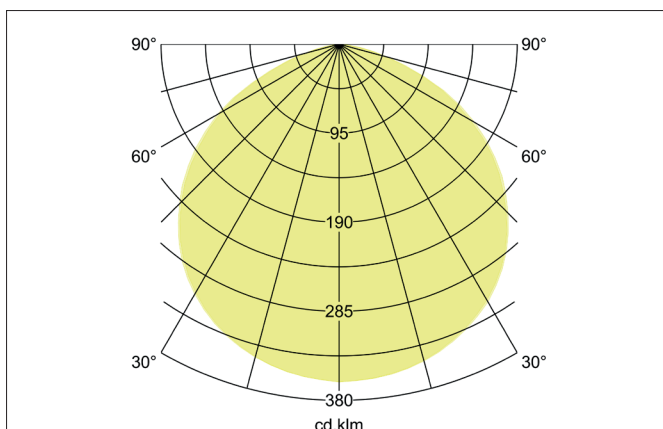
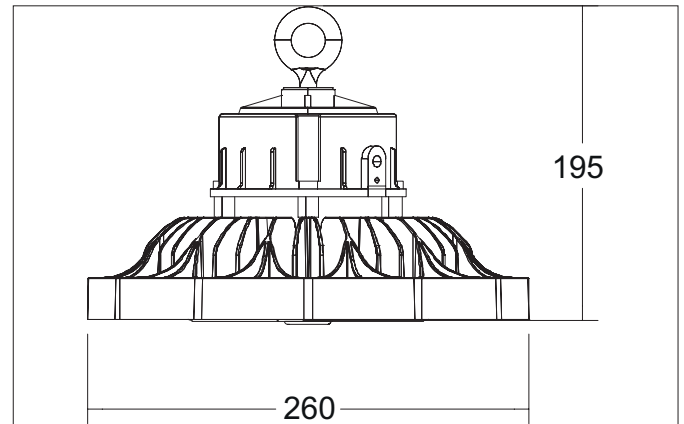



SOL MINI LED low beam spot, DALI dimmable

Article no. 78311084


Tender

LED low beam spot, DALI dimmable, Round. Luminaire diameter 260.0 mm, Height 195.0 mm Weight 2.6 kg, with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, transparent Luminous flux 18.000 lm, Power 1 x 120 W, Light colour neutral white, Correlated color temperature (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 °C up 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 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 MINI LED low beam spot, DALI dimmable

Article no. 78311084

Article data	
Article no.	78311084
GTIN	4251433949381
Series name	SOL MINI
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 fixing eyelet, shrink-on end caps on the DALI cable and connecting cable 1,500 mm
Weight	2.6 kg
Length of the connection line	1,500 mm
D licence plate	Yes
Conformance	CE, UKCA

Lighting technology	
Colour temperature	4.000 K
Light colour	white
Light output	Direct
Luminous flux	18,000 lm
System efficiency	150 lm/W
McAdam-Step	McAdam-Step 4
Colour rendering	CRI > 80
Luminaire optics	Lens
Reflector	Without
Reflector Material	polycarbonate
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°C up to +45°C
Dimmable	Yes
Control	DALI-2
Minimum / maximum dimming range	
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	not required
max. no. lights on B16 A	10
max. no. lights on C16 A	17


SOL MINI LED low beam spot, DALI dimmable

Article no. 78311084

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

Packing data	
Gross weight	3.2 kg
Length of packaging	265 mm
Packaging width	180 mm
Packaging height	305 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.


SOL MINI LED low beam spot, DALI dimmable

Article no. 78311084

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 x 21 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 MINI LED low beam spot, DALI dimmable
Article no. 78311084

Optional accessories

Article no.: 81050000

Reducer, NPT 3/4" on M10

Dimensions: 70 mm x 35 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_81050000_2021_DE.pdf