

Best for 50-150 mm depth light  
boxes and channel letters



1.5W High Power LED MODULE

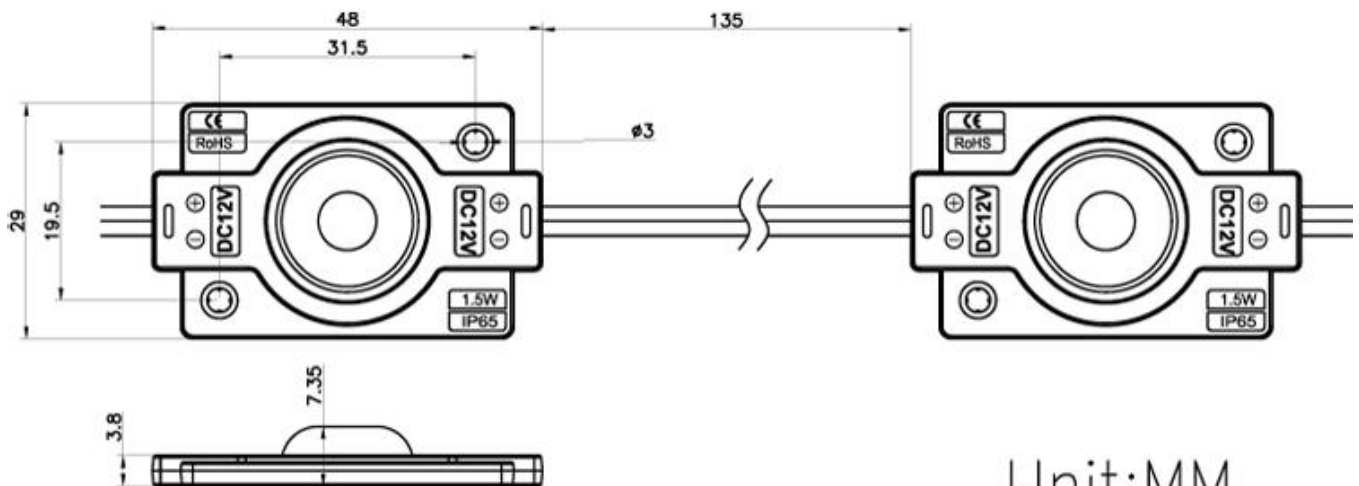
## Feature

- Constant Current Technology (CCT), 20pcs per series
- The exposed Aluminum plate for heat dissipation
- Injection molding process, Waterproof: IP 65
- Powered by EMC 3030 SMD LED with high quality
- Energy saving, Environment friendly
- Long life span

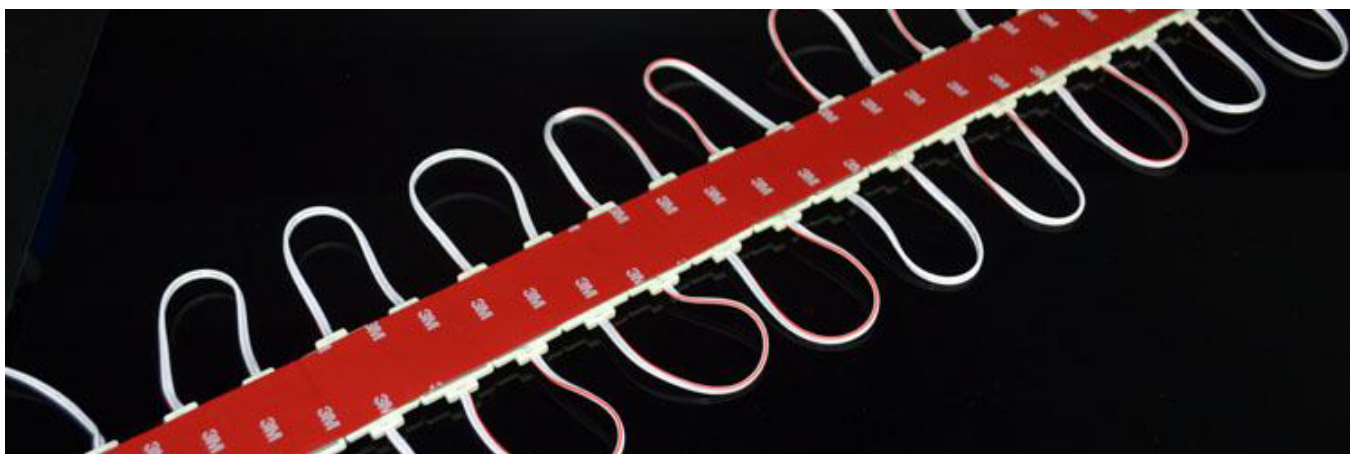
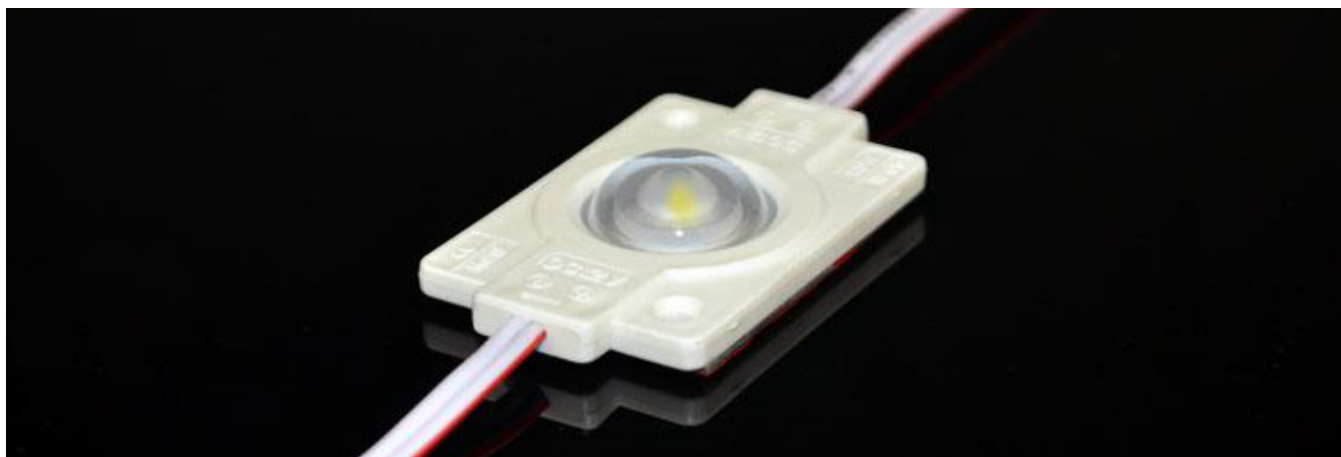
## Application

- Channel letter lighting
- Commercial standing lighting
- Letter background lighting
- Light box lighting
- Logo lighting
- Line/shape lighting

## Product Sketch



Product Picture

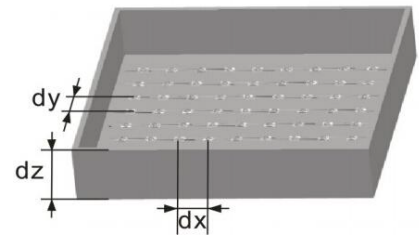


## Technical Parameter

Part No.:	OP-HSM4028-1	
LED Type:	<b>EMC 3030 LED</b>	
LED Quantity:	<b>1pcs</b>	
Viewing angle:	160°	
Lifespan:	50000hrs	
Single LED Brightness /Luminous (lm):	<b>120-140LM</b>	
Available emitting Color:	Warm white:3000-3500K, Pure white:6000-7000K , Cool white:9000-10000K	
Working Voltage	DC12V	
Rated Power	<b>1.44W</b>	
IP rank	IP65	
Driving Way	Constant Current	
Connect	Red and white wire, Red wire is Anode, White wire is Negative electrode, 15CM long,26*0.16 20AWG ULE328945	
Standard Connection Quantity	20pcs	
Max in serial connection	≤30pcs	
Material	Anti-static, Anti-UV,ABS+PC lens cover+Aluminum PCB	
Dimension	48*29*7.4mm	
Appearance Color	white	
Fixed Method	Screw	M3*15 Screw
	Tape	3M
Working Temperature	-20 ~ +60	
Storage Temperature	-30 ~ +60	
Storage Environment	Indoor ventilation, Air should be no corrosive gas, and avoid direct sunlight	

## Installation Reference Scheme

Depth(/mm)	Distance (mm)	Density(pcs/m <sup>2</sup> )	Illumination(lux)
100	dx=100 dy=100	100	2100-2500
120	dx=120 dy=120	69	1400-1600
150	dx=150 dy=150	44	1200-1500



### Remark:

1. The test is done with single-sided light box with 28% luminous transmittance 3M P2 white advertising fabric.
2. The above luminescent data is the data with uniform surface illumination under this depth.
3. The above data is for reference only.