Lok-it! 1000/PS Brilliant

Lok-it! Power Series (PS) | HTI Short Arc Metal Halide lamps were designed as intense light sources primarily for moving head fixtures in the Entertainment marketplace.

Areas of application

- Concert lighting
- Club and disco
- Stage and theatre
- Studio, TV and film
- Architecture & Architainment

Product family benefits

- Lok-it! PS for concert lighting: stable performance and reliability
- Lok-it! PS Brilliant for theaters: Life-like colors and natural skin tones (CRI 95)
- Lok-it! Blue for concert lighting: Crisp white light for cutting through the other colors on stage

Product family features

- Natural tone of light thanks to CRI as high as 90
- Compact size and short arc gap for use in smaller and brighter fixtures
- Higher luminous efficiency than standard HID lamps
- Optimized filling for uniform light emission and a reduction in green tones standard for HID-lamps
- Plug-and-play base: PGJX28 or PGJX36
- Ceramic base allows high voltage up to 35 kV
- Individual performance features, color-coded for easy identification

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Technical data

Electrical data

Nominal wattage	1000.00 W
Nominal voltage	85.0 V
Lamp voltage	85 V
Nominal current	11.8 A
Lamp current	11.8 A

Photometrical data

Nominal luminous flux	82000 lm
Color temperature	6000 K
Color rendering index Ra	95

Dimensions & weight

Diameter	28.0 mm
Length	112.5 mm
Light center length (LCL)	56.0 mm
Electrode gap cold	5.5 mm

Lifespan

Lifespan	750 h

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	06-03-2024
Primary Article Identifier	4052899382947 | 4052899965164 | 4052899568266
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	In work

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Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, Lok-it! lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Appropriate filters must ensure that UV radiation is reduced to an acceptable level. Mercury is released if the lamp breaks. Special safety precautions must be taken. Information on safety and handling is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899382947	Lok-it! 1000/PS Brilliant	Shipping carton box 1	115 mm x 82 mm x 305 mm	2.88 dm^3	206.00 g
4052899965164	Lok-it! 1000/PS Brilliant	Shipping carton box 1	182 mm x 87 mm x 58 mm	0.92 dm^3	129.00 g
4062172072007	Lok-it! 1000/PS Brilliant	Shipping carton box 10	312 mm x 186 mm x 194 mm	11.26 dm^3	1440.00 g

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.

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