

# PRODUCT DATASHEET HALOSTAR SST 2000 14 W 12 V G4

HALOSTAR® SUPERSTAR 2000 | 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

#### Product benefits

- Brilliant accent lighting
- Significantly lower CO<sub>2</sub> 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

#### Product features

- Average life: 2,000 h
- 100 % dimmable
- Color rendering index Ra: 100
- Base: G4, GY6.35



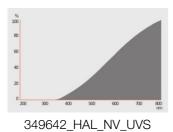
## TECHNICAL DATA

## Electrical data

Nominal wattage	14 W
Construction wattage	14.00 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	25 W
Power factor $\lambda$	1.00

#### Photometrical data

Luminous flux	210 lm
Luminous efficacy	15 lm/W
Light color (designation)	Warm White
Color temperature	2900 K
Color rendering index Ra	100
Light color	1029



## Light technical data

	Starting time	0 s
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# Dimensions & Weight

Overall length	33.00 mm
Light center length (LCL)	22,0 mm
Diameter	10,0 mm
Product weight	1.2 g

# Additional product data

Base (standard designation)	G4

Design / version  Capabilities  Dimmable Yes  Burning position Any  Certificates & Standards  Energy efficiency class  Energy consumption  Country-specific categorizations  ILCOS HSGST/UB-14-12-G4  Order reference 67422 ECO ST		
Diminable Diminable Burning position Any  Certificates & Standards  Energy efficiency class Energy efficiency class Energy efficiency class Energy efficiency class  Energy efficiency class Energy efficiency class  ILCOS  Country-specific categorizations  ILCOS	Mercury-free	Yes
Dimmable Yes Burning position Any Certificates & Standards Energy efficiency class G Energy consumption 14.00 kWh/1000h Country-specific categorizations  ILCOS HSGST/UB-14-12-G4 Order reference 67422 ECO ST  Energy labelling regulation data acc EU 2019/2015  Lighting technology used OTHER Non-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 (CLS) No Color-tuneable light source Envelope No High luminance light source Envelope No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power No Height 10.0 mm Width 10.0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y 0.406 Espeta angle correspondence EPREL ID 71444S	Design / version	Tube
Energy efficiency class G Energy efficiency class G Energy consumption 14.00 kWh/1000h  Country-specific categorizations  ILCOS HSGST/UB-14-12-G4 Order reference 67422 ECO ST  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 (CLS) No Envelope No High luminance light source Envelope No Anti-giars shield No Correlated colour temperature type SINGLE_VALUE  Claim of equivalent power No Height 10,0 mm  Width 10,0 mm  Chromaticity coordinate x 0,444  Chromaticity coordinate y 0,406  Beam angle correspondence SPHERE_960  EPREL ID 714443	Capabilities	
Energy efficiency class Energy consumption 14.00 kWh/1000h  Country-specific categorizations  ILCOS HSGST/UB-14-12-G4 Order reference 67422 ECO ST  Energy labelling regulation data acc EU 2019/2015  Lighting technology used Non-directional or directional Mains or non-mains NMLS  Light source cap-type (or other electric interface) Connected light source (CLS) No Color-tuneable light source No Anti-glare shield No Correlated colour temperature type Claim of equivalent power Length Height Height 10,0 mm  Width Chromaticity coordinate x 0.406 Beam angle correspondence EPREL ID  TAMES  G  G  G  G  G  G  G  G  G  G  G  G  G	Dimmable	Yes
Energy efficiency class         G           Energy consumption         14.00 kWh/1000h           Country-specific categorizations           ILCOS         HSGST/UB-14-12-G4           Conter reference         67422 ECO ST           Energy labelling regulation data acc EU 2019/2015           Energy labelling regulation data acc EU 2019/2015           Lighting technology used         OTHER           Non-directional or directional         NDLS           Mains or non-mains         NMLS           Light source acp-type (or other electric interface)         G4           Connected light source (CLS)         No           Color-tuneable light source         No           Envelope         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           Width         0.444           Chromaticity coordinate y         0.406	Burning position	Any
Energy consumption 14.00 kWh/1000h  Country-specific categorizations  ILCOS HSGST/UB-14-12-G4 Order reference 67422 ECO ST  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 (CLS) No High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE  Length 33.00 mm  Height 10.00 mm  Width 10.00 mm  Chromaticity coordinate x  Chromaticity coordinate y  Beam angle correspondence  EPREL ID 714443	Certificates & Standards	
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Light source cap-type (or other electric interface)  Connected light source (CLS)  No  Color-tuneable light source  No  Envelope  No  High luminance light source  No  Correlated colour temperature type  Claim of equivalent power  Length  Height  10,0 mm  Width  Chromaticity coordinate x  Chromaticity coordinate y  EPREL ID  Governance  G4  G4  G4  G4  G4  G4  G4  G4  Ro  Ro  Ro  Ro  Ro  Ro  SINGLE_VALUE  No  10,0 mm  10,0 mm  Chromaticity coordinate x  0.444  SPHERE_360  EPREL ID	Non-directional or directional	NDLS
Connected light source (CLS)  Color-tuneable light source  Envelope  No  High luminance light source  No  Anti-glare shield  Correlated colour temperature type  SINGLE_VALUE  Claim of equivalent power  Length  Height  10,0 mm  Width  10,0 mm  Chromaticity coordinate x  Chromaticity coordinate y  Beam angle correspondence  EPREL ID  No  No  Anti-glare shield  No  SINGLE_VALUE  SINGLE_VALUE  SINGLE_VALUE  ON  ON  ON  ON  ON  TO  TO  TO  TO  TO	Mains or non-mains	NMLS
Color-tuneable light source  Envelope No High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power No Length 10,0 mm Width 10,0 mm Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence EPREL ID  No No  1044	Light source cap-type (or other electric interface)	G4
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 0.444 Chromaticity coordinate y 0.406 Beam angle correspondence SPHERE_360 EPREL ID 714443	Connected light source (CLS)	No
High luminance light source  Anti-glare shield  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  0.444  Chromaticity coordinate y  Beam angle correspondence  EPREL ID  No  714443	Color-tuneable 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 0.444  Chromaticity coordinate y 0.406  Beam angle correspondence SPHERE_360  EPREL ID 714443	Envelope	No
Correlated colour temperature type  Claim of equivalent power  No  Length  33.00 mm  Height  10,0 mm  Width  10,0 mm  Chromaticity coordinate x  0.444  Chromaticity coordinate y  Beam angle correspondence  EPREL ID  SINGLE_VALUE  No  0406  SPHERE_360  714443	High luminance light source	No
Claim of equivalent power  Length  33.00 mm  Height  10,0 mm  Width  10,0 mm  Chromaticity coordinate x  0.444  Chromaticity coordinate y  Deam angle correspondence  EPREL ID  No  33.00 mm  10,0 mm  0.406  SPHERE_360  714443	Anti-glare shield	No
Length 33.00 mm  Height 10,0 mm  Width 10,0 mm  Chromaticity coordinate x 0.444  Chromaticity coordinate y 0.406  Beam angle correspondence SPHERE_360  EPREL ID 714443	Correlated colour temperature type	SINGLE_VALUE
Height 10,0 mm  Width 10,0 mm  Chromaticity coordinate x 0.444  Chromaticity coordinate y 0.406  Beam angle correspondence SPHERE_360  EPREL ID 714443	Claim of equivalent power	No
Width 10,0 mm  Chromaticity coordinate x 0.444  Chromaticity coordinate y 0.406  Beam angle correspondence SPHERE_360  EPREL ID 714443	Length	33.00 mm
Chromaticity coordinate x  Chromaticity coordinate y  0.444  Chromaticity coordinate y  0.406  Beam angle correspondence  SPHERE_360  EPREL ID  714443	Height	10,0 mm
Chromaticity coordinate y 0.406  Beam angle correspondence SPHERE_360  EPREL ID 714443	Width	10,0 mm
Beam angle correspondence SPHERE_360 EPREL ID 714443	Chromaticity coordinate x	0.444
EPREL ID 714443	Chromaticity coordinate y	0.406
	Beam angle correspondence	SPHERE_360
Model number AC35355	EPREL ID	714443
	Model number	AC35355

# 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
PDF	Declarations of conformity	CE Declaration HAL LOW VOLT

Photometric and lighting design files	Document name
Spectral power distribution	349642_HAL_NV_UVS

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321990181	Blister 1	119 mm x 25 mm x 98 mm	6.33 g	0.29 dm <sup>3</sup>
4008321990198	Shipping box 10	164 mm x 130 mm x 148 mm	202.10 g	3.16 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.