

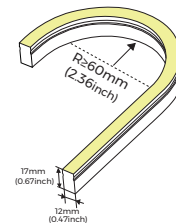
Neon Specification

AL-NMS1217



【Features】

- Light source: high luminous efficiency LED lamp beads, LM80 test certification;
 - Process material: three-color silicone extrusion technique is applied, Cutting mark more clear;
 - 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;
 - Product certification: UL, CE, ROHS, UACK, 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: signboard lighting, outdoor/internal decorative lighting, architectural contour application;
 - White 5 year warranty, 48V/G/B/CCT/RGBW with 3 years warranty or working life =36000H, whichever comes first; SPI/DMX512 with warranty 2 years or working life=20000H, whichever comes first.



Note: White/CCT/RGB/RGBW light bending radius R=60mm(2.36inch). SPI/DMX bending radius R=80mm(2.6inch)

【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-NMS1217- XXXX24 CXN050XCXXX-PRO	2400K	>90	24V	0.4 (0.12A/ft)	9.6 (2.93W/ft)	10.6 (3.23W/ft)	400(121/ft)	5000mm (16.4ft) 10000mm (32.8ft)	7LED/50mm		
	2700K						410(125/ft)				
	3000K						450(137/ft)				
	4000K						420(128/ft)				
AL-NMS1217- 0X24 CXN050XCXXX-PRO	G 525-535nm	/					/				
	B 455-465nm										
AL-NMS1217- 0RGB24 CXN050XC0500-PRO	RGB	/			0.2 (0.06A/ft)	12 (3.66W/ft)	13.2 (4.02W/ft)	/	5000mm (16.4ft)	7LED/83mm	
	R 615-625nm										
	G 520-530nm										
	B 465-470nm										
AL-NMS1217- 0RGBXX24 CXN050XC0500-PRO	RGB~2700K	/			0.6 (0.18A/ft)	14.4 (4.39W/ft)	16 (4.88W/ft)	/			12LED/62.5mm
	RGB~3000K										
	RGB~3500K										
	RGB~4000K										
	RGB~5000K										
AL-NMS1217- XXXXX24 CXN050XC0500-PRO	2400~4000K	>90			0.5 (0.15A/ft)	12 (3.66W/ft)	13.2 (4.02W/ft)	520(158/ft)			14LED/100mm

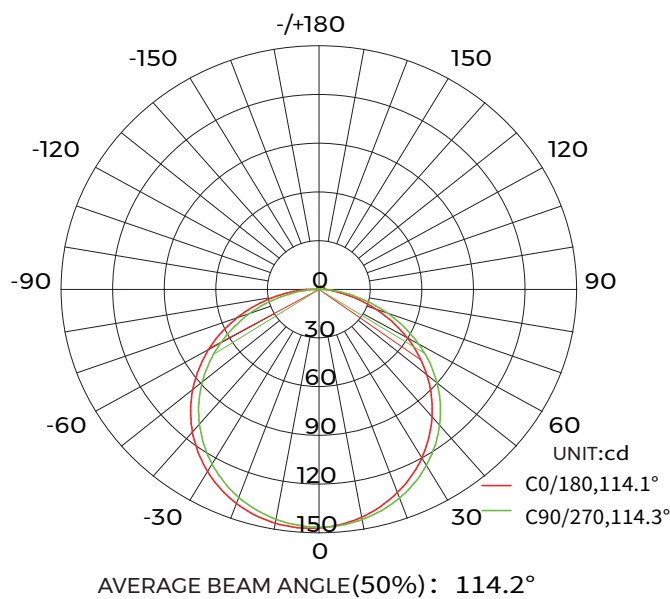
【Basic Parameters】

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																	
NMS1217- 9XXX48 CSN050CC5000-PRO	2400K	>90	48V	0.11 (0.03A/ft)	5.3 (1.62W/ft)	5.8 (1.77W/ft)	200(60/ft)	50000mm (164ft)	12LED/100mm																	
	2700K						220(65/ft)																			
	3000K						220(65/ft)																			
	4000K						240(70/ft)																			
NMS1217- 9XXX48 CSN050CC2000-PRO	2400K	>90		0.2 (0.06A/ft)	9.6 (2.93W/ft)	10.6 (3.23W/ft)	380(115/ft)	20000mm (65.6ft)																		
	2700K						390(118/ft)																			
	3000K						390(118/ft)																			
	4000K						410(125/ft)																			
NMS1217- 0RGB48 CSN050CC2000-PRO	RGB	/		0.2 (0.06A/ft)	9.6 (2.93W/ft)	10.6 (3.23W/ft)	/			20000mm (65.6ft)																
	R 620-630nm																									
	G 525-530nm																									
	B 465-470nm																									
NMS1217- 0RGBXX48 CSN050CC2000-PRO	RGB-2200K	/		0.2 (0.06A/ft)	9.6 (2.93W/ft)	10.6 (3.23W/ft)	/				20000mm (65.6ft)															
	RGB-2700K																									
	RGB-3000K																									
	RGB-3500K																									
	RGB-4000K																									
	RGB-5000K																									
NMS1217- 9LWNW48 CSN050CC2000-PRO	2100~4000K	>90	24V	0.75 (0.23A/ft)	18 (5.49W/ft)	20.7 (6.31W/ft)	280(85/ft)		24LED/62.5mm																	
NMS1217- 0RGBX24 CDS025CC0500-PRO-EP(SPI)	RGB	/					24V		0.75 (0.23A/ft)			18 (5.49W/ft)	20.7 (6.31W/ft)	5000mm (16.4ft)	7LED/83mm IC:(UCS1603H)											
	R 620-630nm																									
	G 525-530nm																									
	B 465-470nm																									
NMS1217- 8XXX24 CDS025CC0500-PRO-EP(SPI)	2100K	>80						24V								0.75 (0.23A/ft)	18 (5.49W/ft)	20.7 (6.31W/ft)	5000mm (16.4ft)	7LED/83mm IC:(UCS1603H)						
	2700K																									
	3000K																									
	4000K																									
NMS1217- 0RGBM24 CDS025CC 0500-PRO-EP(DMX512)	RGB	/								24V				0.75 (0.23A/ft)	18 (5.49W/ft)						20.7 (6.31W/ft)	5000mm (16.4ft)	7LED/83mm IC:(UCS1603H)			
	R 620-630nm																									
	G 525-530nm																									
	B 465-470nm																									
NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80									24V								0.75 (0.23A/ft)	18 (5.49W/ft)				20.7 (6.31W/ft)	5000mm (16.4ft)	7LED/83mm IC:(UCS1603H)
	2700K																									
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NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80	24V	0.75 (0.23A/ft)	18 (5.49W/ft)	20.7 (6.31W/ft)	5000mm (16.4ft)		7LED/83mm IC:(UCS1603H)																	
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NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80						24V				0.75 (0.23A/ft)	18 (5.49W/ft)			20.7 (6.31W/ft)	5000mm (16.4ft)	7LED/83mm IC:(UCS1603H)								
	2700K																									
	3000K																									
	4000K																									
NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80					24V		0.75 (0.23A/ft)	18 (5.49W/ft)				20.7 (6.31W/ft)	5000mm (16.4ft)						7LED/83mm IC:(UCS1603H)					
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NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80						24V				0.75 (0.23A/ft)	18 (5.49W/ft)			20.7 (6.31W/ft)				5000mm (16.4ft)		7LED/83mm IC:(UCS1603H)				
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NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80					24V		0.75 (0.23A/ft)	18 (5.49W/ft)				20.7 (6.31W/ft)	5000mm (16.4ft)						7LED/83mm IC:(UCS1603H)					
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NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80									24V						0.75 (0.23A/ft)	18 (5.49W/ft)	20.7 (6.31W/ft)	5000mm (16.4ft)		7LED/83mm IC:(UCS1603H)				
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NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80						24V				0.75 (0.23A/ft)	18 (5.49W/ft)			20.7 (6.31W/ft)				5000mm (16.4ft)		7LED/83mm IC:(UCS1603H)				
	2700K																									
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	4000K																									
NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80					24V		0.75 (0.23A/ft)	18 (5.49W/ft)				20.7 (6.31W/ft)	5000mm (16.4ft)						7LED/83mm IC:(UCS1603H)					
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NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80									24V						0.75 (0.23A/ft)	18 (5.49W/ft)	20.7 (6.31W/ft)	5000mm (16.4ft)		7LED/83mm IC:(UCS1603H)				
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NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX512)	2100K	>80					24V		0.75 (0.23A/ft)	18 (5.49W/ft)				20.7 (6.31W/ft)	5000mm (16.4ft)						7LED/83mm IC:(UCS1603H)					
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	3000K																									
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NMS1217- 8XXM24 CDS025CC 0500-PRO-EP(DMX5																										

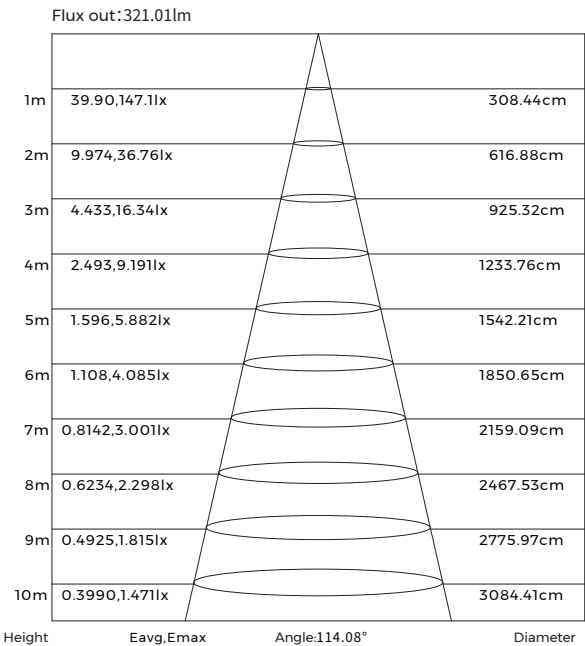
Note:

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;

[Light Distribution]



Light distribution



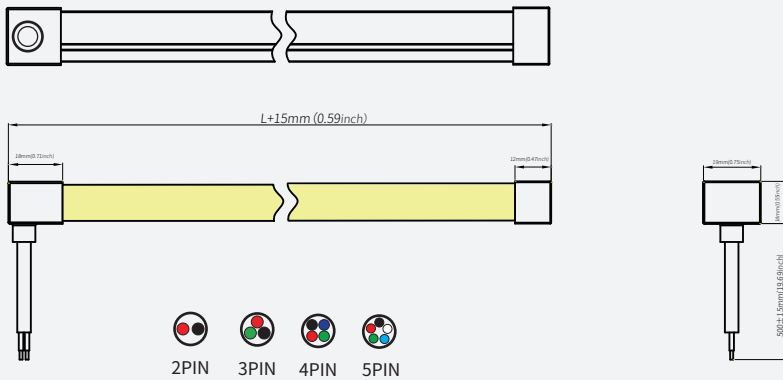
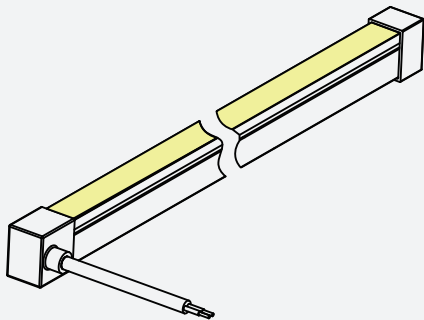
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Effective average illuminance

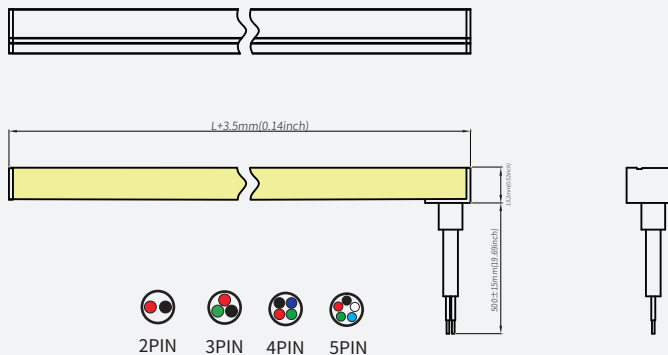
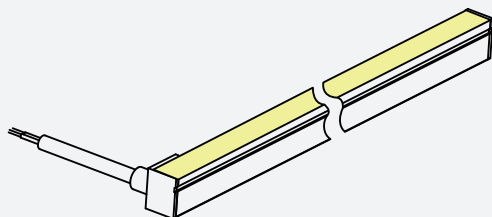
Note: The above data is based on 24V monochrome 4000K color temperature. If you need other models of IES files, please download the corresponding models from the IES database.

[Product mechanical parameters]

• IP65 Glued cap- side outlet

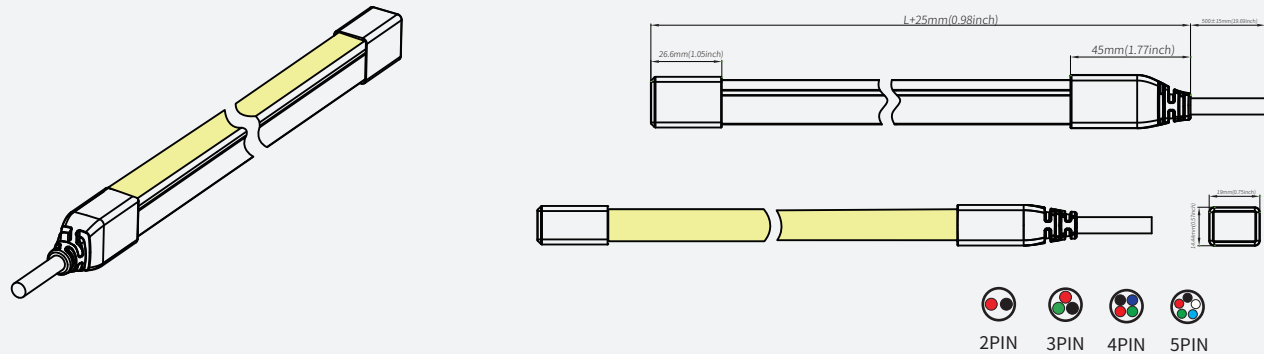


• IP67 No dark cap(NP/ENP)-side outlet

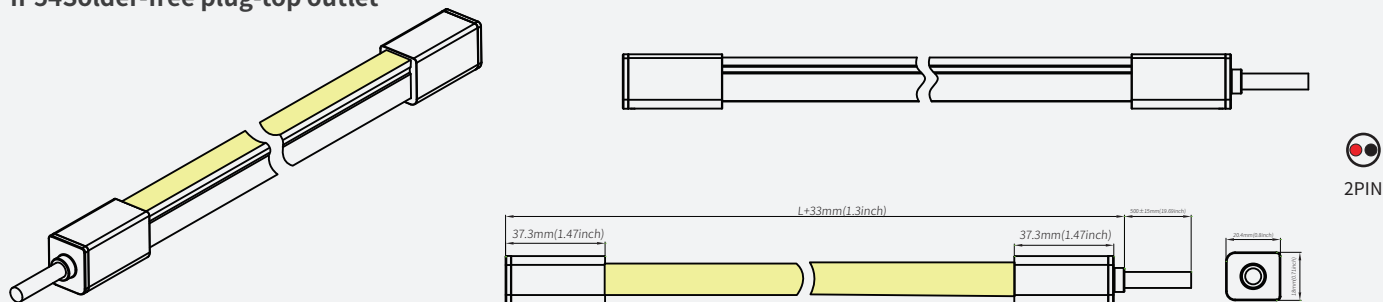


[Product mechanical parameters]

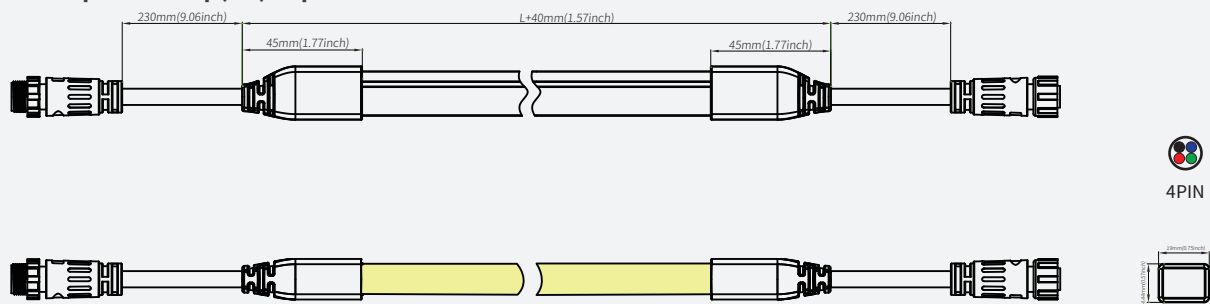
• IP67 Full encapsulated cap(EP)-top outlet



• IP54Solder-free plug-top outlet



• IP67Full encapsulated cap(EP)-top outlet



• IP67 No dark cap(NP/ENP)-side outlet

