

### Product Features:

- 1) 3528 SMD Everlight as the light source- A super Luminous Flux
- 2) Large Viewing angle with even light shadow  $\geq 120^\circ$
- 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 Backlighting channel letters and Light boxes.
- 7) Suitable for Accent and Edge Lighting
- 8) Waterproof: > IP65
- 9) Easy installation and maintenance free

**Part Number: 7815W6B**



### No' of LEDs per sq Meter

Depth of Light-box	Quantity P/Meter <sup>2</sup>
80~120mm	100 pcs
130~160mm	50 pcs
170~250mm	35 pcs

### Colours available

R / G / B / Y / WW (special order times apply)

### Specification:

LED Type:	smd 3528 Everlight - specially designed for Outdoor use					
Colour:	White					
luminosity (mcd/LED)				Luminous Flux (L / LED)		
Red	Green	Blue	Yellow	White	Warm White	
900~1100	1400~1600	500~600	700~900	7.5~8 / 42	6.5~7	
Wavelength Scope (nm)				Color Temp (kelvin)		
Red	Green	Blue	Yellow	White	Warm White	
619~635	512~528	463~475	584~595	6000K ~ 7000K	2800K~3500K	

### Match to Power Supply-12V:

$\leq 32$ pcs	18W
$\leq 53$ pcs	30W
$\leq 106$ pcs	60W
$\leq 177$ pcs	100W
$\leq 266$ pcs	150W
$\leq 354$ pcs	200W

Light Angle ( $2\theta_{1/2}$ ):	$\geq 120^\circ$
No' of LEDs per Module	6
Working Voltage:	12V DC
Power:	Max power use = .48 / module - 9.2 W / chain
Driving method:	Constant Voltage
Wires:	Grey: Positive; White: Negative
No' of modules / chain:	20
Max no' modules in series	25
Length of Chain:	3.250 Metres
Distance between modules:	8.0 cm
Shell Material:	ABS grease white
Module dimensions:	78mm(L)* 15mm(w)* 7mm(H)
Installation:	Screw / 3M double sided tape: 75mm(L)*12mm(W)*0.2mm
Working Temp:	-40°C ~+60°C
Storage Temp:	-50°C ~+80°C
IP Rating:	Waterproof - IP65
Warranty:	5 Years / 35,000 hours

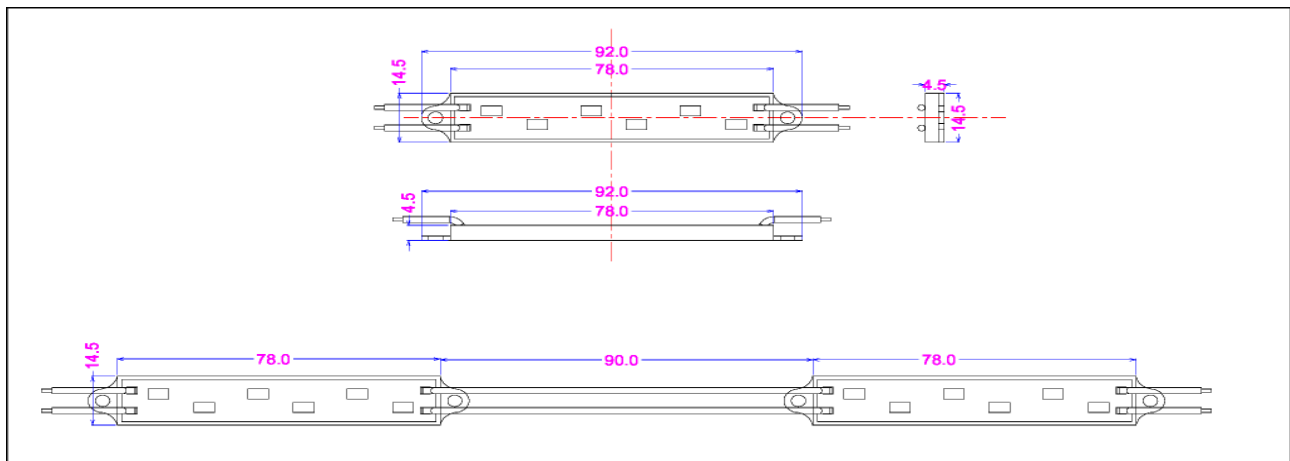
**RoHS**

VO Classified  
UL Listed

**CE**

Age Tested  
Caution: ESD sensitive

### Module dimensions: (unit: mm)



For more information visit: [www.Signlighting.com.au](http://www.Signlighting.com.au)