

Lightbar FX1000-CB SM GEN 2



Single mount certified

For individual installation



Up to 635 m long beam

Improved far and near field illumination



Combo Beam

Designed for both: far-field and near-field illumination



IP & IK protection classes

Tested and validated in a DIN-certified 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 FX1000-CB SM GEN 2 provides additional, near and far field illumination on dark roads with up to 8.000 Lumen. Even in poor visibility conditions or at dusk, the 40 high-performance LEDs reach a light distance of up to 635 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 ECE-compliant 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 FX1000-CB SM GEN 2 has been tested and validated with the IP-Protection Classes IP6K8 &

Product family datasheet

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

Product family datasheet

Technical data

Product description	Electrical Data			Photometric Data		Lifetime Data
	Nominal voltage	Nominal wattage	Test voltage	Nominal luminous flux	Lifespan Tc	
Lightbar FX1000-CB SM GEN 2 LEDDL114-CB SM ¹⁾	12/24 V	140 W	13.2 V	8000 lm	> 5000 hr	

Product description	Certificates & standards	Environmental & Regulatory Information			Safe Use Instruction
	ECE reference number	Candidate List Substance 1	CAS No. of substance 1	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Lightbar FX1000-CB SM GEN 2 LEDDL114-CB SM ¹⁾	50 + 50	Lead	7439-92-1		The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product description	Declaration No. in SCIP database
Lightbar FX1000-CB SM GEN 2 LEDDL114-CB SM ¹⁾	c2b80793-fe0b-4e19-b939-6a319f84b67b

¹⁾ Beam Pattern: Combo

Product family datasheet

Download Data

File
 User instruction LEDriving Lightbar FX1000-CB SM
 User instruction GPRS_Safety symbols instructions
 Movie application OSRAM LEDriving driving and working lights FX1000-CB SM (EN)
 Movie application LEDriving D and W Image Video Bringing light to life (EN)
 Movie application Working and Driving Lights Amarok Winter
 Movie application LEDriving Driving and Working Lights Reference Video (EN)
 Movie application OSRAM LEDdriving and working lights Imagefilm (EN)
 Movie application LEDriving driving & working lights in application (EN)
 Movie application OSRAM Quality Testing LEDriving working and driving lights (EN)
 Video Light is Quality -OSRAM LEDriving Driving and Working Lights Quality Tests (EN)
 Video OSRAM LEDriving driving and working lights: The night doesn't stand a chance
 Video OSRAM LEDriving driving and working lights in action - From on road to off road applications (EN)
 Video Reference Number made easy - Making sure your LEDriving Driving Lights are legal on public roads
 ref_pim_amsp_product360degreeimages LEDriving Lightbar FX1000-CB SM LEDDL114-CB SM

CBP_05.00 Safety advice, all [calc.]

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

CBP_0L.00 Legal advice, all [calc.]

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Application advice

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

Product family datasheet

Disclaimer

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