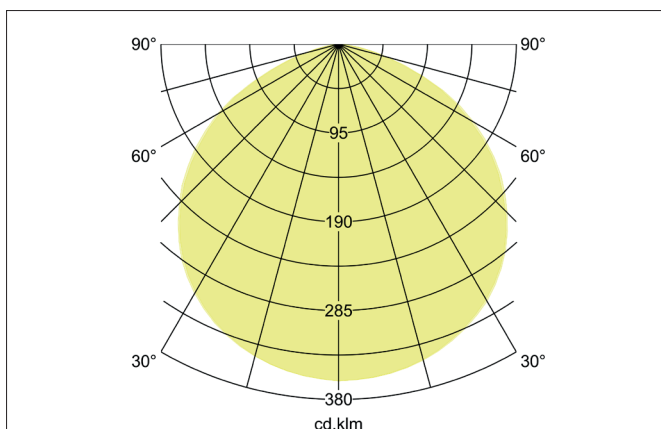
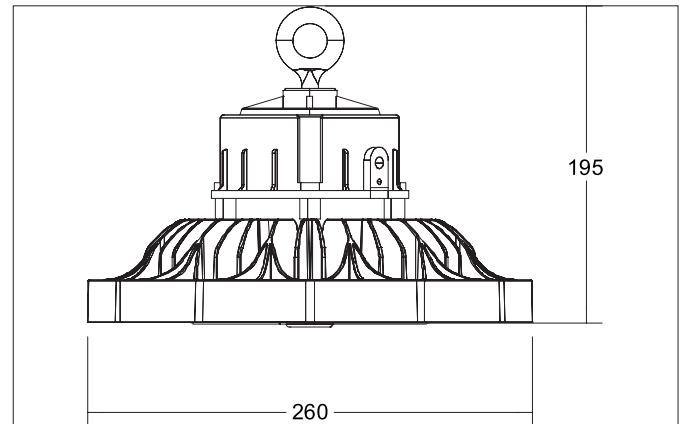


SOL LED low beam spot, DALI dimmable  
Article no. 78311084

Light.  
For Generations.



#### Tender

LED low beam spot, DALI dimmable, Round. Luminaire diameter 260.0 mm, Hight 195.0 mm Weight 2.6 kg, with rotattionssymmetrical, deep, wide distributed light intensity. optimal light distribution due to a plastic, transparent cover. Luminous flux 18.000 lm, Power 120 W, System Efficiency 150 lm/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: 50000 h, Rated life time L80/B50 at 25 °C: 50000 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 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 LED low beam spot, DALI dimmable  
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Light.  
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Article data	
Article no.	78311084
GTIN	4251433949381
Series name	SOL
Short description	LED low beam spot, DALI dimmable
Material	Aluminium / Polycarbonate
Colour	Black
Shape	Round
Outer diameter	260 mm
Height	195 mm
Scope of delivery	Delivery: incl. screwable mounting eyelet, shrink end caps on the DALI cable and connection cable 1,500 mm
Weight	2.600 kg
Length of the connection line	1,500 mm

Lighting technology	
Colour temperature	4000 K
Light colour	White
Luminous flux	18,000 lm
System efficiency	150 lm/W
McAdam-Step	McAdam-Step 4
Colour rendering	CRI > 80
Luminaire optics	Lens
Beam angle	120°
Light sharing	Symmetric
Adjustable color temperature	No

Operating technology of the luminaire	
Voltage type	AC
AC nominal voltage max	230 V
Frequenz max.	50 Hz
Lamp	LED
Protection class	I
Degree of protection	IP65
Ambient temperature	-25 bis +45°C
Dimmable	Yes
Control	DALI-2
Length of the connection line	1,500 mm
Design of the connecting cable	einseitig
Bulb change possible	Yes
Rated life time L70/B50 at 25 °C	50000 h
Rated life time L80/B50 at 25 °C	50000 h

Mounting technology	
Mounting method	Suspended
Place of installation	Ceiling-mounted
Impact resistance	IK09
Material cover	Plastic, transparent







SOL LED low beam spot, DALI dimmable  
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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	<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 LED low beam spot, DALI dimmable  
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Light.  
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Accessories	
	<p>Article no.: 81060000 Interchangeable optics 60° to 78310 / 78311</p> <p>Dimensions: 185 mm x 5 mm</p>
	<p>Article no.: 81090000 Interchangeable optics 90° to 78310 / 78311</p> <p>Dimensions: 185 mm x 5 mm</p>
	<p>Article no.: 81045250 Aluminium luminaire shade to 78310 / 78311</p> <p>Dimensions: 321 mm x 140 mm</p>
	<p>Article no.: 81049080 Ceiling / wall bracket for 78310 / 78311 / 78312</p>
	<p>Article no.: 81051000 Chain suspension, 1000 mm</p>
	<p>Article no.: 81052000 Chain suspension, 2,000 mm</p>
	<p>Article no.: 81053000 Chain suspension, 3000 mm</p>
	<p>Article no.: 81055000 Chain suspension, 5000 mm</p>
	<p>Article no.: 81057000 Cable connector, 3-pin, IP68, black</p> <p>Dimensions: 125 mm</p>
	<p>Article no.: 81058000 Y-cable connector, 5-pole, IP68, black</p>