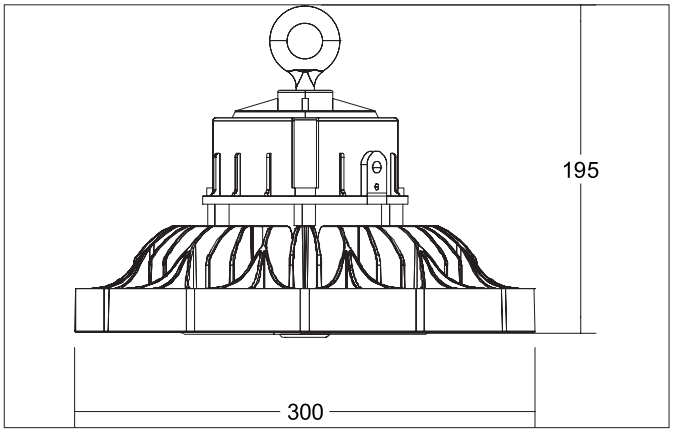
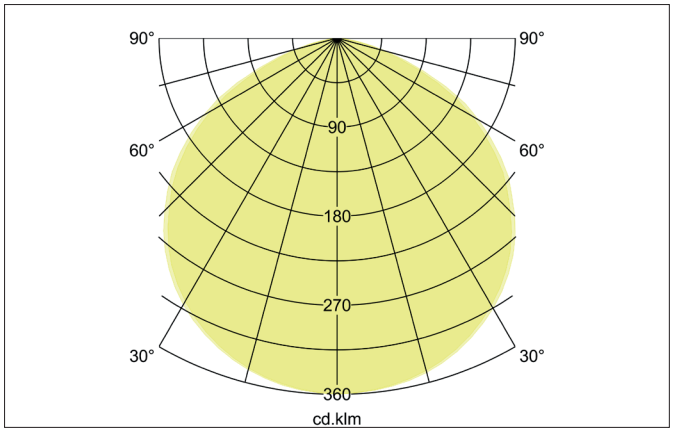
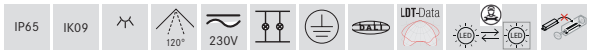
BRUMBERG
Light. Since 1873.

SOL MIDI MULTIPOWER LED highbay luminaire, dali dimmable

Article no. 78313084







Tender
LED highbay luminaire, dali dimmable, Round.Luminaire diameter 300.0 mm, Hight 195.0 mm Weight 3.5 kg, with rotattionssymmetrical, deep, wide distributed light intensity. Cover plastic, transparent. Luminous flux 26.100 lm, Power 1 x 160 W, Light colour neutral white, Correlated color temprature (CCT) 4.000 K, Colour rendering index CRI > 80, Rated life time L70/B50 at 25 °C: 50.000 h, Rated life time L80/B50 at 25 °C: 50.000 h, Housing material: Aluminium / Polycarbonate, Colour: black, Permissible ambient temperature (ta): -25 to +45°C, Protection class (EN 61140): I, Degree of protection (DIN EN 60529): IP65, shock resistance according to IEC62262: IK09 .With electronic driver, DALI-2 dimmable.

Product Benefits

5 years Brumberg light warranty.
D mark.
Dip switches for multilumen: 160 / 130 / 110 / 85 W.
Long life: L80B50 >50,000 h at 25°C.
High luminous efficacy.
Dimmable as standard: DALI-2.
Wide range of accessories.
Protection class: IP65.
Low maintenance lighting realization.
Ambient temperature range: -25 °C to +45 °C.

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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Bestromung	Leistung	Lichtstrom	1	2	3
340 mA	85 W	14.300 lm	Aus	Aus	Aus
420 mA	110 W	17.900 lm	Aus	Aus	An
500 mA	130 W	21.200 lm	Aus	An	Aus
620 mA	160 W	26.100 lm	An	Aus	Aus

Article data	
Article no.	78313084
GTIN	4251433994572
Series name	SOL MIDI MULTIPOWER
Short description	LED highbay luminaire, dali dimmable
Material	Aluminium / Polycarbonate
Colour	black
Shape	Round
Outer diameter	300 mm
Hight	195 mm
Scope of delivery	Delivery: incl. screwable fixing eye, shrink end caps on the DALI cable and connection cable 1,500 mm
Weight	3.5 kg
Length of the connection line	1,500 mm
stamp	D-Kennzeichen
Conformance	CE, UKCA

Lighting technology	
Colour temperature	4.000 K
Light colour	white
Light output	Direct
Luminous flux	26,100 lm
System efficiency	163 lm/W
McAdam-Step	McAdam-Step 4
Colour rendering	CRI > 80
Luminaire optics	Lens
Reflector	Without
Beam angle	120°
Light sharing	Symmetric
Adjustable color temperature	No

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Operating technology of the luminaire	
Voltage type	AC/DC
AC nominal voltage min	100 V
AC nominal voltage max	277 V
DC nominal voltage min	141 V
DC nominal voltage max	276 V
Frequency max	60 Hz
Frequency min	50 Hz
Lamp	LED
Lamp holder	Without fitting
Protection class	I
Degree of protection	IP65
Ambient temperature	-25 to +45°C
Dimmable	Yes
Control	DALI-2
Minimum / maximum dimming range	10 - 100 %
Length of the connection line	1,500 mm
Design of the connecting cable	Unilateral
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 L70/B50 at 25 °C	50,000 h
Rated life time L80/B50 at 25 °C	50.000 h
Energy efficiency class	not required
max. no. lights on B16 A	14
max. no. lights on C10 A	9
max. no. lights on C16 A	15

Mounting technology	
Mounting method	Suspended
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Impact resistance	IK09
Material cover	Plastic, transparent
Suitable for through-wiring	Yes, with optional accessories

Packing data	
Gross weight	4.1 kg
Length of packaging	305 mm
Packaging width	180 mm
Packaging hight	345 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.

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Optional accessories
Article no.: 81062000 Change optics 60° to 78312 https://www.brumberg.com/fileadmin/products/Datenblatt_81062000_2021_DE.pdf
Article no.: 81092000 Change optics 90° to 78312 https://www.brumberg.com/fileadmin/products/Datenblatt_81092000_2021_DE.pdf
Article no.: 81046250 Aluminium luminare shade to 78312 Dimensions: 370 mm x 140 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81046250_2021_DE.pdf
Article no.: 81048000 PC light shade for 78312 Dimensions: 410 mm x 185 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81048000_2021_DE.pdf
Article no.: 81049080 Ceiling / wall bracket for 78310 / 78311 / 78312 https://www.brumberg.com/fileadmin/products/Datenblatt_81049080_2021_DE.pdf
Article no.: 81051000 Chain suspension, 1000 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81051000_2021_DE.pdf
Article no.: 81052000 Chain suspension, 2,000 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81052000_2021_DE.pdf
Article no.: 81053000 Chain suspension, 3000 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81053000_2021_DE.pdf
Article no.: 81055000 Chain suspension, 5000 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81055000_2021_DE.pdf
Article no.: 81057000 Cable connector, 3-pin, IP68, black Dimensions: 125 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81057000_2021_DE.pdf

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Optional accessories
Article no.: 81058000 Y-cable connector, 5-pole, IP68, black https://www.brumberg.com/fileadmin/products/Datenblatt_81058000_2021_DE.pdf
Article no.: 81050000 Reducer, NPT 3/4” on M10 Dimensions: 70 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81050000_2021_DE.pdf

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