

PRODUCT DATASHEET

LED PERFORMANCE TRI CCT HIGHBAY 60 W/ 80 W/ 100 W

LED PERFORMANCE TRI CCT HIGHBAY | High-bay luminaires



Areas of application

- Warehouses
- Logistics halls
- Factory
- Public areas

Product benefits

- Reducing 90% stock thanks to selectable CCT and selectable power
- Energy savings thanks to system efficacy of up to 150 lm/W
- Die-cast housing and UV resistant PC lens offer durable service
- Low maintenance costs thanks to long lifetime

Product features

- Input voltage: 100 - 277V AC
- Selectable color temperature: 6500K, 5000K and 4000K
- Selectable wattage 200W/150W/125W in 200W
- Selectable wattage 100W/80W/60W in 100W
- Color rendering index $R_a \geq 80$
- Power factor: ≥ 0.9
- Luminous efficacy: up to 150 lm/W
- 50 000 h lifespan at 35°C
- Type of protection: IP65
- Impact resistance: IK08
- Pre-wired with 1500 mm cable

– Safety compliance certificates: CB, EMC, RoHS 2.0

TECHNICAL DATA

Electrical data

| | |
|---|--------------|
| Nominal wattage | 100.00 W |
| Mains frequency | 50...60 Hz |
| Nominal current | 0.4...1.05 A |
| Max. number of luminaires per miniature circuit breaker B16 | 5 |
| Protection class | I |

Photometrical data

| | |
|--|----------------------|
| Luminous flux | 14000 lm |
| Luminous efficacy | 140 lm/W |
| Color rendering index Ra | ≥80 |
| Standard deviation of color matching | < 5 sdc _m |
| Photobiological safety group acc. to EN62778 | RG1 |
| Beam angle | 90 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Diameter | 280.00 mm |
| Height | 146.00 mm |
| Product weight | 2235.00 g |



LDP HB TRI 60/80/100W

Materials & Colors

| | |
|-----------------|----------|
| Product color | Black |
| Housing color | Black |
| Body material | Aluminum |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|--------------|
| Temperature range at storage | -40...+70 °C |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK08 |
| Dimmable | Yes |

| | |
|--------------------------|---------|
| Type of dimming | 1-10V |
| Mounting type | Surface |
| With light source | Yes |
| Replaceable light source | No |

Lifespan

| | |
|---------------------------|------------------------|
| Lifespan L80/B10 at 25 °C | 100000 h ¹⁾ |
| Lifespan L80/B50 at 25 °C | 100000 h |

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)




Certificates & Standards

| | |
|----------------|----|
| Ball shot safe | No |
|----------------|----|

Additional product data

| | |
|-----------------------|---|
| Number of illuminants | 1 |
|-----------------------|---|

DOWNLOAD DATA

| Photometric and lighting design files | | Document name |
|--|----------------|-----------------------|
|  | IES file (IES) | LDP HB TRI 60/80/100W |
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LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854115646 | Shipping box 1 | 305 mm x 305 mm x 137 mm | 2685.00 g | 12.74 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.

DISCLAIMER

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