

Electric Parameters

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|--------------------------|-------------|
| Inrush current | 12 A |
| Mains frequency | 50/60 Hz Hz |
| dimmable | Nie |
| Dimming with push-button | Nie |

Light Application Parameters

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|--|----------------------|
| Luminous flux adjustable | Nie |
| Luminous flux | 8800 lm |
| Rated luminous flux according to IEC 62722-2-1 | 8800 lm |
| Beam angle adjustable | Nie |
| Beam angle | 100 ° |
| Efficacy | 88 lm/W |
| Colour of light adjustable | Nie |
| CCT Switch | Nie |
| Colour of light | White |
| Code of light color | 865 |
| Color temperature | 6500 K |
| Color rendering index | ≥ 80 |
| Color Stability | ≤ 6 sdc _m |
| Light sharing | Symmetric |
| With light sensor | Nie |

Service Life

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|----------------------|----------|
| Mean service life | 30000 h |
| Lifetime L70B50 | 30000 h |
| No. switching cycles | ≥ 100000 |

Specification

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|--|----------------|
| Length | 306 mm |
| Length | 306 mm |
| Height | 70 mm |
| Width | 326 mm |
| Cable Length | 1 m |
| Material | Aluminium / PC |
| Impact strength | IK07 |
| Photobiological safety according to EN 62471 | RG0 |

Specification

| | |
|---------------------------|-----|
| With light source | Tak |
| Exchangeable control gear | Nie |

Notes on Operation

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|---|-----------------------|
| Degree of protection (IP) | IP65 |
| Connection type | Other |
| Type of connection | Feed-in cable, 3-pole |
| Type of wiring | Ending |
| Max. number of luminaires per B10 circuit breaker | 16 |
| Max. number of luminaires per B16 circuit breaker | 25 |
| Max. number of luminaires per C16 circuit breaker | 25 |
| Permissible storage temperature | -30 °C - +70 °C |
| Ambient temperatures | -20...+40 °C |
| Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24 | Nie |
| Filament test according to IEC 60695-2-11 | 650 °C - 30 s |
| Mounting type | Surface mounted |
| Type of control gear | Not required |
| With light sensor | Nie |
| With movement sensor | Nie |
| Emergency power supply integrated | Nie |

Information especially for EPREL

| | |
|-----------------------------|-----|
| Lighting technology | LED |
| Mains/Non mains connectable | MLS |
| Color tunable light source | Nie |
| Flicker | 1.0 |
| Stroboscopic effect | 0.4 |

Notes

Robust aluminium casing in small build, LED-driver integrated, with 1m feed-in-cable, lightly frosted front screen, non-dim.

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.

The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.

The optimal field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

Special features



Illumination for in- and outdoors

LED FLOODLIGHT 100W/6500K BK IP65

Radium

General notes

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.

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