (8.2ft)	No cutting 14LED/41.67mm
	B 465-470nm	/					/		
		/					/		
AL-360NEON-RGB-24CSN050BCXXXX-ESD	RGB	/		0.6 (0.18A/ft)	14.4 (4.39W/ft)	16 (4.88W/ft)	400(120/ft)	5000mm (16.4ft)	No cutting 14LED/50mm
AL-360NEON-9LWNW-24CSN050BCXXXX-ESD	2300K-4000K	>90					950(285/ft)		No cutting 24LED/31.25mm

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 $\pm 10\%$;
3. The above parameters are typical values;

The standard size of 4.24V is 1m (3.28ft), 2.5m (8.2ft), 5m (16.4ft); the standard size of 48V is 20m (65.6ft); the standard size of 12V is 3m (9.8ft);

[Light Distribution]



AVERAGE BEAM ANGLE(50%):187.3 DEG

Light distribution

Flux out:630.0 lm

Height	Eavg,Emax	Angle:179.00deg	Diameter
1m	0.0000,136.61x		22917.70cm
2m	0.0000,34.151x		45835.40cm
3m	0.0000,15.181x		68753.09cm
4m	0.0000,8.5371x		91670.79cm
5m	0.0000,5.4641x		114588.49cm
6m	0.0000,3.7941x		137506.19cm
7m	0.0000,2.7881x		160423.89cm
8m	0.0000,2.1341x		183341.59cm
9m	0.0000,1.6861x		206259.28cm
10m	0.0000,1.3661x		229176.98cm

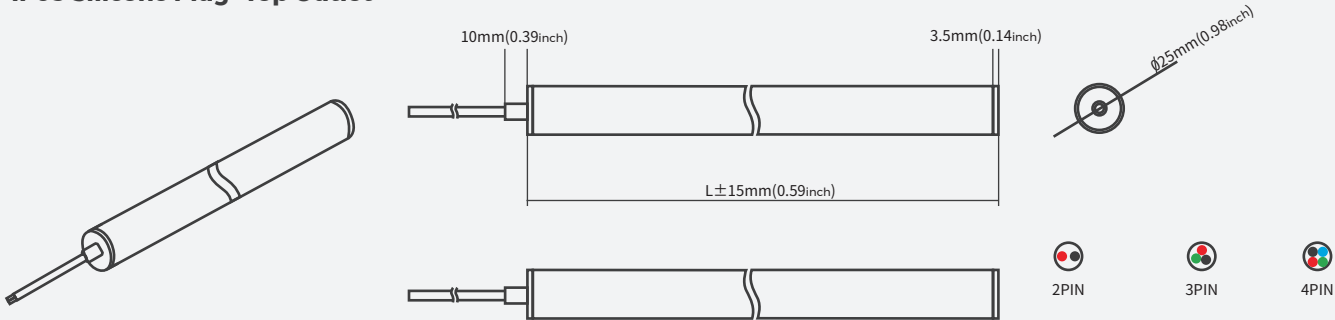
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 Silicone Plug -Top Outlet



• IP65 Silicone Plug-Side outlet

