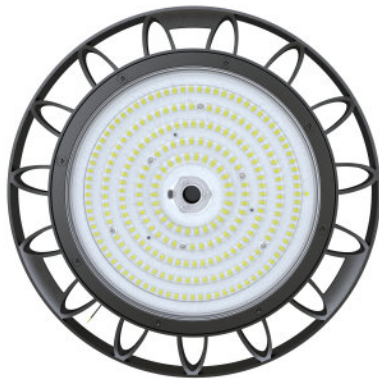




# PRODUCT DATASHEET

## HIGH BAY LED PRO 90 W 6500 K 90° GEN2

LEDVANCE HIGH BAY PRO | LED high-bay luminaires



### AREAS OF APPLICATION

- Industrial and storage facilities
- Production and assembly facilities
- Shopping malls
- Supermarkets
- Loading docks, access areas
- Aircraft hangers
- Train stations
- Airports, stations

### PRODUCT BENEFITS

- Equipment for suspended and pole mounting included
- Unique heat sink design with air channels to increase system reliability
- Low maintenance and operation costs due to long lifetime of LED
- Single piece lens, color stable and shape-retaining even at high temperatures
- High efficiency and reliability

### PRODUCT FEATURES

- Four versions with different luminous flux available
- Luminous efficacy: up to 135 lm/W
- Lifetime: up to 50,000 h
- Beam angle: 90°×90° or 70°×70°
- Color rendering index  $R_a$ :  $\geq 80$
- Power factor:  $> 0.9$
- Impact resistance: IK08



- Type of protection: IP65
- Robust die-cast aluminum housing

## TECHNICAL DATA

### Electrical data

Nominal wattage	90.00 W
Nominal voltage	220...240 V
Power factor $\lambda$	> 0.90
Mains frequency	50/60 Hz

### Photometrical data

Color temperature	6500 K
Luminous efficacy	135 lm/W
Luminous flux	12150 lm
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Light color (designation)	Daylight
Color rendering index Ra	80

### Light technical data

Beam angle	90 °
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### — Dimensions & weight

Diameter	285.0 mm
Height	129.5 mm
Product weight	2700.00 g
Cable length	500 mm

### Colors & materials

Body material	Aluminum
Housing color	Black
Product color	Black

### Temperatures & operating conditions

Ambient temperature range	-30...50 °C
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### Lifespan

Number of switching cycles	50000
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### Additional product data

Mounting location	Ceiling
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## Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Cable, 3-pole
<b>LED module replaceable</b>	Not replaceable

## Certificates &amp; standards

<b>Protection class IK (shock resistance)</b>	IK08
<b>Protection class</b>	I
<b>Type of protection</b>	IP65

## EQUIPMENT / ACCESSORIES

- Clips for optional surface mounting available

## LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075072978	HIGH BAY LED PRO 90 W 6500 K 90° GEN2	Shipping carton box 1	335 mm x 335 mm x 185 mm	20.76 dm <sup>3</sup>	3413.00 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.

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.