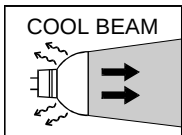
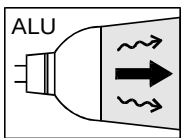


HALOPAR 30

Product characteristics:



- Halogen lamp for line voltage without need of transformer.
- 15% energy savings in comparison to conventional reflector lamps.
- Brilliant, white halogen light.
- Burner with UV-filter glass. Meets the most stringent UV protection thresholds (NIOSH). Reduction of bleaching effect.
- Open operation permitted acc. to IEC 60598-1.
- Cut glass reflector optional in aluminium or cool-beam version.
Cool-beam reflectors carry off thermal radiation to the back of the lamp, so they are especially appropriate for illuminating thermally susceptible objects.



Range:

Order-code	Voltage	Wattage*	Luminous intensity	Beam angle	Lampe life	ILCOS-code
64841 SP (Alu)	230/240V	75W	6900 cd	10°	2000h	HAGS/UB-75-230-E27-97/10
64841 FL (Alu)	"	"	2200 cd	30°	"	HAGS/UB-75-230-E27-97/30
64845 SP (CB)	"	"	7500 cd	10°	"	HRGS/UB-75-230-E27-97/10
64845 FL (CB)	"	"	2400 cd	30°	"	HRGS/UB-75-230-E27-97/30

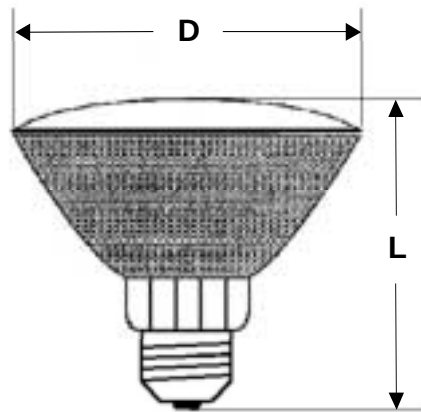
* Maximum permitted tolerance nominal value +8% acc. to IEC 60357.

HALOPAR 30

Light data:

Maintenance	Decrease of axial luminous intensity <20% after 75% of the nominal life time.
Colour temperature	ALU: 2900 K $\pm$ 100 CB: 2950 K $\pm$ 100
UV-radiation	The irradiance is clear below the NIOSH-threshold values for skin and eye. Due to the cover lens the bleaching effect is clear reduced (depending on the radiated material!).
Light distribution	Available on the Light programm CD-ROM, in the directory "Eulumdat".

Geometry:



Values in mm	Desig.	HALOPAR 30
Overall length	L	max. 90,5 mm
Refl. diameter	D	max. 97,0 mm



Please note:

Dimensions and tolerances are subject to change within the IEC regulations!
Not explicitly given dimensions cannot be evaluated out of measuring lamp samples!

HALOPAR 30

Temperature behaviour:

	Cap temperature
Burning position	Base up
Max. permitted temperature acc. to 60432 - 1	210°C
Operating Temperature; free burning	
75W	175°C

Measurement conditions:

Measurement in the most unfavourable burning position for the lamp.

Surrounding temperature: 25°C (acc. to DIN 5032)

Voltage: 230V



Operating temperature for free burning use is not obliging and is useful for orientation only.

Operating conditions:

Burning position any

Areas of application HALOPAR 30 is **not** suitable for exterior use.

Dimmable 100%

Safety distance



According to IEC 60598-1 "minimum safety distance" the max. temperature permitted on the illuminated area is 90°C. This max. temperature has to be ensured by the minimum distance. This distance has to be determined through the luminaire manufacturer by appropriate measurements.

Environmental sensitivity:

HALOPAR 30 be disposed as household waste.

Validity:

These technical information sheets (TI-sheets) are updated in irregular intervals. The user is responsible to ensure that the information they have is up to date and still valid. Once a new TI-sheet has been issued, former editions are to be seen as invalid and disposed of.