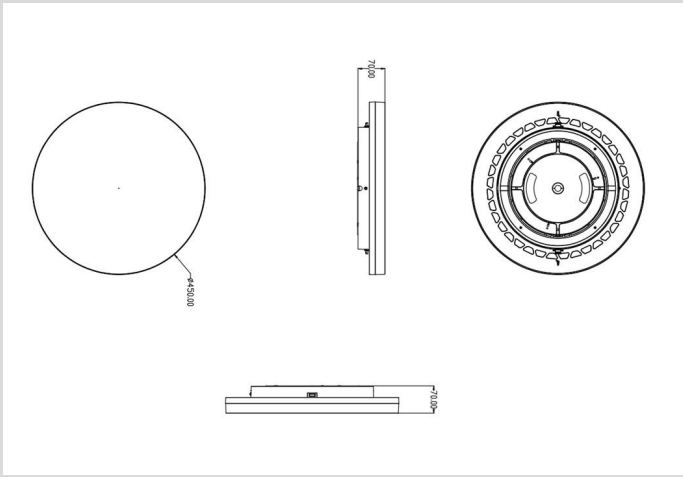
# LED Surface Luminaire Star IP54

Surface S 450mm 36W PS CCT

Radium

Product Datasheet Date: 11.11.2026






30006000K

## General Data

| | |
|---|---|
| Artikel Nr. | SFSA5128 |
| Bestellzeichen | SF S 450 36W PS CCT IP54 |
| EAN-Faltschachtel | 4003556015555 |
| Versandeinheit in Stk. | 5 |
| EAN Umkarton (Versandeinheit) | 4003556415553 |
| Brutto-Gewicht Versandeinheit in kg | 13.3 |
| Länge Versandeinheit in m | 0.48 |
| Breite Versandeinheit in m | 0.435 |
| Höhe Versandeinheit in m | 0.48 |
| Product weight | 2110 g |
| Produktstatus | Aktiv |

## Electric Parameters

| | |
|---|---|
| Factory setting wattage | 36.0 W |
| Max. system power | 36.0 W |
| Power factor | 0.9 |
| Nominal voltage | 220-240 V |
| Voltage type | AC |

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## Electric Parameters

| | |
|---|---|
| Factory setting lamp curent | 260 mA |
| Nominal current | 260-260 mA |
| Nominal current (mA) | 260 mA |
| Inrush current | 22 A |
| Mains frequency | 50/60 Hz |
| dimmable | Nein |
| Dimming with push-button | Nein |

## Light Application Parameters

| | |
|---|---|
| Luminous flux adjustable | Positions |
| Factory setting luminous flux | 4680 lm |
| Luminous flux | 4680 lm |
| Rated luminous flux according to IEC 62722-2-1 | 4680 lm |
| Luminous flux @3000K | 3428-4407 lm |
| Luminous flux @4000K | 3640-4680 lm |
| Luminous flux Q 6000/6500K | 3410-4384 lm |
| Beam angle adjustable | Nein |
| Beam angle | 110 ° |
| Unified Glare Ratio (UGR) | 25 |
| Efficacy / Luminous efficiency | 130 lm/W |
| Colour of light adjustable | Positions |
| Factory setting color temperature | 4000 K |
| CCT Switch | Nein |
| Colour of light | White |
| Color temperature | 3000 / 4000 / 6000 K |
| Color coordinate X | 0.376 |
| Color coordinate Y | 0.372 |
| Color rendering index | ≥ 90 |
| Color Stability | ≤ 5 sdcm |
| With light sensor | Nein |

## Service Life

| | |
|---|---|
| Lifetime L70B50 | 70000 h |
| Life L80B10 | 70000 h |
| No. switching cycles | ≥ 10.000 |
| Guarantee | 5 |

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## Specification

| | |
|---|---|
| Diameter | 450 mm |
| Length | 450 mm |
| Height/depth | 70 mm |
| Width | 450 mm |
| Impact strength | IK10 |
| Photobiological safety according to EN 62471 | RG0 |
| Material | PC |
| Housing material | Plastic |
| Material cover | Plastic matt/satinized |
| Housing colour | White |
| With light source | Ja |

## Notes on Operation

| | |
|---|---|
| Degree of protection (IP) | IP54 |
| Protection class | II |
| Connection type | Push-in clamp |
| Type of wiring | Suitable for through wiring |
| Max. number of luminaires per B10 circuit braker | 18 |
| Max. number of luminaires per B16 circuit braker | 29 |
| Ambient temperatures | -20 … +40 °C |
| Filament test according to IEC 60695-2-11 | 850 °C - 30 s |
| Type of control gear | LED operating device voltage-controlled |
| With light sensor | Nein |
| With movement sensor | Nein |
| Suitable for emergency lighting | Nein |
| Emergency power supply integrated | Nein |

## Information especially for EPREL

| | |
|---|---|
| Contains a lightsource of energy efficiency class | E |
| Mains/Non mains connectable | MLS |
| Directional or non-directional light | NDLS |
| Color tunable light source | Ja |
| Type of color temperature | STEPS |
| Color rendering index R9 | 97 |
| Flickering value Pst LM | 1 |
| Stroboscope effect value SVM | 0.4 |

# LED Surface Luminaire Star IP54
Surface S 450mm 36W PS CCT

## Notes

High-efficient, universal LED wall and ceiling luminaire IP54, integrated LED driver with power select, adjustable light color (steps)

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 optinal 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).

**Besonderheiten**




**Allgemeine Hinweise**
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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**All technical data without guarantee.**