

# Solstice 200 2050lm 930 DALI Surface Mounted WW

Item No: 2070213

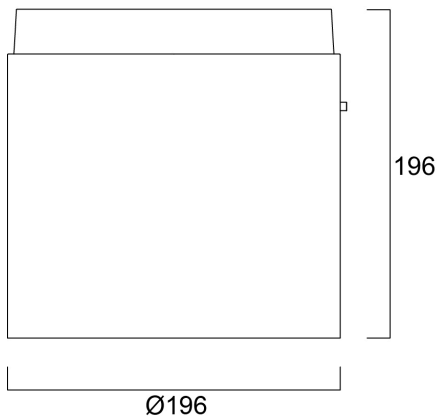
**Concord**



The Solstice 200 2050lm 930 DALI Surface Mounted WW - white reflector, white housing is a high efficient DALI dimmable downlight luminaire, Colour rendering index Ra>90, Colour temperature: 3000K Warm White, Class II, Overall dimensions: dia 196mm, height 196mm. Finish White reflector and White housing.

## Technical Assets

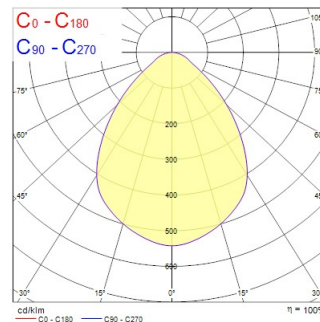
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|-------------------|------------------|
| 0.5          | 0.89              | Ø196              | Ø196              | 440              |
| 1.0          | 1.78              | Ø196              | Ø196              | 220              |
| 1.5          | 2.67              | Ø196              | Ø196              | 147              |
| 2.0          | 3.56              | Ø196              | Ø196              | 110              |
| 2.5          | 4.45              | Ø196              | Ø196              | 84               |
| 3.0          | 5.35              | Ø196              | Ø196              | 67               |

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 83.4°)



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### General data

|   |   |
|---|---|
| Product name                            | Solstice 200 2050lm 930 DALI Surface Mounted WW |
| Technology                              | LED   |
| Cap/Base                                | N/A   |
| Housing                                 | Aluminium, PC Polycarbonate                     |
| Mount                                   | Ceiling surface mounting                        |
| Built in presence detector              | NONE  |
| General application                     | Hospitality, Office, Retail                     |
| Operating temperature range (°C)        | 5°C...+35°C                                     |
| Performance ambient temperature Tq (°C) | 35  |
| Virtual assistant compatibility         | N/A   |
| ETIM Class                              | EC001744  |
| E-number FI                             | 4170429   |
| Warranty                                | 5 years   |

### Optical data

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 2050       |
| Luminaire efficacy (lm/W)         | 128        |
| LOR (%)                           | 100        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 90         |
| Colour Variation Initial (SDCM)   | SDCM3      |
| Colour Consistency (SDCM)         | 3          |
| Distribution type                 | Symmetric  |
| Glare control                     | < 24       |
| Photobiological Risk Group        | RG0        |

### Electrical data

|  |                                  |
|--|----------------------------------|
| Emergency type   |                                  |
| Total power consumption (W)                                      | 16                               |
| 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 % | 10                               |
| Electrical protection  | Class I                          |
| Control gear required  | No                               |
| Control gear type  | LED driver constant current      |
| Dimmable   | Yes                              |
| Dimming method   | DALI-2, Switch-dim (mains-rated) |
| Drive current (mA)   | 450                              |
| Inrush Current (A)   | 9.4                              |
| Inrush Duration (µs)   | 16                               |
| Energy Efficiency Class (A->G) of contained light source         | C                                |
| Nominal Frequency (Hz)   | 50/60Hz                          |
| Max. products per 10A C Breaker                                  | 53                               |
| Max. products per 13A C Breaker                                  | 40                               |
| Max. products per 16A C Breaker                                  | 85                               |
| Max. products per 20A C Breaker                                  | 33                               |
| Max. products per 10A B Breaker                                  | 33                               |
| Max. products per 13A B Breaker                                  | 53                               |
| Max. products per 16A B Breaker                                  | 53                               |
| Max. products per 20A B Breaker                                  | 66                               |
| Connectable conductor cross section - Min (mm <sup>2</sup> )     | 0.5                              |
| Connectable conductor cross section - Max (mm <sup>2</sup> )     | 1.5                              |

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### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 89000  |
| Lifespan L90 B50 | 42000  |

### Physical data

|                               |                                  |
|-------------------------------|----------------------------------|
| Housing colour                | RAL 9016 - Traffic white / Bezel |
| IP rating                     | IP20                             |
| IK rating                     | IK02                             |
| Diffuser finish               | Diffuse                          |
| Diffuser material             | PC Polycarbonate                 |
| Reflector finish              | Not Applicable                   |
| Nominal Product Height (mm)   | 196                              |
| Nominal Product Diameter (mm) | 196                              |
| Max. Lamp Diameter (mm) - D   | 196                              |
| Weight (kg)                   | 2.94                             |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768702138  |
| Packaging single length / height (cm) | 27.5           |
| Packaging single width (cm)           | 27.5           |
| Packaging single depth (cm)           | 26.5           |
| DUN14 (inner)                         | 05025768702138 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 27.5           |
| Packaging outer width (cm)            | 27.5           |
| Packaging outer depth (cm)            | 26.5           |

### Safety data

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