Product datasheet

Cube MX230-CB AMBER EXTREME



4 in 1 functionality
White and amber position lights, LED high beam and an ultimate LED boost mode



See and be seen with OSRAM
Up to 515 m long beam with boost function



Combo beam pattern
Designed for both: far-field and near-field illumination



IP & IK protection classes
Tested and validated in a DIN-certified environmental simulation laboratory



Powerful light output meets striking design – built for all terrains and demanding conditions

The OSRAM LEDriving Cube MX230-CB AMBER EXTREME redefines performance and design in one powerful lighting solution. Featuring a combo beam for both near-field and far-field illumination, it delivers an impressive light beam of up to 515m in boost mode. With a light output of up to 10.000 effective lumens, it ensures maximum visibility in even the most demanding environments. Its innovative 4-in-1 setup combines high beam, amber and white position lights, plus a boost function – offering maximum flexibility in all weather and light conditions. The distinctive amber light signature goes beyond functionality – it's a confident design statement for drivers who value both performance and design.

Tested to the toughest standards, it features IP6K8 and IP6K9K protection classes, a shatterproof polycarbonate lens, and an aluminium die-cast housing – all compact, robust, and ready for any challenge. Whether on-road or off-road, the Multifunctional Series is an effective and efficient addition to your vehicle. They can be attached to cars, trucks, agricultural machinery, commercial vehicles, construction vehicles, caravans, off-road vehicles and quads[1)]. OSRAM provides a 5-year guarantee on these products[2)].

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Technical data

Product information

Product legal advice 1	1) OSRAM LEDriving Driving Lights are approved according to ECE regulations and may therefore be installed and operated on public roads. Please note: The light functions boost mode and amber position light do not have ECE approval and must not be used on public roads. In addition, individual special regulations, and laws of countries outside Germany must be observed.
Product legal advice 2	2) For precise conditions please refer to: www.osram.com/am-guarantee
Application (Category and Product specific)	Additional high beam and position light

General Product Information

Global order reference	LEDDL137-CB X
Product remark	Beam Pattern: Combo

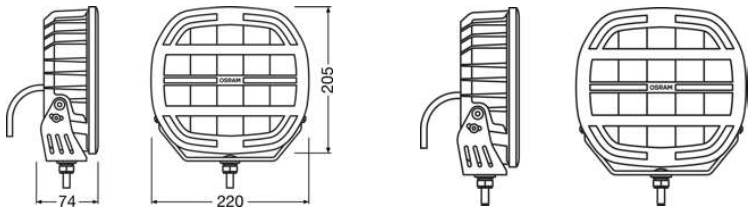
Electrical Data

Nominal voltage	12/24 V
Test voltage	13.5 V

Photometric Data

Nominal luminous flux	3100 lm (HB) / 10000 (Boost) lm
Color temperature	6000 K/1700 K
Light distance at 1lx	280 m (HB) / 515 m (Boost)

Physical Attributes & Dimensions



Product weight	2691.00 g
Length	220.0 mm
Width	74.0 mm

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Height	205.0 mm

LED module information

Number of LEDs per module	16/24

Lifetime Data

Lifespan Tc	5000 hr
Guarantee	5 years

Additional product data

Connector to lamp	DT Connector
Product remark	Beam Pattern: Combo

Capabilities

Technology	LED [1)]

[1)] Light-emitting diode application

Certificates & standards

Approval marks – approval	E4 approval
Type of protection	IP6K8, IP6K9K
Standards	R10, R148, R149
ECE reference number	25

Logistical data

Commodity code	85122000900

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
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
4062172423144	Cube MX230-CB AMBER EXTREME	Folding carton box 1	334 mm x 284 mm x 117 mm	11.10 dm^3	3411.00 g
4062172423151	Cube MX230-CB AMBER EXTREME	Shipping carton box 2	355 mm x 304 mm x 268 mm	28.92 dm^3	7309.00 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.

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Product datasheet

Download Data

	File
	User instruction LEDriving CUBE MX230-CB AMBER EXTREME
	User instruction GPRS_Safety symbols instructions
	Product movie Working and Driving Lights Amarok Winter

Safety advice

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

Legal advice

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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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