PRODUCT DATASHEET
HALOSPOT 70 50 W 12 V 24° BA15D

HALOSPOT 70 | Halogen spot lamps with 70 mm aluminum reflector

AREAS OF APPLICATION

– General illumination
– Shops
– Restaurants, hotels and similar prestigious applications
– Offices, public buildings

PRODUCT BENEFITS

– Brilliant accent light
– Cap for reduced glare and ease of handling
– Excellent distribution of light thanks to facetted reflector
– Approved for use in open luminaires (to IEC 60598-1)
– UV filter
– Drastically reduced thermal load in luminaire thanks to aluminum-coated reflector
– Contains no mercury

PRODUCT FEATURES

– Average life: 4,000 h
– 100 % dimmable
– Color rendering index R_a: 100
– Diameter: 70 mm

TECHNICAL DATA

Electrical data

Nominal wattage	50.00 W
Nominal voltage	12 V
Rated wattage	50.00 W
Power factor λ	1.00

Photometrical data

Nominal useful luminous flux 90°	510 lm
Luminous intensity [PIM]	2600 cd
Rated color temperature	2950 K
Light color (designation)	Warm White
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.75
Color temperature	2950 K
Luminous flux	400 lm
Color rendering index Ra	100
Rated useful luminous flux 90°	510 lm
Rated peak intensity	2600 cd

Light technical data

Beam angle	24 °
Nominal beam angle	24 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s
Rated beam angle (half peak value)	24.00 °

Dimensions & weight
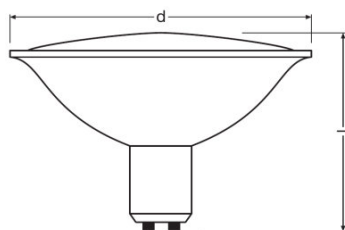
Diameter	70.0 mm

Length	50.0 mm
Overall length	45.6 mm
Outer bulb	AR70
Maximum diameter	70.0 mm

Lifespan

Nominal lamp life time	3000 h
Rated lamp life time	4000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	BA15d
Mercury content	0.0 mg
Mercury-free	Yes

Capabilities

Burning position	Any
Dimmable	Yes

Certificates & standards

Energy consumption	54 kWh/1000h
Energy efficiency class	C

Country-specific categorizations

ILCOS	HMGS//UB-50-12-BA15D-70/24

Light Distribution
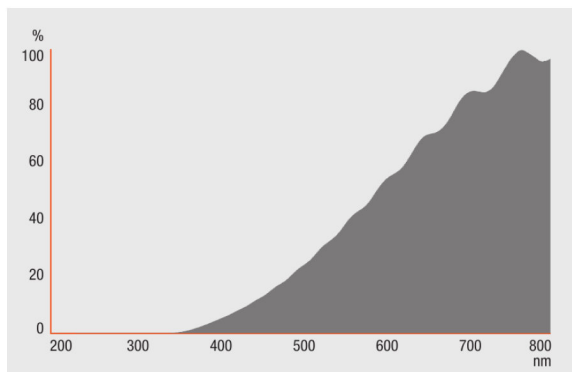
Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300004020	Folding carton box 1	62 mm x 58 mm x 58 mm	36.00 g	0.21 dm³
4050300226484	Shipping carton box 10	306 mm x 75 mm x 126 mm	396.00 g	2.89 dm³

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.