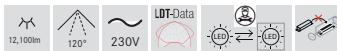
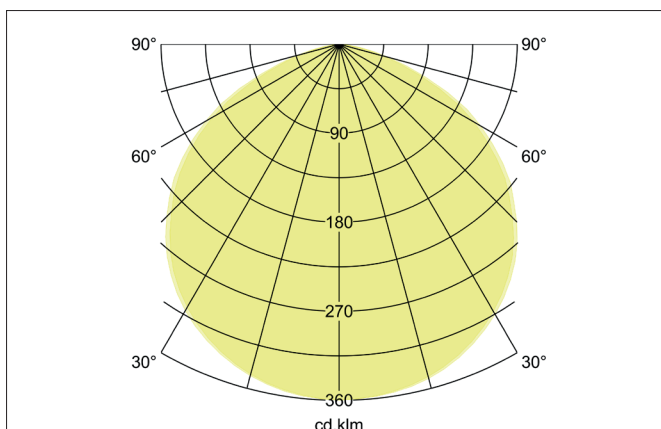
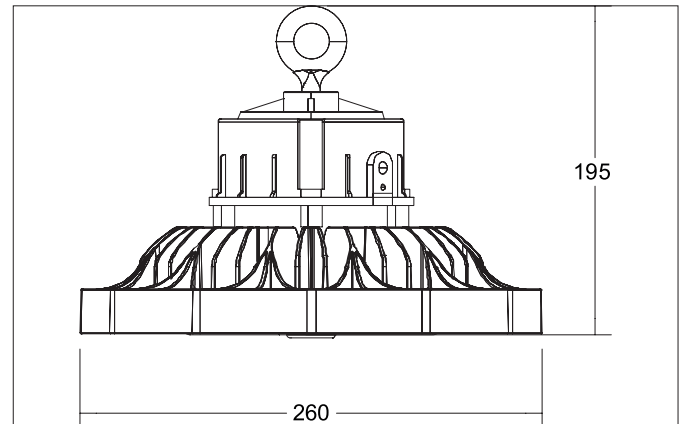


SOL MICRO LED low beam spot, DALI dimmable

Article no. 78310084


Tender

Round LED highbay downlight, DALI-2 dimmable, luminaire diameter 260 mm, height 195 mm, weight 3.012 kg, with rotationally symmetrical narrow-wide beam light distribution. Transparent plastic cover, rated luminous flux 12,100 lm, rated wattage 1 x 80 W, neutral white light color, most similar color temperature (CCT) 4,000 K, general color rendering index CRI > 80, service life L70/B50 at 25 °C: 50,000 h, service life L80/B50 at 25 °C: 50,000 h, housing material: aluminum / polycarbonate, color: black, permissible ambient temperature (ta): -25 to +45 °C, protection class (EN 61140): I, degree of protection (DIN EN 60529): IP65, degree of impact resistance according to IEC62262: IK09, with electronic control gear, DALI-2 dimmable.

Product Benefits

- 5 years Brumberg light guarantee.
- Long life time: L80B50 >50,000 h at 25 °C.
- High luminous efficiency: 160 lm per watt.
- As standard DALI-2 dimmable.
- Extensive accessories.
- Protection class: IP65.
- Low-maintenance lighting realization.
- Ambient temperature range: -25 °C to +45 °C.

SOL MICRO LED low beam spot, DALI dimmable

Article no. 78310084

Article data	
Article no.	78310084
GTIN	4251433949374
Series name	SOL MICRO
Short description	LED low beam spot, DALI dimmable
Material	Aluminium / Polycarbonate
Colour	Black
Shape	Round
Outer diameter	260 mm
Hight	195 mm
Scope of delivery	Delivery: incl. screwable mounting eyelet, shrink end caps on the DALI cable and connection cable 1,500 mm
Weight	3.012 kg
Length of the connection line	1,500 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	4.000 K
Light colour	White
Light output	Direct
Luminous flux	12,100 lm
Luminous flux red	
Luminous flux green	
Luminous flux blue	
System efficiency	151 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

Operating technology of the luminaire	
Voltage type	AC
AC nominal voltage min	90 V
AC nominal voltage max	305 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 up 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	one-sided
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	nicht erforderlich
max. no. lights on B16 A	10
max. no. lights on C16 A	17

SOL MICRO LED low beam spot, DALI dimmable

Article no. 78310084

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	3.442 kg
Length of packaging	265 mm
Packaging width	180 mm
Packaging height	305 mm
Disposal at end of life	<p>This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately.</p> <p>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.</p>

SOL MICRO LED low beam spot, DALI dimmable

Article no. 78310084

Optional accessories	
Article no.: 81060000 Interchangeable optics 60° to 78310 / 78311	
Dimensions: 185 mm x 5 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81060000_2021_DE.pdf	
Article no.: 81090000 Interchangeable optics 90° to 78310 / 78311	
Dimensions: 185 mm x 5 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81090000_2021_DE.pdf	
Article no.: 81045250 Aluminium luminare shade to 78310 / 78311	
Dimensions: 321 mm x 140 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81045250_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	
Article no.: 81058000 Y-cable connector, 5-pole, IP68, black	
https://www.brumberg.com/fileadmin/products/Datenblatt_81058000_2021_DE.pdf	

SOL MICRO LED low beam spot, DALI dimmable
Article no. 78310084

Optional accessories

Article no.: 81050000
Reducer, NPT 3/4" on M10

Dimensions: 70 mm
https://www.brumberg.com/fileadmin/products/Datenblatt_81050000_2021_DE.pdf