



**SIGN LIGHTING AUSTRALIA**  
web: signlighting.com.au

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suppliers of Acrylic Edge-Lighting systems and LED lighting for signage

**Product Features:**

Part Number: **7030W1B**



- 1) Osram 3.0 Watt as the light source- Super Luminous Flux
- 2) Rectangular beam angle and evenly spread light
- 3) Lower Light decay and longer life span up to 50,000 hrs
- 4) Lower Cost / High performance & color uniformity
- 5) Low operating Voltage, energy saving, and environmentally friendly
- 6) Suitable for illumination of Light boxes- Both single and double sided.
- 7) Light is emitted from the Edges of the Light-box
- 8) Waterproof- > IP65 ? Fire retardant (VO class)
- 9) Easy installation and maintenance free. Has a metal frame for heat dissipation

**Match to Power Supply-12V:**

≤ 6 pcs	18W
≤ 9 pcs	30W
≤ 18 pcs	60W
≤ 30 pcs	100W
≤ 45 pcs	150W
≤ 60 pcs	200W

**Specification:**

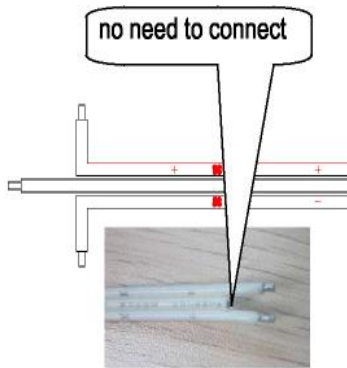
LED Type:	smd Osram 3.0 Watt - HP specially designed for Edge Lighting
Colour:	<b>White</b>

**Luminous Flux (lm / LED)**

<b>White</b>
<b>245 Lumens</b>

**Color Temp (kelvin)**

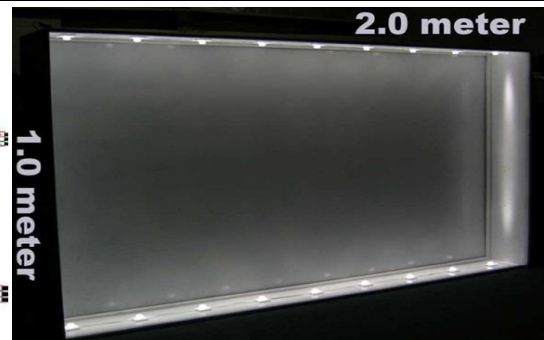
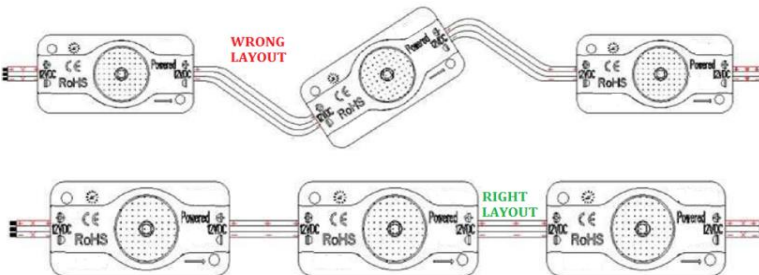
<b>White</b>
<b>6350K ~ 7000K</b>



Light Angle (2θ <sub>1/2</sub> ):	56°X 12°
No' of LEDs per Module	1
Working Voltage:	12V DC
Power:	Power Consumption = 2.8W / module - 42 W / chain
Driving method:	<b>Constant current</b>
Wires:	Grey: Positive; White: Negative
No' of modules / chain:	15 - can be cut every 3 modules
Max no' modules in series	21
Length of Chain:	2.7 Metres
Distance between modules:	18.0 cm
Shell Material:	ABS grease white
Module dimensions:	70mm(L)* 30mm(w)* 15mm(H)
Installation:	Screw / Thermal conductive 3M double sided tape
Working Temp:	-40°C ~+60°C
Storage Temp:	-50°C ~+80°C
IP Rating:	Waterproof - IP65
Warranty:	5 Years / 35,000 hours

<b>RoHS</b>	VO Classified
	UL Listed
	Age Tested
<b>CE</b>	Caution: ESD sensitive

**Module dimensions: (unit: mm)**



**LED chains are cuttable every three modules. They must be used in groups of three. They can only be cut, between the modules where the red lines and sizzor logos are**



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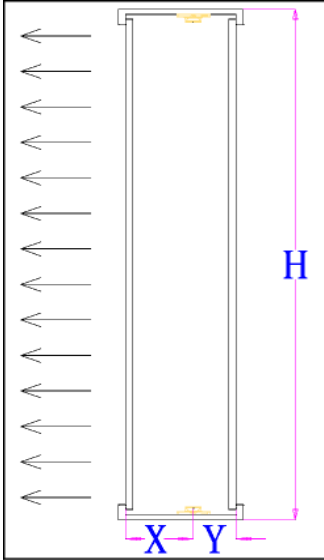
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### Installation Guide

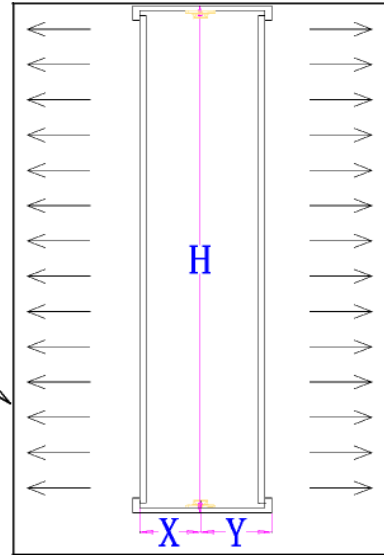
SINGLE SIDED



Installation guide of single side illumination  
 $X \geq 80\text{mm}$ ,  $Y \geq 0\text{ mm}$ ,  $H \leq 2000\text{mm}$

Installation guide of double-side illumination  
 $X \geq 100\text{mm}$ ,  $Y \geq 100\text{mm}$ ,  $H \leq 2000\text{mm}$

DOUBLE SIDED



**Note:**

For Light Boxes less than 600mm high- Apply LEDs Top **OR** bottom only  
For Light Boxes between 600mm and 1000mm high - Apply LEDs Top **AND** bottom  
For Light Boxes more than 1000mm high - Apply LEDs Top, Bottom, and Both Ends  
**To determine qty required, please contact us directly with Light Box dimensions**

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