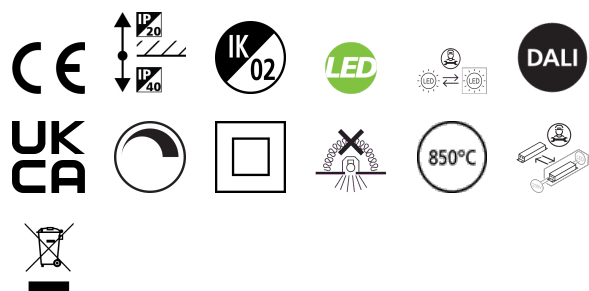


# Solstice 200 2400lm 940 DALI SB

Code article 2070234

Concord



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

## Atouts techniques

### Dimensions (mm)

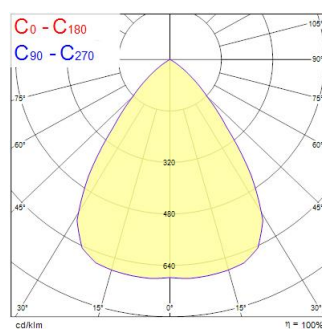


### Photométrie

|     |      |     |     |     |
|-----|------|-----|-----|-----|
| 0.5 | 0.78 | 50° | 50° | 850 |
| 1.0 | 1.56 | 50° | 50° | 425 |
| 1.5 | 2.34 | 50° | 50° | 283 |
| 2.0 | 3.11 | 50° | 50° | 214 |
| 2.5 | 3.89 | 50° | 50° | 170 |
| 3.0 | 4.67 | 50° | 50° | 142 |

Distance [m]    Cone diameter [m]    Illuminance [lx]

— C0 - C180 (Half beam angle: 75.8°)



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## Données générales

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| Nom du produit                          | Solstice 200 2400lm 940 DALI SB |
| Technologie                             | LED                             |
| Cap/Base                                | N/A                             |
| Housing                                 | Aluminium                       |
| Montage                                 | Ceiling recessed mounting       |
| Built in presence detector              | NONE                            |
| General application                     | Hospitality, Office, Retail     |
| Operating temperature range (°C)        | -10°C...+40°C                   |
| Performance ambient temperature Tq (°C) | 40                              |
| Virtual assistant compatibility         | N/A                             |
| ETIM Class                              | EC001744                        |
| Numéro virtuel FI                       | 4262074                         |
| Warranty                                | 5 ans                           |

## Données optiques

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 2400          |
| Luminaire efficacy (lm/W)       | 141           |
| LOR (%)                         | 100           |
| Température de couleur (K)      | 4000          |
| Couleur de lumière              | Neutral White |
| IRC (Ra)                        | 90            |
| Colour Variation Initial (SDCM) | SDCM3         |
| Colour Consistency (SDCM)       | 3             |
| Beam Angle (°)                  | 70            |
| Distribution type               | Symmetric     |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG0           |

## Caractéristiques électriques

|                                                                  |                                        |
|------------------------------------------------------------------|----------------------------------------|
| Consommation électrique totale (W)                               | 17                                     |
| Actuel (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                                     |
| Type d'appareillage                                              | LED driver constant current            |
| Dimmable                                                         | Yes                                    |
| Dimming method                                                   | DALI, DALI-2, Switch-dim (mains-rated) |
| Minimum dimming level (%)                                        | 1                                      |
| Drive current (mA)                                               | 450                                    |
| Courant d'appel (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                                     |
| 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 - Min (mm²)                  | 0.5                                    |
| Connectable conductor cross section - Max (mm²)                  | 2.5                                    |

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## Durée de vie

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

## Données physiques

|                               |                      |
|-------------------------------|----------------------|
| Housing colour                | RAL 9005 - Jet black |
| IP rating                     | IP40/20              |
| IK rating                     | IK02                 |
| Diffuser finish               | Diffuse              |
| Diffuser material             | PC Polycarbonate     |
| Finition réflecteur           | High-gloss           |
| Nominal Product Height (mm)   | 100                  |
| Nominal Product Diameter (mm) | 215                  |
| Built-in diameter (mm)        | 200                  |
| Max. Lamp Diameter (mm) - D   | 215                  |
| Poids (kg)                    | 1.5                  |
| Recessed Depth (mm)           | 150                  |

## Emballage

|                                      |                |
|--------------------------------------|----------------|
| Product EAN number                   | 5025768702343  |
| Longueur simple de l'emballage (cm)  | 30.3           |
| Largeur simple de l'emballage (cm)   | 30.3           |
| Packaging single depth (cm)          | 18.0           |
| DUN14 (inner)                        | 05025768702343 |
| Units per outer package              | 1              |
| Packaging outer length / height (cm) | 30.3           |
| Packaging outer width (cm)           | 30.3           |
| Packaging outer depth (cm)           | 18.0           |

## Sécurité

|                                           |        |
|-------------------------------------------|--------|
| Glow Wire Test (°C)                       | 850    |
| Condition de fonctionnement optimal (° C) | -10-40 |