

# LIGHTMOODS™

## Single Color Dome LED Neon Ribbon Light

**DMSC-24V-60**  
**DMSC-230V-72**

**DMSCO-24V-60**  
**DMSCO-230V-72**

Perfect replacement for neon glass. The curved profile allows for a large viewing angle. Suitable for indoor, outdoor, architectural and signage applications.



**Beam Angle**



**Bending Diameter**



**Flame Resistant**



**UV Resistant**



**Solvent Resistant**



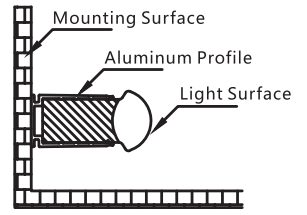
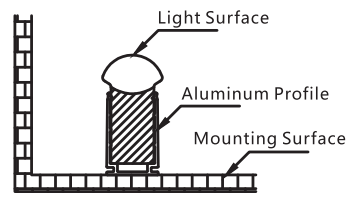
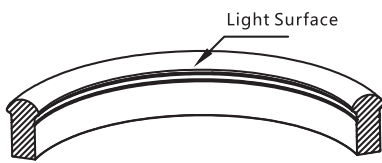
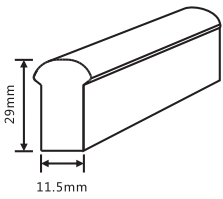
**Saltwater Resistant**



**IP68 Protection**



**IK08 Protection**



Technical Data				
Article No.	DMSCO-24V-60	DMSC-24V-60	DMSCO-230V-72	DMSC-230V-72
Color	Red/Amber	Green/Blue/White	Red/Amber	Green/Blue/White
Working Voltage	DC24V	DC24V	AC230V	AC230V
Rated Power / mtr	7.2W	12W	8W	12W
LED Qty/mtr	60LEDs	60LEDs	72LEDs	72LEDs
LED Distance	1.67cm	1.67cm	1.39cm	1.39cm
Min. Cutting Unit	10LEDs (16.7cm)	6LEDs (10cm)	72LEDs (1m)	72LEDs (1m)
Continuous Length	15m	10m	100m	80m
IP Rating	IP68/IP40	IP68/IP40	IP65/IP40	IP65/IP40

### Connection Diagram for Injection Molded Light



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**Beam Angle**



**Bending Diameter**



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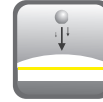
**Solvent Resistant**



**Saltwater Resistant**



**IP68 Protection**



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### Customized Length of Injection Molded Light

	Length 1	Length 2	Length 3	Length 4	Length 5	Length 6	Length 7
Length (Green/Blue/White)	10cm	20cm	50cm	100cm	200cm	500cm	1000cm
Length (Red/Amber)	16.7cm	33.3cm	50cm	100cm	200cm	500cm	1000cm

### Matching Table for Power and Length(DC24V)

Power	35W	60W	100W	120W	150W	150W	180W	240W	320W
7.2W Length	4m	7.5m	12m	15m		18.5m	22m	30m	
12W Length	2.5m	4.5m	7.5m	9.0m	10m		13.5m	18m	20m
Energizing Way	DC input					DC input			

### Photometric Data

Article No.	DMSC-24V-60 and DMSCO-24V-60	
LED Type	SMD	
Beam angle	270°	
Color	CCT/Wavelength	Lumen/m
Red	620-630nm	>120lm
Green	520-530nm	>280lm
Blue	460-470nm	>40lm
Amber	590-595nm	>90lm
Warm White	2725±145K	>380lm
	3045±145K	>380lm
White	3465±245K	>380lm
	3985±275K	>380lm
Cool White	4503±243K	>380lm
	5028±283K	>380lm
Daylight White	5665±355K	>380lm

### Photometric Data

Article No.	DMSC-230V-72 and DMSCO-230V-72	
LED Type	SMD	
Beam angle	270°	
Color	CCT/Wavelength	Lumen/m
Red	620-630nm	>90lm
Green	520-530nm	>210lm
Blue	460-470nm	>30lm
Amber	590-595nm	>65lm
Warm White	2725±145K	>260lm
	White	3465±245K
Cool White	4503±243K	>260lm
Daylight White	5665±355K	>260lm

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**Beam Angle**  
270°



**Bending Diameter**  
D:12cm



**Flame Resistant**



**UV Resistant**



**Solvent Resistant**



**Saltwater Resistant**



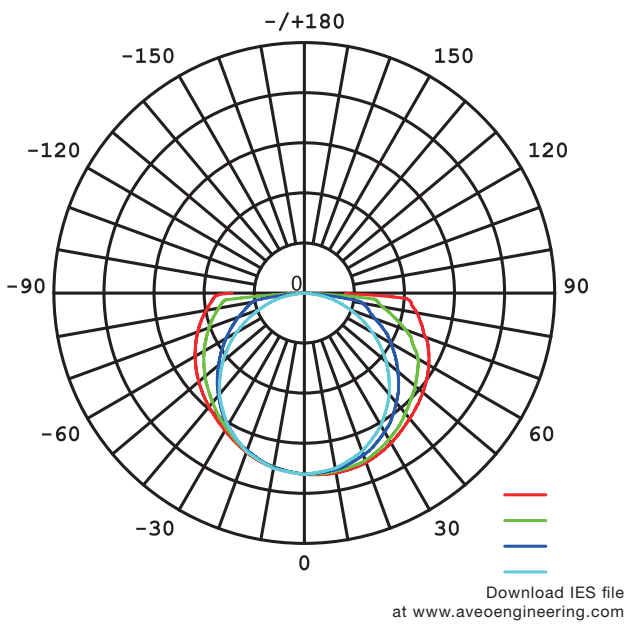
**IP68 Protection**



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### Candle Power Distribution



### Illuminance Characteristics

