

MINI ZERO



ITEM DESCRIPTION

MINI ZERO is an ultra-compact 12V LED module designed for narrow and shallow channel letters (30–100 mm depth). Despite its tiny size (13.3 × 6.4 × 7.8 mm), it delivers high efficacy up to 165 lm/W and is available in a full range of whites (3000K–7100K), as well as red, green, and blue. Key features include IP67 protection, CRI 70, 3 SDCM binning, and a wide 140° beam angle for uniform illumination. With just 0.2 W per module, MINI ZERO offers energy-efficient, reliable lighting for compact signage applications.

APPLICATION

- Shallow depth narrow channel letters
- Recommended depth 30 – 100 mm

FEATURES & BENEFITS

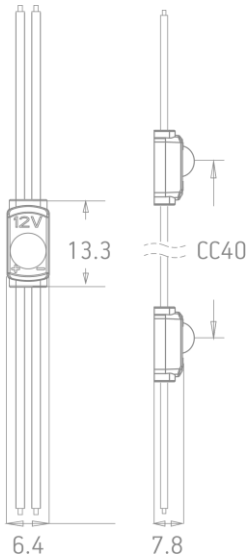
- Extremely small size
- Efficacy up to 165 lm/W
- Compact design
- IP67 protection class
- 5-year warranty



GENERAL SPECIFICATIONS

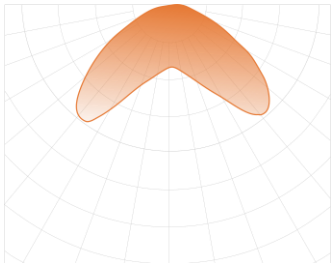
SUPPLY VOLTAGE	12 VDC
POWER	0.2 W
CRI	70
RECOMMENDED DEPTH	From 30 to 100 mm
CC DISTANCE	40 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-25 °C ~ +55 °C
STORAGE TEMPERATURE	-40 °C ~ +85 °C
STORAGE CONDITIONS	Relative humidity <60%
IP CLASS	IP67
CERTIFICATION	CE, RoHS and UKCA compliant
LIFETIME	L70 50,000 h
WARRANTY	5 years*

*Warranty is applied only and if storage, mounting and maintenance conditions, stated in the installation guide, are followed.



Dimensions are in mm

LIGHT DISTRIBUTION GRAPH



Beam angle: 140°

ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT	COLOUR TEMP.
BMP-MZ1-730E0.20	0.2	30	3000K
BMP-MZ1-740E0.20	0.2	30	4000K
BMP-MZ1-750E0.20	0.2	33	5000K
BMP-MZ1-765E0.20	0.2	33	6500K
BMP-MZ1-771E0.20	0.2	33	7100K
BMP-MZ1-RE0.20	0.2	3.5	red (620-625 nm)
BMP-MZ1-GE0.20	0.2	15	green (520-525 nm)
BMP-MZ1-BE0.20	0.2	3	blue (465-470 nm)

NOTE: Modules are sold in full bags only, with a minimum order of one bag.

ORDERING QUANTITY

CHAIN	BAG	BOX
100 pcs.	100 pcs.	5000 pcs.