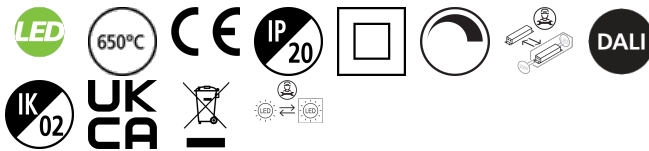


## Equinox EQUINOX 165 2300 940 DALI BLACK 2060589



### Product features

- 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: 4000K Neutral White, Class II, Cut out dimensions: 165mm. Low Glare UGR<19. Finish Jet Black RAL 9005.



### PRODUCT OVERVIEW

|                                 |                                 |
|---------------------------------|---------------------------------|
| Product name                    | EQUINOX 165 2300 940 DALI BLACK |
| Technology                      | LED                             |
| Cap/Base                        | N/A                             |
| Housing                         | Aluminium                       |
| Mount                           | Ceiling recessed mounting       |
| General application             | Office                          |
| ETIM Class                      | EC001744                        |
| Warranty                        | 5 years                         |
| Fixture luminous flux (lm)      | 2300                            |
| Luminaire efficacy (lm/W)       | 115                             |
| Colour temperature (K)          | 4000                            |
| Light colour                    | Neutral White                   |
| CRI (Ra)                        | 90                              |
| Colour Variation Initial (SDCM) | SDCM3                           |
| Colour Consistency (SDCM)       | 3                               |
| Beam Angle (°)                  | 64                              |
| Glare control                   | < 19                            |
| Photobiological Risk Group      | RG1                             |
| Total power consumption (W)     | 20                              |
| 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                               |
| Housing colour                  | RAL 9005 - Jet black            |
| IP rating                       | IP20                            |
| IK rating                       | IK02                            |
| Product EAN number              | 5025768605897                   |

## Equinox EQUINOX 165 2300 940 DALI BLACK 2060589

### DATA TABLE

#### General data

|   |                                 |
|---|---------------------------------|
| Product name                            | EQUINOX 165 2300 940 DALI BLACK |
| Technology                              | LED                             |
| Cap/Base                                | N/A                             |
| Housing                                 | Aluminium                       |
| Mount                                   | Ceiling recessed mounting       |
| General application                     | Office                          |
| Operating temperature range (°C)        | 1°C...+25°C                     |
| Performance ambient temperature Tq (°C) | 25                              |
| ETIM Class                              | EC001744                        |
| Warranty                                | 5 years                         |

#### Optical data

|   |               |
|---|---------------|
| Fixture luminous flux (lm)              | 2300          |
| Luminaire efficacy (lm/W)               | 115           |
| Colour temperature (K)                  | 4000          |
| Correlated colour temperature range (K) | 4000 - 4000   |
| Light colour                            | Neutral White |
| CRI (Ra)                                | 90            |
| Colour Variation Initial (SDCM)         | SDCM3         |
| Colour Consistency (SDCM)               | 3             |
| Beam Angle (°)                          | 64            |
| Distribution type                       | Diffuse       |
| Glare control                           | < 19          |
| Photobiological Risk Group              | RG1           |

#### Electrical data

|  |                                |
|--|--------------------------------|
| Total power consumption (W)                                    | 20                             |
| Mains voltage (V)  | 220-240V                       |
| 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                         |
| Transformer required   | No                             |
| Dimmable   | Yes                            |
| Dimming method   | DALI, Switch-dim (mains-rated) |
| Minimum dimming level (%)                                      | 1                              |
| Drive current (mA)   | 650                            |
| Drive current - Range (mA)                                     | 650mA / 650mA                  |
| Inrush Current (A)   | 26.4                           |
| Inrush Duration (µs)   | 224                            |
| Glow Wire Test (°C)  | 650                            |
| Energy Efficiency Class (A->G) of contained light source       | D                              |

## Equinox

### *EQUINOX 165 2300 940 DALI BLACK*

### 2060589

|                                   |         |
|-----------------------------------|---------|
| Nominal Frequency (Hz)            | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 16      |
| Max. Luminaires per 13A C Breaker | 56      |
| Max. Luminaires per 16A C Breaker | 64      |
| Max. Luminaires per 20A C Breaker | 80      |
| Max. Luminaires per 10A B Breaker | 21      |
| Max. Luminaires per 13A B Breaker | 28      |
| Max. Luminaires per 16A B Breaker | 35      |
| Max. Luminaires per 20A B Breaker | 44      |

#### 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                                  | None                 |
| Nominal Product Height (mm)                       | 99                   |
| Nominal Product Diameter (mm)                     | 175                  |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 165                  |
| Weight (kg)                                       | 1.55                 |

#### Packaging

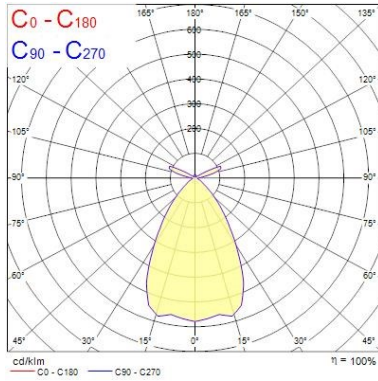
|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5025768605897  |
| Packaging single length / height (cm) | 20.0           |
| Packaging single width (cm)           | 25.0           |
| Packaging single depth (cm)           | 20.0           |
| DUN14 (outer)                         | 05025768605897 |
| 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

|                                  |      |
|----------------------------------|------|
| Optimal operating condition (°C) | 1-25 |
|----------------------------------|------|

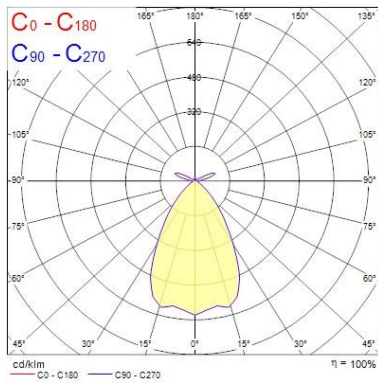
## PHOTOMETRY

## Equinox EQUINOX 165 2300 940 DALI BLACK 2060589



|     |      |                |              |
|-----|------|----------------|--------------|
| 0.5 | 0.64 | E(0°)<br>E(C0) | 5189<br>1552 |
| 1.0 | 1.28 | E(0°)<br>E(C0) | 1297<br>388  |
| 1.5 | 1.92 | E(0°)<br>E(C0) | 877<br>172   |
| 2.0 | 2.56 | E(0°)<br>E(C0) | 324<br>81    |
| 2.5 | 3.20 | E(0°)<br>E(C0) | 208<br>82    |
| 3.0 | 3.84 | E(0°)<br>E(C0) | 144<br>45    |

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 65.2°)



|     |      |                |              |
|-----|------|----------------|--------------|
| 0.5 | 0.64 | E(0°)<br>E(C0) | 5323<br>1582 |
| 1.0 | 1.29 | E(0°)<br>E(C0) | 1331<br>386  |
| 1.5 | 1.93 | E(0°)<br>E(C0) | 891<br>175   |
| 2.0 | 2.58 | E(0°)<br>E(C0) | 333<br>90    |
| 2.5 | 3.22 | E(0°)<br>E(C0) | 213<br>83    |
| 3.0 | 3.87 | E(0°)<br>E(C0) | 148<br>44    |

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 66.6°)

### TECHNICAL DRAWINGS

