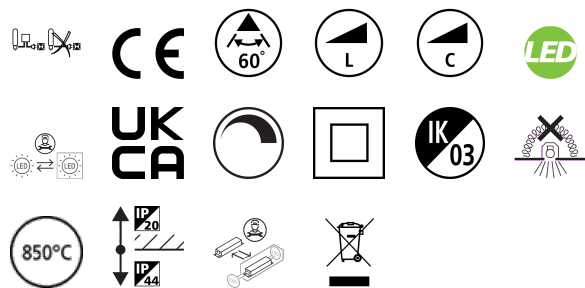


# Solstice 100 1550lm 940 DIM SB

Item No: 2060863

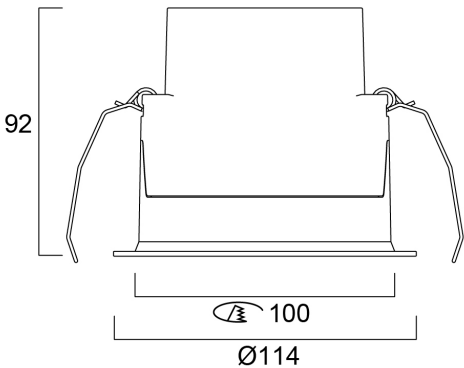
Concord



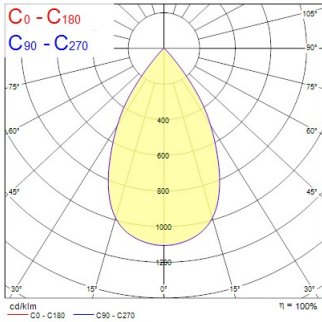
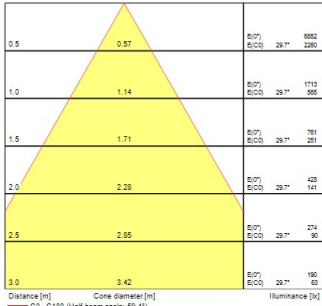
The Solstice 100 1550lm 940 DIM SB is a high efficient phase dimmable downlight luminaire, silver matt reflector, black bezel, Colour rendering index Ra>90, Colour temperature: 4000K Neutral White, Class II, Protection rating IP44/IP20, Cut out dimensions: 100mm

## Technical Assets

### Dimensions (mm)



### Photometrics



# Solstice 100 1550lm 940 DIM SB

Item No: 2060863

Concord

## General data

|                                  |                                |
|----------------------------------|--------------------------------|
| Product name                     | Solstice 100 1550lm 940 DIM SB |
| 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                      | 4170484                        |
| Warranty                         | 5 years                        |

## Optical data

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 1550          |
| Luminaire efficacy (lm/W)         | 111           |
| 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)                                      | 14                             |
| Supply current (A)                                               | 1                              |
| Primary Supply/Product voltage - min (V)                         | 220.0                          |
| Primary Supply/Product voltage - max (V)                         | 240.0                          |
| Lamp power factor                                                | 0.95                           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 0.2                            |
| Electrical protection                                            | Class II                       |
| Control gear required                                            | Yes                            |
| Control gear type                                                | LED driver constant current    |
| Dimmable                                                         | Yes                            |
| Dimming method                                                   | Mains: leading / trailing edge |
| Drive current (mA)                                               | 350                            |
| Inrush Current (A)                                               | 10                             |
| Inrush Duration (µs)                                             | 100                            |
| Energy Efficiency Class (A->G) of contained light source         | E                              |
| Nominal Frequency (Hz)                                           | 50/60Hz                        |
| Max. products per 10A C Breaker                                  | 81                             |
| Max. products per 16A C Breaker                                  | 131                            |
| Max. products per 10A B Breaker                                  | 51                             |
| Max. products per 16A B Breaker                                  | 82                             |
| Connectable conductor cross section - Min (mm²)                  | 0.5                            |
| Connectable conductor cross section - Max (mm²)                  | 1.5                            |

## Lifetime data

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

# Solstice 100 1550lm 940 DIM SB

Item No: 2060863

Concord

## Physical data

|                               |                         |
|-------------------------------|-------------------------|
| Housing colour                | RAL 9004 - Signal black |
| 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                    | 5025768608638  |
| Packaging single length / height (cm) | 13.5           |
| Packaging single width (cm)           | 13.5           |
| Packaging single depth (cm)           | 16.5           |
| DUN14 (inner)                         | 05025768608638 |
| 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 |