

PRODUCT DATASHEET

HQI-TS 150 W/WDL

POWERSTAR HQI®-TS EXCELLENCE | Metal halide lamps with quartz technology for enclosed luminaires



Areas of application

- Shop interiors, shop windows
- Shopping arcades
- Foyers, reception areas
- Buildings, monuments, bridges
- Museums, exhibitions
- Exhibition halls and trade fairs
- Pedestrian zones, public squares
- Parks and gardens
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

Product benefits

- High efficiency
- Uniform distribution of light
- Good to excellent color rendering
- Long lifetime
- Hot restrike capable
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

Product features

- POWERSTAR® quartz technology
- Light colors: warm white (WDL), neutral white (NDL), daylight (D), cool daylight (CD)
- Average lifetime: 12,000 h



TECHNICAL DATA**Electrical data**

Nominal wattage	150 W
Construction wattage	150.00 W
Nominal voltage	93 V
Ignition voltage	13304 kVp ¹⁾
Nominal current	1.8 A
PFC capacitor at 50 Hz	20 µF

¹⁾ Minimum / Maximum

Photometrical data

Luminous flux	12000 lm
Luminous efficacy	80 lm/W
Color temperature	3100 K
Color rendering index Ra	70
Light color	731
Rated LLMF at 2,000 h	0.79
Rated LLMF at 4,000 h	0.75
Rated LLMF at 6,000 h	0.67
Rated LLMF at 8,000 h	0.60
Rated LLMF at 12,000 h	0.50
Rated lamp efficacy (standard co.)	80 lm/W
UV protection	Yes

Dimensions & Weight

Overall length	135.00 mm
Length	135.00 mm
Light center length (LCL)	66,0 mm
Width (incl. round luminaires)	23 mm
Height (incl. round luminaires)	23 mm
Diameter	23 mm
Product weight	22.00 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	500 °C
--	--------

Maximum permitted pinch temperature	350 °C
-------------------------------------	--------

Lifespan

Rated lamp survival factor at 2,000 h	0.95
Rated lamp survival factor at 4,000	0.90
Rated lamp survival factor at 6,000	0.85
Rated lamp survival factor at 8,000 h	0.80
Rated lamp survival factor at 12,000 h	0.50
Lifespan B50	12000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	RX7s-24
Mercury content	16.7 mg
Design / version	Clear
System guarantee level	3 (1/5)

Capabilities

Dimmable	No
Burning position	p45
Enclosed luminaire required	Yes
Hot restart	Yes

Certificates & Standards

Energy efficiency class	A
Energy consumption	165.00 kWh/1000h

Country-specific categorizations

ILCOS	MD/UB-150/730-H/E/SL-RX7s=24-23/135/H
Order reference	HQI-TS 150W/WDL

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	MH
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	RX7s-24
Connected light source (CLS)	No
Color-tuneable light source	No

Envelope	SECOND
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	not applicable
Chromaticity coordinate x	0,427
Chromaticity coordinate y	0,398
Beam angle	SPHERE_360
LED light source replaces a fluorescent light source	not applicable
EPREL ID	546552
Model number	AC34326

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321678362	Folding box 1	141 mm x 35 mm x 35 mm	36.00 g	0.17 dm ³
4008321678379	Shipping box 12	154 mm x 159 mm x 123 mm	498.00 g	3.01 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.

References / Links

– For more information on the system guarantee and the terms and conditions of the guarantee visit www.ledvance.com/system-guarantee

DISCLAIMER

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