

Equinox EQUINOX 165 2500 TRIMLESS 940 DALI 2059955



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.



PRODUCT OVERVIEW

Product name	EQUINOX 165 2500 TRIMLESS 940 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)	2500
Luminaire efficacy (lm/W)	125
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 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02
Product EAN number	5025768599554

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DATA TABLE

General data

Product name	EQUINOX 165 2500 TRIMLESS 940 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)	2500
Luminaire efficacy (lm/W)	125
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)	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

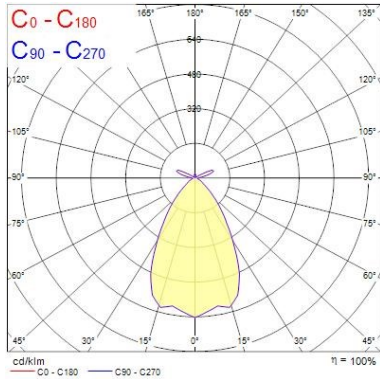
Single packaging type	Carton
Product EAN number	5025768599554
Packaging single length / height (cm)	20.0
Packaging single width (cm)	25.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768599554
Units per outer package	1
Packaging outer length / height (cm)	20.0
Packaging outer width (cm)	25.0
Packaging outer depth (cm)	20.0

Safety data

Optimal operating condition (°C)	1-25
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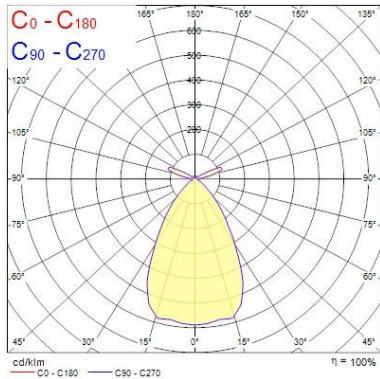
PHOTOMETRY

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0.5	0.64	E(0°) E(C0)	32.6°	1074 322
1.0	1.28	E(0°) E(C0)	32.6°	269 81
1.5	1.92	E(0°) E(C0)	32.6°	119 38
2.0	2.56	E(0°) E(C0)	32.6°	67 20
2.5	3.20	E(0°) E(C0)	32.6°	43 13
3.0	3.84	E(0°) E(C0)	32.6°	30 9

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

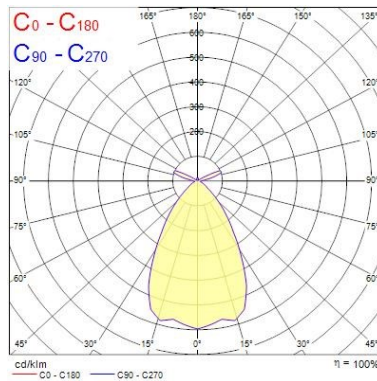


0.5	0.63	E(0°) E(C0)	32.1°	589 172
1.0	1.25	E(0°) E(C0)	32.1°	1472 446
1.5	1.88	E(0°) E(C0)	32.1°	654 199
2.0	2.51	E(0°) E(C0)	32.1°	388 112
2.5	3.14	E(0°) E(C0)	32.1°	236 72
3.0	3.76	E(0°) E(C0)	32.1°	164 51

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 64.2°)

0.5	0.62	E(0°) E(C0)	31.8°	5918 1816
1.0	1.24	E(0°) E(C0)	31.8°	1479 454
1.5	1.86	E(0°) E(C0)	31.8°	658 202
2.0	2.48	E(0°) E(C0)	31.8°	370 114
2.5	3.10	E(0°) E(C0)	31.8°	237 73
3.0	3.72	E(0°) E(C0)	31.8°	164 51

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 63.6°)



TECHNICAL DRAWINGS

