

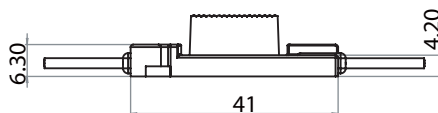
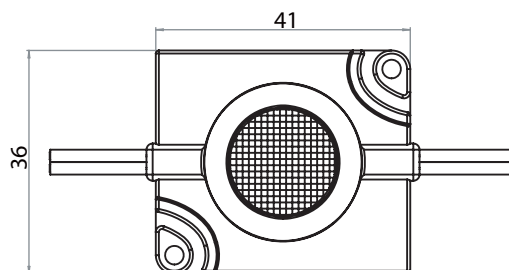
### THE PREMIERE LIGHTING SOLUTION FOR DOUBLE-SIDED SIGNAGE



- Guaranteed life time up to 42,500 hours with 70% lighting output  
\*24 hour constant load may result less operating hours with lower lighting output. Estimated lifetime is based on normal usage of 10 hours per day.
- Cut and rejoin each piece
- Efficient built-in current regulation for stabilized and uniform luminous flux
- Built-in patent pending leadwire holder for flexible installation and save time to tie
- Ideal viewing angle for double-sided signage : 20° X 45°
- Fully integrated Aluminum heat sink for optimal heat dissipation
- Flexible chain comprising of 20 modules

#### PHISICAL

Length : 41mm  
Width : 36mm  
Thickness : 6.3mm  
Weight : 15g  
Module Pitch : 200mm



#### OPTICAL CHARACTERISTICS

Available Color	Luminous Flux (lm)			Color Temperature			Viewing Angle 2Θ <sub>1/2</sub>
	Min	Typical	Max	Min	Typical	Max	
Cool White	200	220	240	6,300K		8,000K	20x45
Daylight White	200	220	240	5,000K		5,700K	20x45
Neutral White	180	200	220	3,700K		4,500K	20x45
Warm White	180	200	220	2,800K		3,200K	20x45

\*Dominant wavelength is derived from the CIE 1931 Chromaticity diagram and represents the perceived color  
\*Luminous Flux measuring equipment is CAS140B / \*CCT 5% tester tolerance

# Specifications

## STAR L040 1P

### ELECTRICAL CHARACTERISTICS

Current dissipation : 170mA/2.0W, 200mA/2.4W  
 Power Consumption : 2.0W/2.4W  
 Quantity for maximum connection in serial : 20 modules  
 Operating power : DC 12V  
 IC Chip-on-board current regulation

### THERMAL

Cooling : Aluminum heatsink  
 Operating temperature : -20~50°C  
 Storage temperature : -20~60°C

### SAFETY FEATURES

IP65 : Prevents water & dust penetration

### CONSTRUCTION

LED Lamp : 3535 package  
 Lens : PMMA  
 Body : ABS  
 PCB : Aluminum  
 Lead wire : AWG18  
 Both sides adhesive tapes on back and mechanical fastening

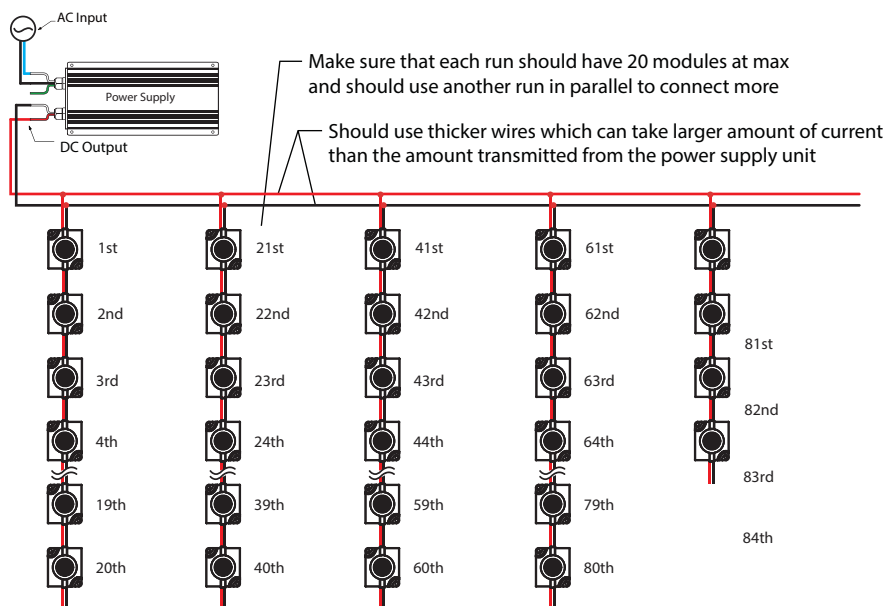
### APPLICATIONS

Specially good for Single or Double sided light cabinet  
 Bus Shelter Signage  
 Menu Boards  
 Movie Poster

### APPROVAL

EN 55015/A2 : 2009  
 EN 61547/2009  
 EN 62031/2008 +A1 : 2013 +A2 : 2015  
 EN 62471/2006  
 UL879-U.S Standard for Electric Sign Components  
 C22.2 No. 207-M89-Canadian Standard for Portable and Stationary Electric Signs and Displays

### WIRING GUIDE



### PACKAGING

Inner bag : 20modules(4.0meter, 13.12feet)  
 Master carton box : 200modules(10 inner bags, 40.0meter, 131.23feet)

*Specifications subject to change without notice*