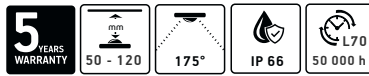


# RAPTOR-0 LITE



## ITEM DESCRIPTION

RAPTOR-0 Lite is designed to deliver efficient, high-quality backlighting in shallow letters and slim sign boxes. Operating at just 0.48 W, RAPTOR-0 Lite achieves up to 102 lm/W - offering a balanced blend of performance and efficiency for projects that demand clean results in tight spaces.

With IP66-rated durability, flexible mounting options, and two lumen levels (49 lm and 98 lm), it's ready for demanding conditions and consistent, everyday use.

## APPLICATION

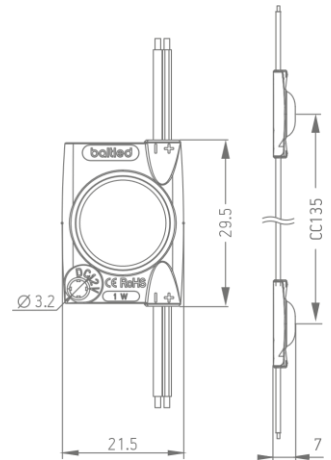
- Shallower channel letters & single-sided lightboxes
- Recommended depth 50-120 mm

## FEATURES & BENEFITS

- Engineered optics for smooth, wide-angle light distribution
- Available in 0.96W and 0.48 W versions
- IP66 protection
- 5 years warranty

## GENERAL SPECIFICATIONS

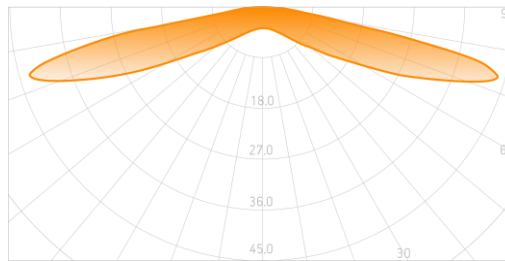
SUPPLY VOLTAGE	12 VDC
POWER	0.96 W   0.48 W
CRI	80
RECOMMENDED DEPTH	from 50 to 120 mm
CC DISTANCE	135 mm
BINNING	3 SDCM
OPERATING TEMPERATURE	-25 °C ~ +60 °C
STORAGE TEMPERATURE	-40 °C ~ +85 °C
STORAGE CONDITIONS	Relative humidity <60%
IP CLASS	IP66
CERTIFICATION	CE, RoHS and UKCA compliant
LIFETIME	L70 50,000 h (0.96 W) L70 60,000 h (0.48 W)
WARRANTY	5 years*



Dimensions are in mm

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

## LIGHT DISTRIBUTION GRAPH



Beam angle: 175°

## ORDERING INFORMATION

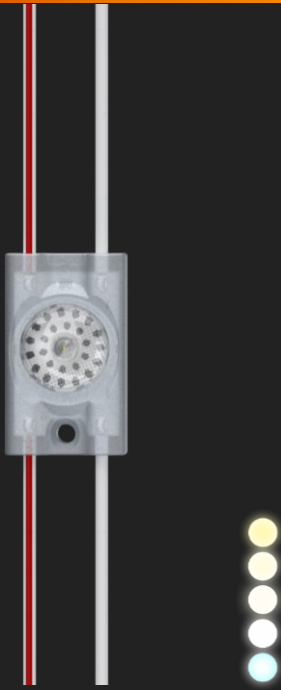
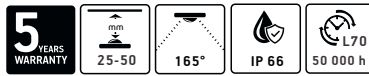
SKU	POWER, W	LUMEN OUTPUT	COLOUR TEMP.
BMP-R0-865E0.96	0.96	98	6500K
BMP-R0-840E0.96	0.96	98	4000K
BMP-R0-830E0.96	0.96	98	3000K
BMP-R0-865E0.48	0.48	49	6500K
BMP-R0-840E0.48	0.48	49	4000K
BMP-R0-830E0.48	0.48	49	3000K

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

## ORDERING QUANTITY

CHAIN	BAG	BOX
30 pcs.	120 pcs.	1200 pcs.

# RAPTOR-1 LITE



## ITEM DESCRIPTION

Raptor-1 Lite is a compact, energy-efficient LED module tailored for ultra-slim signage applications with depths from 25 to 50 mm. A wide 165° beam angle ensures smooth, uniform illumination even in the tightest spaces. Available in color temperatures from 3000K to 7000K, it's the perfect entry-level solution for shallow signage that doesn't compromise on performance.

## APPLICATION

- Channel letters signs and single-sided light boxes
- Recommended depth 25 – 50 mm

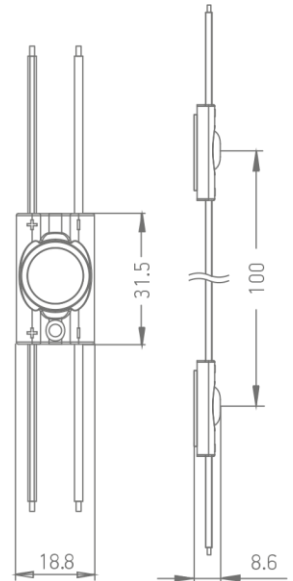
## FEATURES & BENEFITS

- Ultra-thin design for sleek, space-limited applications
- High efficacy reaching 169 lm/w
- 5 years warranty

## GENERAL SPECIFICATIONS

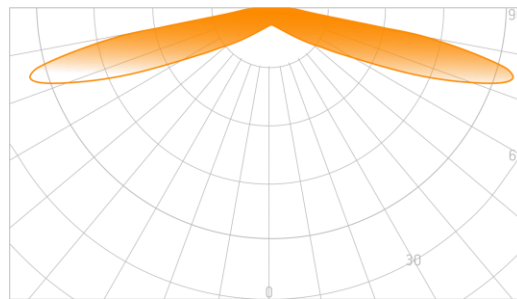
SUPPLY VOLTAGE	12 VDC
POWER	0.36 W
CRI	70
RECOMMENDED DEPTH	from 25 to 50 mm
CC DISTANCE	100 mm
BINNING	4 SDCM
OPERATING TEMPERATURE	-25 °C ~ +60 °C
STORAGE TEMPERATURE	-40 °C ~ +85 °C
STORAGE CONDITIONS	Relative humidity <60%
IP CLASS	IP66
CERTIFICATION	CE, RoHS and UKCA compliant
LIFETIME	L70 50,000 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: 165°

## ORDERING INFORMATION

SKU	POWER, W	LUMEN OUTPUT	COLOUR TEMP.
BMP-RL1-765E0.36	0.36	61	6500K
BMP-RL1-730E0.36	0.36	61	3000K
BMP-RL1-740E0.36	0.36	61	4000K
BMP-RL1-750E0.36	0.36	61	5000K
BMP-RL1-770E0.36	0.36	61	7000K

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

## ORDERING QUANTITY

CHAIN	BAG	BOX
40 pcs.	80 pcs.	1360 pcs.

# RAPTOR-2 LITE



## ITEM DESCRIPTION

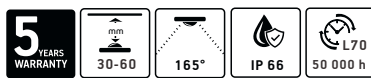
Raptor-2 Lite bridges the gap between efficiency and brightness, making it the go-to module for medium-depth applications. With 0.72 W power and a bright 122-lumen output, it's built to illuminate channel letters and lightboxes ranging from 30 to 60 mm in depth. Available in both 12V and 24V options, Raptor-2 Lite is flexible for different system setups. The ultra-wide 165° beam angle ensures smooth, homogeneous lighting across the surface, even with wider spacing between modules.

## APPLICATION

- Channel letters signs and single-sided light boxes
- Recommended depth 30 – 60 mm

## FEATURES & BENEFITS

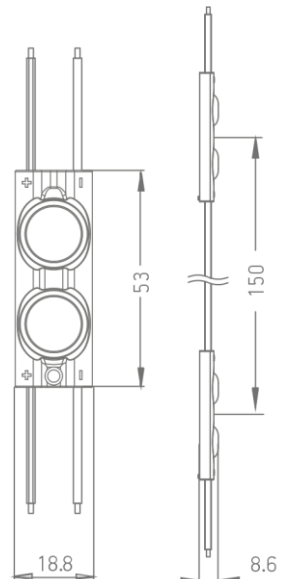
- Dual voltage options: 12V or 24V DC
- High efficacy reaching 169 lm/w
- 5 years warranty



## GENERAL SPECIFICATIONS

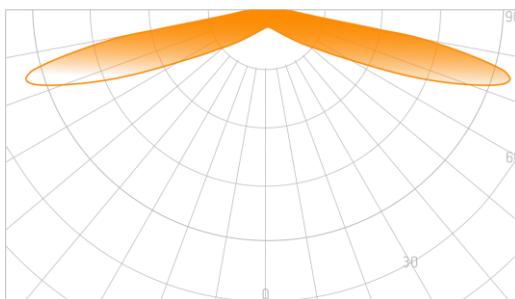
SUPPLY VOLTAGE	12 VDC   24 VDC
POWER	0.72 W
CRI	70
RECOMMENDED DEPTH	from 30 to 60 mm
CC DISTANCE	150 mm
BINNING	4 SDCM
OPERATING TEMPERATURE	-25 °C ~ +60 °C
STORAGE TEMPERATURE	-40 °C ~ +85 °C
STORAGE CONDITIONS	Relative humidity <60%
IP CLASS	IP66
CERTIFICATION	CE, RoHS and UKCA compliant
LIFETIME	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: 165°

## ORDERING INFORMATION

SKU	VOLTAGE	POWER, W	LUMEN OUTPUT	COLOUR TEMP.
BMP-RL2-765E0.72				6500K
BMP-RL2-730E0.72				3000K
BMP-RL2-740E0.72	12 VDC	0.72	122	4000K
BMP-RL2-750E0.72				5000K
BMP-RL2-770E0.72				7000K
BMP-RL2-765E0.72-24				6500K
BMP-RL2-730E0.72-24				3000K
BMP-RL2-740E0.72-24	24 VDC	0.72	122	4000K
BMP-RL2-750E0.72-24				5000K
BMP-RL2-770E0.72-24				7000K

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

## ORDERING QUANTITY

	CHAIN	BAG	BOX
12 VDC	20 pcs.	80 pcs.	800 pcs.
24 VDC	60 pcs.	120 pcs.	720 pcs.

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# RAPTOR-3 LITE



## ITEM DESCRIPTION

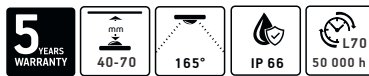
Designed for more demanding signage applications, Raptor-3 Lite delivers impressive performance with 1.08 W power and a high 184-lumen output per module. Ideal for channel letters and lightboxes with 40 to 70 mm depth, it ensures excellent brightness and uniformity thanks to its 165° beam angle. A perfect fit when Raptor-2 Lite isn't quite enough – Raptor-3 Lite adds more punch without sacrificing efficiency or reliability.

## APPLICATION

- Channel letters signs and single-sided light boxes
- Recommended depth 40 – 70 mm

## FEATURES & BENEFITS

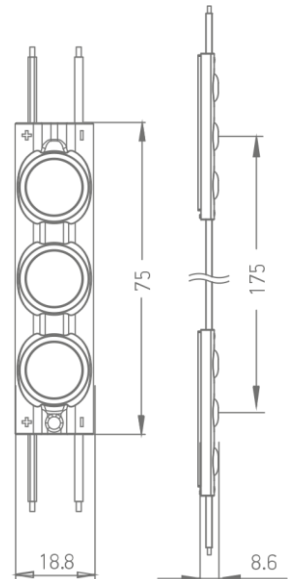
- High output: 184 lm per module
- High efficacy reaching 170 lm/w
- 5 years warranty



## GENERAL SPECIFICATIONS

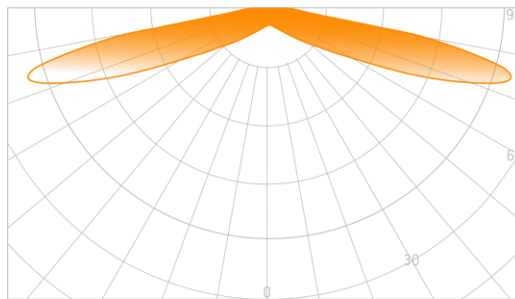
SUPPLY VOLTAGE	12 VDC
POWER	1.08 W
CRI	70
RECOMMENDED DEPTH	from 40 to 70 mm
CC DISTANCE	175 mm
BINNING	4 SDCM
OPERATING TEMPERATURE	-25 °C ~ +60 °C
STORAGE TEMPERATURE	-40°C ~ +85 °C
STORAGE CONDITIONS	Relative humidity <60%
IP CLASS	IP66
CERTIFICATION	CE, RoHS and UKCA compliant
LIFETIME	L70 50,000 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: 165°

## ORDERING INFORMATION

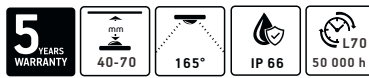
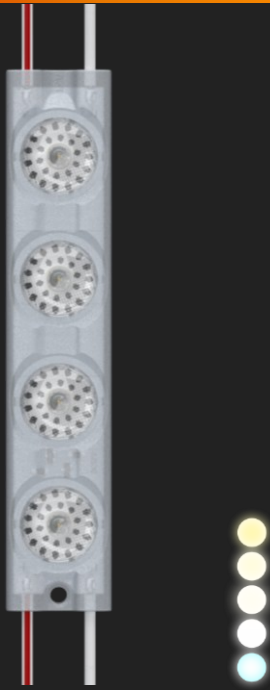
SKU	POWER, W	LUMEN OUTPUT	COLOUR TEMP.
BMP-RL3-765E1.08	1.08	184	6500K

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

## ORDERING QUANTITY

CHAIN	BAG	BOX
20 pcs.	100 pcs.	600 pcs.

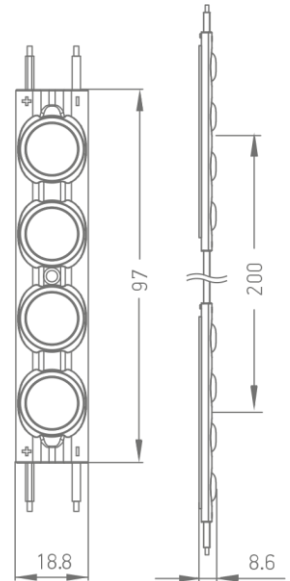
# RAPTOR-4 LITE



## GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	12 VDC   24 VDC
POWER	1.44 W
CRI	70
RECOMMENDED DEPTH	from 40 to 70 mm
CC DISTANCE	200 mm
BINNING	4 SDCM
OPERATING TEMPERATURE	-25 °C ~ +60 °C
STORAGE TEMPERATURE	-40 °C ~ +85 °C
STORAGE CONDITIONS	Relative humidity <60%
IP CLASS	IP66
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

## ITEM DESCRIPTION

Raptor-4 Lite is the most powerful module in the Raptor Lite series. Delivering 245 lumens at 1.44 W, it's perfect for medium to deeper applications with 40 to 70 mm depth. While its uniformity is slightly lower than that of Raptor-3 Lite, Raptor-4 Lite makes up for it with intense output and excellent visual impact. Available in both 12V and 24V versions and a wide range of color temperatures, it offers bold performance in a slim, efficient design.

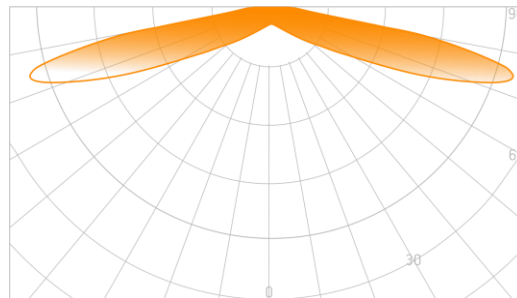
## APPLICATION

- Channel letters signs and single-sided light boxes
- Recommended depth 40 – 70 mm

## FEATURES & BENEFITS

- Ultra-bright: 245 lm per module
- High efficacy reaching 170 lm/w
- 5 years warranty

## LIGHT DISTRIBUTION GRAPH



Beam angle: 165°

## ORDERING INFORMATION

SKU	VOLTAGE	POWER, W	LUMEN OUTPUT	COLOUR TEMP.
BMP-RL4-765E1.44				6500K
BMP-RL4-730E1.44				3000K
BMP-RL4-740E1.44	12 VDC	1.44	245	4000K
BMP-RL4-750E1.44				5000K
BMP-RL4-770E1.44				7000K
BMP-RL4-765E1.44-24				6500K
BMP-RL4-730E1.44-24				3000K
BMP-RL4-740E1.44-24	24 VDC	1.44	245	4000K
BMP-RL4-750E1.44-24				5000K
BMP-RL4-770E1.44-24				7000K

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

## ORDERING QUANTITY

	CHAIN	BAG	BOX
12 VDC	20 pcs.	80 pcs.	480 pcs.
24 VDC	30 pcs.	90 pcs.	630 pcs.

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