

### Features

- The Solstice 200 2400lm 940 SSC SBis a high efficient SSC SBdimmable downlight luminaire, Colour rendering index Ra>90, Colour temperature: 4000K Neutral White, Class II, Protection rating IP40/IP20, Cut out dimensions: 200mm.

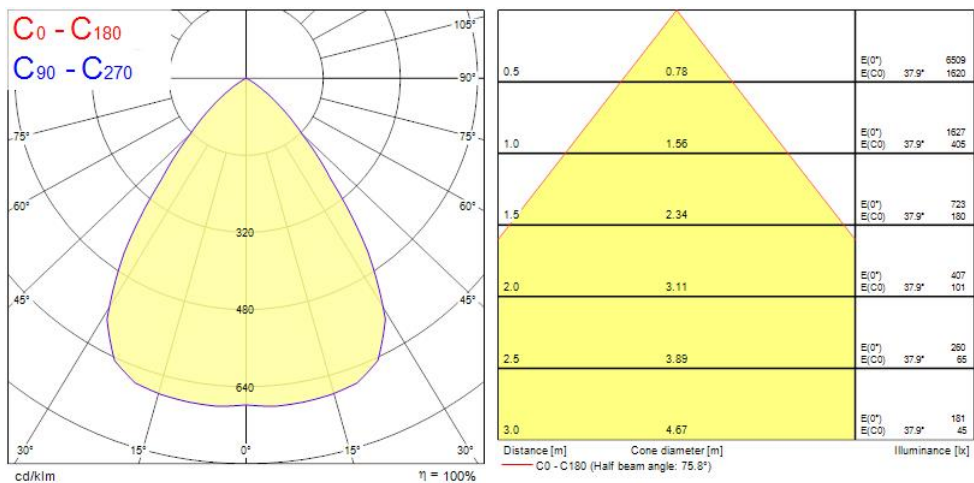
### Product Overview

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Product name                      | Solstice 200 2400lm 940 SSC01D SB |
| Technology                        | LED                               |
| Cap/Base                          | N/A                               |
| Housing                           | Aluminium                         |
| Mount                             | Ceiling recessed mounting         |
| General application               | Retail                            |
| ETIM Class                        | EC001744                          |
| E-number FI                       | 4262076                           |
| Fixture luminous flux (lm)        | 2400                              |
| Luminaire efficacy (lm/W)         | 141                               |
| LOR (%)                           | 100                               |
| Correlated colour temperature (k) | 4000                              |
| Light colour                      | Neutral White                     |
| CRI (Ra)                          | 90                                |
| Colour Consistency (SDCM)         | 3                                 |
| Colour Variation Initial (SDCM)   | 3                                 |
| Beam Angle (°)                    | 70                                |
| Glare control                     | < 19                              |
| Photobiological Risk Group        | RG0                               |

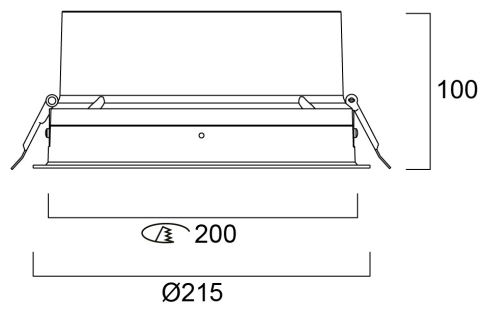
## Solstice 200 2400lm 940 SSC01D SB 2070242

|                             |                             |
|-----------------------------|-----------------------------|
| Total power consumption (W) | 17                          |
| Electrical protection       | Class II                    |
| Control gear type           | LED driver constant current |
| Dimmable                    | Yes                         |
| Minimum dimming level (%)   | 1                           |
| LED Flickering Rate         | Ultra low (5% or less)      |
| Housing colour              | RAL9005                     |
| IP rating                   | IP40/20                     |
| IK rating                   | IK02                        |
| Product EAN number          | 5025768702428               |
| Warranty                    | 5 years                     |
| Dimming method              | SylSmart SSC                |

### Photometry



## Technical drawings



## Data table

### GENERAL DATA

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Product name                            | Solstice 200 2400lm 940 SSC01D SB |
| Technology                              | LED                               |
| Cap/Base                                | N/A                               |
| Housing                                 | Aluminium                         |
| Mount                                   | Ceiling recessed mounting         |
| General application                     | Retail                            |
| Operating temperature range (°C)        | -10°C...+40°C                     |
| Performance ambient temperature Tq (°C) | 40                                |
| ETIM Class                              | EC001744                          |
| E-number FI                             | 4262076                           |
| Warranty                                | 5 years                           |

### OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 2400 |
| Luminaire efficacy (lm/W)  | 141  |

## Solstice 200 2400lm 940 SSC01D SB 2070242

|                                   |               |
|-----------------------------------|---------------|
| LOR (%)                           | 100           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 90            |
| Colour Variation Initial (SDCM)   | 3             |
| Colour Consistency (SDCM)         | 3             |
| Beam Angle (°)                    | 70            |
| Distribution type                 | Symmetric     |
| Glare control                     | < 19          |
| Photobiological Risk Group        | RG0           |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 17                          |
| Current (A)                                                      | 450                         |
| Primary Supply/Product voltage - min (V)                         | 220.0                       |
| Primary Supply/Product voltage - max (V)                         | 240.0                       |
| Lamp power factor                                                | 0.96                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 7                           |
| Electrical protection                                            | Class II                    |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | SylSmart SSC                |
| Minimum dimming level (%)                                        | 1                           |
| Drive current (mA)                                               | 450                         |
| Inrush Current (A)                                               | 25                          |
| Inrush Duration (µs)                                             | 141                         |
| Energy Efficiency Class (A->G) of contained light source         | C                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                                  | 31                          |
| Max. products per 13A C Breaker                                  | 40                          |
| Max. products per 16A C Breaker                                  | 51                          |

# Concord

## Solstice 200 2400lm 940 SSC01D SB 2070242

|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Max. products per 20A C Breaker                                 | 66  |
| Max. products per 10A B Breaker                                 | 19  |
| Max. products per 13A B Breaker                                 | 24  |
| Max. products per 16A B Breaker                                 | 31  |
| Max. products per 20A B Breaker                                 | 40  |
| Connectable conductor cross section -<br>Min (mm <sup>2</sup> ) | 0.5 |
| Connectable conductor cross section -<br>Max (mm <sup>2</sup> ) | 2.5 |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 120000 |
| Lifespan L80 B10 | 120000 |
| Lifespan L90 B10 | 68000  |

### PHYSICAL DATA

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | RAL9005          |
| IP rating                     | IP40/20          |
| IK rating                     | IK02             |
| Diffuser finish               | Diffuse          |
| Diffuser material             | PC Polycarbonate |
| Reflector finish              | High-gloss       |
| Nominal Product Height (mm)   | 100              |
| Nominal Product Diameter (mm) | 215              |
| Built-in diameter (mm)        | 200              |
| Max. Lamp Diameter (mm) - D   | 215              |
| Weight (kg)                   | 1.3              |
| Recessed Depth (mm)           | 150              |

### PACKAGING

|                                       |               |
|---------------------------------------|---------------|
| Product EAN number                    | 5025768702428 |
| Packaging single length / height (cm) | 30.0          |
| Packaging single width (cm)           | 30.0          |

# Concord

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|                                      |                |
|--------------------------------------|----------------|
| Packaging single depth (cm)          | 12.5           |
| DUN14 (inner)                        | 05025768702428 |
| Units per outer package              | 1              |
| Packaging outer length / height (cm) | 30.0           |
| Packaging outer width (cm)           | 30.0           |
| Packaging outer depth (cm)           | 12.5           |

## SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Glow Wire Test (°C)                 | 850    |
| Optimal operating condition (°C)    | -10-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |