Lightbar FX750-CB SM GEN 2



Single mount certified For individual installation



Up to 450 m long beam Improved far and near field illumination



Combo beam In combination: Coverage of near and far field illumination



OSRAM

IP & IK protection classes Tested and validated in a DINcertified environmental simulation laboratory regarding extreme external influences such as water, dust, shocks, impacts, heat, cold, permanent vibrations and many more



Increased brightness for far and near field illumination

Particularly when driving on rural and dirt roads, a greater range of visibility can play a key role in ensuring safety. The LEDriving Lightbar FX750-CB SM GEN 2 provides additional, near and far field illumination on dark roads with up to 5.990 Lumen. Even in poor visibility conditions or at dusk, the 25 high-performance LEDs reach a light distance of up to 450 meters and daytime lighting conditions with a color temperature of 6000 Kelvin. The driving light impresses with its special reflector design and ensure not only a modern and appealing look but also reduces glare for more visibility on the road. It can be used as both a supplementary LED high beam headlight and a powerful working light. The light is fully ECEcompliant in both versions and therefore suitable for use on roads. Additionally, OSRAM has developed a specially designed mounting kit, compatible with all driving lights of the Functional series FX Gen 2 for individual mounting. Versatile applicable, it defies numerous environmental influences and, thanks to high-quality materials such as the aluminum housing and the stable polycarbonate lens, it is particularly light and at the same time robust and resistant. Complete polarity protection both prevents damage from excess voltage and contributes to a longer lifespan. The LEDriving Lightbar FX750-CB SM GEN 2 has been tested and validated with the IP-Protection Classes IP6K8 & IP6K9K in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, impacts, heat, cold and permanent vibration. Its variability gives the FX series a flexible range of uses. They can be attached to cars, trucks, agricultural machinery, commercial vehicles, construction vehicles, caravans, off-road vehicles and quads1). OSRAM provides a 5-year guarantee2).1) OSRAM LEDriving Driving Lights are approved according to ECE regulations and may therefore be installed and operated on public roads. Please note: Special installation regulations apply. In addition to ECE approval of the product, individual special requirements and legislation of the countries must be observed. 2) For precise conditions refer to: www.osram.com/am-guarantee

Technical data

Product information

Order reference	LEDDL133-CB SM	
Application (Category and Product specific)	Driving Light - Additional high beam application - central single mount	

Electrical data

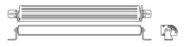
Photometrical data

Luminous flux	5990 lm
Color temperature	6000 К
Light distance at 1lx	450 m

Dimensions & weight







Product weight	2658.00 g
Length	54 mm
Width	83.0 mm
Height	692.0 mm

Lifespan

Lifespan Tc	> 5000 h
Guarantee	5 years

Additional product data

Connector to lamp	Deutsch (DT04-2P, DT06-2S)	
Connector to lamp	Deutsch (DT04-2P, DT06-2S)	

Capabilities

 $^{1)}$ Light-emitting diode application

Certificates & standards

Standards	R10, 2 x R149
Approval marks – approval	E57 approval
Type of protection	ІР6К8/ІР6К9К
ECE reference number	30 + 30

Country specific categorizations

Order reference	LEDDL133-CB SM	

Logistical data

Commodity code

85122000900

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)

Date of Declaration	28-02-2024		
Primary Article Identifier	4062172366205		
Declaration No. in SCIP database	In work		

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172366205	Lightbar FX750-CB SM GEN 2 LEDDL133-CB SM	Folding carton box 1	772 mm x 138 mm x 89 mm	9.48 dm³	2983.00 g
4062172366212	Lightbar FX750-CB SM GEN 2 LEDDL133-CB SM	Shipping carton box 4	792 mm x 295 mm x 208 mm	48.60 dm ³	12844.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Safety advice

For detailed application information, please refer to the product data sheet and the user instruction

Legal advice

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2) For precise conditions please refer to: www.osram.com/am-guarantee

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

