

# CHALLENGER-3



## ITEM DESCRIPTION

Combining our best know-how and top-of-the-line LEDs, the new, extremely competitive Challenger series is here to challenge the market with unmatched quality at an unbeatable price. It is perfect solution to illuminate from middle-depth to deep letters and single-sided lightboxes with depth ranging from 100 to 240 mm. Challenger modules have a lifetime of L80 70 000 h and a 5-year warranty.

Forge a new path for your signage needs with Challengers, where unparalleled quality meets affordability head-on.

## APPLICATION

- Channel letters signs and light boxes
- Recommended depth 100 – 240 mm

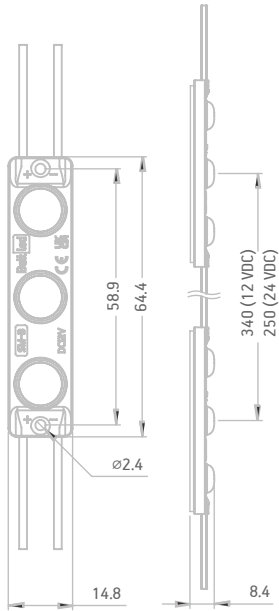
## FEATURES & BENEFITS

- Compact design
- Efficiency up to 110 lm/W
- IP67 protection class
- 5-year warranty

## GENERAL SPECIFICATIONS

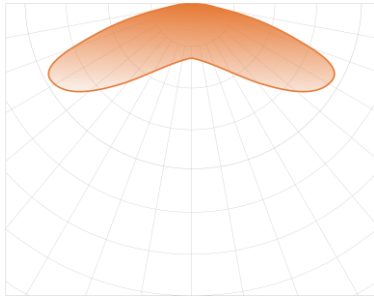
SUPPLY VOLTAGE	12 VDC   24 VDC
POWER	1.1 W   1.2 W   1.5W
RECOMMENDED DEPTH	From 100 to 240 mm
CC DISTANCE	250 mm   340 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-30°C ~ +60°C
STORAGE CONDITIONS	Relative humidity <60%
CERTIFICATION	CE, UKCA, RoHS compliant
LIFETIME	L80 70,000 h
IP CLASS	IP 67
WARRANTY	5 years (24/7)*

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



\* Dimensions in millimeters

## LIGHT DISTRIBUTION GRAPH



Beam angle: 160°

## ORDERING INFORMATION

SKU	SUPPLY VOLTAGE	POWER	CC DISTANCE	LUMEN OUTPUT	COLOUR TEMP.
BMP-M3-03UH160CW150	12 VDC	1.5 W	340 mm	174 lm	6500 K
BMP-M3-03UH160NW150		1.5 W	340 mm	171 lm	4000 K
BMP-M3-03UH160WW150		1.5 W	340 mm	164 lm	3000 K
BMP-M3-03UH160R150	24 VDC	1.2 W	340 mm	42 lm	RED
BMP-M3-03UH160CW110-24V		1.1 W	250 mm	128 lm	6500 K
BMP-M3-03UH160NW110-24V		1.1 W	250 mm	125 lm	4000 K
BMP-M3-03UH160WW110-24V		1.1 W	250 mm	120 lm	3000 K

## PACKAGING INFORMATION

	CHAIN	BAG	BOX
12 VDC	24 pcs	120 pcs	840 pcs
24 VDC	66 pcs	132 pcs	792 pcs