

# LEMLUX



120-400 mm



6500K



240lm



2W



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

- Small size Channel letters illumination
- Back light single side lighting box
- Recommended depth 120-400 mm

## Environment and Application condition

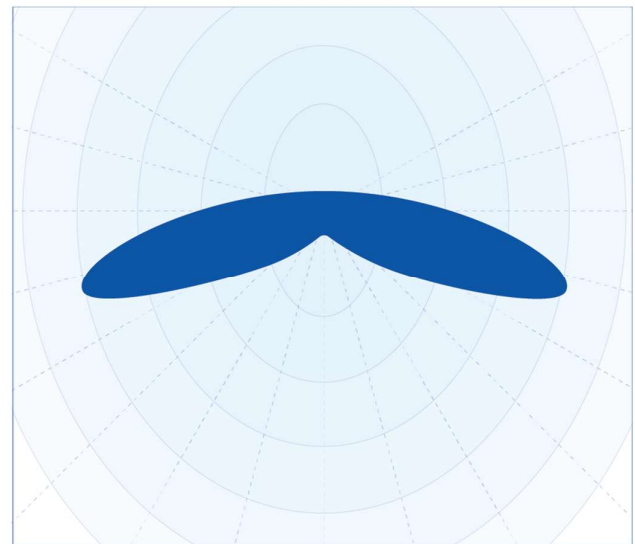
|                                      |                       |
|--------------------------------------|-----------------------|
| Operation temperature:               | -25°C~60°C            |
| Storage temperature:                 | -40°C~60°C            |
| IP Rate:                             | IP67                  |
| Color Rendering Index                | >80                   |
| Distance (Center/Center)             | 310mm                 |
| Color Temperature (CCT)              | 6500K                 |
| Beam Angle:                          | 170°degree            |
| Typical Luminous Flux (Lumen/module) | 240                   |
| Dimension                            | 43*45*8 mm            |
| QTY in Chain/Bag/Box                 | 20pcs/100pcs/1000     |
| Chip Brand                           | Lumileds              |
| Certification:                       | CE and RoHS compliant |
| Life time:                           | 50,000hrs (L80)       |
| Warranty:                            | 5 Years               |

Model:

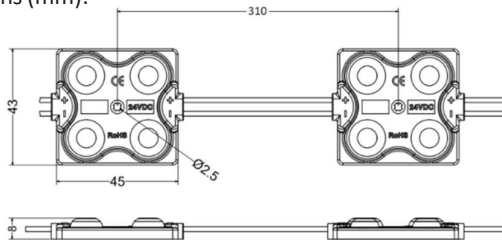
12V: LM-4200-CW

24V: LM-4200-CW-24V

Light distribution graph



Dimensions (mm):



## 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> ) |
|-----------------|-----|-----|-------------------------------|------------------------------------|---------------------------|
| 150mm           | 200 | 200 | 25                            | 6000                               | 50                        |
| 220mm           | 210 | 250 | 20                            | 4800                               | 40                        |
| 300mm           | 210 | 300 | 16                            | 3840                               | 32                        |

## 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)