



80-140mm



6500K



120lm



1W



IP67



5 year warranty

## Features & benefits

- Prism optical lens,
- Lumileds LED 2835
- Efficiency up to 120 lm/W
- MacAdam step 3
- Aluminum pcb design
- Finger-lift 3M adhesive
- 5 years Warranty

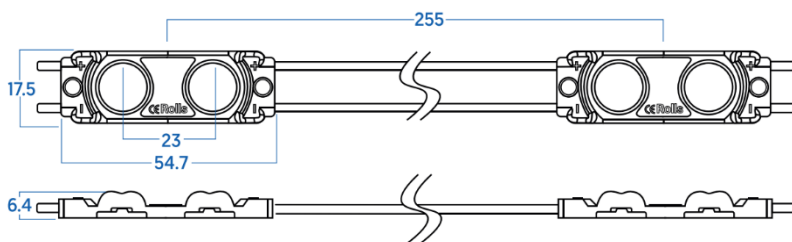
## Application

- Mid-size channel letters illumination
- Back light single side lighting box
- Recommended depth 60 – 150 mm

## Environment and Application condition

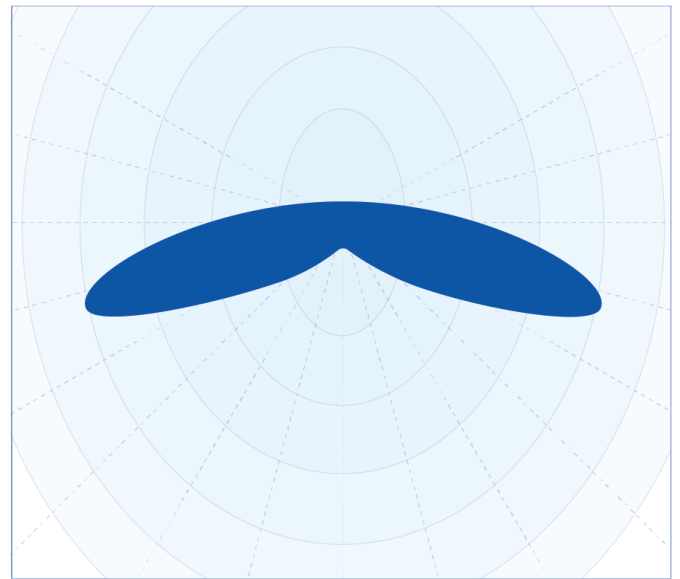
Operation temperature:	-25°C~60°C
Storage temperature:	-40°C~60°C
IP Rate:	IP67
Color Rendering Index	>80
Distance (Center/Center)	255mm
Color Temperature (CCT)	6500K
Beam Angle:	170° degree
Typical Luminous Flux (Lumen/module)	120
Dimension	54.7*17.5*6.8 mm
QTY in Cain/Bag/Box	20pcs/100pcs/2000pcs
Chip Brand	Lumileds
Certification:	CE and RoHS compliant
Life time:	50,000hrs (L80)
Warranty:	5 Years

Dimensions (mm):



Model: LM-2100-CW

Light distribution graph



## Module Positions

(Approximate indications L1000 X W1000mm)

Light box Depth	X	Y	Density (Pcs/m <sup>2</sup> )	Brightness (Lumen/m <sup>2</sup> )	Power (W/m <sup>2</sup> )
80mm	100	100	10x10	12200	100
100mm	170	160	6x6	4392	36
120mm	170	200	6x5	3660	30
150mm	170	260	6x4	2928	24

## Note:

- X indicates the horizontal center spacing between modules
- Y indicates the longitudinal center spacing between modules
- The exact number of modules depend on the used material and the effects you want to achieve
- Light amount provided before front cover (Plexiglass)