

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.

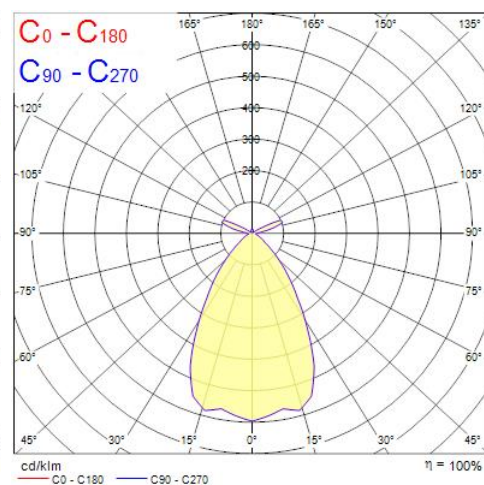
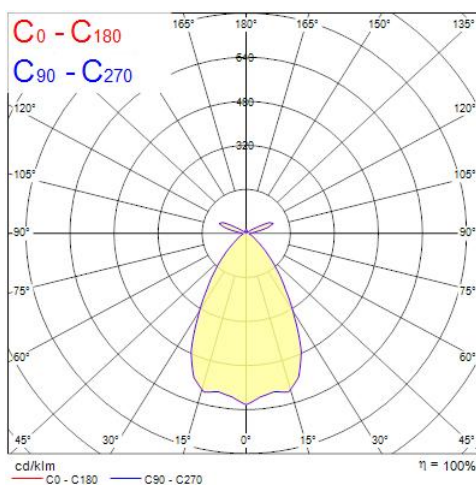
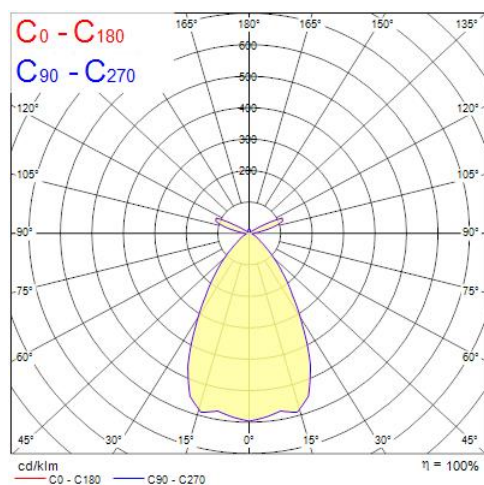
Product Overview

Product name	EQUINOX 165 2300 930 DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Office
ETIM Class	EC001744
Fixture luminous flux (lm)	2300
Luminaire efficacy (lm/W)	115
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Beam Angle (°)	64
Glare control	< 19

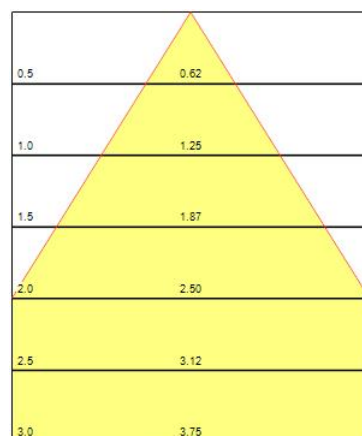
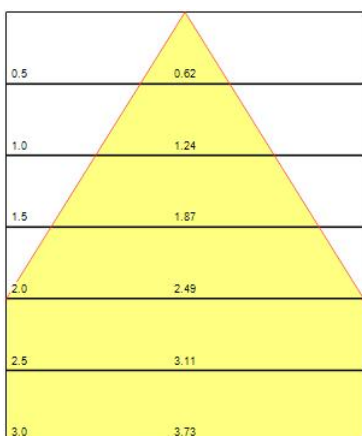
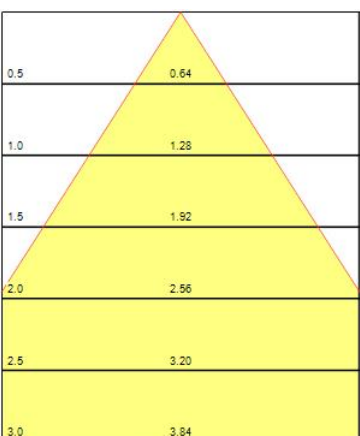
EQUINOX 165 2300 930 DALI 2059948

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
Minimum dimming level (%)	1
Housing colour	RAL9016
IP rating	IP20
IK rating	IK02
Product EAN number	5025768599486
Warranty	5 years
Dimming method	DALI, Switch-dim (mains-rated)

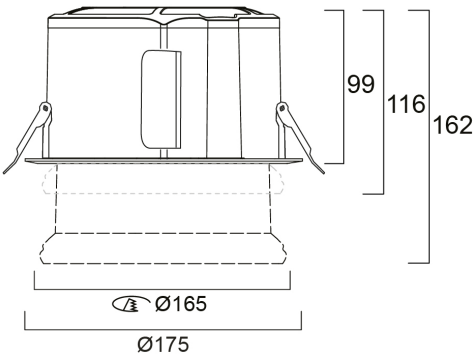
Photometry



EQUINOX 165 2300 930 DALI
2059948

											
0.5	0.62	E(0°) E(C0) 32.0°	5490 1681	0.5	0.62	E(0°) E(C0) 31.9°	5480 1677	0.5	0.64	E(0°) E(C0) 32.6°	1015 305
1.0	1.25	E(0°) E(C0) 32.0°	1373 420	1.0	1.24	E(0°) E(C0) 31.9°	1370 419	1.0	1.28	E(0°) E(C0) 32.6°	254 76
1.5	1.87	E(0°) E(C0) 32.0°	610 187	1.5	1.87	E(0°) E(C0) 31.9°	609 186	1.5	1.92	E(0°) E(C0) 32.6°	113 34
2.0	2.50	E(0°) E(C0) 32.0°	343 106	2.0	2.49	E(0°) E(C0) 31.9°	342 105	2.0	2.56	E(0°) E(C0) 32.6°	63 19
2.5	3.12	E(0°) E(C0) 32.0°	220 67	2.5	3.11	E(0°) E(C0) 31.9°	219 67	2.5	3.20	E(0°) E(C0) 32.6°	41 12
3.0	3.75	E(0°) E(C0) 32.0°	153 47	3.0	3.73	E(0°) E(C0) 31.9°	152 47	3.0	3.84	E(0°) E(C0) 32.6°	28 8
Distance [m] Cone diameter [m]			Distance [m] Cone diameter [m]			Distance [m] Cone diameter [m]					
C0 - C180 (Half beam angle: 64.0°)			C0 - C180 (Half beam angle: 63.8°)			C0 - C180 (Half beam angle: 65.2°)					

Technical drawings



Data table

GENERAL DATA

Product name	EQUINOX 165 2300 930 DALI
Technology	LED
Cap/Base	N/A

Concord

EQUINOX 165 2300 930 DALI 2059948

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
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Colour Consistency (SDCM)	3
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 required	No
Control gear type	LED driver constant current
Control gear mounting	Remote
Dimmable	Yes

Concord

EQUINOX 165 2300 930 DALI 2059948

Dimming method	DALI, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	650
Inrush Current (A)	20
Inrush Duration (µs)	140
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	40
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

LIFETIME DATA

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

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK02
Diffuser finish	Other
Diffuser material	PMMA Acrylic
Reflector finish	Not Applicable

Concord

EQUINOX 165 2300 930 DALI 2059948

Nominal Product Height (mm)	99
Nominal Product Diameter (mm)	175
Weight (kg)	1.55

PACKAGING

Product EAN number	5025768599486
Packaging single length / height (cm)	20.0
Packaging single width (cm)	25.0
Packaging single depth (cm)	20.0
DUN14 (inner)	05025768599486
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
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No