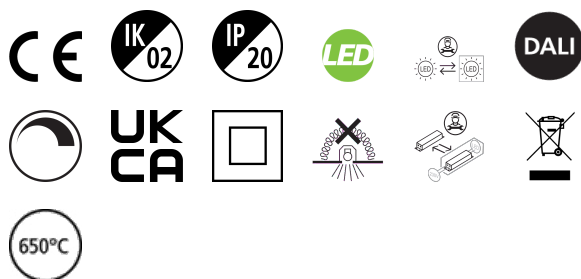


# Equinox 165 2100 930 DALI BLACK

Item No: 2060588

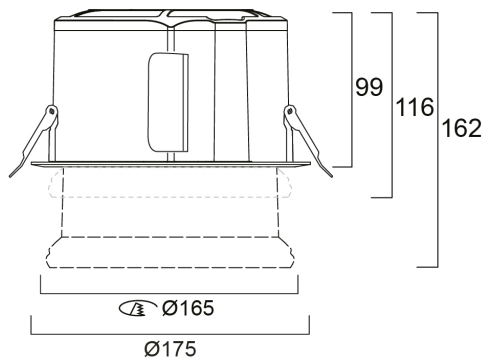
Concord



Equinox is an elegant and innovative luminaire designed using the latest optical technology. It is a high quality and efficient lighting solution for office, hospitality, and retail environments. It creates inspirational halo effects regulated by a unique adjustable optic system. It is DALI dimmable downlight luminaire, Colour rendering index Ra >90, Colour temperature: 3000K Warm White, Class II, Cut out dimensions: 165mm. Low Glare UGR<19. Finish Jet Black RAL 9005.

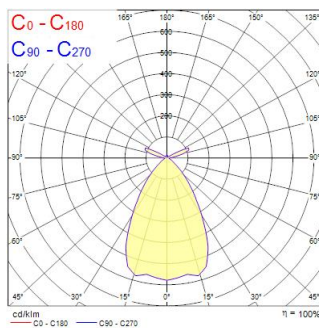
## Technical Assets

### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|----------------|-------------------|------------------|
| 0.5          | 0.64              | 66.6°          | 0.64              | 4880             |
| 1.0          | 1.29              | 66.6°          | 1.29              | 1215             |
| 1.5          | 1.93              | 66.6°          | 1.93              | 540              |
| 2.0          | 2.58              | 66.6°          | 2.58              | 304              |
| 2.5          | 3.22              | 66.6°          | 3.22              | 194              |
| 3.0          | 3.87              | 66.6°          | 3.87              | 136              |



# Equinox 165 2100 930 DALI BLACK

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Concord

## General data

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| Product name                            | Equinox 165 2100 930 DALI BLACK |
| Technology                              | LED                             |
| Cap/Base                                | N/A                             |
| Housing                                 | Aluminium                       |
| Mount                                   | Ceiling recessed mounting       |
| Built in presence detector              | NONE                            |
| General application                     | Office                          |
| Operating temperature range (°C)        | 1°C...+25°C                     |
| Performance ambient temperature Tq (°C) | 25                              |
| Virtual assistant compatibility         | N/A                             |
| ETIM Class                              | EC001744                        |
| Warranty                                | 5 years                         |

## Optical data

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 2100       |
| Luminaire efficacy (lm/W)         | 105        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 90         |
| Colour Consistency (SDCM)         | 3          |
| Colour Variation Initial (SDCM)   | SDCM3      |
| Beam Angle (°)                    | 64         |
| Distribution type                 | Diffuse    |
| Glare control                     | < 19       |
| Photobiological Risk Group        | RG1        |

## Electrical data

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| Total power consumption (W)                                      | 20                             |
| Primary Supply/Product voltage - min (V)                         | 220                            |
| Primary Supply/Product voltage - max (V)                         | 240                            |
| Lamp power factor                                                | 0.96                           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 3                              |
| Electrical protection                                            | Class II                       |
| Control gear type                                                | LED driver constant current    |
| Control gear mounting                                            | Remote                         |
| Dimmable                                                         | Yes                            |
| Dimming method                                                   | DALI, Switch-dim (mains-rated) |
| Minimum dimming level (%)                                        | 1                              |
| Drive current (mA)                                               | 650                            |
| Inrush Current (A)                                               | 26.4                           |
| Inrush Duration (µs)                                             | 224                            |
| Energy Efficiency Class (A->G) of contained light source         | D                              |
| Nominal Frequency (Hz)                                           | 50/60Hz                        |
| Max. products per 10A C Breaker                                  | 16                             |
| Max. products per 13A C Breaker                                  | 56                             |
| Max. products per 16A C Breaker                                  | 64                             |
| Max. products per 20A C Breaker                                  | 80                             |
| Max. products per 10A B Breaker                                  | 21                             |
| Max. products per 13A B Breaker                                  | 28                             |
| Max. products per 16A B Breaker                                  | 35                             |
| Max. products per 20A B Breaker                                  | 44                             |
| Connectable conductor cross section - Min (mm²)                  | 0.5                            |
| Connectable conductor cross section - Max (mm²)                  | 2.5                            |

# Equinox 165 2100 930 DALI BLACK

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Concord

## Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 114000 |
| Lifespan L80 B10 | 108000 |
| Lifespan L90 B10 | 51500  |

## Physical data

|                               |                      |
|-------------------------------|----------------------|
| Housing colour                | RAL 9005 - Jet black |
| IP rating                     | IP20                 |
| IK rating                     | IK02                 |
| Diffuser finish               | Other                |
| Diffuser material             | PMMA Acrylic         |
| Reflector finish              | Not Applicable       |
| Nominal Product Height (mm)   | 99                   |
| Nominal Product Diameter (mm) | 175                  |
| Weight (kg)                   | 1.55                 |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768605880  |
| Packaging single length / height (cm) | 20.0           |
| Packaging single width (cm)           | 25.0           |
| Packaging single depth (cm)           | 20.0           |
| DUN14 (inner)                         | 05025768605880 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 20.0           |
| Packaging outer width (cm)            | 25.0           |
| Packaging outer depth (cm)            | 20.0           |

## Safety data

|                                  |      |
|----------------------------------|------|
| Glow Wire Test (°C)              | 650  |
| Optimal operating condition (°C) | 1-25 |