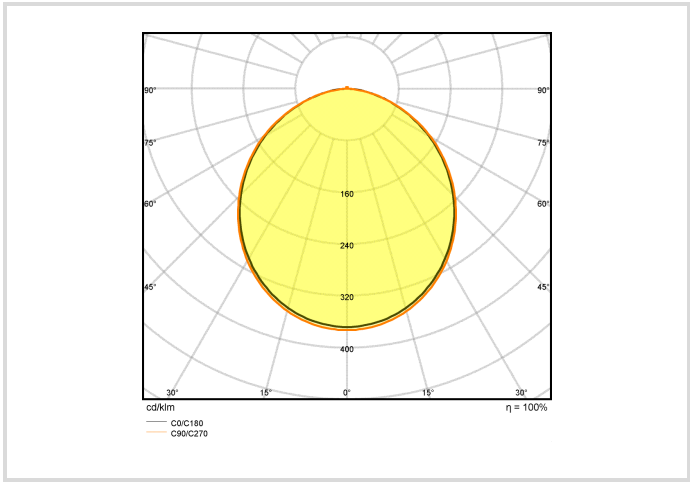


LED-luminaire for integration

LED DOWNLIGHT S 12W/3000K WT IP20

Radium

Product Datasheet Date: 22.09.2026



A+

3000K

General Data

|                           |                                   |
|---------------------------|-----------------------------------|
| Article No.               | DLSA1730                          |
| Code                      | LED DOWNLIGHT S 12W/3000K WT IP20 |
| Product EAN               | 4003556005150                     |
| Box quantitiy (pcs.)      | 10                                |
| EAN Box                   | 4003556405158                     |
| Gross weight of box in kg | 3.469                             |
| Length of box in m        | 0.52                              |
| Width of box in m         | 0.19                              |
| Height of box in m        | 0.2                               |
| Product weight            | 275 g                             |
| Product status            | <div></div> Inactive              |

Electric Parameters

|                   |           |
|-------------------|-----------|
| Max. system power | 12.0 W    |
| Nominal voltage   | 220-240 V |
| Voltage type      | AC        |
| Number of poles   | 2         |
| Inrush current    | 9 A       |

## Electric Parameters

|                          |          |
|--------------------------|----------|
| Mains frequency          | 50/60 Hz |
| dimmable                 | No       |
| Dimming with push-button | No       |
| Power Select             | No       |

## Light Application Parameters

|                                                |           |
|------------------------------------------------|-----------|
| Luminous flux adjustable                       | No        |
| Luminous flux                                  | 980 lm    |
| Rated luminous flux according to IEC 62722-2-1 | 980 lm    |
| Beam angle adjustable                          | No        |
| Beam angle                                     | 110 °     |
| Efficacy / Luminous efficiency                 | 82 lm/W   |
| Colour of light adjustable                     | No        |
| CCT Switch                                     | No        |
| Colour of light                                | White     |
| Color temperature                              | 3000 K    |
| Color rendering index                          | ≥ 80      |
| Color Stability                                | ≤ 6 sdcn  |
| Light sharing                                  | Symmetric |
| With light sensor                              | No        |

## Service Life

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

## Specification

|                                              |               |
|----------------------------------------------|---------------|
| Energylabel (E -> A++)                       | A+            |
| Diameter                                     | 170 mm        |
| Height                                       | 23 mm         |
| Impact strength                              | IK02          |
| Photobiological safety according to EN 62471 | RG0           |
| Material                                     | Aluminium     |
| Housing material                             | Aluminium     |
| Material cover                               | Plastic, opal |
| Housing colour                               | White         |

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# Radium

### Specification

|                   |     |
|-------------------|-----|
| With light source | Yes |
|-------------------|-----|

### Notes on Operation

|                                                   |                                         |
|---------------------------------------------------|-----------------------------------------|
| Degree of protection (IP)                         | IP20                                    |
| Protection class                                  | III                                     |
| Mode of operation                                 | with external LED driver                |
| Type of wiring                                    | Ending                                  |
| Max. number of luminaires per B10 circuit breaker | 24                                      |
| Max. number of luminaires per B16 circuit breaker | 30                                      |
| Max. number of luminaires per C16 circuit breaker | 44                                      |
| Permissible storage temperature                   | -30...+70 °C                            |
| Ambient temperatures                              | -20...40°C                              |
| Glow wire test                                    | 650 °C - 30s                            |
| Type of control gear                              | LED operating device current-controlled |
| With light sensor                                 | No                                      |
| With movement sensor                              | No                                      |
| Emergency power supply integrated                 | No                                      |

### Information especially for EPREL

|                                      |       |
|--------------------------------------|-------|
| Lighting technology                  | LED   |
| Mains/Non mains connectable          | MLS   |
| Directional or non-directional light | DLS   |
| Type of color temperature            | STEPS |
| Flicker                              | 1.0   |
| Stroboscopic effect                  | 0.4   |

### Notes

Flat LED-Downlight with high grade aluminium casing for integration, homogeneous light emission due to longlife PMMA diffusion disc, non-dim.

Please, refer to [www.radium.de/recycling](http://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



### 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

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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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**All technical data without guarantee.**