

Customer Information



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CUBE MX230-CB AMBER EXTREME CI 01	RL 2025-10-17	9C1 4626971-EN-01
	Released	AM-ENT-IND SSL&EL H 330
	ECM	Dilara Uenlue AMW
	External no.:	

Template: ZOT 10000028

OSRAM GmbH: Chairman of the Supervisory Board: Rainer Irle; Managing Directors: Rainer Barthel (Chairman), Babette Fröhlich;
Registered office: Munich; Commercial registry: Munich, HRB 201526; WEEE-Reg.-No. DE 71568000

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CUBE MX230-CB AMBER EXTREME - Customer Information Sheet

LEDDL137-CB X

Picture may differ from original product.

Product picture



#330 #DILARA. MINE #OSRAM OLQ(V) #AMW #CUBE MX230-CB AMBER EXTREME CI 01 2025-10-17 #RL-Released 9C1 4626971-EN-01

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Product description

The 9-inch driving light offers four different lighting modes: an amber position light, a boost mode for maximum light output (intended for off-road use only), an ECE-certified white position light and an ECE-approved high beam mode.

Picture	Mode
	ECE-approved White position light
	Amber position light (Offroad only)
	ECE-approved High Beam
	Boost High Beam (Offroad only)

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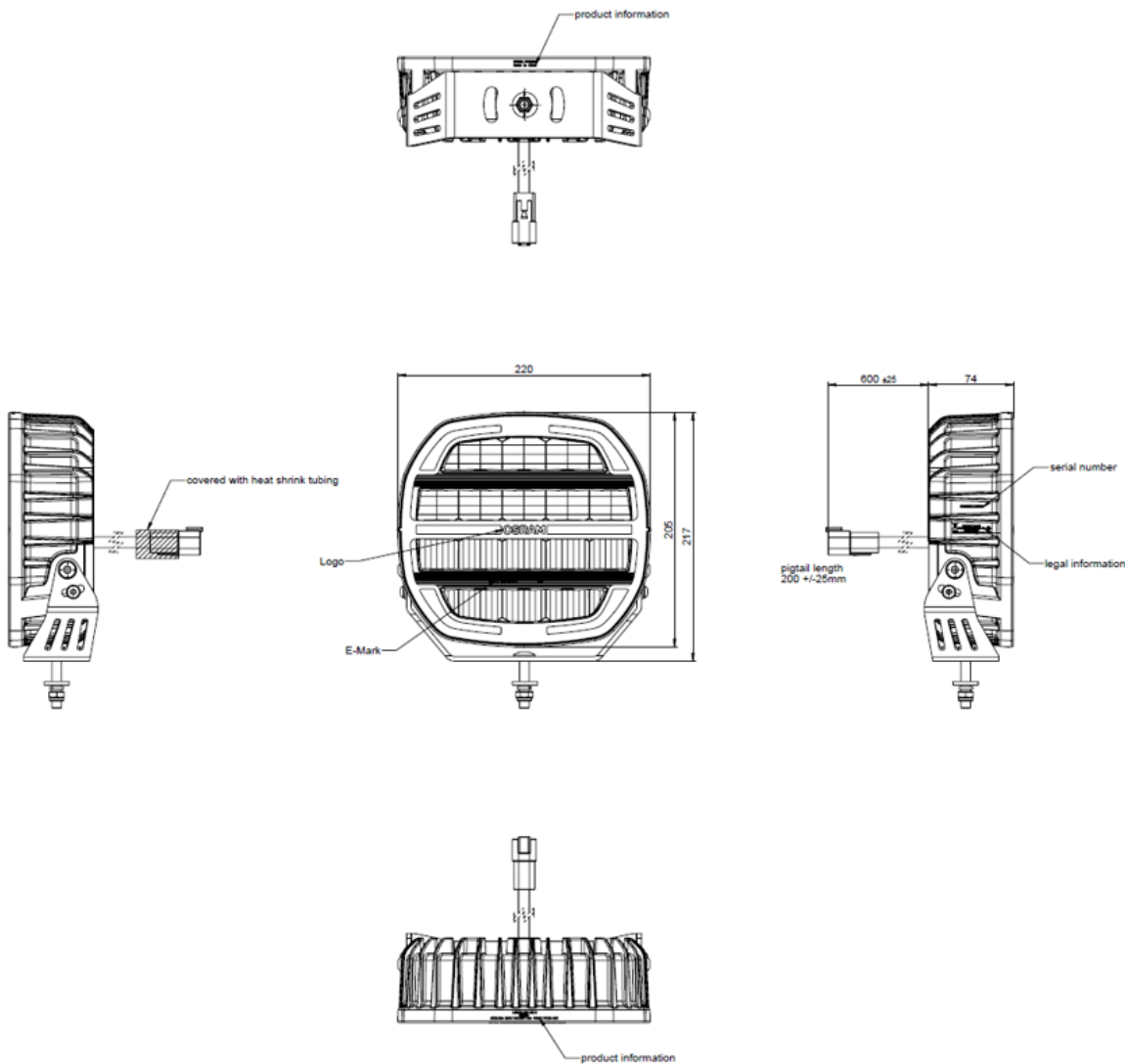
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Dimensions & Material



Dimensions (height, length, width)	205mm * 220mm * 74mm
Housing material	Aluminum with black powder painting
Lens material	Polycarbonate
Shape	Cube
Light pattern	Combo
Cable length	600mm
Weight lamp	2165 g
Weight lamp + bracket	2690.5 g
Mounting / installation arrangements	Mounting with bracket
Adjust angle	+/- 15 degrees

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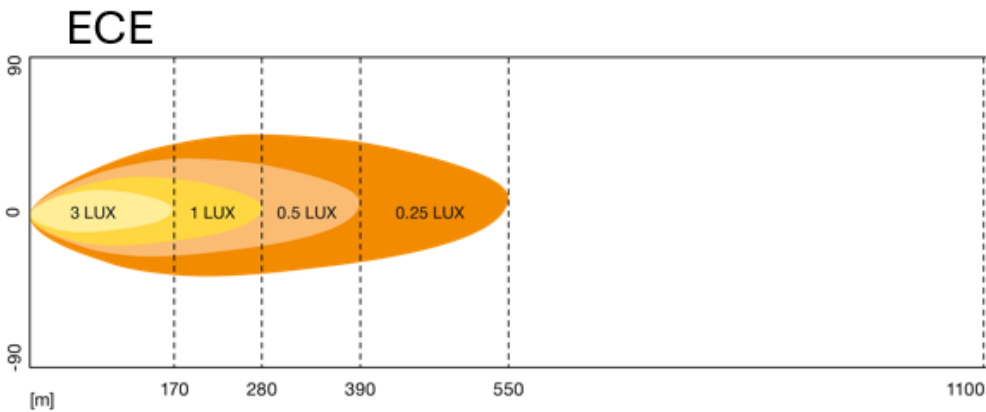
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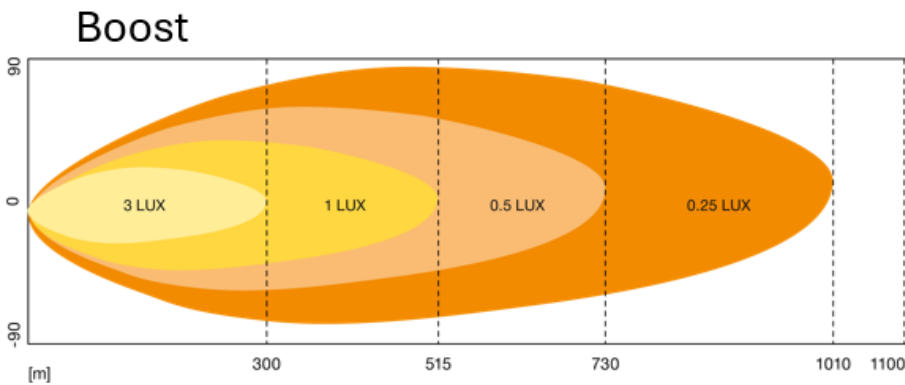
Light distribution



Distribution width at one lux	40m
Distribution length at one lux	280m
Reference number (ECE R149 – ECE Mode)	25
Beam angle ¹ (horizontal / vertical)	11°/8°
Field angle ² (horizontal / vertical)	25°/12°

¹50% maximum intensity

²10% maximum intensity



Distribution width at one lux (Boost)	72m
Distribution length at one lux (Boost)	515m
Beam angle ¹ (horizontal / vertical) (Boost)	10°/7°
Field angle ² (horizontal / vertical) (Boost)	23°/13°

¹50% maximum intensity

²10% maximum intensity

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Packaging content



No.	Part Name	Material	QTY
1	Driving Light	Black die cast aluminum	1
2	User Manual	Paper	1
3	M6x16	Stainless steel	2
4	M6 spring washer	Stainless steel	2
5	M6 washer	Stainless steel	2
6	M8x16	Stainless steel	2
7	M8 spring washer	Stainless steel	2
8	M8 washer	Stainless steel	2
9	M10x45	Stainless steel	1
10	M10 spring washer	Stainless steel	1
11	M10 washer	Stainless steel	1
12	M10 nylock nut	Stainless steel / nylon	1
13	M4x8	Stainless steel	2
14	M5x10	Stainless steel	4
15	M4 spring washer	Stainless steel	2
16	M5 rip washer	Stainless steel	4
17	M5 nut	Stainless steel	4
18	Backside fixation 1	Aluminum	2
19	Backside fixation 2	Aluminum	2

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Standards and regulations

EMC/EMI	ECE R10 - CISPR25 Class 3
IP Class	IP6K8 / IP6K9K
ECE	ECE R10 / ECE R148 / ECE R149
Others	ROHS, REACH

Electrical and photometrical data

Characteristics	Symbol	Unit	Major / Minor
Nominal voltage	U	V	12/24V
Voltage range	U	V	10V-32V
Power consumption	P	W	Boost: 175W ECE: 36W POS white/amber: 6W
Effective lumen	Φ	lm	ECE: 3100lm Boost: 10000lm
Raw lumen	Φ	lm	Boost: 17200lm

Lifetime

Test			
Lifetime average L70B50	Tc	h	>5.000h

Further specifications

Test	Rated value
Color temperature	Cold White (6000K), Amber (1700K)
Ambient Temperature range (Ta)	-40°C to +65°C
Storage Temperature range (Ts)	-40°C to +85°C
Number of LED's	16/24 pcs.
LED Type	OSRAM
Connector	Cable with Deutsch connector and pigtail
Thermal management	Overheat protection
Polarity	Polarity protection

Process of manufacturing

This product is designed and manufactured for the Automotive Aftermarket. Please consider the product specification to match the customer requirements.

Guarantee

Guarantee	5 years
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Successive listing of changes

Issue	Reason for change
23.06.2025	First Version
16.10.2025	Update Reference Number

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