

PRODUCT DATASHEET

HALOSTAR PRO 50 W 12 V GY6.35

HALOSTAR® PRO | Low-voltage halogen lamps with pin base



Areas of application

- General illumination
- Kitchen lighting
- Lighting for reading
- Entrance lighting
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings
- Outdoor applications only in suitable luminaires

Product benefits

- Brilliant accent lighting
- Significantly lower CO₂ emissions compared to standard version
- High luminous efficacy compared with standard lamps
- Incredibly small dimensions for revolutionary new luminaire designs
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Contains no mercury

Product features

- Average life: 4,000 h
- 100 % dimmable



- Color rendering index R_a : 100
- IRC technology

TECHNICAL DATA

Electrical data

Nominal wattage	50 W
Construction wattage	50.00 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	75 W

Photometrical data

Luminous flux	1050 lm
Luminous efficacy	21 lm/W
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	100
Light color	1030
UV protection	Yes



349619_HAL_IRC

Light technical data

Starting time	0.0 s
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Dimensions & Weight

Overall length	44.00 mm
Light center length (LCL)	30,0 mm
Diameter	12 mm
Product weight	1.57 g

Lifespan

Number of switching cycles	50000
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Additional product data

Base (standard designation)	GY6.35
Mercury-free	Yes

Capabilities

Dimmable	Yes
Burning position	Any

Certificates & Standards

Energy efficiency class	G
Energy consumption	50.00 kWh/1000h

Country-specific categorizations

ILCOS	HSGS/C/AXUBIB-50-12-GY6.35-12/30
Order reference	64440 ECO



Energy labelling regulation data acc EU 2019/2015

Lighting technology used	OTHER
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	GY6.35
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	44.00 mm
Height	12 mm
Width	12 mm
Chromaticity coordinate x	0.437
Chromaticity coordinate y	0.404
Beam angle correspondence	SPHERE_360
EPREL ID	714432
Model number	AC35322

Safety advice

- Do not touch the lamp if broken.
- 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
	Declarations of conformity	CE Declaration HAL LOW VOLT
Photometric and lighting design files		Document name
	Spectral power distribution	349619_HAL_IRC

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300615936	Folding box 1	70 mm x 23 mm x 25 mm	3.50 g	0.04 dm ³
4050300942452	Shipping box 40	144 mm x 126 mm x 121 mm	199.00 g	2.20 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.

DISCLAIMER

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