

# Customer Information

**OSRAM**

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Printed by AL.GUGGENBER at 08:17:25 EST 23.10.2025

**CUBE MX180-CB AMBER EXTREME CI 01**

**RL 2025-10-17**

**9C1 4626970-EN-01**

Released

ECM

External no.:

AM-ENT-IND SSL&EL H 330

Dilara Uenlue AMW

Template: ZOT 10000028

Page 1 of 6

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

#330 #DILARA.MINE #OSRAM OLQ(V)

## **CUBE MX180-CB AMBER EXTREME -** **Customer Information Sheet**

**LEDDL136-CB X**

Picture may differ from original product.

### **Product picture**



#AMW #CUBE MX180-CB AMBER EXTREME CI 01

2025-10-177

#RL-Releas

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#AMW #CUBE MX180-CB AMBER EXTREME CI 01

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#RL-ReReleased

9C1 4626970-EN-01

## Product description

The 7-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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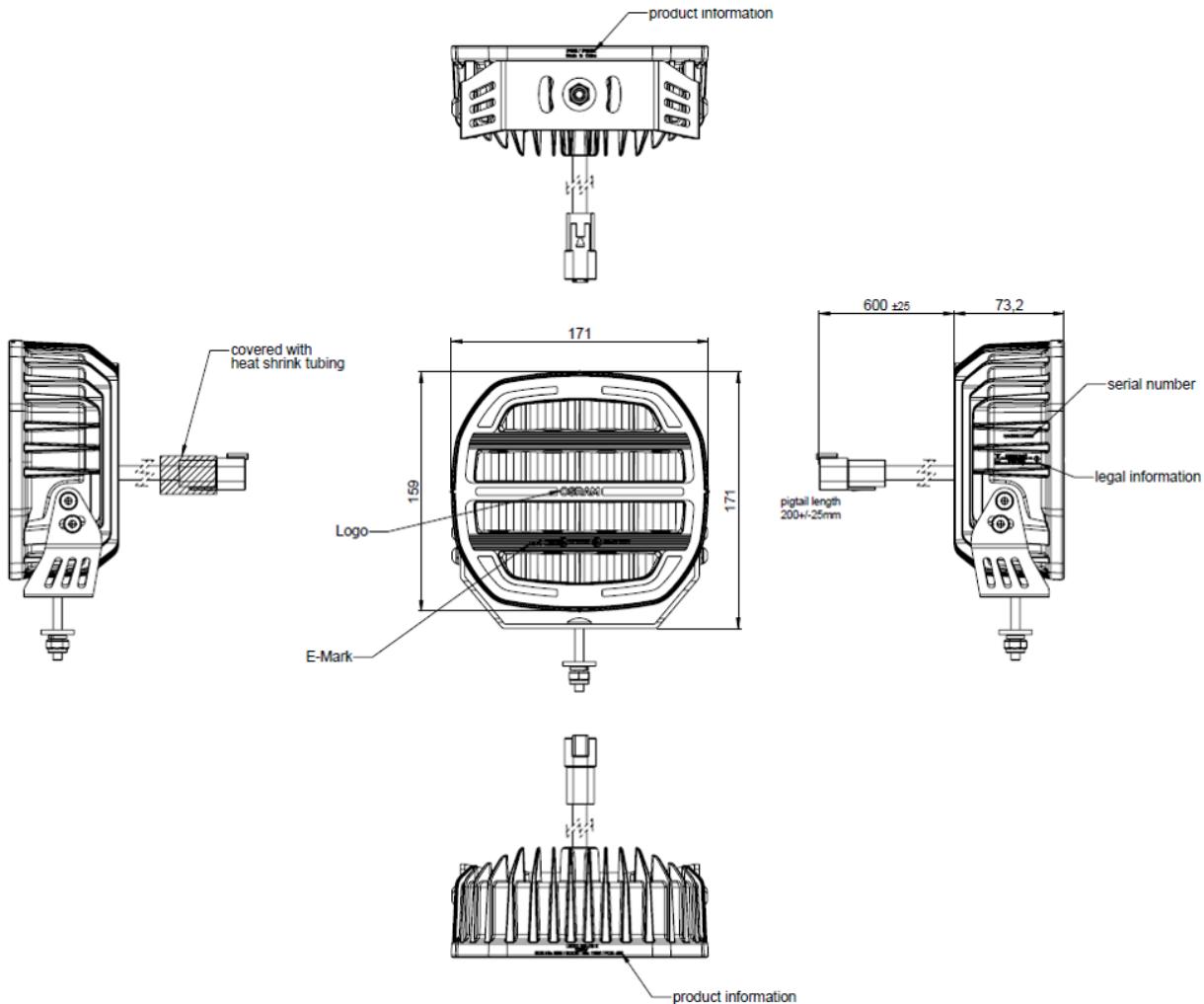
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Page 3 of 6

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## Dimensions & Material



Dimensions (height, length, width)	159mm * 171mm * 73mm
Housing material	Aluminum with black powder painting
Lens material	Polycarbonate
Shape	Cube
Light pattern	Combo
Cable length	600mm
Weight lamp	1338 g
Weight lamp + bracket	1598 g
Mounting / installation arrangements	Mounting with bracket
Adjust angle	+/- 15 degrees

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Page 4 of 6

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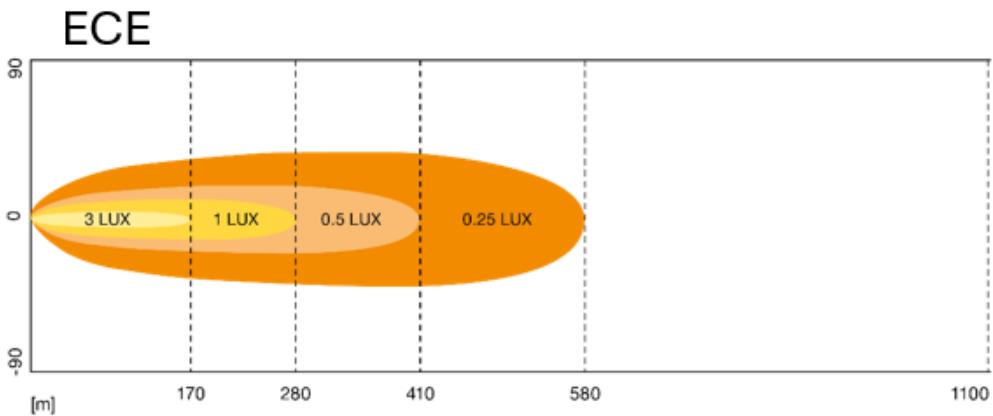
#AMW #CUBE MX180-CB AMBER EXTREME CI 01

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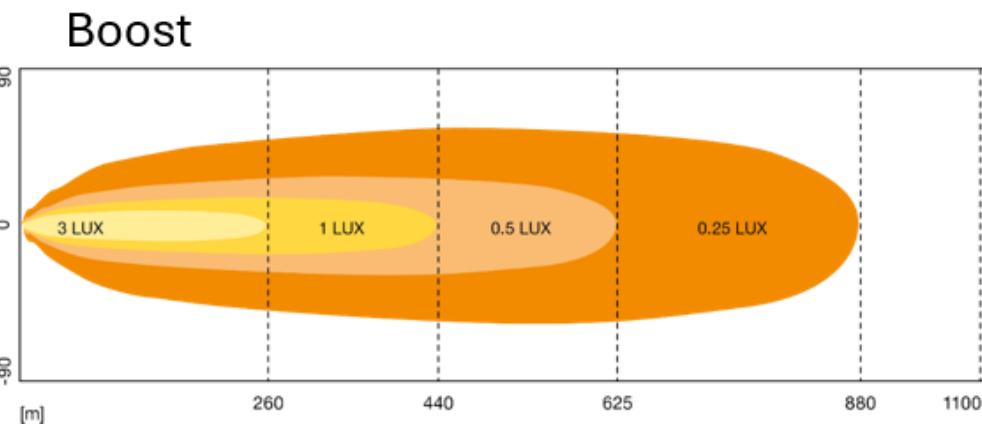
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## Light distribution



Distribution width at one lux	39m
Distribution length at one lux	280m
Reference number (ECE R149 – ECE Mode)	20
Beam angle <sup>1</sup> (horizontal / vertical)	10°/8°
Field angle <sup>2</sup> (horizontal / vertical)	23°/13°

<sup>1</sup>50% maximum intensity<sup>2</sup>10% maximum intensity

Distribution width at one lux (Boost)	59m
Distribution length at one lux (Boost)	440m
Beam angle <sup>1</sup> (horizontal / vertical) (Boost)	12°/9°
Field angle <sup>2</sup> (horizontal / vertical) (Boost)	22°/13°

<sup>1</sup>50% maximum intensity<sup>2</sup>10% maximum intensity

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#330 #DILARA.MINE #OSRAM.OLQ(V)

#AMW #CUBE MX180-CB AMBER EXTREME CI 01

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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	4
4	M6 spring washer	Stainless steel	4
5	M6 washer	Stainless steel	4
6	M8x45	Stainless steel	1
7	M8 spring washer	Stainless steel	1
8	M8 washer	Stainless steel	1
9	M8 nylock nut	Stainless steel / nylon	1
10	M4x8	Stainless steel	1
11	M5x10	Stainless steel	2
12	M4 spring washer	Stainless steel	1
13	M5 rip washer	Stainless steel	2
14	M5 nut	Stainless steel	2
15	Back bracket	Aluminum	1

## Standards and regulations

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

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## 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: 116W ECE: 39W POS white/amber: 6W
Effective lumen	Φ	lm	ECE: 3000lm Boost: 7000lm
Raw lumen	Φ	lm	12900lm

## 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	12/18 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