PHILIPS

**RS350 G2 RC Rd D100**
**15W 40K 36D 1H**

929004099510



# Deep Recessed Spotlight, 15 W, 1600 lm, 4000 K, High-gloss mirror, Dark gray

Aluminum die-cast, Dark gray, Power supply unit, 1600 lm, 15 W, 106 lm/W, 4000 K, (0.3779, 0.3683) <5SDCM, High-gloss mirror, Clear, Polycarbonate, IP20 | Finger-protected, IK03 | 0.3 J, Safety class II, Flying leads/wires

## General Information

| | |
|---|---|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Nominal lifetime | 25,000 hour(s) |
| Switching Cycle | 15,000 |
| Warranty period | 1 years |

## Light Technical

| | |
|---|---|
| Luminous Flux | 1,600 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 106 lm/W |
| Color rendering index (CRI) | 90 |
| Number of light sources | 1 |
| Light source color | 940 neutral white |
| Optic type | High-gloss mirror |
| Luminaire light beam spread | 36° |
| Photobiological safety according to EN 62471 | RG1 |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 or 60 Hz |
| Inrush current | 14 A |
| Inrush time | 0.19 ms |
| Power Consumption | 15 W |
| Warm-up time to 60% light | <2 s |
| Power Factor (Fraction) | 0.9 |
| Connection | Flying leads/wires |
| Cable | Cable 0.1m without plug |
| Number of products on MCB of 16 A type B | 39 |
| Suitable for random switching | Not applicable |
| Protection class IEC | Safety class II |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit |
| Constant light output | No |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Aluminum die-cast |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Aluminum |
| Housing Color | Dark gray |
| Optical cover finish | Clear |
| Overall height | 108 mm |
| Overall diameter | 110 mm |
| Net weight | 0.515 kg |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK03 [0.3 J] |
| Net Weight (Piece) | 0.515 kg |

## Approval and Application

| | |
|---|---|
| Insulation Coverage Rating | Non IC Rating |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | For mounting on normally flammable surfaces |
| EU RoHS compliant | Yes |
| Warranty | 3 year(s) |
| EyeComfort | Yes |
| LED Innovations | EyeComfort |
| Ambient temperature range | -20 to +40 °C |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.3779, 0.3683) <5SDCM |
| Power consumption tolerance | +/-10% |

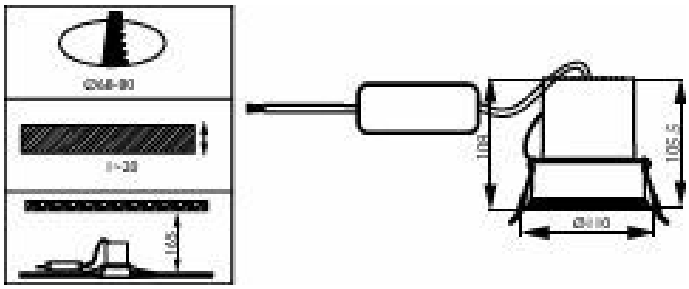
## Over Time Performance (IEC Compliant)

| | |
|---|---|
| Median useful life L70B50 | 25,000 hour(s) |

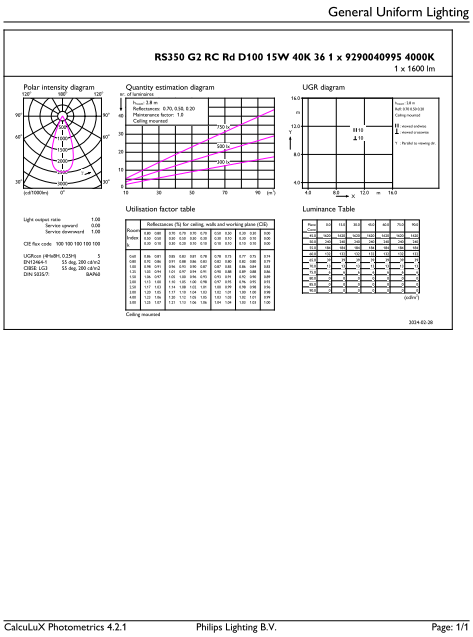
## Product Data

| | |
|---|---|
| Order product name | RS350 G2 RC Rd D100 15W 40K 36D 1H |
| Full product name | RS350 G2 RC Rd D100 15W 40K 36D 1H |
| Full product code | 694197061299900 |
| Order code | 929004099510 |
| Material Nr. (12NC) | 929004099510 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 6941970612999 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 6941970613002 |

## Dimensional drawing




## Photometric data


General Uniform Lighting

RS350 G2 RC Rd D100 15W 40K 36 1 x 9290040995 4000K
1 x 1600 lm

Polar intensity diagram

Quantity estimation diagram

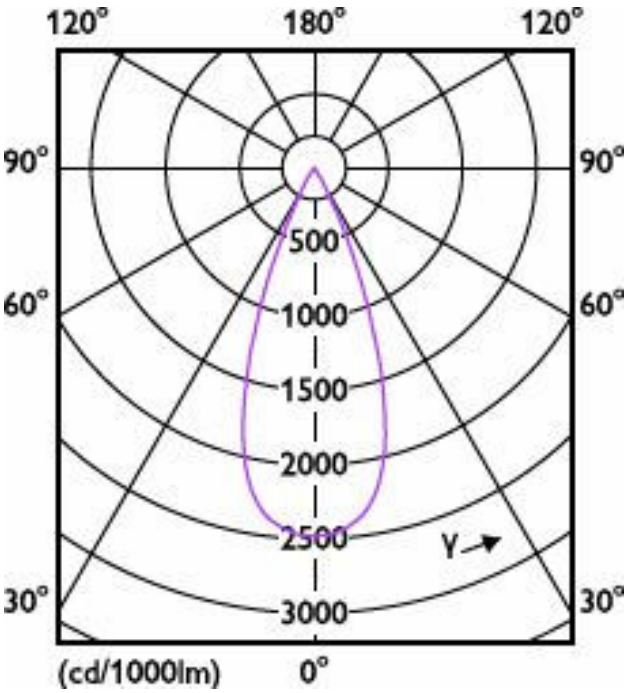
UGR diagram

Utilisation factor table

Luminance Table

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General uniform lighting - RS350 G2 RC Rd D100 15W 40K 36D 1H




Light Distribution Diagram - RS350 G2 RC Rd D100 15W 40K 36D 1H

## Related Documents

| Documents and certificates | Document Name | Download |
|---|---|---|
| Environmental Product Declaration | EPD-philips-Deep-Recessed-Spotlight-COMF-8880292-Ref-9290041306l0-20240903-EPD.pdf | Download |

| Photometry and lighting design | Document Name | Download |
|---|---|---|
| IES File | RS350-G2-RC-Rd-D100-15W-40K-36D-1H-9290040995-IES.ies | Download |

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