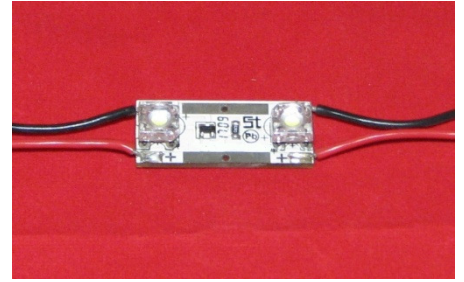


## Description

'Chain led 12V' is a led chain that specifically designed for backlight lighting in signage and cove lighting. It can curve around corners with ease. 'Chain LED 12V' has a high module to module consistency for uniform spot free illumination. Let the LED module be closest to the power supply or farthest, the in-built IC based current control causes each LED to illuminate with the same brightness. Built in IC also provides surge protection to the LED's. These modules can also be encapsulated to give it waterproof construction.



## The STANESH edge

- Nichia Japan LED's
- Wide beam angle for uniform light output
- IC based current regulation allows wide operating voltage range
- Customer specified module spacing and length
- Termination with connector of customer choice

## Available Types

Part No.	Colour Temp. (K)
Chain LED 12V 3000K	Warm White (3000K)
Chain LED 12V 4000K	Warm White (4000K)
Chain LED 12V 5000K	Neutral White (5000K)
Chain LED 12V 6000K	Cool White (6000K)
Chain LED 12V 7000K+	Cool White (>7000K)
Chain LED 12V Blue	Blue (470nm)
Chain LED 12V Cyan	Cyan (505nm)
Chain LED 12V Green	Green (530nm)
Chain LED 12V Amber	Amber (590nm)
Chain LED 12V Red- Orange	Red-Orange (615nm)
Chain LED 12V Red	Red (630nm)

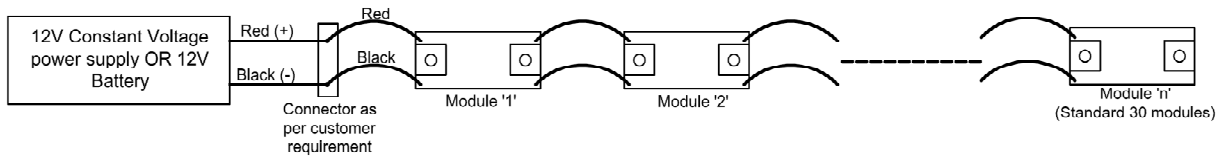
Chain LED 12V  
(Model No)

□□□□
3000K
4000K
5000K
6000K
>7000K
Blue
Cyan
Green
Amber
Red-Or
Red

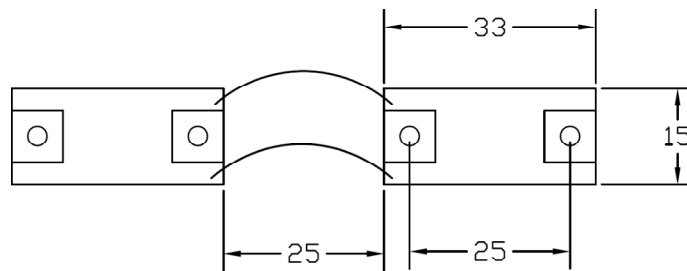
Above models are also available in epoxy encapsulated IP65 construction with provision for screw mounting.

## Electrical Specifications

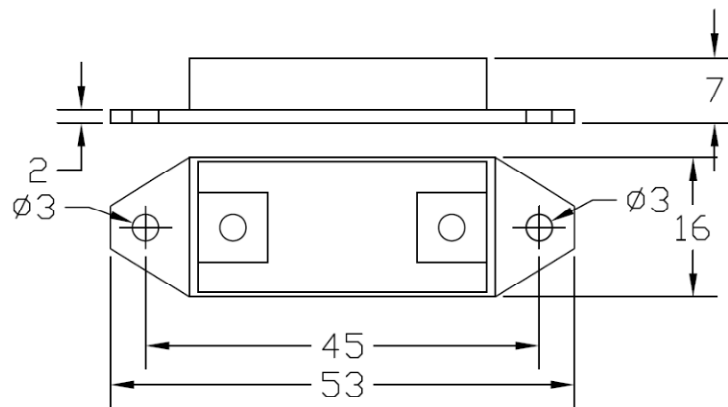
Symbol	Description	Typical	Unit
$V_{dcmin}$	Nominal DC Input operating voltage	10.0	V
$V_{dcnom}$	Nominal DC Input operating voltage	12.0	V
$V_{dcmax}$	Maximum DC Input o voltage	18.0	V
$I_{nom}$	DC Input current per module	30	mA
$P_{innom}$	Power	0.3	W
$t_a$	Ambient Temperature	40	°C
$t_c$	Rated maximum temperature	70	°C

**Connection Diagram****Mechanical Specifications**

(All dimensions are in mm)



Dimensions for bare PCB Chain



Dimensions for epoxy encapsulated chain