

Equinox

EQUINOX 165 2300 TRIMLESS 930 DALI

2059954



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: 3000K Warm White, Class II, Cut out dimensions: 165mm. Low Glare UGR<19.



PRODUCT OVERVIEW

Product name	EQUINOX 165 2300 TRIMLESS 930 DALI
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)	3000
Light colour	Warm 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 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02
Product EAN number	5025768599547

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DATA TABLE

General data

Product name	EQUINOX 165 2300 TRIMLESS 930 DALI
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)	3000
Correlated colour temperature range (K)	3000 - 3000
Light colour	Warm 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)	20
Inrush Duration (µs)	140
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D

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Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	40
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 9016 - Traffic white / Bezel
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

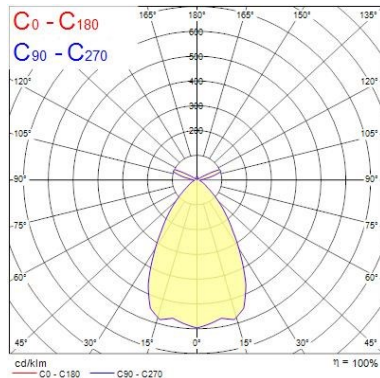
Single packaging type	Carton
Product EAN number	5025768599547
Packaging single length / height (cm)	20.0
Packaging single width (cm)	25.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768599547
Units per outer package	1
Packaging outer length / height (cm)	20.0
Packaging outer width (cm)	25.0
Packaging outer depth (cm)	20.0

Safety data

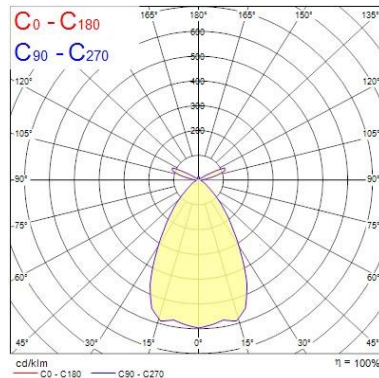
Optimal operating condition (°C)	1-25
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PHOTOMETRY

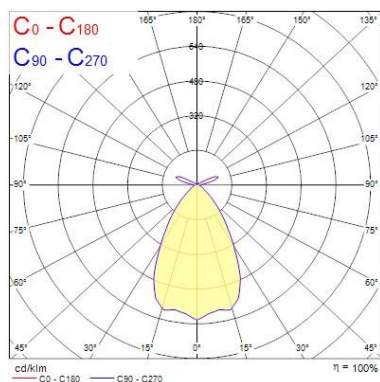
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0.5	0.62	E(0°) E(C0)	32.0°	5490 1681
1.0	1.25	E(0°) E(C0)	32.0°	1373 420
1.5	1.87	E(0°) E(C0)	32.0°	610 187
2.0	2.50	E(0°) E(C0)	32.0°	343 106
2.5	3.12	E(0°) E(C0)	32.0°	220 67
3.0	3.75	E(0°) E(C0)	32.0°	153 47
Distance[m]		Cone diameter[m]		Illuminance [lx]
C0 - C180 (Half beam angle: 64.0°)				



0.5	0.64	E(0°) E(C0)	32.8°	1015 305
1.0	1.28	E(0°) E(C0)	32.8°	254 78
1.5	1.92	E(0°) E(C0)	32.8°	113 34
2.0	2.56	E(0°) E(C0)	32.8°	63 19
2.5	3.20	E(0°) E(C0)	32.8°	41 12
3.0	3.84	E(0°) E(C0)	32.8°	28 8
Distance[m]		Cone diameter [m]		Illuminance [lx]
C0 - C180 (Half beam angle: 65.2°)				



0.5	0.62	E(0°) E(CO)	31.9°	5480 1677
1.0	1.24	E(0°) E(CO)	31.9°	1370 419
1.5	1.87	E(0°) E(CO)	31.9°	609 186
2.0	2.49	E(0°) E(CO)	31.9°	342 105
2.5	3.11	E(0°) E(CO)	31.9°	219 67
3.0	3.73	E(0°) E(CO)	31.9°	152 47
Distance [m]		Cone diameter [m]		Illuminance [lx]
CO - C 180 (Half beam angle: 63.8°)				

TECHNICAL DRAWINGS

