

PRODUCT FAMILY DATASHEET

HIGH BAY Gen 2

High-bay luminaires up to 135 lm/W



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

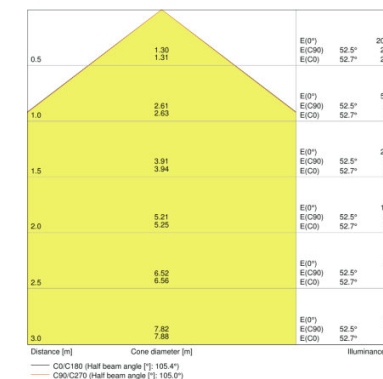
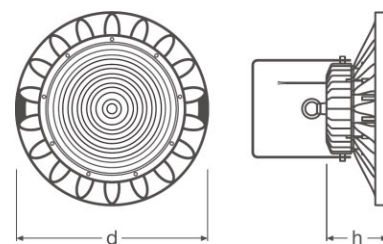
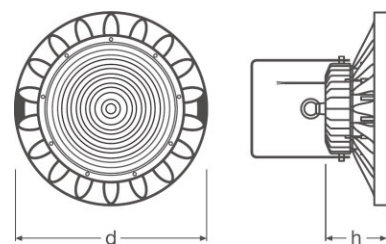
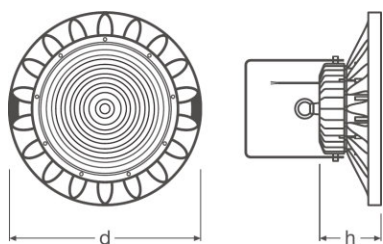
Product description	Electrical data				Luminaire control gear data	Photometrical data				Light technical data	Dimensions & weight
	Nominal wattage	Nominal voltage	Power factor λ	Mains frequency	Output current	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra	Beam angle	Diameter
HB 95 W 4000 K 110DEG BK IP65	95.00 W	100...240 V	≥0.95	50/60 Hz	400 mA	4000 K	13000 lm	Cool White	>80	110 °	285.0 mm
HB 95 W 4000 K 90DEG IP65 BK	95.00 W	100...240 V	≥0.95	50/60 Hz	400 mA	4000 K	13000 lm	Cool White	>80	90 °	285.0 mm
HB 95 W 6500 K 90DEG IP65 BK	95.00 W	100...240 V	≥0.95	50/60 Hz		6500 K	13000 lm	Cool Daylight	>80	90.00 °	285.0 mm
HB 165 W 4000 K 70DEG BK IP65	165.00 W	100...240 V	≥0.95	50/60 Hz		4000 K	22000 lm	Cool White	>80	70 °	376.0 mm
HB 165 W 6500 K 70DEG IP65 BK	165.00 W	100...240 V	≥0.95	50/60 Hz		6500 K	22000 lm	Cool Daylight	>80	70 °	376.0 mm
HB 200 W 4000 K 110DEG IP65 BK	200.00 W	100...240 V	≥0.95	50/60 Hz		4000 K	27000 lm	Cool White	>80	110 °	376.0 mm

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
HB 95 W 4000 K 110DEG BK IP65	129.5 mm	3135.00 g	Aluminum	Black	Polycarbonate (PC)	-30...50 °C	50000 h	35000 h
HB 95 W 4000 K 90DEG IP65 BK	129.5 mm	3135.00 g	Aluminum	Black	Polycarbonate (PC)	-30...50 °C	50000 h	35000 h
HB 95 W 6500 K 90DEG IP65 BK	129.5 mm	3135.00 g	Aluminum	Black	Polycarbonate (PC)	-30...50 °C	50000 h	35000 h
HB 165 W 4000 K 70DEG BK IP65	139.0 mm	4365.00 g	Aluminum	Black	Polycarbonate (PC)	-30...50 °C	50000 h	35000 h
HB 165 W 6500 K 70DEG IP65 BK	139.0 mm	4365.00 g	Aluminum	Black	Polycarbonate (PC)	-30...50 °C	50000 h	35000 h
HB 200 W 4000 K 110DEG IP65 BK	139.0 mm	4365.00 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	Ball shot safe	Protection class	Type of protection
HB 95 W 4000 K 110DEG BK IP65	20000 h	50000	No	Cable, 3-pole	No	I	IP65
HB 95 W 4000 K 90DEG IP65 BK	20000 h	50000	No	Cable, 3-pole	No	I	IP65
HB 95 W 6500 K 90DEG IP65 BK	20000 h	50000	No	Cable, 3-pole	No	I	IP65
HB 165 W 4000 K 70DEG BK IP65	20000 h	50000	No	Cable, 3-pole	No	I	IP65
HB 165 W 6500 K 70DEG IP65 BK	20000 h	50000	No	Cable, 3-pole	No	I	IP65

Product description	Lifespan L90 at 25 °C	Number of switching cycles	Capabilities			Certificates & standards	
			Dimmable	Type of connection	Ball shot safe	Protection class	Type of protection
HB 200 W 4000 K 110DEG IP65 BK	20000 h	50000	No	Cable, 3-pole	No	I	IP65

Product description	Standards
HB 95 W 4000 K 110DEG BK IP65	CE/CB/TÜV SÜD/RoHS
HB 95 W 4000 K 90DEG IP65 BK	CE/CB/TÜV SÜD/RoHS
HB 95 W 6500 K 90DEG IP65 BK	CE/CB/TÜV SÜD/RoHS
HB 165 W 4000 K 70DEG BK IP65	CE/CB/TÜV SÜD/RoHS
HB 165 W 6500 K 70DEG IP65 BK	CE/CB/TÜV SÜD/RoHS
HB 200 W 4000 K 110DEG IP65 BK	CE/CB/TÜV SÜD/RoHS

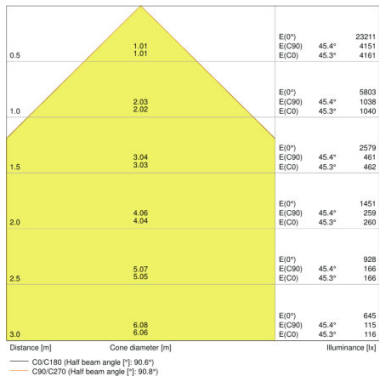


HB 95 W 4000 K 110DEG BK IP65

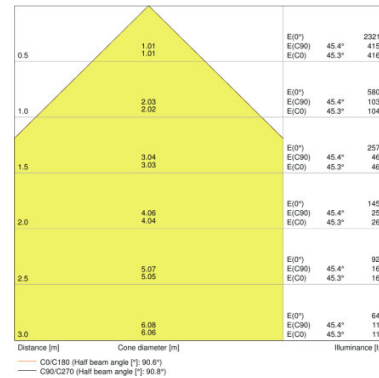
HB 95 W 4000 K 90DEG IP65 BK, HB 95 W 6500 K 90DEG IP65 BK

HB 165 W 4000 K 70DEG BK IP65, HB 165 W 6500 K 70DEG IP65 BK, HB 200 W 4000 K 110DEG IP65 BK

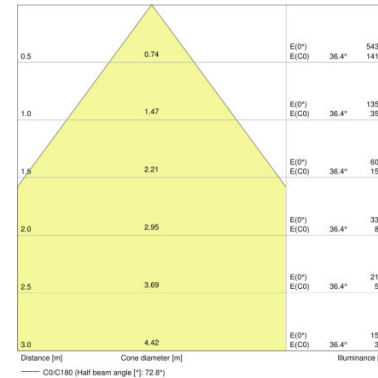
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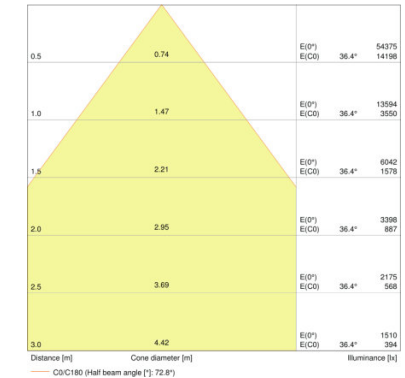
HB 95 W 4000 K 90DEG IP65 BK



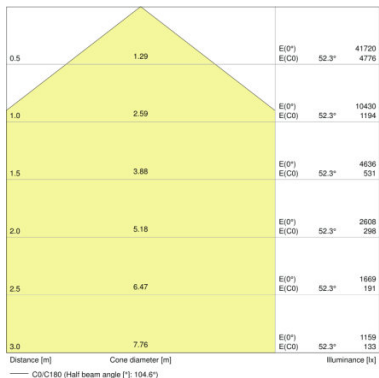
HB 95 W 6500 K 90DEG IP65 BK



HB 165 W 4000 K 70DEG BK IP65



HB 165 W 6500 K 70DEG IP65 BK



HB 200 W 4000 K 110DEG IP65 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
4058075074354	HB 95 W 4000 K 110DEG BK IP65	Shipping carton box 1	334 mm x 334 mm x 188 mm	20.97 dm ³	4042.00 g
4058075074330	HB 95 W 4000 K 90DEG IP65 BK	Shipping carton box 1	334 mm x 334 mm x 188 mm	20.97 dm ³	4034.00 g
4058075074347	HB 95 W 6500 K 90DEG IP65 BK	Shipping carton box 1	334 mm x 334 mm x 188 mm	20.97 dm ³	3605.00 g
4058075074361	HB 165 W 4000 K 70DEG BK IP65	Shipping carton box 1	409 mm x 409 mm x 198 mm	33.12 dm ³	5761.00 g
4058075074378	HB 165 W 6500 K 70DEG IP65 BK	Shipping carton box 1	409 mm x 409 mm x 198 mm	33.12 dm ³	5032.00 g
4058075074385	HB 200 W 4000 K 110DEG IP65 BK	Shipping carton box 1	409 mm x 409 mm x 198 mm	33.12 dm ³	5709.00 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.