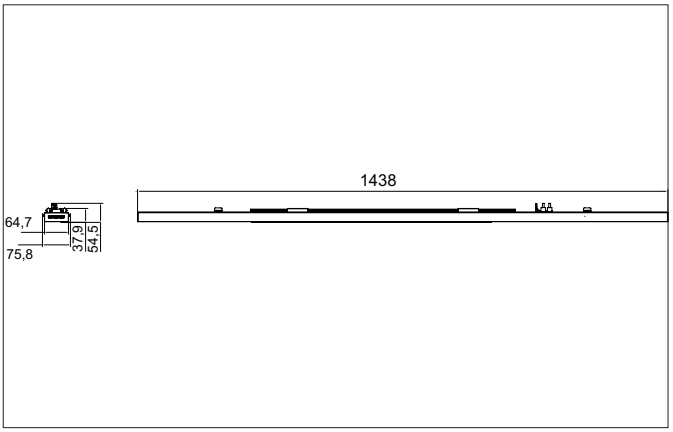
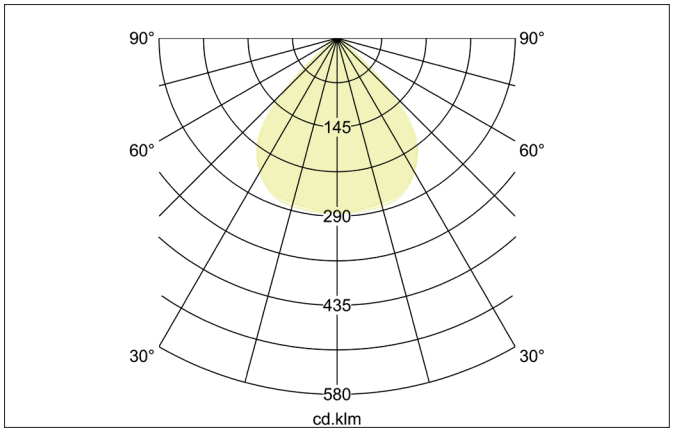
BRUMBERG
Light. Since 1873.

B-LIGHT™ LED device carrier

Article no. 55103074









Tender

LED device carrier, white, Rectangular. Compact design for harmonious implementation in well-rounded architectural room concepts. LED fixture for a modular, quick-mount continuous lighting system designed for linear lighting in industrial, logistics, and work areas. Torsion-resistant aluminum housing for long-term mechanical stability and optimized heat dissipation; suitable for dimmable operation. Linear lighting unit, designed for smart lighting control. Tool-free installation via an integrated quick-lock mechanism (mechanical latching mechanism) with immediate mechanical fixation and secure electrical contact directly in the aluminum mounting rail. System-compatible with 7-pin and 11-pin SML mounting rails. Luminaire length: 1,438 mm. PMMA lens optics with wide-beam, rotationally symmetric luminous intensity distribution. The 90° beam angle ensures homogeneous surface illumination with high uniformity. Particularly suitable for energy-optimized lighting concepts with directional light distribution. Rated luminous flux 13,800 lm, system efficiency up to ≥ 180 lm/W, rated power approx. 75 W. Light color: neutral white 4,000 K, general color rendering index (CRI) > 80. Electronic ballast switchable (ON/OFF). Housing material: aluminum, color: white (RAL 9016). Protection class I according to EN 61140, protection rating IP20 according to DIN EN 60529., Lamp holder: Without fitting, Mounting method: Surface mounting, Place of installation: Ceiling-mounted, Material: Aluminium, Degree of protection: (DIN EN 60529) IP20, Protection class: (DIN EN 61140) I, Voltage: 230V AC 50Hz/60Hz, Power: 75 W, Amount of light sources / fittings: 1 piece, Luminous flux: 13.800 lm, Colour temperature: 4.000 K, Light colour: white, Beam angle: 90°, Adjustability: Not adjustable, With control gear: Yes, Dimmable: No, Type of dimming: on/off.

All technical data as well as, weight and measurements are based on rated values and had been carefully prepared. We reserve the right to make technical changes which are are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
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Product Benefits

- LED gear tray with torsion-resistant aluminum housing for lasting mechanical stability
  stability and efficient dissipation of operating heat during system operation
- Linear luminaire unit for quick-mounting continuous-row lighting systems, designed for continuous
  operation in industrial and functional buildings
- Tool-free installation using integrated quick-locking mechanism (mechanical latching mechanism);
  Immediate mechanical fixing and secure electrical contacting directly in the aluminum mounting rail
  mounting rail
- Fully compatible with 7-pole and 11-pole SML trunking rails
- Luminaire length 1,438 mm
- PMMA lens optics with wide-beam, rotationally symmetrical light distribution.
  The 90° beam angle ensures homogeneous surface illumination with high uniformity.
  Typical applications: General lighting of halls, logistics areas, production and storage areas
  without pronounced directional orientation.
- Particularly suitable for energy-optimized lighting concepts with directional light distribution.
- Rated luminous flux 13,800 lm
- High system efficiency up to ≥ 180 lm/W
- Rated power approx. 75 W
- Light color neutral white, 4,000 K
- General color rendering index CRI > 80
- Electronic control gear, switchable (ON/OFF)
- Housing material aluminum, color white (RAL 9016)
- Protection class I in accordance with EN 61140
- Protection class IP20 in accordance with DIN EN 60529

Article data	
Article no.	55103074
GTIN	4255752527213
Series name	B-LIGHT™
Short description	LED device carrier
Material	Aluminium
Colour	white
Type of surface	Smooth
Shape	Rectangular
Length	1,438 mm
Width	64.7 mm
Hight	54.5 mm
Weight	1.438 kg
stamp	ENEC
Conformance	CE, UKCA

Lighting technology	
Colour temperature	4.000 K
Light colour	white
Light output	Direct
Luminous flux	13,800 lm
System efficiency	184 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 80
Luminaire optics	Lens
Reflector	Without
Beam angle	90°
Glare evaluation	UGR < 22
Light sharing	Symmetric
Adjustable color temperature	No

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B-LIGHT™ LED device carrier

Article no. 55103074

Operating technology of the luminaire	
System output	75 W
Voltage type	AC/DC
AC nominal voltage max	230 V
Frequency max	60 Hz
Lamp	LED not changeable
Lamp holder	Without fitting
Protection class	I
Degree of protection	IP20
Ambient temperature	-20°C up to +45°C
Dimmable	No
Control	on/off
Bulb change possible	The light source of this luminaire may only be replaced by the manufacturer or a service technician commissioned by him or a similarly qualified person.
Rated life L80/B10 at 25 °C	50,000 h
Energy efficiency class	not required
Number of operating devices used	1 Qty

Mounting technology	
Mounting method	Surface mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Impact resistance	IK03
Further references	Indoor
Application	Indoor
Cover	PMMA
Suitable for through-wiring	Yes

Packing data	
Gross weight	1635 kg
Length of packaging	1,453 mm
Packaging width	82 mm
Packaging hight	68 mm
Disposal at end of life	This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately. By disposing of electrical waste and other old or defective electronics separately, you support recycling or other forms of re-use. In that way you help to take care and to avoid that harmful substances get into the environment.

Required accessories
Article no.: 55011070 11-pole trunking rail Dimensions: 1,438 mm x 64.7 mm x 45.5 mm https://www.brumberg.com/fileadmin/products/Datenblatt_55011070_2021_DE.pdf
Article no.: 55001070 7-pin mounting rail Dimensions: 1,438 mm x 64.7 mm x 45.5 mm https://www.brumberg.com/fileadmin/products/Datenblatt_55001070_2021_DE.pdf

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