

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
- High ceiling (e.g. in shopping malls, airports, commercial buildings, lobbies)

PRODUCT BENEFITS

- High luminous efficacy
- 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

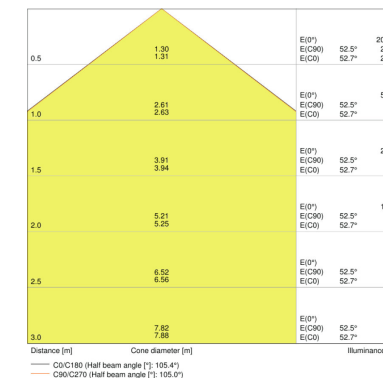
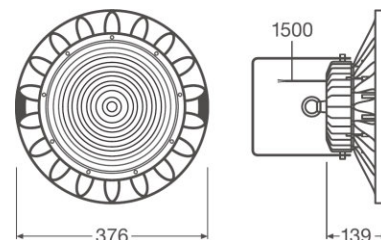
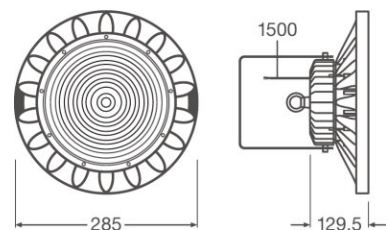
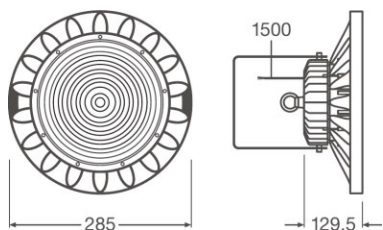
| Product description | Electrical data | | | | Luminaire control gear data | Photometrical data | | | | Light technical data | Dimensions & weight |
|--------------------------------|-----------------|-----------------|------------------------|-----------------|-----------------------------|--------------------|---------------|---------------------------|--------------------------|----------------------|---------------------|
| | 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 | 400 mA | 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 | 630 mA | 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 | 630 mA | 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 | 810 mA | 4000 K | 27000 lm | Cool White | >80 | 110 ° | 376.0 mm |

| Product description | Height | Product weight | Colors & materials | | | | Temperatures & operating conditions | Lifespan | |
|--------------------------------|----------|----------------|--------------------|---------------|---------------|--------------------|-------------------------------------|---------------------------|---------------------------|
| | | | Body material | Housing color | Product color | Cover material | Ambient temperature range | Lifespan L70/B50 at 25 °C | Lifespan L80/B10 at 25 °C |
| HB 95 W 4000 K 110DEG BK IP65 | 129.5 mm | 3135.00 g | Aluminum | Black | 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 | 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 | 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 | 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 | 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 | Black | Polycarbonate (PC) | -30...+50 °C | 50000 h | 35000 h |

| Product description | Lifespan L90/B10 at 25 °C | Number of switching cycles | Capabilities | | | |
|-------------------------------|---------------------------|----------------------------|--------------|----------|--------------------|----------------|
| | | | Adjustable | Dimmable | Type of connection | Ball shot safe |
| HB 95 W 4000 K 110DEG BK IP65 | 20000 h | 50000 | Yes | No | Cable, 3-pole | No |
| HB 95 W 4000 K 90DEG IP65 BK | 20000 h | 50000 | Yes | No | Cable, 3-pole | No |
| HB 95 W 6500 K 90DEG IP65 BK | 20000 h | 50000 | Yes | No | Cable, 3-pole | No |
| HB 165 W 4000 K 70DEG BK IP65 | 20000 h | 50000 | Yes | No | Cable, 3-pole | No |

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|--------------------------------|---------------------------|----------------------------|--------------|----------|--------------------|----------------|
| | | | Adjustable | Dimmable | Type of connection | Ball shot safe |
| HB 165 W 6500 K 70DEG IP65 BK | 20000 h | 50000 | Yes | No | Cable, 3-pole | No |
| HB 200 W 4000 K 110DEG IP65 BK | 20000 h | 50000 | Yes | No | Cable, 3-pole | No |

| Product description | Certificates & standards | | | |
|--------------------------------|--------------------------|--------------------|---|--------------------|
| | Protection class | Type of protection | Luminaire with limited surface temperature, class "D" | Standards |
| HB 95 W 4000 K 110DEG BK IP65 | I | IP65 | Yes | CE/CB/TÜV SÜD/RoHS |
| HB 95 W 4000 K 90DEG IP65 BK | I | IP65 | Yes | CE/CB/TÜV SÜD/RoHS |
| HB 95 W 6500 K 90DEG IP65 BK | I | IP65 | Yes | CE/CB/TÜV SÜD/RoHS |
| HB 165 W 4000 K 70DEG BK IP65 | I | IP65 | Yes | CE/CB/TÜV SÜD/RoHS |
| HB 165 W 6500 K 70DEG IP65 BK | I | IP65 | Yes | CE/CB/TÜV SÜD/RoHS |
| HB 200 W 4000 K 110DEG IP65 BK | I | IP65 | Yes | CE/CB/TÜV SÜD/RoHS |

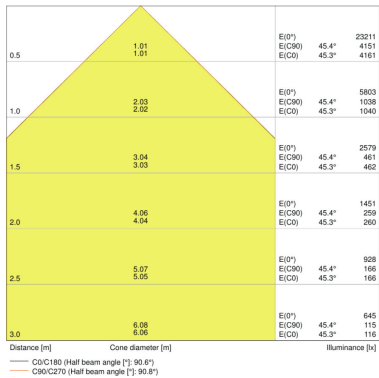


HB 95 W 4000 K 110DEG BK IP65

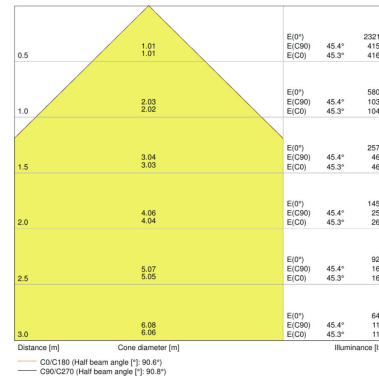
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HB 165 W 4000 K 70DEG BK IP65, HB 165 W 6500 K 70DEG IP65 BK, HB 200 W 4000 K 110DEG IP65 BK

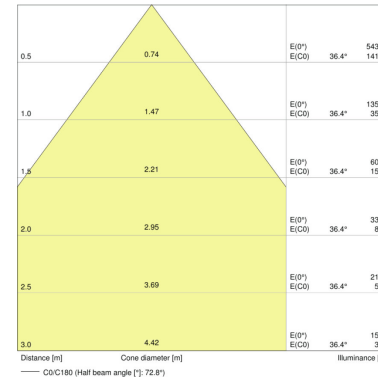
HB 95 W 4000 K 110DEG BK IP65



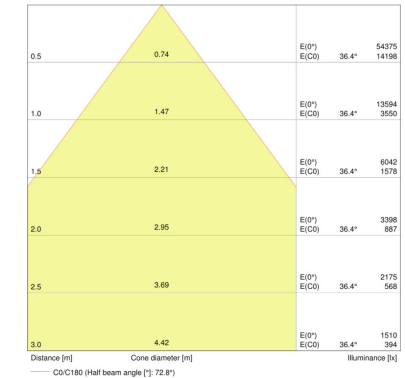
HB 95 W 4000 K 90DEG IP65 BK



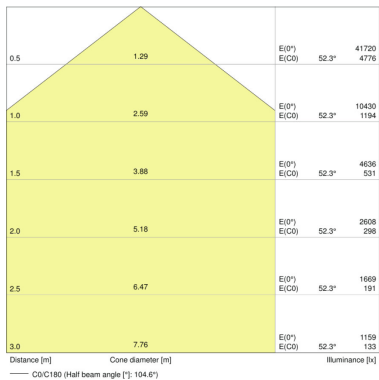
HB 95 W 6500 K 90DEG IP65 BK



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 |
| 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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