PRODUCT FAMILY DATASHEET
LED Performance High Bay

LED high-bay luminaires

AREAS OF APPLICATION

- Industrial and storage facilities
- Production and assembly facilities
- Warehouses
- Loading docks
- Train stations
- Aircraft hangers
- Shopping malls
- Supermarkets

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: ≥ 80
- Power factor: > 0.9
- Impact resistance: IK08

– Type of protection: IP65
– Robust die-cast aluminum housing
– CCC marked, CB test certificate

TECHNICAL DATA

Product description	Electrical data			Photometrical data				Light technical data	Dimensions & weight			Colors & materials
	Nominal wattage	Nominal voltage	Mains frequency	Color temper-ature	Luminous flux	Light color (designation)	Color render-ing index Ra	Beam angle	Diameter	Height	Product weight	Body material
LED Performance HighBay 90 W 4000 K GEN2	90.00 W	220…240 V	50/60 Hz	4000 K	12150 lm	Cool White	≥80	90.00 °	285.0 mm	129.5 mm	2970.00 g	Aluminum/ Plastic
LED Performance HighBay 90 W 6500 K GEN2	90.00 W	220…240 V	50/60 Hz	6500 K	12150 lm	Daylight	≥80	90.00 °	285.0 mm	129.5 mm	2970.00 g	Aluminum
LED Performance HighBay 120 W 4000 K GEN2	120.00 W	220…240 V	50/60 Hz	4000 K	16200 lm	Cool White	≥80	90.00 °	285.0 mm	129.5 mm	2970.00 g	Aluminum
LED Performance HighBay 120 W 6500 K GEN2	120.00 W	220…240 V	50/60 Hz	6500 K	16200 lm	Daylight	≥80	90.00 °	285.0 mm	129.5 mm	2970.00 g	Aluminum
LED Performance HighBay 150 W 4000 K GEN2	150.00 W	220…240 V	50/60 Hz	4000 K	20250 lm	Cool White	≥80	90.00 °	320.0 mm	133.0 mm	3250.00 g	Aluminum
LED Performance HighBay 150 W 6500 K GEN2	150.00 W	220…240 V	50/60 Hz	6500 K	20250 lm	Daylight	≥80	90.00 °	320.0 mm	133.0 mm	3250.00 g	Aluminum
LED Performance HighBay 200 W 4000 K GEN2	200.00 W	220…240 V	50/60 Hz	4000 K	27000 lm	Cool White	≥80	70 °	376.0 mm	139.0 mm	4330.00 g	Aluminum
LED Performance HighBay 200 W 6500 K GEN2	200.00 W	220…240 V	50/60 Hz	6500 K	27000 lm	Daylight	≥80	70 °	376.0 mm	139.0 mm	4330.00 g	Aluminum

Product description	Product color	Temperatures & operating conditions	Capabilities		Certificates & standards	
		Ambient temperature range	Dimmable	Type of connection	Protection class	Type of protection
LED Performance HighBay 90 W 4000 K GEN2	Black	-30…50 °C	No	Cable, 3-pole	I	IP65

| Product description | Product color | Temperatures & operating conditions | Capabilities | | Certificates & standards | |
		Ambient temperature range	Dimmable	Type of connection	Protection class	Type of protection
LED Performance HighBay 90 W 6500 K GEN2	Black	-30...50 °C	No	Cable, 3-pole	I	IP65
LED Performance HighBay 120 W 4000 K GEN2	Black	-30...50 °C	No	Cable, 3-pole	I	IP65
LED Performance HighBay 120 W 6500 K GEN2	Black	-30...50 °C	No	Cable, 3-pole	I	IP65
LED Performance HighBay 150 W 4000 K GEN2	Black	-30...50 °C	No	Cable, 3-pole	I	IP65
LED Performance HighBay 150 W 6500 K GEN2	Black	-30...50 °C	No	Cable, 3-pole	I	IP65
LED Performance HighBay 200 W 4000 K GEN2	Black	-30...50 °C	No	Cable, 3-pole	I	IP65
LED Performance HighBay 200 W 6500 K GEN2	Black	-30...50 °C	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
4058075215788	LED Performance HighBay 90 W 4000 K GEN2	Shipping carton box 1	335 mm x 335 mm x 185 mm	20.76 dm³	3513.00 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075215795	LED Performance HighBay 90 W 6500 K GEN2	Shipping carton box 1	335 mm x 335 mm x 185 mm	20.76 dm³	3513.00 g
4058075215801	LED Performance HighBay 120 W 4000 K GEN2	Shipping carton box 1	335 mm x 335 mm x 185 mm	20.76 dm³	3513.00 g
4058075215818	LED Performance HighBay 120 W 6500 K GEN2	Shipping carton box 1	335 mm x 335 mm x 185 mm	20.76 dm³	3513.00 g
4058075215825	LED Performance HighBay 150 W 4000 K GEN2	Shipping carton box 1	355 mm x 355 mm x 190 mm	23.94 dm³	3886.00 g
4058075215832	LED Performance HighBay 150 W 6500 K GEN2	Shipping carton box 1	355 mm x 355 mm x 190 mm	23.94 dm³	3886.00 g
4058075215849	LED Performance HighBay 200 W 4000 K GEN2	Shipping carton box 1	410 mm x 410 mm x 195 mm	32.78 dm³	5213.00 g
4058075215856	LED Performance HighBay 200 W 6500 K GEN2	Shipping carton box 1	410 mm x 410 mm x 195 mm	32.78 dm³	5213.00 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.