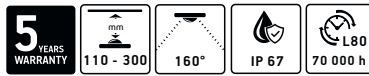


# CHALLENGER-4



## 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 110 to 300 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 110 – 300 mm

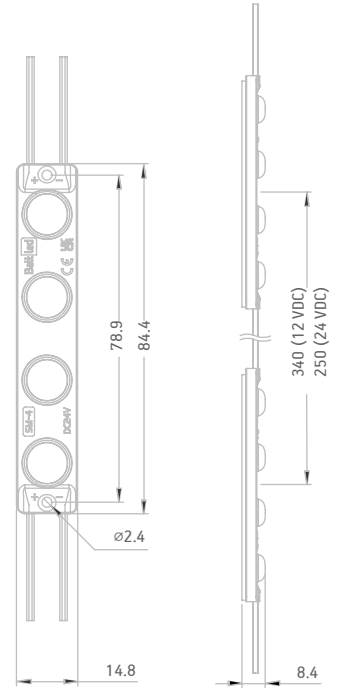
## FEATURES & BENEFITS

- Compact design
- Efficiency up to 119 lm/W
- IP67 protection class
- 5-year warranty

## GENERAL SPECIFICATIONS

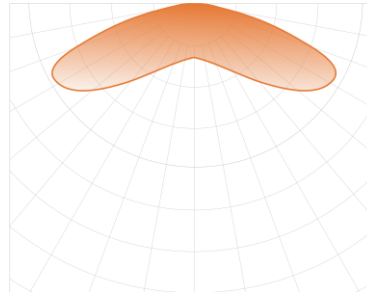
SUPPLY VOLTAGE	12 VDC   24 VDC
POWER	1.4 W   2.0 W
RECOMMENDED DEPTH	From 110 to 300 mm
CC DISTANCE	250 mm   340mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-30°C ~ +60°C
STORAGE CONDITIONS	Relative humidity <60%
CERTIFICATION	CE, UKCA, RoHS compliant
LIFETIME	L80 70,000 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-M4-04UH160CW200		2.0 W	340 mm	233 lm	6500 K
BMP-M4-04UH160NW200	12 VDC	2.0 W	340 mm	228 lm	4000 K
BMP-M4-04UH160WW200		2.0 W	340 mm	219 lm	3000 K
BMP-M4-04UH160CW140-24V		1.4 W	250 mm	166 lm	6500 K
BMP-M4-04UH160NW140-24V	24 VDC	1.4 W	250 mm	163 lm	4000 K
BMP-M4-04UH160WW140-24V		1.4 W	250 mm	156 lm	3000 K

## PACKAGING INFORMATION

	CHAIN	BAG	BOX
12 VDC	20 pcs	100 pcs	700 pcs
24 VDC	50 pcs	100 pcs	600 pcs

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www.baltled.com  
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**baltled**  
signage illumination