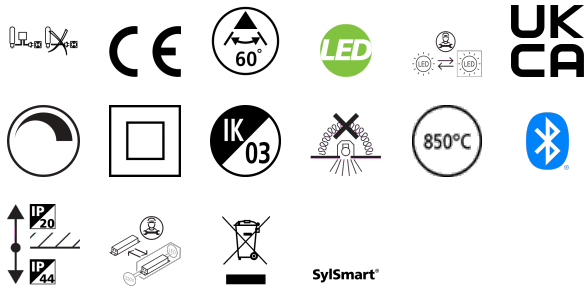


Solstice 100 1550lm 940 SSC01D

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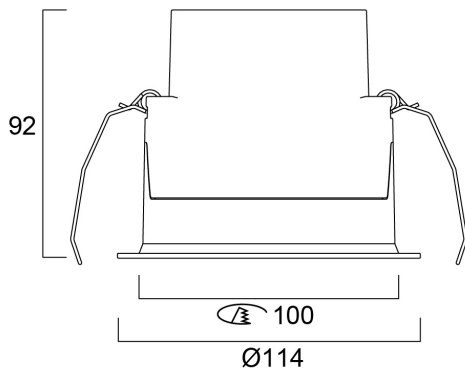
Concord



The Solstice 100 1550lm 940 SSC01D is a high efficient SYLSMART Standalone enabled downlight luminaire, Colour rendering index Ra>90, Colour temperature: 4000K Neutral White, Class II, Protection rating IP44/IP20, Cut out dimensions: 100mm

Technical Assets

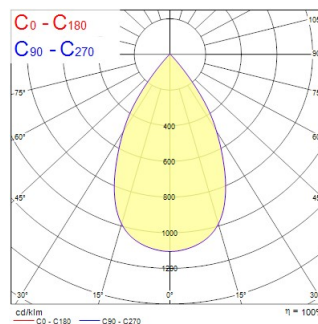
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|------------------|
| 0.5 | 0.57 | Ø171 | 6852 |
| 1.0 | 1.14 | Ø342 | 1713 |
| 1.5 | 1.71 | Ø513 | 761 |
| 2.0 | 2.28 | Ø684 | 425 |
| 2.5 | 2.85 | Ø855 | 274 |
| 3.0 | 3.42 | Ø1026 | 190 |

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 55.4°)



Solstice 100 1550lm 940 SSC01D

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Concord

General data

| | |
|----------------------------------|--------------------------------|
| Product name | Solstice 100 1550lm 940 SSC01D |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Ceiling recessed mounting |
| Built in presence detector | NONE |
| General application | Hospitality, Retail |
| Operating temperature range (°C) | 5°C...+35°C |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC001744 |
| E-number FI | 4170474 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 1550 |
| Luminaire efficacy (lm/W) | 115 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Colour Consistency (SDCM) | 3 |
| Beam Angle (°) | 60 |
| Distribution type | Symmetric |
| Glare control | < 20 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|-----------------------------|
| Emergency type | |
| Total power consumption (W) | 13.5 |
| Supply current (A) | 1 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| Lamp power factor | 0.9 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 0.1 |
| Electrical protection | Class II |
| Control gear required | Yes |
| Control gear type | LED driver constant current |
| Dimmable | Yes |
| Dimming method | SylSmart Standalone (SSC) |
| Drive current (mA) | 350 |
| Inrush Current (A) | 9.5 |
| Inrush Duration (µs) | 155 |
| Energy Efficiency Class (A->G) of contained light source | E |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 106 |
| Max. products per 16A C Breaker | 170 |
| Max. products per 10A B Breaker | 72 |
| Max. products per 16A B Breaker | 115 |
| Connectable conductor cross section - Min (mm ²) | 0.5 |
| Connectable conductor cross section - Max (mm ²) | 1.5 |

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 100000 |
| Lifespan L90 B50 | 56000 |

Solstice 100 1550lm 940 SSC01D

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Concord

Physical data

| | |
|-------------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP44/20 |
| IK rating | IK03 |
| Diffuser finish | Diffuse |
| Diffuser material | PC Polycarbonate |
| Reflector finish | High-gloss |
| Nominal Product Height (mm) | 92 |
| Nominal Product Diameter (mm) | 112 |
| Built-in diameter (mm) | 100 |
| Weight (kg) | 0.43 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5025768608539 |
| Packaging single length / height (cm) | 13.5 |
| Packaging single width (cm) | 13.5 |
| Packaging single depth (cm) | 16.5 |
| DUN14 (inner) | 05025768608539 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 13.5 |
| Packaging outer width (cm) | 13.5 |
| Packaging outer depth (cm) | 16.5 |

Safety data

| | |
|----------------------------------|------|
| Glow Wire Test (°C) | 850 |
| Optimal operating condition (°C) | 5-35 |