



# PRODUCT FAMILY DATASHEET

## LEDVANCE HIGH BAY PRO

### LED high-bay luminaires



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#### AREAS OF APPLICATION

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

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#### 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

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#### 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**

Product description	Electrical data				Photometrical data				Light technical data	Dimensions & weight		
	Nominal wattage	Nominal voltage	Power factor λ	Mains frequency	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra	Beam angle	Diameter	Height	Product weight
HIGH BAY LED PRO 120 W 4000 K 90° GEN2	120.00 W	220...240 V	> 0.90	50/60 Hz	4000 K	16200 lm	Cool White	80	90 °	285.0 mm	129.5 mm	2700.00 g
HIGH BAY LED PRO 120 W 6500 K 90° GEN2	120.00 W	220...240 V	> 0.90	50/60 Hz	6500 K	16200 lm	Daylight	80	90 °	285.0 mm	129.5 mm	2700.00 g
HIGH BAY LED PRO 150 W 4000 K 90° GEN2	150.00 W	220...240 V	> 0.90	50/60 Hz	4000 K	20250 lm	Cool White	80	90 °	320.0 mm	133.0 mm	3100.00 g
HIGH BAY LED PRO 150 W 6500 K 90° GEN2	150.00 W	220...240 V	> 0.90	50/60 Hz	6500 K	20250 lm	Daylight	80	90 °	320.0 mm	133.0 mm	3100.00 g
HIGH BAY LED PRO 200 W 4000 K 90° GEN2	200.00 W	220...240 V	> 0.90	50/60 Hz	4000 K	27000 lm	Cool White	80	90 °	376.0 mm	139.0 mm	4200.00 g
HIGH BAY LED PRO 200 W 6500 K 70° GEN2	200.00 W	220...240 V	> 0.90	50/60 Hz	6500 K	27000 lm	Daylight	80	70 °	376.0 mm	139.0 mm	4200.00 g
HIGH BAY LED PRO 90 W 4000 K 90° GEN2	90.00 W	220...240 V	> 0.90	50/60 Hz	4000 K	12150 lm	Cool White	80	90 °	285.0 mm	129.5 mm	2700.00 g
HIGH BAY LED PRO 90 W 6500 K 90° GEN2	90.00 W	220...240 V	> 0.90	50/60 Hz	6500 K	12150 lm	Daylight	80	90 °	285.0 mm	129.5 mm	2700.00 g

Product description	Colors & materials		Temperatures & operating conditions	Lifespan	Capabilities		Certificates & standards	
	Body material	Product color	Ambient temperature range	Number of switching cycles	Dimmable	Type of connection	Protection class	Type of protection
HIGH BAY LED PRO 120 W 4000 K 90° GEN2	Aluminum	Black	-30...50 °C	50000	No	Cable, 3-pole	I	IP65
HIGH BAY LED PRO 120 W 6500 K 90° GEN2	Aluminum	Black	-30...50 °C	50000	No	Cable, 3-pole	I	IP65

Product description	Colors & materials		Temperatures & operating conditions	Lifespan	Capabilities		Certificates & standards	
	Body material	Product color	Ambient temperature range	Number of switching cycles	Dimmable	Type of connection	Protection class	Type of protection
HIGH BAY LED PRO 150 W 4000 K 90° GEN2	Aluminum	Black	-30...50 °C	50000	No	Cable, 3-pole	I	IP65
HIGH BAY LED PRO 150 W 6500 K 90° GEN2	Aluminum	Black	-30...50 °C	50000	No	Cable, 3-pole	I	IP65
HIGH BAY LED PRO 200 W 4000 K 90° GEN2	Aluminum	Black	-30...50 °C	50000	No	Cable, 3-pole	I	IP65
HIGH BAY LED PRO 200 W 6500 K 70° GEN2	Aluminum	Black	-30...50 °C	50000	No	Cable, 3-pole	I	IP65
HIGH BAY LED PRO 90 W 4000 K 90° GEN2	Aluminum	Black	-30...50 °C	50000	No	Cable, 3-pole	I	IP65
HIGH BAY LED PRO 90 W 6500 K 90° GEN2	Aluminum	Black	-30...50 °C	50000	No	Cable, 3-pole	I	IP65

### EQUIPMENT / ACCESSORIES

- Clips for optional surface mounting available

### APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

### LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075072985	HIGH BAY LED PRO 120 W 4000 K 90° GEN2	Shipping carton box 1	335 mm x 335 mm x 185 mm	20.76 dm <sup>3</sup>	3413.00 g
4058075072992	HIGH BAY LED PRO 120 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

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075073005	HIGH BAY LED PRO 150 W 4000 K 90° GEN2	Shipping carton box 1	355 mm x 355 mm x 190 mm	23.94 dm <sup>3</sup>	3886.00 g
4058075073012	HIGH BAY LED PRO 150 W 6500 K 90° GEN2	Shipping carton box 1	355 mm x 355 mm x 190 mm	23.94 dm <sup>3</sup>	3886.00 g
4058075073029	HIGH BAY LED PRO 200 W 4000 K 90° GEN2	Shipping carton box 1	410 mm x 410 mm x 195 mm	32.78 dm <sup>3</sup>	5213.00 g
4058075073036	HIGH BAY LED PRO 200 W 6500 K 70° GEN2	Shipping carton box 1	410 mm x 410 mm x 195 mm	32.78 dm <sup>3</sup>	5213.00 g
4058075072961	HIGH BAY LED PRO 90 W 4000 K 90° GEN2	Shipping carton box 1	335 mm x 335 mm x 185 mm	20.76 dm <sup>3</sup>	3413.00 g
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.