

# PRODUCT DATASHEET HQL 50 W E27

HQL® | Mercury vapor lamps for open and enclosed luminaires



## Areas of application

- Factories and workshops
- Industrial installations
- Streets
- Car parks, courtyards
- Pedestrian zones, public squares
- Parks and gardens
- Suitable for use in open and enclosed luminaires
- Outdoor applications only in suitable luminaires



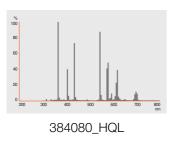
# TECHNICAL DATA

# Electrical data

Nominal wattage	50 W
Construction wattage	50.00 W
Nominal voltage	95 V
Ignition voltage	0.198 kVp
Operating mode Conventional control gear (CCG) without ignitor	
Nominal current	0.61 A
PFC capacitor at 50 Hz	7 μF

# Photometrical data

Luminous flux	1800 lm
Luminous efficacy	36 lm/W
Color temperature	4200 K
Color rendering index Ra	50
Light color	542
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.88
Rated LLMF at 8,000 h	0.86
Rated LLMF at 12,000 h	0.80
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.75
Rated lamp efficacy (standard co.)	36 lm/W
UV protection	No



Dimensions & Weight

Overall length	130.00 mm	
Diameter	56,0 mm	
Product weight	40.00 g	
Femperatures & operating conditions		
Maximum permitted outer bulb temperature 310 °C		
Maximum permitted base edge temperature	210 °C	
Lifespan		
Rated lamp survival factor at 2,000 h	0.99	
Rated lamp survival factor at 4,000 h	0.97	
Rated lamp survival factor at 6,000 h	0.95	
Rated lamp survival factor at 8,000 h	0.90	
Rated lamp survival factor at 12,000 h	0.75	
Rated lamp survival factor at 16,000	0.68	
Rated lamp survival factor at 20,000 h	0.60	
Lifespan B10	8000 h	
Lifespan B5	6000 h	
Lifespan B50	24000 h	
Operation mode LLMF/LSF	50 Hz	
Additional product data		
Base (standard designation)	E27	
Mercury content	12.3 mg	
Mercury-free	No	
Design / version	Coated	
Product remark	As of April 2015 not compliant with ErP directive 245/2009	
Capabilities		
Dimmable	No	
Burning position	Any	
Enclosed luminaire required	No	
Certificates & Standards		
Energy efficiency class	В	

55.00 kWh/1000h

# Country-specific categorizations

Energy consumption

ILCOS	QE/R-50-H/E/S-E27-56/130
Order reference	HQL 50W E27

# Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	130.00 mm
Height	56,0 mm
Width	56,0 mm

## **DOWNLOAD DATA**

	Documents and certificates	Document name
PDF	User instruction / safety instructions	High-Intensity-Discharge lamps. Operation instructions

Photometric and lighting design files	Document name
Spectral power distribution	384080_HQL

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300015040	Round wrap 1	140 mm x 60 mm x 60 mm	48.80 g	0.50 dm <sup>3</sup>
4050300213798	Shipping box 40	356 mm x 296 mm x 302 mm	2438.33 g	31.82 dm <sup>3</sup>

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.