

## MicoLite LED Backlight Module

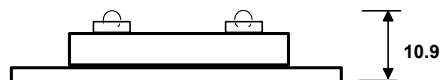
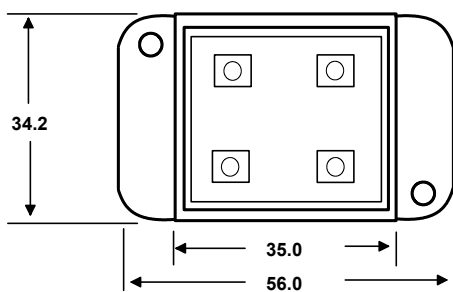
## LG-CLM series

### Features

- Designed for Channel letter Sign Backlighting
- Available in Red, Yellow, Green, Blue and White
- IP 67 Rated for outdoor use
- Low voltage operation
- Energy saving
- Long life
- Low Heat generation
- Supplied as 25 units pre-connected



### Package Dimensions



Dimensions are in mm

### Absolute Maximum Ratings @ Ta=25°C

Parameter	Symbol	Ratings
Operating Voltage Red, Yellow, Orange	V <sub>in</sub>	12v dc
Power consumption/module	W	0.48W
Operating Voltage Green, Blue, White	V <sub>in</sub>	15v dc
Power consumption/module	W	0.60W
Operating Temperature Range	T <sub>opr</sub>	-30° to +80°C
Storage Temperature Range	T <sub>sto</sub>	-55° to +100°C

### Electro-optical characteristics @ Ta=25°C

Part No.	Colour	Voltage dc	Power Watts	Luminous Intensity cd/m <sup>2</sup>	Wavelength (nm)	Angle degrees
LG-CLM100-RH-12D	Red	12	0.48	300	630	50
LG-CLM100-YH-12D	Yellow	12	0.48	300	590	50
LG-CLM100-E-12D	Orange	12	0.48	250	605	50
LG-CLM100-GM-15D	Green	15	0.6	350	525	50
LG-CLM100-B-15D	Blue	15	0.6	200	470	50
LG-CLM100-W-15D	White	15	0.6	300	x=0.31, y=0.31	50

#### Notes:

Micolite may be configured to customer requirements  
We offer a range of electronic drivers designed to suit LED clusters.  
Specifications may be subject to change without notice