

PRODUCT FAMILY DATASHEET

HQI LED HIGHBAY

LED replacement for HID lamps



AREAS OF APPLICATION

- Industrial and storage facilities
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Direct replacement for traditional HQI and NAV lamps thanks to CCG and ignitor compatibility
- Energy savings of up to 68 % when replacing traditional HQI lamps
- Operating temperature: -20...50 °C
- Effective thermal management for wide operating temperature range
- Low maintenance costs thanks to long lifetime
- Instant 100 % light, no warm-up time

PRODUCT FEATURES

- LED alternative for applications requiring a high luminous flux
- Type of protection: IP40
- High surge protection: up to 4 kV (L-N)
- Operating temperature: -20...50 °C

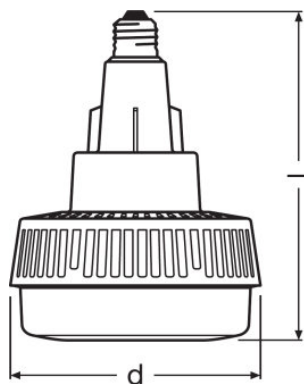


TECHNICAL DATA

Product description	Electrical data				Photometrical data				
	Nominal wattage	Nominal voltage	Max. lamp no. on circuit break. B10 A - CCG with compensation	Max. lamp no. on circuit break. B16 A - CCG with compensation	Nominal luminous flux	Rated luminous flux	Color temperature	Lumen main.fact.at end of nom.life time	Light color (designation)
HQI HIGHBAY 250 120° 95 W/4000K E40	95.00 W	110 V	6	10	13000 lm	13000 lm	4000 K	0.70	Cool White
HQI HIGHBAY 400 120° 140 W/4000K E40	140.00 W	110 V	4	6	20000 lm	20000 lm	4000 K	0.70	Cool White

Product description	Light technical data			Dimensions & weight		Temperatures & operating conditions	Lifespan			
	Color temperature	Luminous flux	Color rendering index Ra	Warm-up time (60 %)	Beam angle	Overall length	Diameter	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles
HQI HIGHBAY 250 120° 95 W/4000K E40	4000 K	13000 lm	≥80	< 0.50 s	120 °	307.0 mm	230.0 mm	65 °C	50000 h	100000
HQI HIGHBAY 400 120° 140 W/4000K E40	4000 K	20000 lm	≥80	< 0.50 s	120 °	307.0 mm	230.0 mm	75 °C	50000 h	100000

Product description	Additional product data			Capabilities
	Base (standard designation)	Mercury content	Mercury-free	Dimmable
HQI HIGHBAY 250 120° 95 W/4000K E40	E40	0.0 mg	Yes	No
HQI HIGHBAY 400 120° 140 W/4000K E40	E40	0.0 mg	Yes	No



HQI HIGHBAY 250 120° 95 W/4000K
E40, HQI HIGHBAY 400 120° 140
W/4000K E40

EQUIPMENT / ACCESSORIES

- Safety sling for lamp included

SAFETY ADVICE

Not suitable for operation with line voltage.

The bulb may be larger and heavier than the replaced bulb. Before installation it must be checked, if the luminaire and especially the holder is capable of carrying the weight of the lamp.

Safety sling has to be installed.

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

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
4058075284739	Shipping carton box 4	515 mm x 515 mm x 355 mm	5961.00 g	94.15 dm ³
4058075284753	Shipping carton box 4	515 mm x 515 mm x 355 mm	6161.00 g	94.15 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.