PRODUCT DATASHEET
HALOSTAR OVEN 20 W 12 V G4

HALOSTAR® OVEN | Low-voltage halogen lamps with pin base for oven lighting

Areas of application

– Baking ovens

Product benefits

– Two to three times the luminous efficiency of conventional oven lighting
– Optimum halogen content for high temperatures
– Tempered pins for reliable contact at high temperatures
– Suitable for pyrolysis (permissible ambient temperature 450 °C)
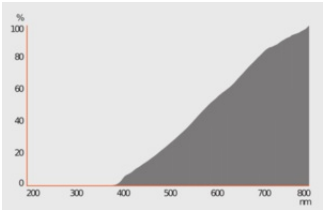– Contains no mercury

TECHNICAL DATA

Electrical data

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	12 V
Power factor λ	1.00

Photometrical data

Luminous flux	300 lm
Luminous efficacy	15 lm/W
Light color (designation)	Warm White
Color temperature	2800 K
Color rendering index Ra	100
Light color	1028
UV protection	Yes

349619_HAL_IRC

Light technical data

Starting time	0 s

Dimensions & Weight

Overall length	33.00 mm
Light center length (LCL)	22,0 mm
Diameter	10,0 mm
Product weight	1.12 g

Additional product data

Base (standard designation)	G4

Mercury-free	Yes
Product remark	Heat-resistant up to 300 °C / Lamp suitable for oven with high temperature self cleaning (Lamps must be switched off! Max. ambient temperature 450 °C) / For use in shielded luminaires only

Capabilities

Dimmable	Yes
Burning position	Any

Certificates & Standards

Energy efficiency class	G
Energy consumption	20.00 kWh/1000h

Country-specific categorizations

ILCOS	HSGST/C/UB-20-12-G4-10/22
Order reference	64428 OVEN 20W

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)	G4
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	33.00 mm
Height	10,0 mm
Width	10,0 mm
Chromaticity coordinate x	0.452
Chromaticity coordinate y	0.409
Beam angle correspondence	SPHERE_360
EPREL ID	714455

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.
– Not designed as a replacement for conventional lighting in private household.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	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
4050300023946	Folding box 400	148 mm x 136 mm x 66 mm	491.00 g	1.33 dm³
4050300256917	Shipping box 3,200	310 mm x 150 mm x 285 mm	4680.00 g	13.25 dm³

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.