

# PRODUCT DATASHEET HQI-TS 150 W/CD

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
- 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)



## TECHNICAL DATA

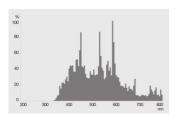
## Electrical data

Nominal wattage	150 W		
Construction wattage	157.80 W		
Nominal voltage	100 V		
Ignition voltage	13.3 kVp <sup>1)</sup>		
Operating mode	Conventional control gear (CCG) and ignitor, Electronic control gear (ECG)		
Nominal current	1.8 A		
PFC capacitor at 50 Hz	20 μF		

<sup>1)</sup> Minimum / Maximum

## Photometrical data

Luminous flux	12500 lm
Luminous efficacy	79 lm/W
Color temperature	6500 K
Color rendering index Ra	81
Light color	865
Rated LLMF at 2,000 h	0.86
Rated LLMF at 4,000 h	0.84
Rated LLMF at 6,000 h	0.77
Rated LLMF at 8,000 h	0.74
Rated LLMF at 12,000 h	0.70
UV protection	Yes



384071\_HQI\_TS\_COOL\_DAYLIGHT

# Dimensions & Weight

Overall length	135.00 mm	
Light center length (LCL)	66.00 mm	
Diameter	23.0 mm	
Product weight	22.00 g	
Temperatures & operating conditions		
Maximum permitted pinch temperature	360	
Lifespan		
Rated lamp survival factor at 2,000 h	0.95	
Rated lamp survival factor at 4,000 h	0.90	
Rated lamp survival factor at 6,000 h	0.85	
Rated lamp survival factor at 8,000 h	0.80	
Rated lamp survival factor at 12,000 h	0.50	
Additional product data		
Base (standard designation)	RX7s-24	
Mercury content	12.6 mg	
Capabilities		
Dimmable	No	
Burning position	P45	
Enclosed luminaire required	Yes	
Hot restart	Yes	
Certificates & Standards		
Energy efficiency class		
	G	
Energy consumption	158.00 kWh/1000h	
Energy consumption		
Energy consumption  Country-specific categorizations	158.00 kWh/1000h	
Energy consumption  Country-specific categorizations  ILCOS	158.00 kWh/1000h  MD/UB-150/856-H/E/SL-RX7s=24-23/135/H	
Energy consumption  Country-specific categorizations  ILCOS  Order reference	158.00 kWh/1000h  MD/UB-150/856-H/E/SL-RX7s=24-23/135/H	
Energy consumption  Country-specific categorizations  ILCOS  Order reference  Energy labelling regulation data acc EU 2019/2015	158.00 kWh/1000h  MD/UB-150/856-H/E/SL-RX7s=24-23/135/H  HQI-TS 150W/CD/	
Energy consumption  Country-specific categorizations  ILCOS  Order reference  Energy labelling regulation data acc EU 2019/2015  Lighting technology used	158.00 kWh/1000h  MD/UB-150/856-H/E/SL-RX7s=24-23/135/H  HQI-TS 150W/CD/  MH	

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	No
Length	135.00 mm
Height	23.0 mm
Width	23.0 mm
Chromaticity coordinate x	0,314
Chromaticity coordinate y	0,324
Beam angle correspondence	SPHERE_360
EPREL ID	1054110
Model number	AC39490

# Safety advice

- Do not stare at the operating light source: The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer that 4 m is not expected.
- Disconnect mains before installation.
- Must not be used if outer bulb is defective.
- Lamp to be used only in a closed luminaire.

### DOWNLOAD DATA

	Documents and certificates	Document name		
PDF	User instruction / safety instructions	High Intensity Discharge Lamp UI		
PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4072118-EN-12 - HQI		
PDF	Certificates	EAC N RU D-DE.MU62.B.00932_20 06.03.2020-05.03.2025 Prommash Test - MH		
POF	Certificates	EAC RU C-DE.AYA46.B.16106_20 13.10.2020-12.10.2025 Rostest-Moskva - MH doub capped		
	Photometric and lighting design	files Document name		

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321624789	Folding box 1	35 mm x 35 mm x 141 mm	32.00 g	0.17 dm <sup>3</sup>
4008321624796	Shipping box 12	149 mm x 116 mm x 154 mm	498.00 g	2.66 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.