

# PRODUCT DATASHEET HALOLINE PRO 230 W 230 V R7S

HALOLINE® PRO | Double ended halogen lamps with tube base



### Areas of application

- General illumination
- Entrance lighting
- Pathway lighting
- Outdoor applications only in suitable luminaires
- Traffic areas
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings
- Ideal for emphasizing and accentuating the structure of a room

# **Product benefits**

- Brilliant accent lighting
- Direct replacement for standard tubular halogen lamps
- $\,$  Significantly lower  $\mbox{CO}_2$  emissions compared to standard version
- Lower thermal output (compared with the standard reference product)
- No transformer required
- Contains no mercury

## Product features

- Average life: 2,000 h
- Dimmable
- Color rendering index Ra: 100



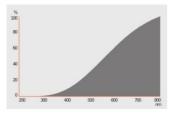
# TECHNICAL DATA

# Electrical data

Nominal wattage	230 W
Construction wattage	230.00 W
Nominal voltage	230 V
Claimed equiv. conventional lamp power	300 W
Power factor $\lambda$	1.00

### Photometrical data

Luminous flux	5000 lm
Luminous efficacy	21 lm/W
Lumen main.fact.at end of nom.life time	0.80
Light color (designation)	Warm White
Color temperature	2900 K
Color rendering index Ra	100
Light color	1029
UV protection	No



349635\_HAL\_ohne\_UVS

# Light technical data

Warm-up time (60 %)	0.00 s
Starting time	0.0 s

# Dimensions & Weight

Overall length	114.20 mm
Diameter	12.00 mm
Maximum diameter	12 mm
Product weight	11.00 g

# Lifespan

Lifespan	
Number of switching cycles	50000
Additional product data	
Base (standard designation)	R7s
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Tube
Product remark	Fuse protection with indicated values recommended acc. to IEC60357, EN60357 / For outdoor applications and operation in damp locations special approved fixtures are required
Capabilities	
Dimmable	Yes
Burning position	Any
Certificates & Standards	
Energy efficiency class	G
Energy consumption	230.00 kWh/1000h
Country-specific categorizations	
ILCOS	HDG-230-230-R7s-114,2
Order reference	64701 ECO
Energy labelling regulation data acc EU 2019/2015	
Lighting technology used	OTHER
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	R7s
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
Length	119.60 mm
Height	12.00 mm
Width	12.00 mm

Chromaticity coordinate x	0.444
Chromaticity coordinate y	0.406
Beam angle correspondence	SPHERE_360
EPREL ID	1337666
Model number	A520905,A520905,A520905

# 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**

Photometric and lighting design files	Document name	
Spectral power distribution	349635_HAL_ohne_UVS	

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321207692	Folding box 1	140 mm x 18 mm x 22 mm	18.00 g	0.06 dm <sup>3</sup>
4058075308688	Shipping box 60	195 mm x 148 mm x 133 mm	1669.00 g	3.84 dm <sup>3</sup>
4052899365391	Shipping box 720			

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.