

PRODUCT FAMILY DATASHEET

LEDVANCE HIGH BAY LED

LED high-bay luminaires



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)

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

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
	Operating mode	Nominal wattage	Nominal voltage	Mains frequency	Power factor λ	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra	Standard deviation of color matching	Beam angle
HIGH BAY LED 95 W 4000 K BK 90DEG ¹⁾	Electronic control gear (ECG)	95.00 W	100...240 V	50/60 Hz	>0.90	4000 K	13000 lm	Cool White	>80	≤5 sdcM	90.00 °
HIGH BAY LED 95 W 4000 K BK 110DEG ¹⁾	Electronic control gear (ECG)	95.00 W	100...240 V	50/60 Hz	>0.90	4000 K	13000 lm	Cool White	>80	≤5 sdcM	110 °
HIGH BAY LED 120 W 4000 K BK	Electronic control gear (ECG)	120.00 W	100...240 V	50/60 Hz	>0.95	4000 K	13000 lm	Cool White	>80	≤5 sdcM	90.00 °
HIGH BAY LED 120 W 6500 K BK	Electronic control gear (ECG)	120.00 W	100...240 V	50/60 Hz	>0.95	6500 K	13200 lm	Cool Daylight	>80	≤5 sdcM	90.00 °
HIGH BAY LED 200 W 4000 K BK	Electronic control gear (ECG)	200.00 W	100...240 V	50/60 Hz	>0.95	4000 K	22000 lm	Cool White	>80	≤5 sdcM	70 °
HIGH BAY LED 200 W 4000 K BK 110DEG ¹⁾	Electronic control gear (ECG)	200.00 W	100...240 V	50/60 Hz	>0.90	4000 K	27000 lm	Cool White	>80	≤5 sdcM	110 °
HIGH BAY LED 200 W 6500 K BK	Electronic control gear (ECG)	200.00 W	100...240 V	50/60 Hz	>0.95	6500 K	23000 lm	Cool Daylight	>80	≤5 sdcM	70 °
HIGH BAY LED 250 W 4000 K BK	Electronic control gear (ECG)	250.00 W	100...240 V	50/60 Hz	>0.95	4000 K	30000 lm	Cool White	≥80	≤5 sdcM	70 °
HIGH BAY LED 250 W 6500 K BK	Electronic control gear (ECG)	250.00 W	100...240 V	50/60 Hz	>0.95	6500 K	30000 lm	Cool Daylight	≥80	≤5 sdcM	70 °

Product description	Dimensions & weight			Colors & materials			Temperatures & operating conditions	Lifespan	
	Diameter	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 ¹⁾	285.0 mm	129.5 mm	2700.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 95 W 4000 K BK 110DEG ¹⁾	285.0 mm	129.5 mm	2700.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 120 W 4000 K BK	295.0 mm	141.0 mm	4100.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h

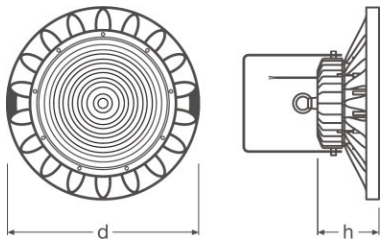
Product description	Dimensions & weight			Colors & materials			Temperatures & operating conditions	Lifespan	
	Diameter	Height	Product weight	Body material	Product color	Cover material	Ambient temperature range	Lifespan L70 at 25 °C	Lifespan L80 at 25 °C
HIGH BAY LED 120 W 6500 K BK	295.0 mm	143.0 mm	4000.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 200 W 4000 K BK	380.0 mm	159.0 mm	6300.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 200 W 4000 K BK 110DEG ¹⁾	376.0 mm	139.0 mm	4200.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 200 W 6500 K BK	380.0 mm	159.0 mm	6000.00 g	Aluminum	Black		-30...50 °C	50000 h	35000 h
HIGH BAY LED 250 W 4000 K BK	452.0 mm	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	452.0 mm	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 ¹⁾	20000 h	15000	No	Cable, 3-pole	135 lm/W	I	IP65
HIGH BAY LED 95 W 4000 K BK 110DEG ¹⁾	20000 h	15000	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 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 ¹⁾	20000 h	15000	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

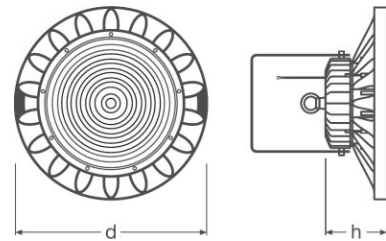
Product description	Standards	Protection class IK (shock resistance)
HIGH BAY LED 95 W 4000 K BK 90DEG ¹⁾	CE/CB/TÜV SÜD	IK08
HIGH BAY LED 95 W 4000 K BK 110DEG ¹⁾	CE/CB/TÜV SÜD	IK08

Product description	Standards	Protection class IK (shock resistance)
HIGH BAY LED 120 W 4000 K BK	CE/CB/TÜV SÜD/EAC/RoHS	IK08
HIGH BAY LED 120 W 6500 K BK	CE/CB/TÜV SÜD/EAC/RoHS	IK08
HIGH BAY LED 200 W 4000 K BK	CE/CB/TÜV SÜD/EAC/RoHS	IK08
HIGH BAY LED 200 W 4000 K BK 110DEG ¹⁾	CE/CB/TÜV SÜD	IK08
HIGH BAY LED 200 W 6500 K BK	CE/CB/TÜV SÜD/EAC/RoHS	IK08
HIGH BAY LED 250 W 4000 K BK	CE/CB/TÜV SÜD/EAC/RoHS	IK08
HIGH BAY LED 250 W 6500 K BK	CE/CB/TÜV SÜD/EAC/RoHS	IK08

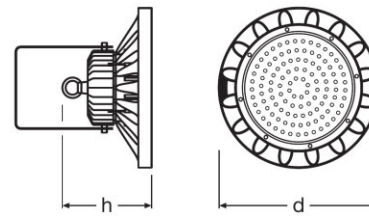
¹⁾ Available from December 2017



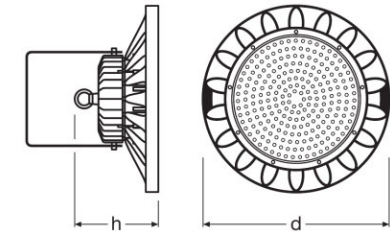
HIGH BAY LED 95 W 4000 K BK 90DEG



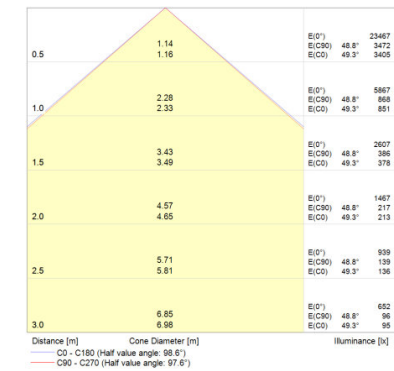
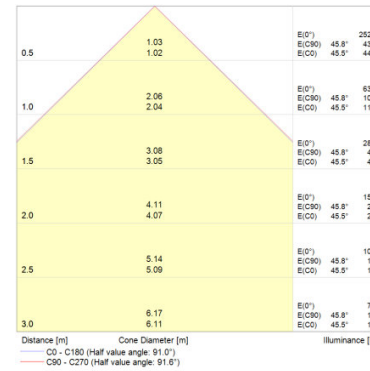
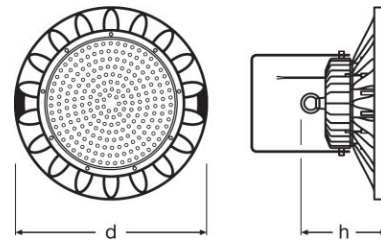
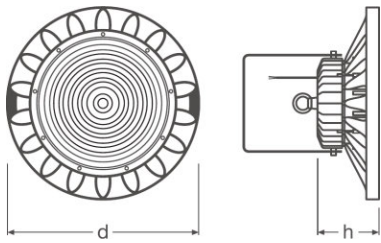
HIGH BAY LED 95 W 4000 K BK 110DEG



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



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

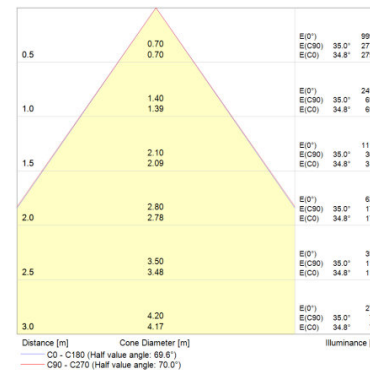
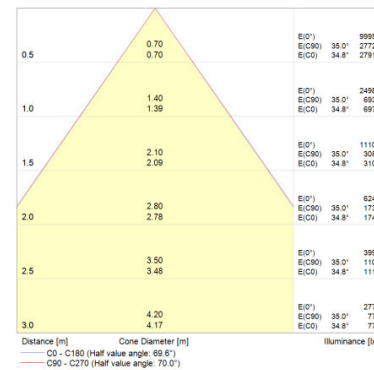
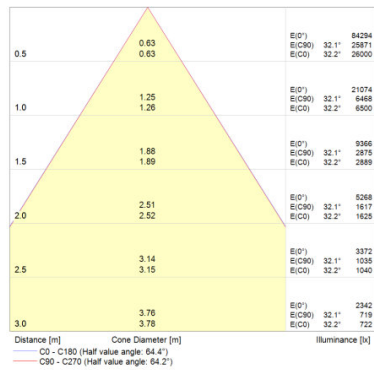


HIGH BAY LED 200 W 4000 K BK
110DEG

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

HIGH BAY LED 120 W 4000 K BK

HIGH BAY LED 120 W 6500 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

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 ³	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 ³	3170.00 g
4058075001039	HIGH BAY LED 120 W 4000 K BK	Shipping carton box 1	335 mm x 335 mm x 215 mm	24.13 dm ³	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 ³	4822.00 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 ³	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 ³	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 ³	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 ³	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 ³	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

DISCLAIMER

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