

PRODUCT DATASHEET HALOSTAR SST 2000 25 W 12 V GY6.35

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



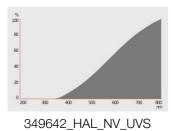
TECHNICAL DATA

Electrical data

Nominal wattage	25 W
Construction wattage	25.00 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	35 W
Power factor λ	1.00

Photometrical data

Luminous flux	500 lm
Luminous efficacy	20 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	Starting time	0 s
-------------------	---------------	-----

Dimensions & Weight

Overall length	44.00 mm
Light center length (LCL)	30,0 mm
Diameter	12.0 mm
Product weight	2.2 g

Additional product data

Base (standard designation)	GY6.35
-----------------------------	--------

Dimmable Yes Burning position Any Certificates & Standards Energy efficiency class G Energy consumption 25.00 kWh/1000h Country-specific categorizations ILCOS HSGST/UB-25-12-GY6.35-30 Order reference 67431 ECO ST		
Capabilities Dimmable Yes Burning position Any Certificates & Standards Energy efficiency class G Energy consumption 25.00 kWh/1000h Country-specific categorizations ILCOS HSGSTAUB-25-12-GY6.35-30 Order reference 67431 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) GY6.35 Connected light source (CLS) No Color-tuneable light source (CLS) No Color-tuneable light source No High luminance light source Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power No Height Universe (CLS) No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power No Height 12.0 mm Width 12.0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y 0.406 Beam angle correspondence	Mercury-free	Yes
Burning position Any Certificates & Standards Energy efficiency class Genergy consumption 25.00 kWh/1000h Country-specific categorizations ILCOS HSGST/UB-25-12-GY6.35-30 Order reference 67431 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) GY6.35 Connected light source (CLS) No Color-tuneable light source (CLS) No Color-tuneable light source (CLS) No Correlated colour temperature type SNGLE_VALUE Light of equivalent power No Correlated colour temperature type (12.0 mm Width 12.0 mm Width 12.0 mm Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence SPHERE, 360	Design / version	Tube
Energy efficiency class Energy efficiency class Energy consumption Country-specific categorizations ILCOS HSGST/UB-25-12-GY6.36-30 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) Connected light source (CLS) No Color-tuneable light source No High luminance light source No Anti-glare shield Correlated colour temperature type Claim of equivalent power No Length Height Height Height Height Height Height Hormaticity coordinate x Chromaticity coordinate y Beam angle correspondence SPHERE_380	Capabilities	
Cortificates & Standards Energy efficiency class Energy consumption Country-specific categorizations ILCOS HSGST/UB-25-12-GY6.95-30 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) Connected light source (CLS) No Color-funeable light source No High luminance light source No Anti-glare shield Correlated colour temperature type Claim of equivalent power No Length Height Height 12.0 mm Width 12.0 mm Chromaticity coordinate x Chromaticity coordinate y Baam angle correspondence SPHERE_960	Dimmable	Yes
Energy efficiency class Energy consumption Country-specific categorizations ILCOS HSGST/UB-25-12-GY6,35-30 Order reference 67431 ECO ST Energy labelling regulation data acc EU 2019/2015 Lighting technology used OTHER Non-directional or directional Mains or non-mains NMLS Light source cap-type (or other electric interface) GY6,35 Connected light source CLS) No Color-tuneable light source Envelope No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power Length Height Width 12.0 mm Width Chromaticity coordinate y Beam angle correspondence SPHERE, 360	Burning position	Any
Energy consumption 25.00 kWh/1000h Country-specific categorizations ILCOS HSGST/UB-25-12-GY6.35-30 Order reference 67431 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) GY6.35 Connected light source (CLS) No Color-tuneable light source Privelope No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Light equivalent power No Length 44.00 mm Height 12.0 mm Width 12.0 mm Chromaticity coordinate x D.406 Beam angle correspondence SPHERE_380	Certificates & Standards	
Country-specific categorizations ILCOS HSGST/UB-25-12-GY6.35-30 Order reference 67431 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) GY6.35 Connected light source (CLS) No Color-tuneable light source No Envelope No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Light Huight Light source No Correlated colour temperature type 12.0 mm Wicith 12.0 mm Wicith 12.0 mm Chromaticity coordinate y 0.444 Chromaticity coordinate y 0.406 Beam angle correspondence SPHERE_380	Energy efficiency class	G
ILCOS Order reference 67431 ECO ST Energy labelling regulation data acc EU 2019/2015 Lighting technology used OTHER 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 No Correlated colour temperature type SinGLE_VALUE Claim of equivalent power Height Height Midth 12.0 mm Width Chromaticity coordinate y Beam angle correspondence 87431 ECO ST 67431 ECO S	Energy consumption	25.00 kWh/1000h
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 12.0 mm Width 12.0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y 0.406 Beam angle correspondence SPHERE_360	Country-specific categorizations	
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) GY6.35 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 12.0 mm Width Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence OTHER NDLS OTHER NDLS NO STRICE SPHERE_360	ILCOS	HSGST/UB-25-12-GY6.35-30
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 No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power No Length Height 12.0 mm Width 12.0 mm Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence SPHERE_360	Order reference	67431 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 No Envelope No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power Length Height 12.0 mm Width 12.0 mm Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence NMLS ANG GY6.35 No No No No Anti-glare shield No Correlated Colour temperature type SINGLE_VALUE Claim of equivalent power No 44.00 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y 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 Anti-glare shield Correlated colour temperature type SINGLE_VALUE Claim of equivalent power Length Height 12.0 mm Width Chromaticity coordinate x O.444 Chromaticity coordinate y Beam angle correspondence NMLS No No No Anti-glare shield No SINGLE_VALUE SINGLE_VALUE O.446 O.406 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 Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power Length Height 12.0 mm Width Chromaticity coordinate x Chromaticity coordinate y Beam angle correspondence SYHERE_360	Non-directional or directional	NDLS
Connected light source (CLS) No Envelope No High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power No Length Height 12.0 mm Width 12.0 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 12.0 mm Width 12.0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y Beam angle correspondence SNO SPHERE_360	Light source cap-type (or other electric interface)	GY6.35
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 12.0 mm Width 12.0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y 0.406 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 44.00 mm Height 12.0 mm Width 12.0 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 44.00 mm Height 12.0 mm Width 12.0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y Beam angle correspondence SPHERE_360	Envelope	No
Correlated colour temperature type Claim of equivalent power No Length 44.00 mm Height 12.0 mm Width 12.0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y Beam angle correspondence SINGLE_VALUE No 44.00 m 44.00 mm 12.0 mm 90.444 SPHERE_360	High luminance light source	No
Claim of equivalent power Length 44.00 mm Height 12.0 mm Width 12.0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y Beam angle correspondence SPHERE_360	Anti-glare shield	No
Length44.00 mmHeight12.0 mmWidth12.0 mmChromaticity coordinate x0.444Chromaticity coordinate y0.406Beam angle correspondenceSPHERE_360	Correlated colour temperature type	SINGLE_VALUE
Height 12.0 mm Width 12.0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y 0.406 Beam angle correspondence SPHERE_360	Claim of equivalent power	No
Width 12.0 mm Chromaticity coordinate x 0.444 Chromaticity coordinate y 0.406 Beam angle correspondence SPHERE_360	Length	44.00 mm
Chromaticity coordinate x Chromaticity coordinate y 0.444 Chromaticity coordinate y 0.406 Beam angle correspondence SPHERE_360	Height	12.0 mm
Chromaticity coordinate y 0.406 Beam angle correspondence SPHERE_360	Width	12.0 mm
Beam angle correspondence SPHERE_360	Chromaticity coordinate x	0.444
	Chromaticity coordinate y	0.406
EPREL ID 714444	Beam angle correspondence	SPHERE_360
	EPREL ID	714444

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
4008321990204	Blister 1	139 mm x 15 mm x 121 mm	11.00 g	0.25 dm ³
4052899195295	Blister 2	140 mm x 120 mm x 14 mm	15.40 g	0.24 dm ³
4008321990211	Shipping box 10	164 mm x 129 mm x 148 mm	206.47 g	3.13 dm ³
4052899195301	Shipping box 20	164 mm x 148 mm x 130 mm	206.00 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.