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## HALOSTAR PRO

Low-voltage halogen lamps with pin base and axial filament



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### Areas of application

- General illumination
- Kitchen lighting
- Lighting for reading
- Entrance lighting
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings
- Outdoor applications only in suitable luminaires

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### Product benefits

- Brilliant accent lighting
- Significantly lower CO<sub>2</sub> emissions
- 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
- Contains no mercury

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### Product features

- Average life: 4,000 h
- 100 % dimmable
- Color rendering index R<sub>a</sub>: 100

# Product family datasheet

## Technical data

Product description	Electrical data					Photometrical data			
	Nominal wattage	Nominal voltage	Rated wattage	Claimed equiv. conventional lamp power	Power factor $\lambda$	Nominal luminous flux	Color temperature	Rated luminous flux	Color rendering index Ra
HALOSTAR PRO 7 W 12 V G4	7.00 W	12.0 V	7.00 W	10 W	1.00	105 lm	2800 K	105 lm	100
HALOSTAR PRO 14 W 12 V G4	14.0 W	12.0 V	14.00 W	20 W	1.00	240 lm	2800 K	240 lm	100
HALOSTAR PRO 25 W 12 V GY6.35	25.0 W	12.0 V	25.00 W	35 W	1.00	500 lm	2800 K	500 lm	100
HALOSTAR PRO 35 W 12 V GY6.35	35.0 W	12.0 V	35.00 W	50 W	1.00	860 lm	2900 K	860 lm	100
HALOSTAR PRO 50 W 12 V GY6.35	50.0 W	12.0 V	50.00 W	75 W	1.00	1180 lm	3000 K	1180 lm	100
HALOSTAR PRO 60 W 12 V GY6.35	60.0 W	12.0 V	60.00 W	90 W	1.00	1650 lm	3000 K	1650 lm	100

Product description	Light technical data		Dimensions & weight			Lifespan				Additional product data
	Starting time	Warm-up time (60 %)	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)
HALOSTAR PRO 7 W 12 V G4	0.0 s	0.00 s	10.0 mm	33.0 mm	22.0 mm	4000 h	4000 h	100000 <sup>1)</sup>	0.80	G4
HALOSTAR PRO 14 W 12 V G4	0.0 s	0.00 s	10.0 mm	33.0 mm	22.0 mm	4000 h	4000 h	100000 <sup>1)</sup>	0.80	G4
HALOSTAR PRO 25 W 12 V GY6.35	0.0 s	0.00 s	12.0 mm	44.0 mm	30.0 mm	4000 h	4000 h	100000 <sup>1)</sup>	0.80	GY6.35
HALOSTAR PRO 35 W 12 V GY6.35	0.0 s	0.00 s	12.0 mm	44.0 mm	30.0 mm	4000 h	4000 h	100000 <sup>1)</sup>	0.80	GY6.35
HALOSTAR PRO 50 W 12 V GY6.35	0.0 s	0.00 s	12.0 mm	44.0 mm	30.0 mm	4000 h	4000 h	100000 <sup>1)</sup>	0.80	GY6.35
HALOSTAR PRO 60 W 12 V GY6.35	0.0 s	0.00 s	12.0 mm	44.0 mm	30.0 mm	4000 h	4000 h	100000 <sup>1)</sup>	0.80	GY6.35

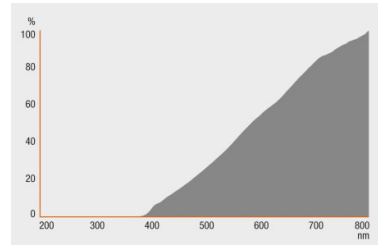
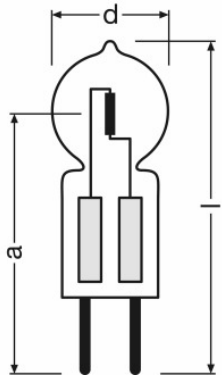
Product description	Capabilities		Certificates & standards		Country specific categorizations		
	Lamp mercury content	Mercury-free	Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HALOSTAR PRO 7 W 12 V G4	0.0 mg	Yes	Any	Yes	B	8 kWh/1000h	HSGST/UB-7-12-G4-10/22

## Product family datasheet

Product description	Lamp mercury content	Mercury-free	Capabilities		Certificates & standards		Country specific categorizations
			Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HALOSTAR PRO 14 W 12 V G4	0.0 mg	Yes	Any	Yes	B	15 kWh/1000h	HSGT/C/UBIB-14-12-G4-10/22
HALOSTAR PRO 25 W 12 V GY6.35	0.0 mg	Yes	Any	Yes	B	27 kWh/1000h	HSGST/C/UBIB-25-12-GY6.35-12/30
HALOSTAR PRO 35 W 12 V GY6.35	0.0 mg	Yes	Any	Yes	B	38 kWh/1000h	HSGS/C/AXUBIB-35-12-GY6.35-12/30
HALOSTAR PRO 50 W 12 V GY6.35	0.0 mg	Yes	Any	Yes	B	53 kWh/1000h	HSGS/C/AXUBIB-50-12-GY6.35-12/30
HALOSTAR PRO 60 W 12 V GY6.35	0.0 mg	Yes	Any	Yes	B	64 kWh/1000h	HSGST/UB/UI-60-12-GY6.35-12/30

<sup>1)</sup> At 1 min on / 3 min off

## Product family datasheet



HALOSTAR PRO 7 W 12 V G4,  
HALOSTAR PRO 14 W 12 V G4,  
HALOSTAR PRO 25 W 12 V GY6.35,  
HALOSTAR PRO 35 W 12 V GY6.35,  
HALOSTAR PRO 50 W 12 V GY6.35,  
HALOSTAR PRO 60 W 12 V GY6.35

HALOSTAR PRO 7 W 12 V G4,  
HALOSTAR PRO 14 W 12 V G4,  
HALOSTAR PRO 25 W 12 V GY6.35,  
HALOSTAR PRO 35 W 12 V GY6.35,  
HALOSTAR PRO 50 W 12 V GY6.35,  
HALOSTAR PRO 60 W 12 V GY6.35

### Application advice

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

### Logistical Data

## Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321963192	HALOSTAR PRO 7 W 12 V G4	Shipping carton box 40	144 mm x 107 mm x 121 mm	1.86 dm <sup>3</sup>	165.00 g
4008321317964	HALOSTAR PRO 14 W 12 V G4	Shipping carton box 40	144 mm x 119 mm x 121 mm	2.07 dm <sup>3</sup>	190.00 g
4050300987262	HALOSTAR PRO 25 W 12 V GY6.35	Shipping carton box 40	144 mm x 107 mm x 121 mm	1.86 dm <sup>3</sup>	216.50 g
4050300615905	HALOSTAR PRO 35 W 12 V GY6.35	Shipping carton box 40	125 mm x 127 mm x 121 mm	1.92 dm <sup>3</sup>	197.40 g
4050300615936	HALOSTAR PRO 50 W 12 V GY6.35	Shipping carton box 40	144 mm x 126 mm x 121 mm	2.20 dm <sup>3</sup>	199.00 g
4050300785400	HALOSTAR PRO 60 W 12 V GY6.35	Shipping carton box 40	144 mm x 107 mm x 121 mm	1.86 dm <sup>3</sup>	224.29 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.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.