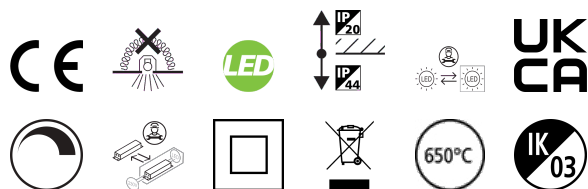


# ASCENT150 II SQ 1325 3K DALI

Item No: 2059381

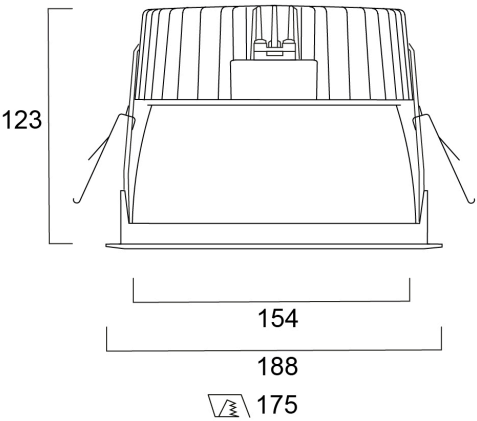
Concord



ASCENT150 II SQ 1325 3K DALI is a high efficient downlight luminaire, Colour rendering index Ra >80, Colour temperature: 3000K Warm white, Class II, Protection rating IP44/IK03

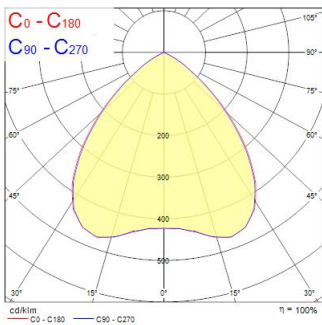
## Technical Assets

### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam diameter [in] | Illuminance [lx] |
|--------------|-------------------|----------------|-------------------|--------------------|------------------|
| 0.5          | 0.97              | 89.6°          | 1.94              | 76.4"              | 2230             |
| 1.0          | 1.94              | 89.6°          | 3.88              | 152.8"             | 558              |
| 1.5          | 2.91              | 89.6°          | 5.82              | 229.2"             | 239              |
| 2.0          | 3.88              | 89.6°          | 7.76              | 305.6"             | 115              |
| 2.5          | 4.85              | 89.6°          | 9.70              | 382.0"             | 61               |
| 3.0          | 5.82              | 89.6°          | 11.64             | 458.4"             | 31               |



# ASCENT150 II SQ 1325 3K DALI

Item No: 2059381

Concord

## General data

|                                         |                              |
|-----------------------------------------|------------------------------|
| Product name                            | ASCENT150 II SQ 1325 3K DALI |
| Technology                              | LED                          |
| Cap/Base                                | R17d                         |
| Housing                                 | Aluminium                    |
| Mount                                   | Ceiling recessed mounting    |
| Built in presence detector              | NONE                         |
| Environment                             | Internal                     |
| General application                     | Hospitality, Office, Retail  |
| Operating temperature range (°C)        | 25°C...+25°C                 |
| Performance ambient temperature Tq (°C) | 25                           |
| Virtual assistant compatibility         | N/A                          |
| ETIM Class                              | EC001744                     |
| E-number FI                             | 4237801                      |
| Warranty                                | 5 years                      |

## Optical data

|                                   |         |
|-----------------------------------|---------|
| Fixture luminous flux (lm)        | 1325    |
| Luminaire efficacy (lm/W)         | 147     |
| LOR (%)                           | 100     |
| Correlated colour temperature (k) | 3000    |
| CRI (Ra)                          | 80      |
| Colour Variation Initial (SDCM)   | SDCM3   |
| Colour Consistency (SDCM)         | 3       |
| Adjustable chromaticity           | N       |
| Beam Angle (°)                    | 80      |
| Distribution type                 | Diffuse |
| Glare control                     | < 21    |
| Photobiological Risk Group        | RG0     |

## Electrical data

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| Total power consumption (W)                                      | 9                              |
| Primary Supply/Product voltage - min (V)                         | 220                            |
| Primary Supply/Product voltage - max (V)                         | 240                            |
| Lamp power factor                                                | 1                              |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 7                              |
| Electrical protection                                            | Class II                       |
| Control gear type                                                | Electronic ballast             |
| Dimmable                                                         | Yes                            |
| Dimming method                                                   | DALI, Switch-dim (mains-rated) |
| Minimum dimming level (%)                                        | 1                              |
| Drive current (mA)                                               | 350                            |
| Inrush Current (A)                                               | 25                             |
| Inrush Duration (µs)                                             | 141                            |
| Energy Efficiency Class (A->G) of contained light source         | C                              |
| Nominal Frequency (Hz)                                           | 50/60/HF                       |
| 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)                  | 1                              |
| Connectable conductor cross section - Max (mm²)                  | 1                              |

## Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 100000 |
| Lifespan L90 B10 | 60000  |

# ASCENT150 II SQ 1325 3K DALI

Item No: 2059381

Concord

## Physical data

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | Aluminium        |
| IP rating                   | IP44/20          |
| IK rating                   | IK03             |
| Diffuser finish             | Transparent      |
| Diffuser material           | PC Polycarbonate |
| Reflector finish            | Other            |
| Nominal Product Length (mm) | 188              |
| Nominal Product Width (mm)  | 188              |
| Nominal Product Height (mm) | 123              |
| Weight (kg)                 | 1.03             |
| Recessed Depth (mm)         | 158              |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768593811  |
| Packaging single length / height (cm) | 25.0           |
| Packaging single width (cm)           | 20.0           |
| Packaging single depth (cm)           | 25.0           |
| DUN14 (inner)                         | 05025768593811 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 25.0           |
| Packaging outer width (cm)            | 20.0           |
| Packaging outer depth (cm)            | 25.0           |

## Safety data

|                                  |       |
|----------------------------------|-------|
| Glow Wire Test (°C)              | 650   |
| Optimal operating condition (°C) | 25-25 |