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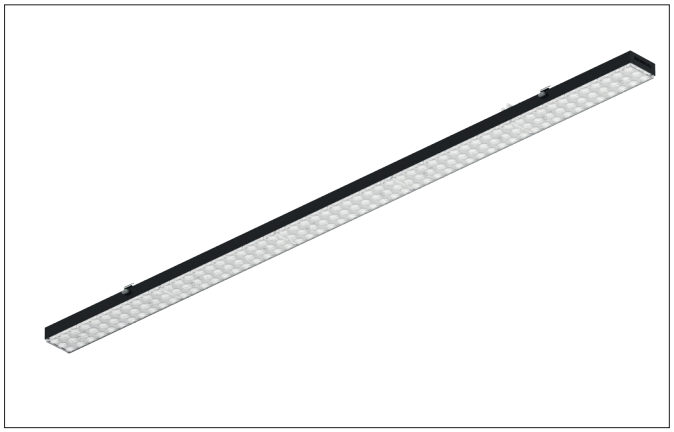
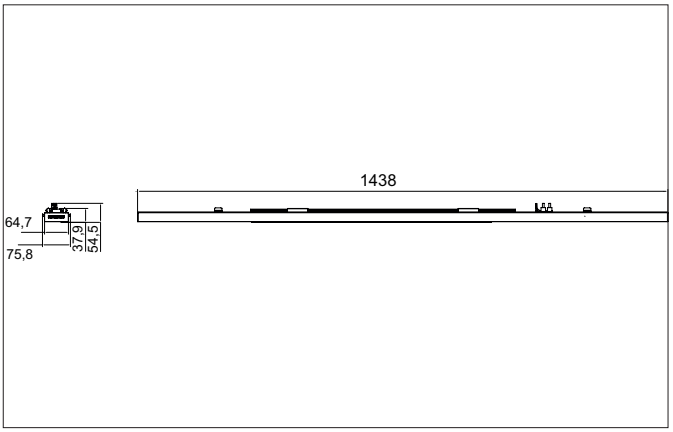
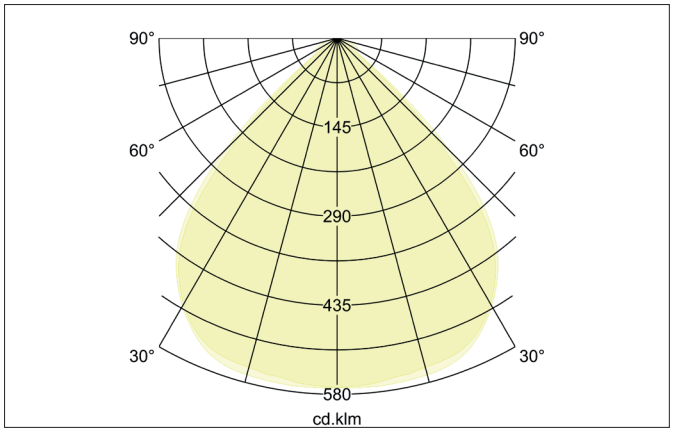
B-LIGHT LED device carrier

Article no. 55103084DA







IP20 IK03 90° 230V

Tender

LED device carrier, Rectangular. Ceiling cut-out Installation depth mm, Length 1.438 mm, Width 64,7 mm, Weight 1,438 kg, with rotatti-onssymmetrical, deep, wide distributed light intensity. Cover PMMALuminous flux 13.500 lm, UGR < 22, Power 1 x 75 W, System Efficiency 180 lm/W, Light colour neutral white to neutral white, Correlated color temprature (CCT) 4.000 - 4.000 K, Colour rendering index CRI > 80, Rated life time L80/B10 at 25 °C: 50.000 h, Housing material: Aluminium, Colour: black, Permissible ambient temperature (ta): -20 °C up to +45 °C, Protection class (EN 61140): I, Degree of protection (DIN EN 60529): IP20, shock resistance according to IEC62262: IK03 .With electronic driver, DALI dimmable. Additionally this luminaire is ENEC-proofed by an independent laboratory.

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 and for optimized heat dissipation with dimmable operation
- Linear luminaire unit for quick-mounting continuous-row lighting systems, prepared for intelligent lighting control
- Tool-free installation using integrated quick-locking mechanism (mechanical latching mechanism); Immediate mechanical fixing and secure electrical contacting directly in the aluminum mounting rail
- System-compatible with 7-pole and 11-pole SML trunking
- Luminaire length 1,438 mm
- PMMA lens optics with wide-beam, rotationally symmetrical light distribution. The 90° beam angle ensures homogeneous area 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 13,500 lm
- High system efficiency up to ≥ 180 lm/W
- Rated wattage approx. 75 W
- Light color neutral white, 4,000 K
- General color rendering index CRI > 80
- Electronic control gear, DALI dimmable (IEC 62386, DT6)
- Housing material aluminum, color black (RAL 9005)
- Protection class I in accordance with EN 61140
- Protection class IP20 in accordance with DIN EN 60529

Article data	
Article no.	55103084DA
GTIN	4255752527367
Series name	B-LIGHT
Short description	LED device carrier
Material	Aluminium
Colour	black
Type of surface	smooth
Shape	Rectangular
Length	1,438 mm
Width	64.7 mm
Hight	48.6 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	13,500 lm
System efficiency	180 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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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 exchangeable
Lamp holder	Without fitting
Protection class	I
Degree of protection	IP20
Ambient temperature	-20°C up to +45°C
Dimmable	Yes
Control	DALI
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 time L80/B10 at 25 °C	50.000 h
Energy efficiency class	not required

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.: 55011080 11-pole trunking rail Dimensions: 1,438 mm x 64.7 mm x 45.5 mm https://www.brumberg.com/fileadmin/products/Datenblatt_55011080_2021_DE.pdf
Article no.: 55001080 7-pin mounting rail Dimensions: 1,438 mm x 64.7 mm x 45.5 mm https://www.brumberg.com/fileadmin/products/Datenblatt_55001080_2021_DE.pdf

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