Product family datasheet

Lightbar FX250-SP

Higher luminosity for improved road safety

Spot Beam
Highly concentrated light beam

Lighting distance up to 360 meters
Improved far and near field illumination

Beam angle 5°
Exceptionally focused beam angle

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High-performance LED auxiliary lights are permitted for use and improve visibility on roads

Not only does reliable and brilliant light improve visibility for drivers, above all, it improves safety on the road. The LEDriving Lightbar FX250-SP automotive auxiliary light gives drivers a powerful supplemental high beam that is approved for use on roads.Even in difficult visibility conditions, the LED auxiliary light provides better perception of oncoming traffic with ten high-performance LEDs and 2700 lumen. Along with improving one's own safety, it improves road safety overall.The intelligent reflector design of the LED high beam offers extreme efficiency with even light distribution. The highly concentrated light greatly improves far field illumination. The light beam from the LED automotive headlight reaches up to 360 meters.Durability & wide range of applicationsDaily use demands quite a bit from a vehicle. The stress doesn't stop at the LED auxiliary light. This is why it is equipped with an extremely robust polycarbonate lens that can withstand even harsh conditions for longer periods. But high-quality materials aren't the only factor contributing to its durability: The integrated driver and thermal management system also plays a role in the long lifetime of the LED high beam light.Over and under voltage protection ensure that the circuit is automatically shut off when power exceeds the predetermined current for a specified amount of time. This temporarily prevents overheating and extends the lifetime of the LED auxiliary light.More light is important, and not only on roads: Powerful lighting is important off-road, on unlit dirt or forest roads and in agriculture.This is why the LEDriving Lightbar FX250-SP LED auxiliary light can be easily installed on 4x4 and utility vehicles, and industrial and construction vehicles.

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Technical data

	Product information		Electrical data			Photometrical data
Product description	**Order reference**	**Application (Category and Product specific)**	**Nominal voltage**	**Nominal wattage**	**Test voltage**	**Luminous flux**
Lightbar FX250-SP	LEDDL103-SP	Additional high beam application	12/24 V	30 W	13.5 V	2700 lm

	Lifespan	Capabilities	Certificates & standards		
Product description	**Lifespan Tc**	**Technology**	**Type of protection**	**Approval marks – approval**	**Standards**
Lightbar FX250-SP	5000 h	LED	IP67	E4 approval	ECE R10, R112

	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	**Commodity code**	**Date of Declaration**	**Primary Article Identifier**	**Candidate List Substance 1**
Lightbar FX250-SP	85122000900	06-03-2024	4052899595330	Lead

Product description	**CAS No. of substance 1**	**Safe Use Instruction**	**Declaration No. in SCIP database**
Lightbar FX250-SP	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	1e68ab0c-fc67-4595-92b2-f7f1f760842a

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Download Data

	File
	User instruction LEDriving
	Movie application OSRAM Quality Testing LEDriving working and driving lights (EN)
	Movie application OSRAM LEDdriving and working lights Imagefilm (EN)
	Movie application LEDriving Driving and Working Lights Reference Video (EN)
	Movie application Working and Driving Lights Amarok Winter
	Movie application LEDriving driving & working lights in application (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
	360 Degree Image LEDriving LIGHTBAR FX250-CB, LEDriving LIGHTBAR FX250-SP

Legal advice

In vehicles with 12/24 volts, auxiliary lights must be installed in pairs

Precise 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.

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