



LED NEON FLEX SPECIFICATION

IP67 FLEXIBLE SILICONE 360° NEON Round light



Note: Lumiwise may change product specifications and installation guidance without prior notice.

IP67 FLEXIBLE SILICONE 360° NEON Round light

Item Code: NS-D25-X1X2

Using Dow Chemical brand silicone rubber

Regular Power range 5W/m ,10W/M and 15W/m

360° round Uniform Lighting

IP67 with resistance to salts, acids, alkalis, and UV

Maximum length 5m one power supply

2700k 3000k 4000k 6500k

2700k
~
6000k

R

P

G

B

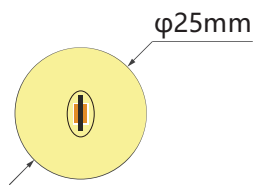
Y

RGB

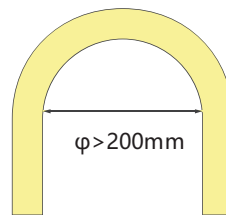
RGBW



Dimensions & Waterproof

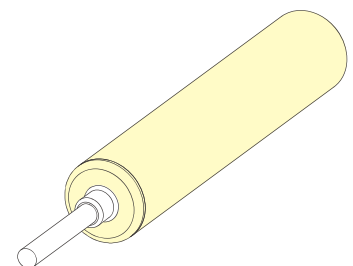
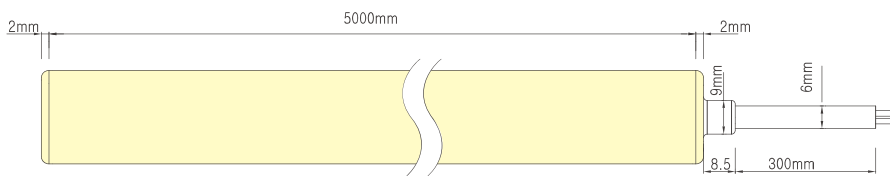


Product diameter



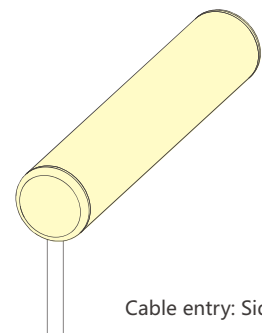
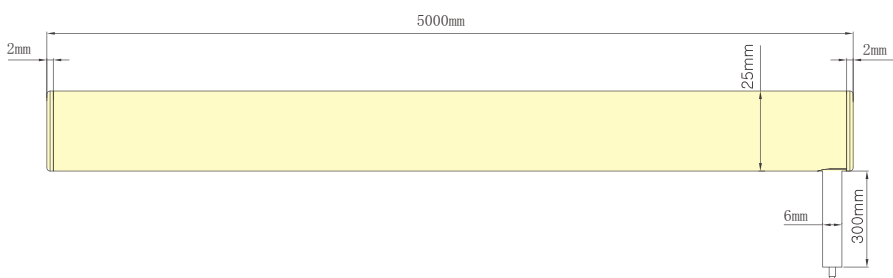
Mini bending diameter

Straight Integrated End cap (IP67)



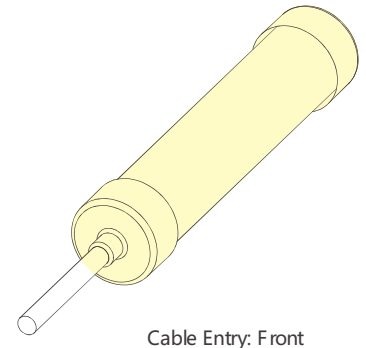
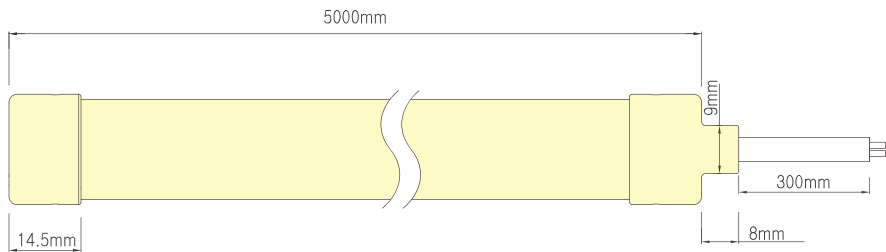
Cable entry: Front

Side output integrated End cap



Cable entry: Side

Silicone end Cap (Straight)



The Head



The End

Electrical Parameter

Voltage	DC24V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C ~ 60°C
Ambient Temperature	Min.-25°C Max(Table below)
CRI	≥90

Specification

Power	Min:5W/M;Middle :10W/M,high :15W/M
Efficacy@4000K	46lm/w
Max Ambient Temperature	45°C
Beam Angle	360°
Max Ambient Temperature	45°C

Due to the tolerance of the production and electrical components, output value and electrical power can vary up to 10%

Single color parameters

CCT(K)	CRI	Voltage	Low power(5w/m)		High power(10w/m)		Unit Length (mm)	Max. Run Length(M)		CC/CV
			LM/M	LM/W	LM/M	LM/W		5w/m	10w/m	
2700K±150	≥90	DC24V	302	60.4	604	60.4	50	5m		CC/CV
3000K±150	≥90	DC24V	318.5	63.7	637	63.7	50	5m		CC/CV
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	350	70	700	70	50	5m		CC/CV
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	335.5	67.1	671	67.1	50	5m		CC/CV
Red	--	DC24V	148	29.6	296	29.6	50	5m		CC/CV
Green	--	DC24V	328.5	65.7	657	65.7	50	5m		CC/CV
Blue	--	DC24V	73	14.6	146	14.6	50	5m		CC/CV
Yellow	--	DC24V	91.5	18.3	183	18.3	50	5m		CC/CV
Pink	--	DC24V	297	59.4	594	59.4	50	5m		CC/CV

CCT Tunable (Lm/m)

CCT(K)	CRI	Voltage	High power(5w/m)		High power(10w/m)		Unit Length (mm)	Max. Run Length (M)	CC/CV
			LM/M	LM/W	LM/M	LM/W			
WW	≥90	DC24V	194.5	77.8	389	77.8	50	5	CV
W	≥90	DC24V	218.5	87.4	437	87.4	50	5	CV
W+WW	≥90	DC24V	410.5	82.1	821	82.1	50	5	CV

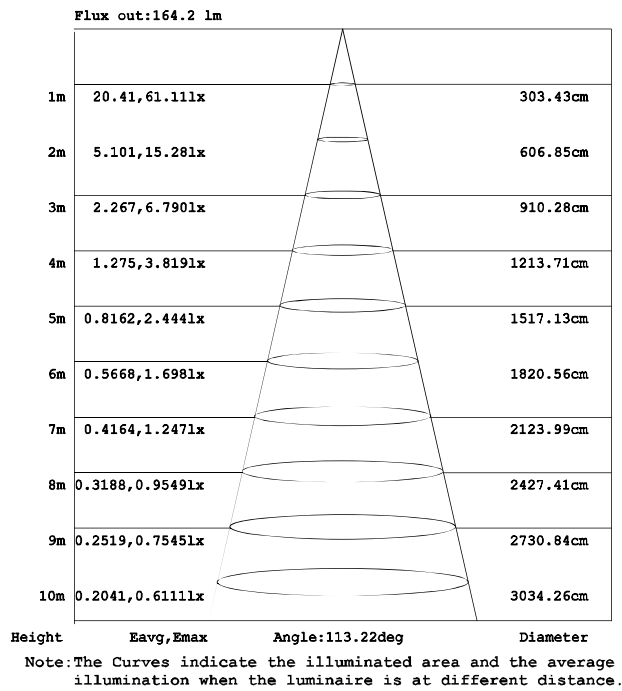
RGB (Lm/m)

CCT(K)	CRI	Voltage	High power(5w/m)		High power(10w/m)		Unit Length (mm)	Max. Run Length (M)	CC/CV
			LM/M	LM/W	LM/M	LM/W			
R	--	DC24V	46	27.9	92	27.9	62.5	5	CV
G	--	DC24V	151.5	91.8	303	91.8	62.5	5	CV
B	--	DC24V	27	16.4	54	16.4	62.5	5	CV
RGB	--	DC24V	222.5	44.5	445	44.5	62.5	5	CV

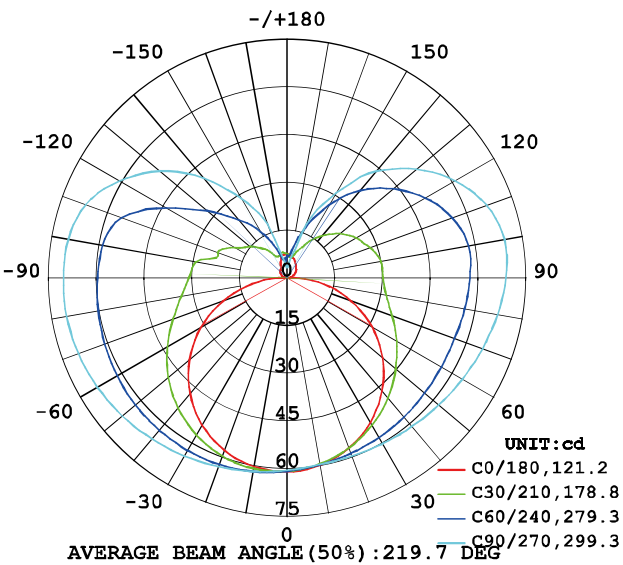
RGBW (Lm/m)

CCT(K)	CRI	Voltage	High power(10w/m)		High power(15w/m)		Unit Length (mm)	Max. Run Length (M)	CC/CV
			LM/M	LM/W	LM/M	LM/W			
R	--	DC24V	279.0	27.9	418.5	27.9	62.5	5	CV
G	--	DC24V	918	91.8	1,377	91.8	62.5	5	CV
B	--	DC24V	164	16.4	246	16.4	62.5	5	CV
W	--	DC24V	164	16.4	246	16.4	62.5	5	CV
RGB	--	DC24V	445	44.5	667.5	44.5	62.5	5	CV
RGBW	--	DC24V	545	54.5	817.5	54.5	62.5	5	CV

Light Distribution Curve



Effective average illumination



Light distribution curve

Note: The above data is based on the test results of the single white 3000K led strip.

Product accessories

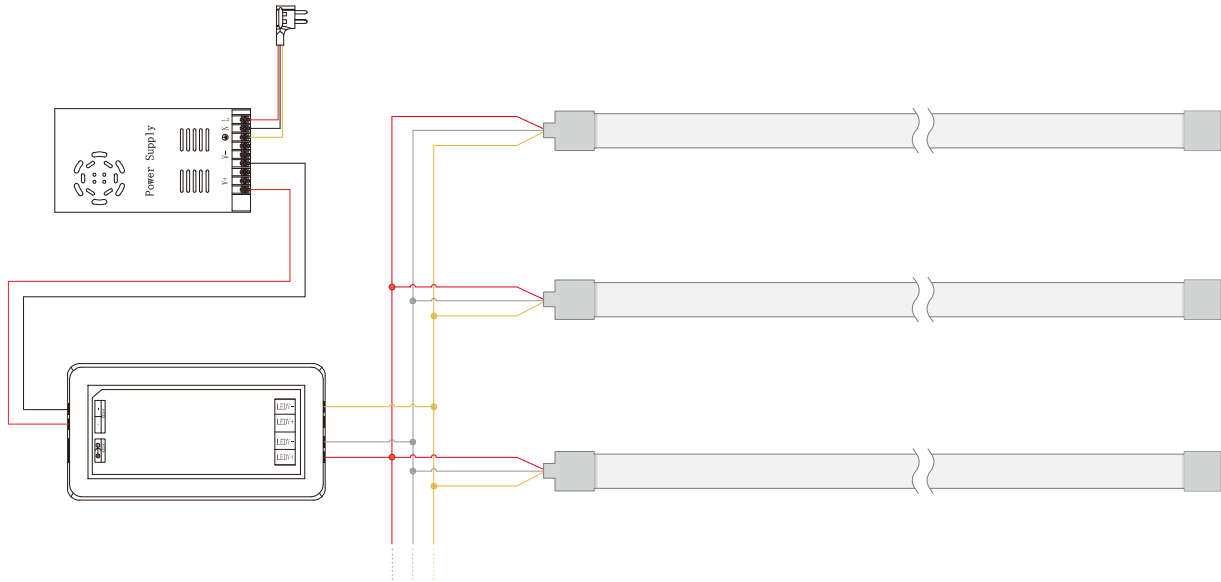


PC Profile
Material: PC
Color: Transparent
Size: 25x30x1000mm
Noted: With screws, plastic plugs, hanging rope



PC Profile
Material: PC
Color: Transparent
Size: 25x30x1000mm
Noted: With screws, plastic plugs, hanging rope

Tunable white Connection Diagram



RGB Connection Diagram

