

# PRODUCT DATASHEET HQL 250 W E40

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



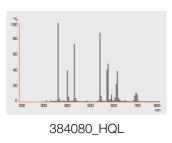
# TECHNICAL DATA

# Electrical data

Nominal wattage	250 W
Construction wattage	250.00 W
Nominal voltage	135 V
Ignition voltage	0.198 kVp
Operating mode	Conventional control gear (CCG) without ignitor
Nominal current	2130 mA
PFC capacitor at 50 Hz	18 μF

## Photometrical data

Luminous flux	13000 lm
Luminous efficacy	52 lm/W
Color temperature	3900 K
Color rendering index Ra	41
Light color	439
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.92
Rated LLMF at 6,000 h	0.91
Rated LLMF at 8,000 h	0.89
Rated LLMF at 12,000 h	0.86
Rated LLMF at 16,000 h	0.85
Rated LLMF at 20,000 h	0.75
Rated lamp efficacy (standard co.)	52 lm/W
UV protection	No



Dimensions & Weight

Overall length	226.00 mm	
Diameter	91 mm	
Product weight	160.00 g	
emperatures & operating conditions		
Maximum permitted outer bulb temperature 350 °C		
Maximum permitted base edge temperature	250 °C	
ifespan		
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)	E40	
Mercury content	39.1 mg	
Mercury-free	No	
	Coated	
Design / version		
Design / version  Product remark	As of April 2015 not compliant with ErP directive 245/2009	
Product remark		
Product remark Capabilities		
	As of April 2015 not compliant with ErP directive 245/2009	

275.00 kWh/1000h

# Country-specific categorizations

Energy consumption

ILCOS	QE/R-250-H/E/S-E40-91/226
Order reference	HQL 250W E40

# Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface) E40	
Length 226.00 mm	
Height 91 mm	·
Width 91 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
4050300015064	Round wrap 1	230 mm x 93 mm x 97 mm	224.00 g	2.07 dm <sup>3</sup>
4008321865021	Shipping box 12	390 mm x 267 mm x 292 mm	2980.00 g	30.41 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.