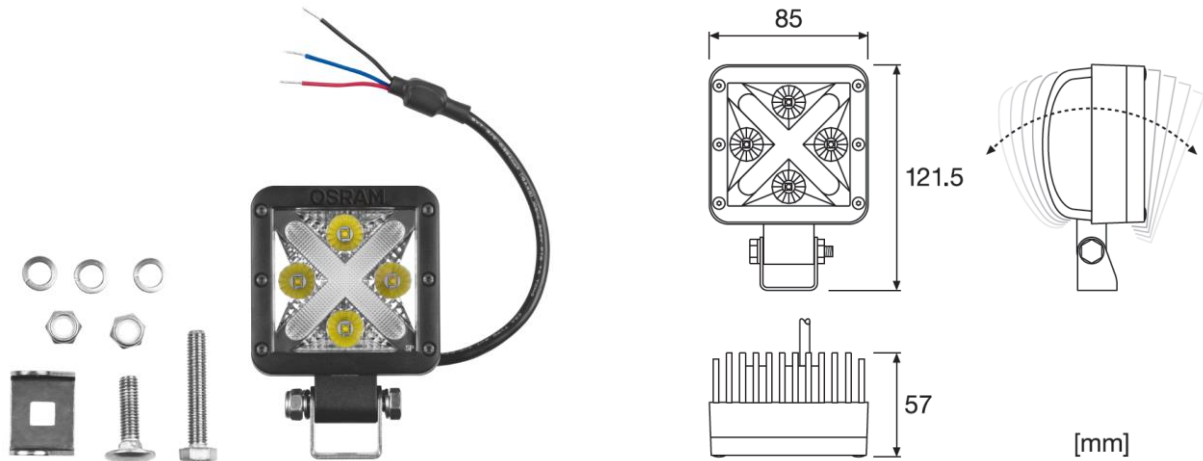
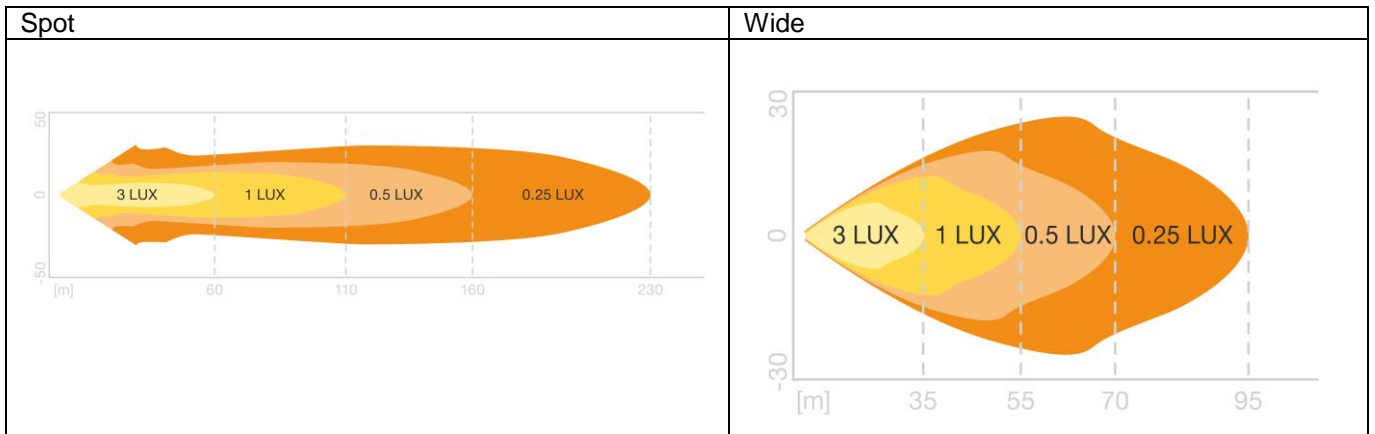


## Cube MX85-SP/WD – Customer Information Sheet LEDDL101-SP/WD 12V



General tolerances in accordance with ISO 2768-v (Allgemeine Toleranzen nach ISO 2768-v)

### Light distribution (Lichtverteilung)



### Packaging content (Verpackungsinhalt)

No.	Part Name	Description	Qty
1	Lamp	Housing Material: ADC12	1
2	Bracket	Stainless Steel	1
3	Hex Head Screw M8*45	Stainless Steel	1
4	Square Neck Carriage Bolt M8*30	Stainless Steel	1
5	Nylon-Insert lock nut M8	Stainless Steel, Nylon	2
6	Spring Washer M8.0	Stainless Steel	3
7	User Manual		1

SP\_SSL\_LEDDL101\_12V\_WD/SP\_Customer\_InfocRL 2018-09-18

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SP SSL&EL München 700

ECM

Moritz Schulz AMW

Template: ZOT 10000028

External no.:

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OSRAM GmbH: Chairman of the Supervisory Board: Peter Bauer; Managing Directors: Dr. Olaf Berlien (Chairman), Ingo Bank, Dr. Stefan Kampmann;  
Registered office: Munich; Commercial registry: Munich, HRB 201526; WEEE-Reg.-No. DE 71568000

## Standards and regulations (Normen und Vorschriften)

EMC/EMI	ECE R10
IP Class	IP 67
Other legal requirements	RoHS, REACH

## Electrical and photometrical data (Elektrische und lichttechnische Daten)

Characteristics (Messwert)	Symbol	Unit (Einheit)	Major / Minor	Tolerance (Toleranz) [%]
Voltage (Spannung)	U	V	13,5	
Wattage (Leistung)	P	W	22W working light 2W accent light	+/-15% +/-15%
Steady State luminous flux (Lichtstrom)	Φ	lm	Spot beam: 1170lm Wide beam: 1150lm X shape: 80lm	+/-15% +/-15% +/-15%

## Life time (Lebensdauer)

Test (Prüfung)				
Life time average (@25°C)	L70B50	h	5.000	

## Further specifications (Weitere Spezifikationen)

Test (Prüfung)	Rated value (Sollwert)	Test specification (Norm)
Color temperature (Farbtemperatur)	Cold White (6000K)	+/- 500K
Beam Angle	Spot: 13,5° Wide: 43,5°	+/- 3° +/- 3°
Ambient Temperature range (Ta)	25°C	-45°C~+65°C
Storage Temperature range (Ts)	25°C	-40°C~+85°C
Light distance @1lx	Spot: ~110m Wide: ~50m	
Weight (light + application material)	500g	
Wire length	30cm	
Polarity	Polarity protection	

## Process of manufacturing (Fertigungsprozess)

This product is designed and manufactured for the Automotive Aftermarket. Please consider the product specification to match the customer requirements. Dieses Produkt wurde für den Aftermarket entwickelt und produziert. Es ist unabdingbar, die Produktspezifikation mit den Kundenanforderungen abzugleichen.

## Successive listing of changes (Änderungsfortschreibung)

Issue (Ausgabe):	Reason for change (Änderungsgrund):
02.11.2017	First Version
14.11.2017	Review
17.05.2018	Storage Temp., Light distance, Weight
06.09.2018	Light distribution, wire length