Product family datasheet

OSRAM

Lightbar FX500-CB SM

Higher luminosity guarantees improved safety on the road





Central and individual installation Individual installation is possible thanks to twofold ECE certification



Lighting distance up to 440 meters Improved far and near field illumination



Combo Beam Combined beam of light



LED auxiliary lights enhance driving pleasure

Improved far field illumination on dark rural and dirt roads – it's no problem for the LEDriving Lightbar FX500-CB. Its 20 intense, high-performance LEDs give the LED high beam a light distance up to 440 meters and ensure improved road safety for drivers.

Even at dusk or in compromised lighting conditions, the LED bars for automobiles provide daylight conditions at a strong 6000 Kelvin without needlessly blinding oncoming traffic. The intelligent reflector design diverts the light from the LEDs so that oncoming traffic is only indirectly exposed to the light. The light is evenly distributed at a five degree angle.

Robust, durable and versatile

Whether used as a LED working light or as an auxiliary high beam for the car – the powerful performance and long life of

the LEDriving Lightbar FX500-CB make it a compelling choice. Equipped for a wide range of uses, it defies environmental factors and is particularly robust thanks to the quality craftsmanship of its materials and hard-wearing polycarbonate lens.

The integrated driver and thermal management system regulates the temperature of the LED automotive headlight and prevents damage caused by overheating. Full polarity protection ensures the LEDs are automatically shut off in the event of excess voltage.

Brightness for a wide range of uses

The LEDriving Lightbar FX500-CB is pure pleasure both on and off-road. The ECE-compliant LED auxiliary light ensures better visibility and thus improved safety on roads. In addition, it adds a smart touch that enhances the off-road style of the vehicle.

The LED headlight can be mounted on 12V vehicles as well as agricultural machines, utility vehicles, recreational, offroad and 4x4 vehicles. The power package with an intense 5500 lumen brightness scores with the highest optical efficiency and homogeneous light distribution with reduced glare.

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Technical data

	Product information	General Produ Information	ct	Electrical Data		Photom etric Data
Product description	Application (Category and Product specific)	Global order reference		Nominal voltage	Test voltage	Nominal luminou s flux
Lightbar FX500-CB SM	Additional high beam application	LEDDL104-CB	SM	12/24 V	13.5 V	5500 lm
	Lifetime Data	Capabilities	Certific	ates & standards		
Product description	Lifespan Tc	Technology	Approval marks – Type of protection approval			
Lightbar FX500-CB SM	5000 hr	LED	E4 app	roval IP67		
		Logistical data		Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	Standards	Commodity code		Primary article identifier	Candidate substance	
Lightbar FX500-CB SM	ECE R10, R112	85122000900		4052899614079	Lead	

Product description	CAS No. of substance 1	Safe use instruction	Declaration no. in SCIP database
Lightbar FX500-CB SM	7439-92-1	The identification of	6da87b7d-5e14-
		the Candidate List	42a4-b600-
		substance is	16a278fbfb38
		sufficient to allow	
		safe use of the	
		article.	

Product family datasheet

Download Data

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

Legal advice

Single mounting – installation in pairs is not necessary, two certified light sourcesPrecise terms and conditions at: www.osram.com/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.













