
HALOSTAR STAR

Low-voltage halogen lamps with pin base



Areas of application

- Kitchen lighting
- Mirror lighting
- Lighting for reading
- Entrance lighting
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings

Product benefits

- Brilliant accent light
- 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 R_a : 100
- Base: G4, GY6.35

Product family datasheet

Technical data

Product description	Electrical data					Photometrical data			Light technical data	
	Nominal wattage	Nominal voltage	Rated luminous flux	Rated wattage	Power factor λ	Nominal luminous flux	Color temperature	Color rendering index Ra	Starting time	Warm-up time (60 %)
HALOSTAR ST 5 W 12 V G4	5.00 W	12.0 V	50 lm	5.00 W	1.00	50 lm	2700 K	100	0.0 s	0.00 s
HALOSTAR ST 10 W 12 V G4	10.0 W	12.0 V	140 lm	10.00 W	1.00	140 lm	2800 K	100	0.0 s	0.00 s
HALOSTAR ST 20 W 12 V G4	20.0 W	12.0 V	320 lm	20.00 W	1.00	320 lm	2800 K	100	0.0 s	0.00 s
HALOSTAR ST 35 W 12 V GY6.35	35.0 W	12.0 V	630 lm	35.00 W	1.00	630 lm	2900 K	100	0.0 s	0.00 s
HALOSTAR ST 50 W 12 V GY6.35	50.0 W	12.0 V	910 lm	50.00 W	1.00	910 lm	3000 K	100	0.0 s	0.00 s

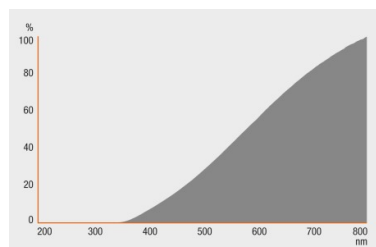
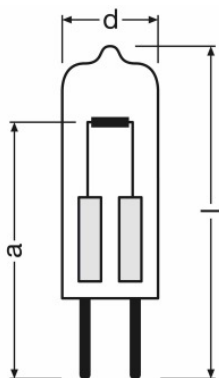
Product description	Dimensions & weight			Lifespan				Additional product data		
	Diameter	Overall length	Light center length (LCL)	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)	Lamp mercury content	Mercury-free
HALOSTAR ST 5 W 12 V G4	10.0 mm	33.0 mm	22.0 mm	2000 h	2000 h	50000 ¹⁾		G4	0.0 mg	Yes
HALOSTAR ST 10 W 12 V G4	10.0 mm	33.0 mm	22.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	G4	0.0 mg	Yes
HALOSTAR ST 20 W 12 V G4	10.0 mm	33.0 mm	30.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	G4	0.0 mg	Yes
HALOSTAR ST 35 W 12 V GY6.35	12.0 mm	44.0 mm	30.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	GY6.35	0.0 mg	Yes
HALOSTAR ST 50 W 12 V GY6.35	12.0 mm	44.0 mm	30.0 mm	2000 h	2000 h	50000 ¹⁾	0.80	GY6.35	0.0 mg	Yes

Product description	Capabilities		Certificates & standards		Country specific categorizations
	Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HALOSTAR ST 5 W 12 V G4	Any	Yes	C	6 kWh/1000h	HSGST/UB-5-12-G4-10/22
HALOSTAR ST 10 W 12 V G4	Any	Yes	C	11 kWh/1000h	HSGST/UB-10-12-G4-10/22
HALOSTAR ST 20 W 12 V G4	Any	Yes	C	22 kWh/1000h	HSGST/UB-20-12-G4-10/30
HALOSTAR ST 35 W 12 V GY6.35	Any	Yes	C	38 kWh/1000h	HSGST/UB-35-12-GY6.35-12/30

Product family datasheet

Product description	Capabilities		Certificates & standards		Country specific categorizations
	Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HALOSTAR ST 50 W 12 V GY6.35	Any	Yes	C	53 kWh/1000h	HSGST/UB-50-12-GY6.35-12/30

1) At 1 min on / 3 min off



HALOSTAR ST 5 W 12 V G4,
 HALOSTAR ST 10 W 12 V G4,
 HALOSTAR ST 20 W 12 V G4,
 HALOSTAR ST 35 W 12 V GY6.35,
 HALOSTAR ST 50 W 12 V GY6.35

HALOSTAR ST 5 W 12 V G4,
 HALOSTAR ST 10 W 12 V G4,
 HALOSTAR ST 20 W 12 V G4,
 HALOSTAR ST 35 W 12 V GY6.35,
 HALOSTAR ST 50 W 12 V GY6.35

Application advice

For more detailed application information and graphics please see product datasheet.

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321201799	HALOSTAR ST 5 W 12 V G4	Shipping carton box 20	164 mm x 130 mm x 148 mm	3.16 dm ³	225.86 g
4008321201812	HALOSTAR ST 10 W 12 V G4	Shipping carton box 20	164 mm x 130 mm x 148 mm	3.16 dm ³	202.70 g
4008321201836	HALOSTAR ST 20 W 12 V G4	Shipping carton box 20	164 mm x 130 mm x 148 mm	3.16 dm ³	204.50 g
4008321201874	HALOSTAR ST 35 W 12 V GY6.35	Shipping carton box 20	164 mm x 130 mm x 148 mm	3.16 dm ³	221.57 g
4008321202161	HALOSTAR ST 50 W 12 V GY6.35	Shipping carton box 20	164 mm x 130 mm x 148 mm	3.16 dm ³	221.14 g

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.