Product datasheet

Cube PX Ultra-Wide Beam

Ultra-Wide Beam Pattern
For a large-area and particularly wide light distribution

1500 to 4500 Lumens
Selection of 4 different power levels per beam pattern

Matrix Portfolio
A vehicle-specific lighting set-up can be put together individually. Mix & match. Vary and combine

IP & IK protection classes
Tested and validated in a DIN-certified environmental simulation laboratory regarding extreme external influences such as water, dust, shocks, impacts, heat, cold, permanent vibrations and many more

Professional light for professional work

With the OSRAM LEDriving Professional Series PX working lights portfolio, it is now possible to find exactly the right lighting for a wide range of special professional tasks and applications. The 16 working lights in total score points with maximum optical efficiency, effectiveness, and homogeneous light distribution. The modular series focuses on the most important aspects of worklight use: Illumination, performance, quality, shape, durability, functionality, and thus can also result in increased safety at work for you and others. The optimal factors can be selected and prioritized for each corresponding application; thus, with these high-performance lights, a complete vehicle-specific lighting set-up can be put together, that this is perfectly applicable to the respective individual requirements and needs.The working lights are suitable for 12V and 24V vehicles and a total of four beam patterns - Flood, Spot, Wide and Ultra-Wide - and four power levels - 1500lm, 2500lm, 3500lm and 4500lm - are available for each light. In addition, they can be mounted in three different ways: Direct mounting, flexible standard mounting, and heavy-duty mounting. Additionally, OSRAM has developed specially designed mounting kits and a cable with DT-connector. Validated according to the highest IP & IK protection classes IP6K8 & IP6K9K and CISPR25 Class 5, the Professional Series is designed to meet the highest OE standards and requirements of the

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automotive industry. OSRAM provides a 5-year guarantee on these products[1)2)]

1) Additional working lights without ECE approval for use as work lights are approved for use on any vehicle according to German Road Traffic Licensing Regulations (StVZO) §52 (7). However, they must not be used and switched on while driving. In addition, individual special regulations, and laws of countries outside Germany must be observed.

2) For precise conditions refer to: www.osram.com/am-guarantee

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Product datasheet

Technical data

Product information

Application (Category and Product specific)	Working light application

General Product Information

Global order reference	LEDPWL 103

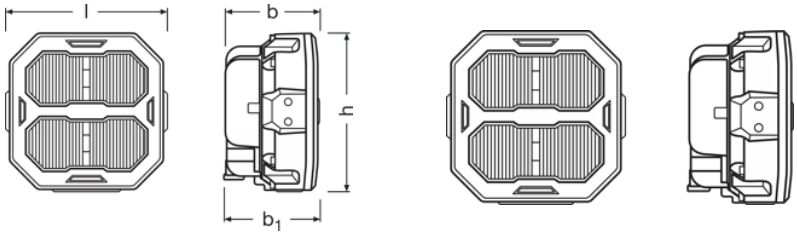
Electrical Data

Nominal voltage	12/24 V
Nominal wattage	45 W

Photometric Data

Nominal luminous flux	4500 lm
Color temperature	6000 K
Light distance at 1lx	70 m

Physical Attributes & Dimensions



Product weight	702.00 g
Length	117.1 mm
Width	67.4 mm
Height	113.4 mm

Lifetime Data

Guarantee	5 years

Additional product data

Connector to lamp	DT Connector

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Capabilities

Technology	LED

Certificates & standards

Type of protection	IP6K8/IP6K9K
Standards	ECE R10 / CISPR25 / CLASS 5 / FCC part 15b

Logistical data

Commodity code	85122000900

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Candidate list substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe use instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration no. in SCIP database	0c6eadc3-435a-4b66-8db4-80e981a299ec

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172279444	Cube PX 4500 ULTRA WIDE LEDPWL 103-UW	Folding carton box 1	122 mm x 116 mm x 76 mm	1.08 dm^3	726.00 g
4062172279451	Cube PX 4500 ULTRA WIDE LEDPWL 103-UW	Shipping carton box 10	391 mm x 253 mm x 135 mm	13.35 dm^3	7444.00 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.

Download Data

	File
	User instruction LEDriving PROFESSIONAL WORKING LIGHTS
	User instruction GPRS_Safety symbols instructions
	Movie application LEDriving D and W Image Video Bringing light to life (EN)

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	Movie application LEDriving Driving and Working Lights Reference Video (EN)
	Movie application OSRAM LEDdriving and working lights Imagefilm (EN)
	Movie application OSRAM Quality Testing LEDriving working and driving lights (EN)

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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