

# Cube PX Spot Beam



### Spot beam patterns

For a particularly focused distance 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 automotive industry. OSRAM provides a 5-year guarantee on these products<sup>1)2)1)</sup> 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.<sup>2)</sup> For precise conditions refer to: [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)

## Product family datasheet

### Technical data

Product description	Product information	General Product Information	Electrical Data	
	Application (Category and Product specific)	Global order reference	Nominal voltage	Nominal wattage
Cube PX 2500 SPOT LEDPWL 110-SP	Working light application	LEDPWL 110	12/24 V	27 W
Cube PX 3500 SPOT LEDPWL 111-SP	Working light application	LEDPWL 111	12/24 V	33 W
Cube PX 4500 SPOT LEDPWL 112-SP	Working light application	LEDPWL 112	12/24 V	45 W
Cube PX 1500 SPOT LEDPWL 116-SP	Working light application	LEDPWL 116	12/24 V	15 W

Product description	Photometric Data	Capabilities	Certificates & standards	
	Nominal luminous flux	Technology	Type of protection	Standards
Cube PX 2500 SPOT LEDPWL 110-SP	2500 lm	LED	IP6K8/IP6K9K	ECE R10 / CISPR25 / CLASS 5 / FCC part 15b
Cube PX 3500 SPOT LEDPWL 111-SP	3500 lm	LED	IP6K8/IP6K9K	ECE R10 / CISPR25 / CLASS 5 / FCC part 15b
Cube PX 4500 SPOT LEDPWL 112-SP	4500 lm	LED	IP6K8/IP6K9K	ECE R10 / CISPR25 / CLASS 5 / FCC part 15b
Cube PX 1500 SPOT LEDPWL 116-SP	1500 lm	LED	IP6K8/IP6K9K	ECE R10 / CISPR25 / CLASS 5 / FCC part 15b

Product description	Logistical data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	Commodity code	Candidate list substance 1	CAS No. of substance 1	Safe use instruction
Cube PX 2500 SPOT LEDPWL 110-SP	85122000900	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Cube PX 3500 SPOT LEDPWL 111-SP	85122000900	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.







## Product family datasheet

Product description	Logistical data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	Commodity code	Candidate list substance 1	CAS No. of substance 1	Safe use instruction
Cube PX 4500 SPOT LEDPWL 112-SP	85122000900	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Cube PX 1500 SPOT LEDPWL 116-SP	85122000900	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product description	Declaration no. in SCIP database
Cube PX 2500 SPOT LEDPWL 110-SP	db291f73-d034-4c26-929d-b1ddc5f26179
Cube PX 3500 SPOT LEDPWL 111-SP	9fd778a9-1fbf-466e-9f4f-478883f2c7a4
Cube PX 4500 SPOT LEDPWL 112-SP	07f2672d-9dd5-4cda-9af5-dae7b2a200d7
Cube PX 1500 SPOT LEDPWL 116-SP	5f55cf99-57b4-4706-a180-781e6103633d

## Product family datasheet

### 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)
	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

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](http://www.osram.com/am-guarantee)

#### 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.