

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

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
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	1
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DOWNLOAD DATA

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

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.