

Product Data Sheet

LED zapuštěné světlo R48

Led recessed light R48-56-3090-24-WH



Order number

253464185

Unit EAN13 code

8595209964236

General information

| | |
|---|---|
| Model/Description | LED svítidlo |
| Finish | Vestavné |
| Brand/Manufacturer | GRACION |
| Nominal service life (h) | 50000 h |
| Degree of protection (IP) | IP20 |
| Dimmable | Ne |
| Built-in depth | 130 mm |
| Lamp type | LED |
| Electrical connection with connector system | Ano |
| Nominal voltage (V) | 220 - 240 V |
| Degree of protection (IP) | IP20 |
| Suitable for number of lamps | 2 |
| Suitable for built-in mounting | Ano |
| Suitable for ceiling mounting | Ano |
| Dimmable by conventional dimmers | Ne |
| Název položky | Led recessed light R48-56-3090-24-WH |

Electrical characteristics

| | |
|--|--------------------|
| Nominal wattage | 56 W |
| Rated power (W) | 56 W |
| Operating voltage (V) | 100 - 240 V |
| Type of Voltage | AC |
| Lowest permitted operating voltage (V) | 220 V |
| Lamp power | 28 W |
| Voltage type | AC |

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|--------------|------|
| System power | 56 W |
|--------------|------|

Working conditions

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|---------------------------------------|-----------------------|
| Integrated driver | Ne |
| Light source is part of the fixture | Ano |
| Maximum permitted storage temperature | 80 °C |
| Burning position | Vertikální |
| Application | Všeobecné osvětlování |
| Type of control gear | LED driver CC |
| Suitable for frequent switching | Ano |
| Ambient temperature | -20/+40 °C |
| Fire resistance "F" | Ano |
| Fit for monitor workplace | Ano |
| Driver included | Ano |

Mounting methods/application

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|-----------------|----------|
| Mounting method | Vestavná |
|-----------------|----------|

Physical characteristics

| | |
|-------------------|--------------------|
| Dimensions (mm) | 327 x 165 x 112 mm |
| Packing method | 1 |
| Width | 165 mm |
| Reflector | Matný |
| Colour housing | Bílá |
| Built-in width | 150 mm |
| Length | 327 mm |
| Height/depth (mm) | 112 mm |
| Material housing | Aluminium |
| Built-in length | 150 mm |
| Type of surface | Matný |
| Number of LEDs | 1 |
| Swivelling model | Ano |
| Adjustability | Otočné a výklopné |

EuP Parameters

| | |
|--|--------------|
| Average Lifetime B50 (h) | 50000 h |
| Luminescence Life maintenance factor | 80 % |
| Factor of functional reliability (LSF) after nom. life | 50 % |
| Number of maximal switching cycles | >250000 |
| The rate of premature failures | <1 % |
| Colour difference | 90 % |
| Rated service life | 50000 h |
| Energy consumption (AGGR) | 56 kWh/1000h |
| Turn-on time | <0,2 s |

Additional information

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|-----------|-----|
| With lamp | Ano |
|-----------|-----|

Lighting characteristics

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|------------------------------------|---------------------|
| Light Colour | teplá bílá |
| Wavelength range | 400 - 800 nm |
| Luminous flux | 5550 lm |
| Colour temperature | 3000 K |
| Radiation angle | 24 ° |
| Colour rendering index CRI | 90 Ra |
| Colour of light | 930 |
| Anti-glare limiting UGR lengthwise | 19 |
| Anti-glare limiting UGR crosswise | 19 |
| Light outlet | Přímé |
| Light sharing | Symetrické |
| Radiation angle | Střední úhel 21-40° |
| Colour temperature | 2900 - 3200 K |
| Effective luminous flux | 5550 lm |
| Colour | Bílá |
| Beam angle Degrees (°) | 24 ° |

Safety information

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|---------------------|--|
| Insulation class | Třída II |
| Safety instructions | www.nbb.cz |
| Protection class | Dvojitou izolací |

Energetic characteristics

| | |
|-----------------------------|------------|
| Lamp Power factor (PF) | 0,99 |
| Rated efficiency after 100h | 99,99 % |
| Lamp efficacy | 99,10 lm/W |

Popis

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