

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			
	Nominal wattage	Nominal voltage	Power factor λ	Mains frequency	Ouput current	Max. no. of lum. on circuit break. B16 A	Max. no. of lum. on circuit break. C10 A	Max. no. of lum. on circuit break. C16 A
HB 95 W 4000 K 110DEG BK IP65	95.00 W	100...240 V	≥ 0.95	50/60 Hz	400 mA	7	8	13
HB 95 W 4000 K 90DEG IP65 BK	95.00 W	100...240 V	≥ 0.95	50/60 Hz	400 mA	7	8	13
HB 95 W 6500 K 90DEG IP65 BK	95.00 W	100...240 V	≥ 0.95	50/60 Hz	400 mA	7	8	13
HB 165 W 4000 K 70DEG BK IP65	165.00 W	100...240 V	≥ 0.95	50/60 Hz	630 mA	13	10	15
HB 165 W 6500 K 70DEG IP65 BK	165.00 W	100...240 V	≥ 0.95	50/60 Hz	630 mA	13	10	15
HB 200 W 4000 K 110DEG IP65 BK	200.00 W	100...240 V	≥ 0.95	50/60 Hz	810 mA	13	9	14

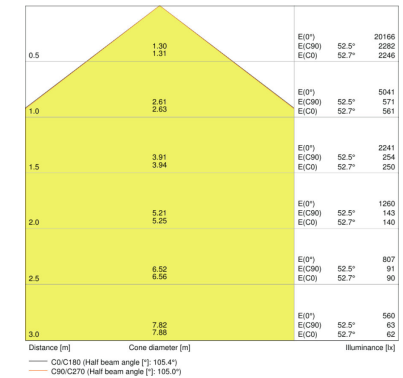
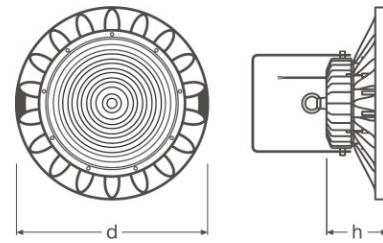
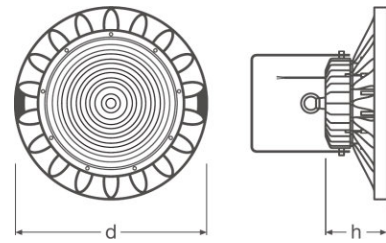
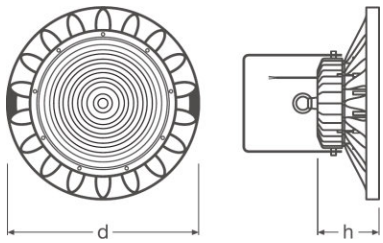
Product description	Photometrical data				Light technical data	Dimensions & weight			Colors & materials		
	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra		Beam angle	Diameter	Height	Product weight	Body material	Housing color
HB 95 W 4000 K 110DEG BK IP65	4000 K	13000 lm	Cool White	>80	110 °	285.0 mm	129.5 mm	3135.00 g	Aluminum	Black	Black
HB 95 W 4000 K 90DEG IP65 BK	4000 K	13000 lm	Cool White	>80	90 °	285.0 mm	129.5 mm	3135.00 g	Aluminum	Black	Black
HB 95 W 6500 K 90DEG IP65 BK	6500 K	13000 lm	Cool Daylight	>80	90.00 °	285.0 mm	129.5 mm	3135.00 g	Aluminum	Black	Black
HB 165 W 4000 K 70DEG BK IP65	4000 K	22000 lm	Cool White	>80	70 °	376.0 mm	139.0 mm	4365.00 g	Aluminum	Black	Black
HB 165 W 6500 K 70DEG IP65 BK	6500 K	22000 lm	Cool Daylight	>80	70 °	376.0 mm	139.0 mm	4365.00 g	Aluminum	Black	Black
HB 200 W 4000 K 110DEG IP65 BK	4000 K	27000 lm	Cool White	>80	110 °	376.0 mm	139.0 mm	4365.00 g	Aluminum	Black	Black

Product description	Cover material	Temperatures & operating conditions	Lifespan			Number of switching cycles	Capabilities
		Ambient temperature range	Lifespan L70/B50 at 25 °C	Lifespan L80/B10 at 25 °C	Lifespan L90/B10 at 25 °C		Adjustable
HB 95 W 4000 K 110DEG BK IP65	Polycarbonate (PC)	-30...+50 °C	50000 h	35000 h	20000 h	50000	Yes
HB 95 W 4000 K 90DEG IP65 BK	Polycarbonate (PC)	-30...+50 °C	50000 h	35000 h	20000 h	50000	Yes
HB 95 W 6500 K 90DEG IP65 BK	Polycarbonate (PC)	-30...+50 °C	50000 h	35000 h	20000 h	50000	Yes
HB 165 W 4000 K 70DEG BK IP65	Polycarbonate (PC)	-30...+50 °C	50000 h	35000 h	20000 h	50000	Yes
HB 165 W 6500 K 70DEG IP65 BK	Polycarbonate (PC)	-30...+50 °C	50000 h	35000 h	20000 h	50000	Yes

Product description	Cover material	Temperatures & operating conditions	Lifespan				Capabilities
		Ambient temperature range	Lifespan L70/B50 at 25 °C	Lifespan L80/B10 at 25 °C	Lifespan L90/B10 at 25 °C	Number of switching cycles	Adjustable
HB 200 W 4000 K 110DEG IP65 BK	Polycarbonate (PC)	-30...+50 °C	50000 h	35000 h	20000 h	50000	Yes

Product description	Dimmable	Type of connection	Ball shot safe	Certificates & standards		
				Protection class	Type of protection	Luminaire with limited surface temperature, class "D"
HB 95 W 4000 K 110DEG BK IP65	No	Cable, 3-pole	No	I	IP65	Yes
HB 95 W 4000 K 90DEG IP65 BK	No	Cable, 3-pole	No	I	IP65	Yes
HB 95 W 6500 K 90DEG IP65 BK	No	Cable, 3-pole	No	I	IP65	Yes
HB 165 W 4000 K 70DEG BK IP65	No	Cable, 3-pole	No	I	IP65	Yes
HB 165 W 6500 K 70DEG IP65 BK	No	Cable, 3-pole	No	I	IP65	Yes
HB 200 W 4000 K 110DEG IP65 BK	No	Cable, 3-pole	No	I	IP65	Yes

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

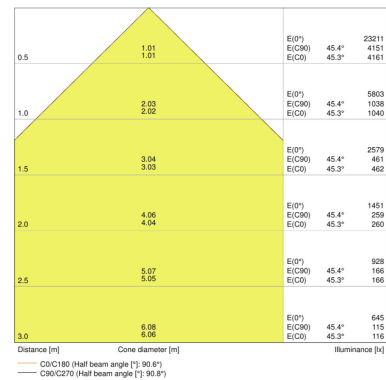
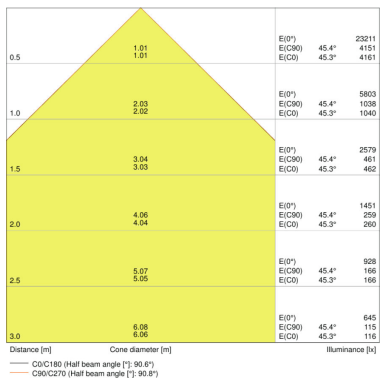


HB 95 W 4000 K 110DEG BK IP65

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

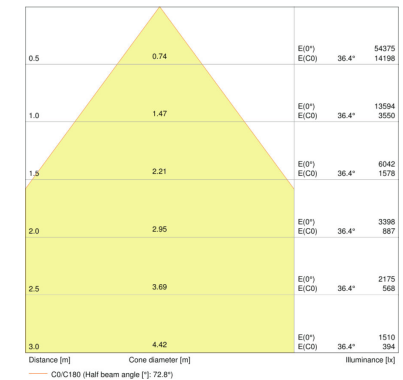
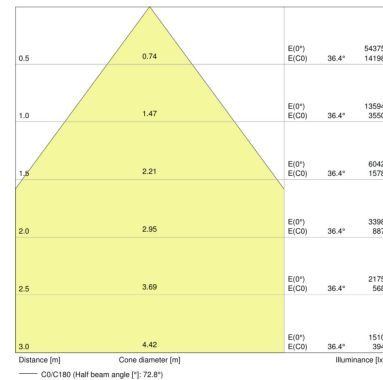
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HB 95 W 4000 K 110DEG BK IP65



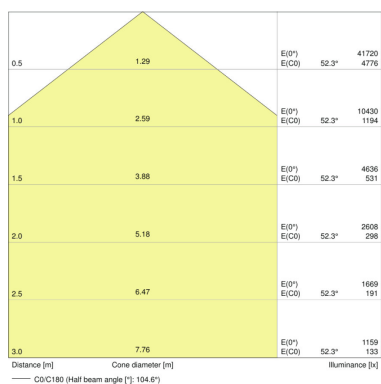
HB 95 W 4000 K 90DEG IP65 BK

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

EQUIPMENT / ACCESSORIES

- Mounting hook and brackets included

APPLICATION ADVICE

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075074354	Shipping carton box 1	335 mm x 335 mm x 188 mm	4042.00 g	21.10 dm ³
4058075074330	Shipping carton box 1	335 mm x 335 mm x 188 mm	4034.00 g	21.10 dm ³
4058075074347	Shipping carton box 1	335 mm x 335 mm x 188 mm	3605.00 g	21.10 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075074361	Shipping carton box 1	410 mm x 410 mm x 198 mm	5761.00 g	33.28 dm ³
4058075074378	Shipping carton box 1	410 mm x 410 mm x 198 mm	5032.00 g	33.28 dm ³
4058075074385	Shipping carton box 1	410 mm x 410 mm x 198 mm	5709.00 g	33.28 dm ³

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

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