

Solstice 150 1550lm LUMI 940 DALI  
2070142



## Features

- The Solstice 150 1550lm LUMI 940 DALI is a high efficient DALI dimmable downlight luminaire, Colour rendering index Ra>97, Colour temperature: 4000K Neutral White, Class II, Protection rating IP40/IP20, Cut out dimensions: 150mm. Melanopic Ratio /MEER 0.801

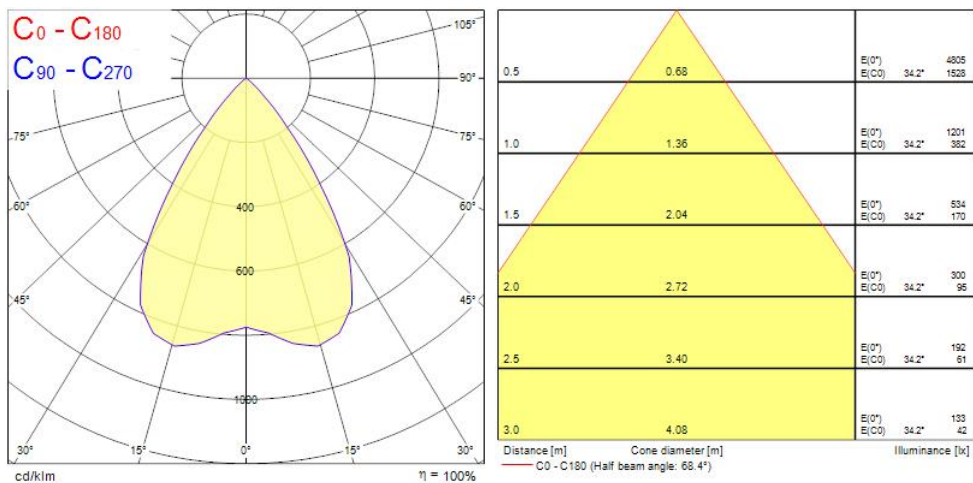
## Product Overview

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Product name                      | Solstice 150 1550lm LUMI 940 DALI |
| Technology                        | LED                               |
| Cap/Base                          | N/A                               |
| Housing                           | Aluminium                         |
| Mount                             | Ceiling recessed mounting         |
| General application               | Hospitality, Office, Retail       |
| ETIM Class                        | EC001744                          |
| E-number FI                       | 4262060                           |
| Fixture luminous flux (lm)        | 1550                              |
| Luminaire efficacy (lm/W)         | 91                                |
| LOR (%)                           | 100                               |
| Correlated colour temperature (k) | 4000                              |
| Light colour                      | Neutral White                     |
| CRI (Ra)                          | 97                                |
| Colour Consistency (SDCM)         | 3                                 |
| Colour Variation Initial (SDCM)   | 3                                 |
| Beam Angle (°)                    | 70                                |
| Glare control                     | < 19                              |
| Photobiological Risk Group        | RG0                               |

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|                             |                                        |
|-----------------------------|----------------------------------------|
| 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              | RAL9016                                |
| IP rating                   | IP40/20                                |
| IK rating                   | IK02                                   |
| Product EAN number          | 5025768701421                          |
| Warranty                    | 5 years                                |
| Dimming method              | DALI, DALI-2, Switch-dim (mains-rated) |

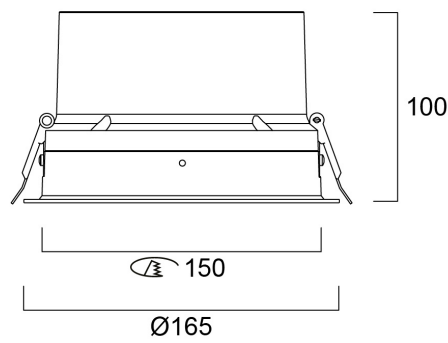
### Photometry



# Concord

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## Technical drawings



## Data table

### GENERAL DATA

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Product name                            | Solstice 150 1550lm LUMI 940 DALI |
| Technology                              | LED                               |
| Cap/Base                                | N/A                               |
| Housing                                 | Aluminium                         |
| Mount                                   | Ceiling recessed mounting         |
| General application                     | Hospitality, Office, Retail       |
| Operating temperature range (°C)        | -10°C...+40°C                     |
| Performance ambient temperature Tq (°C) | 40                                |
| ETIM Class                              | EC001744                          |
| E-number FI                             | 4262060                           |
| Warranty                                | 5 years                           |

### OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 1550 |
| Luminaire efficacy (lm/W)  | 91   |

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|                                   |               |
|-----------------------------------|---------------|
| LOR (%)                           | 100           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 97            |
| 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                                                | 0.98                                   |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 9                                      |
| Electrical protection                                            | Class II                               |
| Control gear required                                            | No                                     |
| Control gear type                                                | LED driver constant current            |
| Dimmable                                                         | Yes                                    |
| Dimming method                                                   | DALI, DALI-2, Switch-dim (mains-rated) |
| Minimum dimming level (%)                                        | 1                                      |
| Drive current (mA)                                               | 450                                    |
| Inrush Current (A)                                               | 18                                     |
| Inrush Duration (µs)                                             | 140                                    |
| Energy Efficiency Class (A->G) of contained light source         | E                                      |
| Nominal Frequency (Hz)                                           | 50/60Hz                                |
| LED Flickering Rate                                              | Ultra low (5% or less)                 |
| Max. products per 10A C Breaker                                  | 36                                     |
| Max. products per 13A C Breaker                                  | 50                                     |
| Max. products per 16A C Breaker                                  | 60                                     |

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|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Max. products per 20A C Breaker                                 | 76  |
| Max. products per 10A B Breaker                                 | 22  |
| Max. products per 13A B Breaker                                 | 30  |
| Max. products per 16A B Breaker                                 | 36  |
| Max. products per 20A B Breaker                                 | 46  |
| 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 | 90000 |
| Lifespan L80 B20 | 90000 |
| Lifespan L80 B10 | 90000 |
| Lifespan L90 B10 | 90000 |

### PHYSICAL DATA

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | RAL9016          |
| 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) | 165              |
| Built-in diameter (mm)        | 150              |
| Max. Lamp Diameter (mm) - D   | 165              |
| Weight (kg)                   | 0.95             |
| Recessed Depth (mm)           | 150              |

### PACKAGING

|                                       |               |
|---------------------------------------|---------------|
| Product EAN number                    | 5025768701421 |
| Packaging single length / height (cm) | 27.5          |
| Packaging single width (cm)           | 25.0          |

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|                                      |                |
|--------------------------------------|----------------|
| Packaging single depth (cm)          | 12.5           |
| DUN14 (inner)                        | 05025768701421 |
| Units per outer package              | 1              |
| Packaging outer length / height (cm) | 27.5           |
| Packaging outer width (cm)           | 25.0           |
| 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     |