

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 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

Product features

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



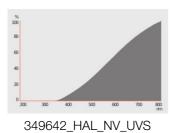
TECHNICAL DATA

Electrical data

Nominal wattage	14 W
Construction wattage	14.00 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	25 W
Power factor λ	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
--	---------------	-----

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
-----------------------------	----

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		
Capabilities Dirmstole Burning position Any Certificates & Standards Energy efficiency class Energy consumption Country-specific categorizations ILCOS Order reference Energy labelling regulation data acc EU 2019/2015 Energy labelling regulation data ac	Mercury-free	Yes
Burning position Any Certificates & Standards Energy efficiency class G Energy consumption 14.00 kWh/1000h Country-specific categorizations ILCOS HSGSTAUB-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 Cotor-tuneable light source No Envelope No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power No Length 33.00 mm Height Individual 10.00 mm Width 10.00 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y 0.406 Basin angle correspondence SPHERE, 360	Design / version	Tube
Energy efficiency class Energy efficiency class Energy consumption Country-specific categorizations ILCOS HSGST/UB-14-12-G4 Order reference 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) High source (CLS) No Color-tuneable light source No High remieble source No High luminance light source Anti-glare shield Cornelated colour temperature type Single_VALUE Claim of equivalent power No Length Height Hight coordinate x OH44 Chromaticity coordinate y Beam angle correspondence SPHERE_380	Capabilities	
Energy efficiency class Energy consumption 14,00 kWh/1000h Country-specific categorizations ILCOS HSST/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 Gequivalent power No Length 10,0 mm Width 10,0 mm Width 10,0 mm Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence SPHERE_960	Dimmable	Yes
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 2019/2016 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 Langth 33.00 mm Height 10,0 mm Width 10,0 mm Width 10,0 mm Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence SPHERE_360	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 Envelope No High luminance light source No Correlated colour temperature type SINGLE_VALUE Caim of equivalent power No Length 33.00 mm Height 10,0 mm Width 10,0 mm Chromaticity coordinate x D-406 Beam angle correspondence SPHERE_380	Certificates & Standards	
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 No Envelope No High luminance light source No Correlated colour temperature type SINGLE_VALUE Length 33.00 mm Height 10,0 mm Width 10,0 mm Width 10,0 mm Chromaticity coordinate y 0.444 Chromaticity coordinate y 0.406 Beam angle correspondence SPHERE_360	Energy efficiency class	G
ILCOS 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 No Envelope No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power Length Height Height 10,0 mm Width Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence STHERE_360	Energy consumption	14.00 kWh/1000h
Criter 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 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 0.444 Chromaticity coordinate y 9.406 Beam angle correspondence SPHERE_360	Country-specific categorizations	
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 Envelope No High luminance light source No Correlated colour temperature type SinGLE_VALUE Claim of equivalent power Height Height 10,0 mm Chromaticity coordinate x Chromaticity coordinate y Board OTHER NDLS OTHER OTHER NDLS NO CHER NO C4 4 OTHER NDLS NO C4 C4 C4 C4 C4 C4 C7 C7 C7 C7	ILCOS	HSGST/UB-14-12-G4
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 Envelope No Anti-glare shield Correlated colour temperature type Claim of equivalent power Length Height Width 10,0 mm Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence No CHER NDLS ANLS G4 G4 G4 G4 G4 G4 G4 G4 G4 G	Order reference	67422 ECO ST
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 Envelope No High luminance light source No Anti-glare shield No 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 SPHERE_360	Energy labelling regulation data acc EU 2019/2015	
Mains or non-mains 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 Single_VALUE Claim of equivalent power Length Height 10,0 mm Writth 10,0 mm Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence SPHERE_360	Lighting technology used	OTHER
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 Anti-glare shield No 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 SPHERE_360	Non-directional or directional	NDLS
Connected light source (CLS) Color-tuneable light source No Envelope No High luminance light source No Anti-glare shield Correlated colour temperature type SINGLE_VALUE Claim of equivalent power No Length Height 10,0 mm Width 10,0 mm Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence SPHERE_360	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 Height 10,0 mm Width 10,0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y Beam angle correspondence SPHERE_360	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 9.406 Beam angle correspondence SPHERE_360	Connected light source (CLS)	No
High luminance light source 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 Beam angle correspondence SPHERE_360	Color-tuneable light source	No
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 SPHERE_360	Envelope	No
Claim of equivalent power Claim of equivalent power Length Height 10,0 mm Width 10,0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y Beam angle correspondence SINGLE_VALUE No 0406 SPHERE_360	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 Beam angle correspondence SPHERE_360	Anti-glare shield	No
Length33.00 mmHeight10,0 mmWidth10,0 mmChromaticity coordinate x0.444Chromaticity coordinate y0.406Beam angle correspondenceSPHERE_360	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	Claim of equivalent power	No
Width 10,0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y 0.406 Beam angle correspondence SPHERE_360	Length	33.00 mm
Chromaticity coordinate x O.444 Chromaticity coordinate y O.406 Beam angle correspondence SPHERE_360	Height	10,0 mm
Chromaticity coordinate y 0.406 Beam angle correspondence SPHERE_360	Width	10,0 mm
Beam angle correspondence SPHERE_360	Chromaticity coordinate x	0.444
	Chromaticity coordinate y	0.406
EPREL ID 714443	Beam angle correspondence	SPHERE_360
	EPREL ID	714443

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 ³
4052899195271	Blister 2	140 mm x 120 mm x 14 mm	13.40 g	0.24 dm ³
4008321990198	Shipping box 10	164 mm x 130 mm x 148 mm	202.10 g	3.16 dm ³
4052899195288	Shipping box 20	164 mm x 148 mm x 130 mm	187.00 g	3.16 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.