

# PRODUCT FAMILY DATASHEET

## LEDVANCE HIGH BAY LED

### LED high-bay luminaires



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#### AREAS OF APPLICATION

- Replacement for high bay luminaires with mercury vapor or metal halide lamps
- Warehouses
- Logistics halls
- Industry
- Indoor and outdoor
- High ceiling (e.g. in shopping malls, airports, commercial buildings, lobbies)

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#### PRODUCT BENEFITS

- High luminous efficacy
- Exclusive LEDVANCE design
- Energy savings of up to 60 % compared to conventional high bay luminaires
- 5 years guarantee
- Optimized weight and size due to compact design

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#### PRODUCT FEATURES

- Luminous efficacy: up to 135 lm/W
- Type of protection: IP65
- Available with beam angle: 70°, 90°, 110°



TECHNICAL DATA

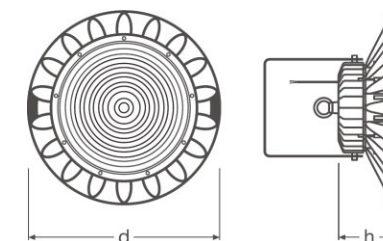
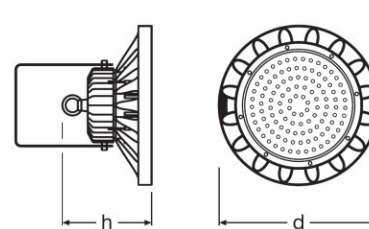
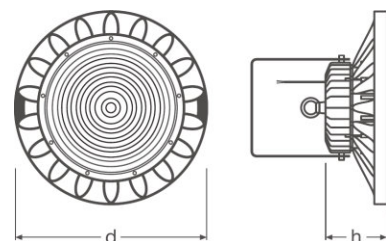
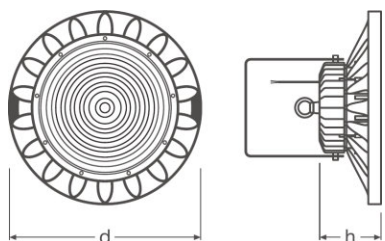
Product description	Electrical data					Photometrical data				Light technical data	Dimensions & weight
	Operating mode	Nominal wattage	Nominal voltage	Power factor $\lambda$	Mains frequency	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra	Beam angle	Diameter
HIGH BAY LED 95 W 4000 K BK 90DEG	Electronic control gear (ECG)	95.00 W	100...240 V	$\geq 0.95$	50/60 Hz	4000 K	13000 lm	Cool White	>80	90.00 °	285.0 mm
HIGH BAY LED 95 W 4000 K BK 110DEG	Electronic control gear (ECG)	95.00 W	100...240 V	$\geq 0.95$	50/60 Hz	4000 K	13000 lm	Cool White	>80	110 °	285.0 mm
HIGH BAY LED 120 W 4000 K BK	Electronic control gear (ECG)	120.00 W	100...240 V	>0.95	50/60 Hz	4000 K	13000 lm	Cool White	>80	90.00 °	295.0 mm
HIGH BAY LED 120 W 6500 K BK	Electronic control gear (ECG)	120.00 W	100...240 V	>0.95	50/60 Hz	6500 K	13200 lm	Cool Daylight	>80	90.00 °	295.0 mm
HIGH BAY LED 165 W 4000 K BK 70DEG	Electronic control gear (ECG)	165.00 W	100...240 V	$\geq 0.95$	50/60 Hz	4000 K	22000 lm	Cool White	>80	70 °	376.0 mm
HIGH BAY LED 200 W 4000 K BK	Electronic control gear (ECG)	200.00 W	100...240 V	>0.95	50/60 Hz	4000 K	22000 lm	Cool White	>80	70 °	380.0 mm
HIGH BAY LED 200 W 4000 K BK 110DEG	Electronic control gear (ECG)	200.00 W	100...240 V	$\geq 0.95$	50/60 Hz	4000 K	27000 lm	Cool White	>80	110 °	376.0 mm
HIGH BAY LED 200 W 6500 K BK	Electronic control gear (ECG)	200.00 W	100...240 V	>0.95	50/60 Hz	6500 K	23000 lm	Cool Daylight	>80	70 °	380.0 mm
HIGH BAY LED 250 W 4000 K BK	Electronic control gear (ECG)	250.00 W	100...240 V	>0.95	50/60 Hz	4000 K	30000 lm	Cool White	$\geq 80$	70 °	452.0 mm
HIGH BAY LED 250 W 6500 K BK	Electronic control gear (ECG)	250.00 W	100...240 V	>0.95	50/60 Hz	6500 K	30000 lm	Cool Daylight	$\geq 80$	70 °	452.0 mm

Product description	Colors & materials					Temperatures & operating conditions	Lifespan	
	Height	Product weight	Body material	Product color	Cover material	Ambient temperature range	Lifespan L70 at 25 °C	Lifespan L80 at 25 °C
HIGH BAY LED 95 W 4000 K BK 90DEG	129.5 mm	2700.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h

Product description	Height	Product weight	Colors & materials			Temperatures & operating conditions	Lifespan	
			Body material	Product color	Cover material	Ambient temperature range	Lifespan L70 at 25 °C	Lifespan L80 at 25 °C
HIGH BAY LED 95 W 4000 K BK 110DEG	129.5 mm	2700.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 120 W 4000 K BK	141.0 mm	4100.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 120 W 6500 K BK	143.0 mm	4000.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 165 W 4000 K BK 70DEG	139.0 mm	4200.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 200 W 4000 K BK	159.0 mm	6300.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 200 W 4000 K BK 110DEG	139.0 mm	4200.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 200 W 6500 K BK	159.0 mm	6000.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 250 W 4000 K BK	160.0 mm	7650.00 g	Aluminum	Black	Polycarbonate (PC)	-30...50 °C	50000 h	35000 h
HIGH BAY LED 250 W 6500 K BK	160.0 mm	7650.00 g	Aluminum	Black	Polycarbonate (PC)	-30...50 °C	50000 h	35000 h

Product description	Lifespan L90 at 25 °C	Number of switching cycles	Capabilities		Certificates & standards		
			Dimmable	Type of connection	Luminous efficacy of lamp in luminaire	Protection class	Type of protection
HIGH BAY LED 95 W 4000 K BK 90DEG	20000 h	50000	No	Cable, 3-pole	135 lm/W	I	IP65
HIGH BAY LED 95 W 4000 K BK 110DEG	20000 h	50000	No	Cable, 3-pole	135 lm/W	I	IP65
HIGH BAY LED 120 W 4000 K BK	20000 h	30000	No	Cable, 3-pole	110 lm/W	I	IP65
HIGH BAY LED 120 W 6500 K BK	20000 h	30000	No	Cable, 3-pole	110 lm/W	I	IP65
HIGH BAY LED 165 W 4000 K BK 70DEG	20000 h	50000	No	Cable, 3-pole	135 lm/W	I	IP65
HIGH BAY LED 200 W 4000 K BK	20000 h	30000	No	Cable, 3-pole	110 lm/W	I	IP65
HIGH BAY LED 200 W 4000 K BK 110DEG	20000 h	50000	No	Cable, 3-pole	135 lm/W	I	IP65
HIGH BAY LED 200 W 6500 K BK	20000 h	30000	No	Cable, 3-pole	110 lm/W	I	IP65
HIGH BAY LED 250 W 4000 K BK	20000 h	30000	No	Cable, 3-pole		I	IP65
HIGH BAY LED 250 W 6500 K BK	20000 h	30000	No	Cable, 3-pole		I	IP65

Product description	Standards
HIGH BAY LED 95 W 4000 K BK 90DEG	CE/CB/TÜV SÜD
HIGH BAY LED 95 W 4000 K BK 110DEG	CE/CB/TÜV SÜD
HIGH BAY LED 120 W 4000 K BK	CE/CB/TÜV SÜD/EAC/RoHS
HIGH BAY LED 120 W 6500 K BK	CE/CB/TÜV SÜD/EAC/RoHS
HIGH BAY LED 165 W 4000 K BK 70DEG	CE/CB/TÜV SÜD/RoHS
HIGH BAY LED 200 W 4000 K BK	CE/CB/TÜV SÜD/EAC/RoHS
HIGH BAY LED 200 W 4000 K BK 110DEG	CE/CB/TÜV SÜD
HIGH BAY LED 200 W 6500 K BK	CE/CB/TÜV SÜD/EAC/RoHS
HIGH BAY LED 250 W 4000 K BK	CE/CB/TÜV SÜD/EAC/RoHS
HIGH BAY LED 250 W 6500 K BK	CE/CB/TÜV SÜD/EAC/RoHS

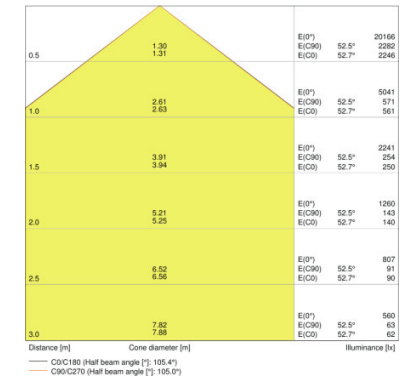
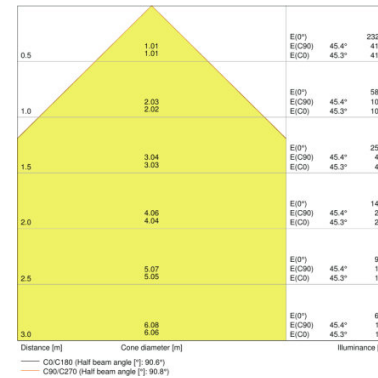
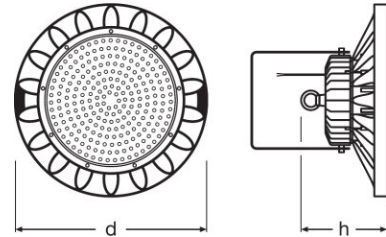
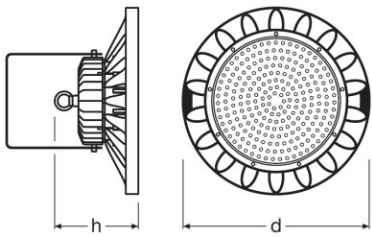


HIGH BAY LED 95 W 4000 K BK 90DEG

HIGH BAY LED 95 W 4000 K BK 110DEG

HIGH BAY LED 120 W 4000 K BK, HIGH BAY LED 120 W 6500 K BK

HIGH BAY LED 165 W 4000 K BK 70DEG, HIGH BAY LED 200 W 4000 K BK 110DEG

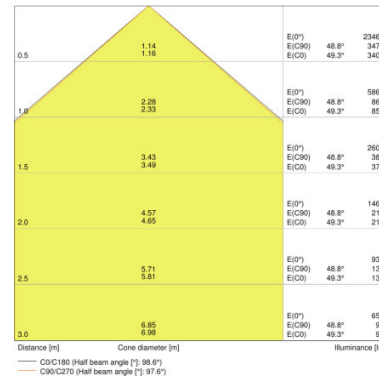
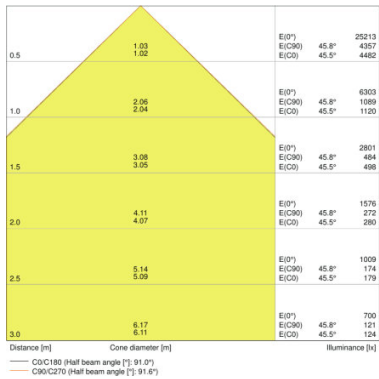


HIGH BAY LED 200 W 4000 K BK, HIGH BAY LED 200 W 6500 K BK

HIGH BAY LED 250 W 4000 K BK, HIGH BAY LED 250 W 6500 K BK

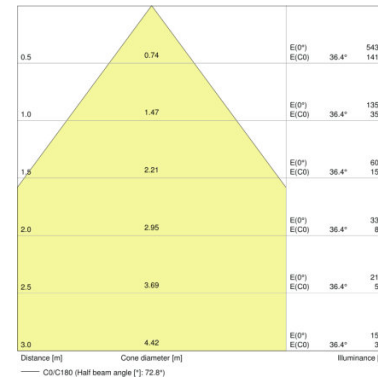
HIGH BAY LED 95 W 4000 K BK 90DEG

HIGH BAY LED 95 W 4000 K BK 110DEG

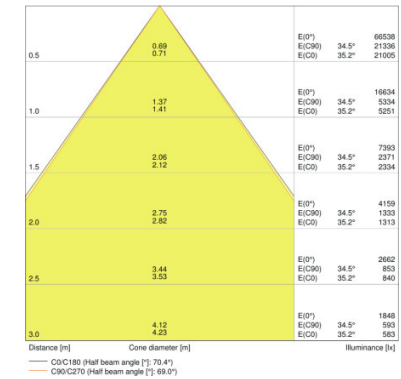


HIGH BAY LED 120 W 4000 K BK

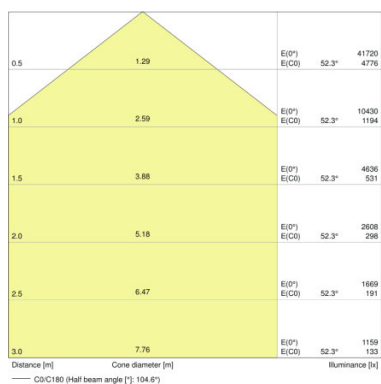
HIGH BAY LED 120 W 6500 K BK



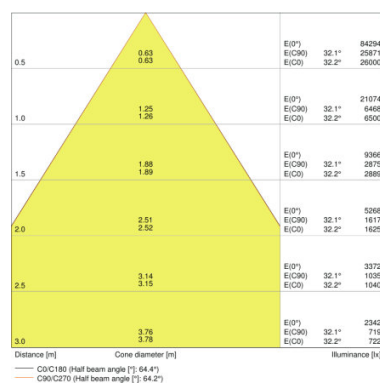
HIGH BAY LED 165 W 4000 K BK 70DEG



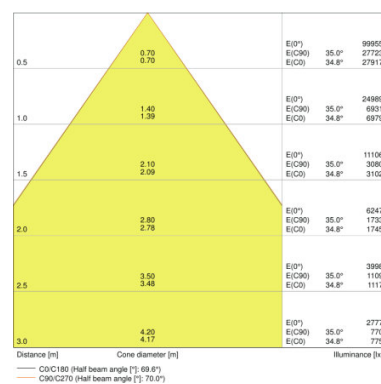
HIGH BAY LED 200 W 4000 K BK



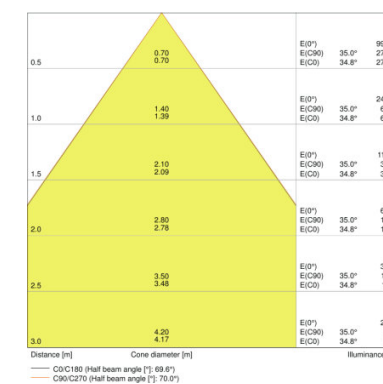
HIGH BAY LED 200 W 4000 K BK 110DEG



HIGH BAY LED 200 W 6500 K BK



HIGH BAY LED 250 W 4000 K BK



HIGH BAY LED 250 W 6500 K BK

**EQUIPMENT / ACCESSORIES**

- Mounting hook and brackets included

**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
4058075074330	HIGH BAY LED 95 W 4000 K BK 90DEG	Shipping carton box 1	334 mm x 334 mm x 188 mm	20.97 dm <sup>3</sup>	3170.00 g
4058075074354	HIGH BAY LED 95 W 4000 K BK 110DEG	Shipping carton box 1	334 mm x 334 mm x 188 mm	20.97 dm <sup>3</sup>	3170.00 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075001039	HIGH BAY LED 120 W 4000 K BK	Shipping carton box 1	335 mm x 335 mm x 215 mm	24.13 dm <sup>3</sup>	4665.00 g
4058075811041	HIGH BAY LED 120 W 6500 K BK	Shipping carton box 1	335 mm x 335 mm x 215 mm	24.13 dm <sup>3</sup>	4822.00 g
4058075074361	HIGH BAY LED 165 W 4000 K BK 70DEG	Shipping carton box 1	409 mm x 409 mm x 198 mm	33.12 dm <sup>3</sup>	4867.00 g
4058075001053	HIGH BAY LED 200 W 4000 K BK	Shipping carton box 1	418 mm x 418 mm x 231 mm	40.36 dm <sup>3</sup>	7216.00 g
4058075074385	HIGH BAY LED 200 W 4000 K BK 110DEG	Shipping carton box 1	409 mm x 409 mm x 198 mm	33.12 dm <sup>3</sup>	4867.00 g
4058075811058	HIGH BAY LED 200 W 6500 K BK	Shipping carton box 1	418 mm x 418 mm x 231 mm	40.36 dm <sup>3</sup>	7476.00 g
4058075814776	HIGH BAY LED 250 W 4000 K BK	Shipping carton box 1	487 mm x 487 mm x 235 mm	55.73 dm <sup>3</sup>	8550.00 g
4058075814783	HIGH BAY LED 250 W 6500 K BK	Shipping carton box 1	487 mm x 487 mm x 235 mm	55.73 dm <sup>3</sup>	8613.00 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.

## REFERENCES / LINKS

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

## DISCLAIMER

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