

# HIGH EFFICIENCY NEON

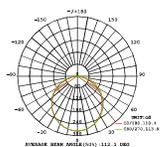
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The High Efficiency Neon series uses high-efficiency light sources and a unique high-transmittance optical design. With CRI90, it offers up to 95 lm/w.

## HIGH EFFICIENCY T1212

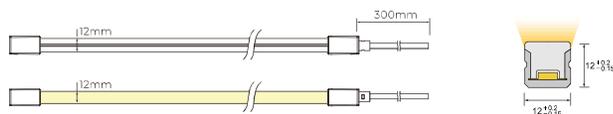


High-efficiency light sources with a unique high-transmittance optical design. Made from Dow SILASTIC™ silicone with high light transmission and an integrated extrusion molding process, featuring IP67 protection. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5-year warranty, lifespan ≥ 50,000 hours, 1 SIN.



Light Distribution Curve  
(24W, 10W, 4000K)

### Dimensions



### Basic Parameters

Model No.	NH-T1212	
Voltage	DC24V	
Power(w/m)	5W/10W	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)	

Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C



### Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5W/10W
Max. Run Length(CC)	8m
Cutting Length	50mm

### Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	820	10	82
	3000K±150	880	10	88
	3500K±200	950	10	95
	4000K±300	930	10	93
	5000K±300	940	10	94
	6000K±300	950	10	95

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



### End Cap & Cable Lead Option

#### Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

#### Solder Free End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

#### Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap



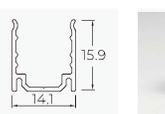
### Accessories



Aluminium Mounting clips  
Length: 2cm



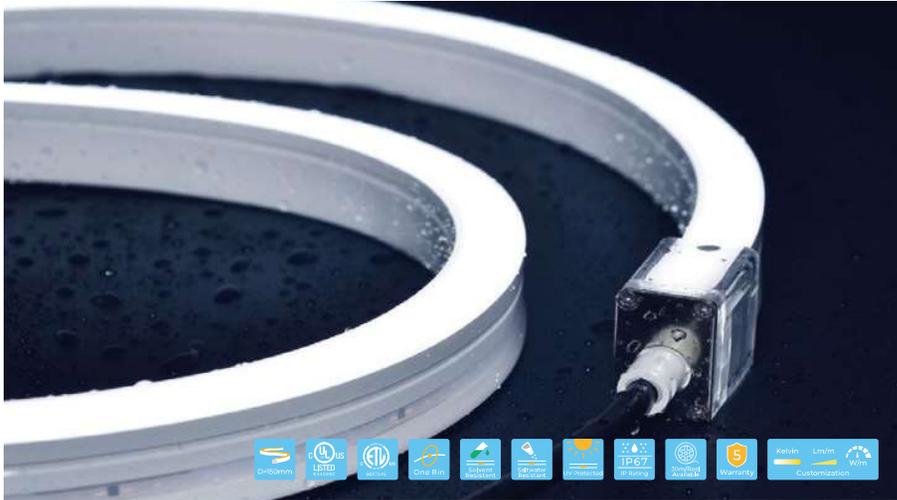
Aluminium Profile  
Length: 1m/2m/3m



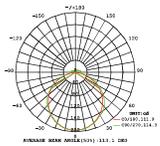
Stainless Steel Mounting clips  
Length: 2cm



## HIGH EFFICIENCY S1220

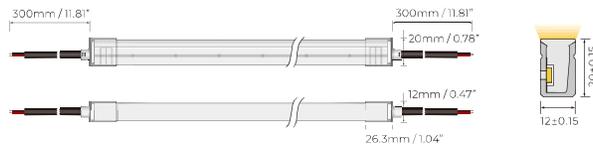


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Light Distribution Curve  
(24V, 10W, 4000K)

### Dimensions



### Basic Parameters

Model No.	NH-S1220		
Voltage	DC24V		
Power(w/m)	5W/10W/15W		
Storage Temperature	-25°C~60°C		
Ambient Temperature	T <sub>min</sub> =-25°C, T <sub>max</sub> (T <sub>max</sub> 45°C)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(T <sub>max</sub> )	55°C	45°C	35°C



### Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5W/10W/15W
Max. Run Length(CC)	12m
Cutting Length	50mm

### Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2600-2800K	530	10	53
	2900-3100K	530	10	53
	3300-3700K	580	10	58
	3700-4300K	610	10	61
	4700-5300K	590	10	59
	5700-6300K	590	10	59

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



### End Cap & Cable Lead Option

#### Integral End Cap (IP67)



Front Cable Entry    Side Cable Entry    Bottom Cable Entry    Closed End Cap

#### Combined End Cap (IP67)



Front Cable Entry    Side Cable Entry    Bottom Cable Entry    Closed End Cap

#### Solder Free End Cap Without Screws (IP67)



Front Cable Entry    Side Cable Entry    Bottom Cable Entry    Closed End Cap

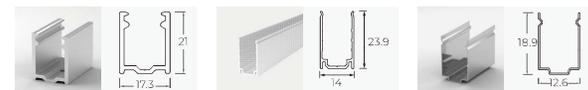
#### Silicone End Cap (IP67)



Front Cable Entry    Side Cable Entry    Bottom Cable Entry    Closed End Cap



### Accessories



Aluminium Mounting clips Length: 2cm    Aluminium Profile Length: 1m/2m/3m    Stainless Steel Mounting clips Length: 2cm