

---

## HALOSPOT 48 20 W 12 V 8° GY4

HALOSPOT 48 | Halogen spot lamps with 48 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 faceted 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

- Color temperature: 2,800 K
- 100 % dimmable
- Color rendering index  $R_a$ : 100
- Diameter: 48 mm

# Product datasheet

## Technical data

### Electrical data

|                        |         |
|------------------------|---------|
| Nominal wattage        | 20.00 W |
| Nominal voltage        | 12.0 V  |
| Rated wattage          | 20.00 W |
| Power factor $\lambda$ | 1.00    |

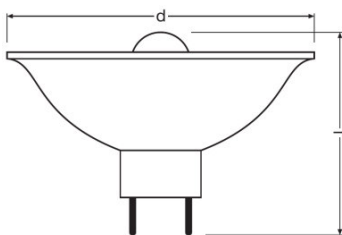
### Photometrical data

|                                  |            |
|----------------------------------|------------|
| Nominal useful luminous flux 90° | 150 lm     |
| Luminous intensity               | 3100 cd    |
| Color temperature                | 2800 K     |
| Light color (designation)        | Warm White |
| Color rendering index Ra         | 100        |
| Rated useful luminous flux 90°   | 150 lm     |

### Light technical data

|                     |        |
|---------------------|--------|
| Beam angle          | 8 °    |
| Starting time       | 0.0 s  |
| Warm-up time (60 %) | 0.00 s |

### Dimensions & weight



|                  |         |
|------------------|---------|
| Diameter         | 48.0 mm |
| Length           | 38.0 mm |
| Overall length   | 36.0 mm |
| Outer bulb       | T9      |
| Maximum diameter | 48.0 mm |

### Lifespan

## Product datasheet

|   |        |
|---|--------|
| Nominal lamp life time                  | 2000 h |
| Rated lamp life time                    | 2000 h |
| Number of switching cycles              | 50000  |
| Lumen main.fact.at end of nom.life time | 0.75   |

### Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | GY4    |
| Mercury content             | 0.0 mg |
| Mercury-free                | Yes    |

### Capabilities

|                  |     |
|------------------|-----|
| Burning position | Any |
| Dimmable         | Yes |

### Certificates & standards

|                         |              |
|-------------------------|--------------|
| Energy efficiency class | C            |
| Energy consumption      | 22 kWh/1000h |

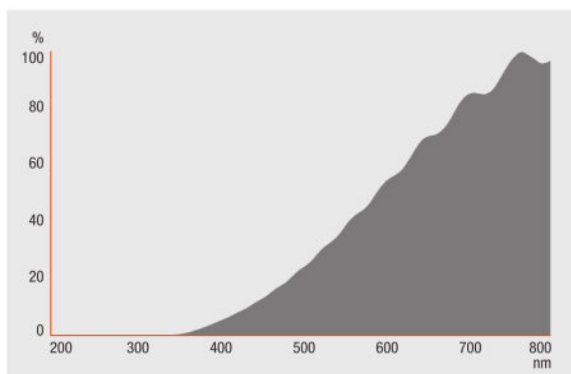
### Country specific categorizations

|       |                         |
|-------|-------------------------|
| ILCOS | HMGs//UB-20-12-GY4-48/8 |
|-------|-------------------------|

# Product datasheet

## Light Distribution

---



## Spectral power distribution

---

### Logistical Data

| Product code  | Product description             | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|---------------------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4050300003962 | HALOSPOT 48 20 W<br>12 V 8° GY4 | Shipping carton box<br>10    | 231 mm x 69 mm x<br>96 mm            | 1.53 dm <sup>3</sup> | 253.00 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.

---

### References / Links

For light distribution curves see

▶ [www.osram.com](http://www.osram.com)

---

### Disclaimer

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