

Features

• Equinox LUMI HCL TW is an elegant and innovative luminaire designed using the latest optical technology and Tunable White Human Centric Lighting (2700-6500K) Lumi LED chips (Colour rendering index Ra >97);. 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 Sylsmart dimmable downlight luminaire, For 4000K - Colour rendering index Ra >97; Melanopic Ratio MEER 0.866; Fidelity Index R# 95; Gamut Index R# 102, Class II, Cut out dimensions: 165mm. Low Glare UGR<19. Finish White RAL9016

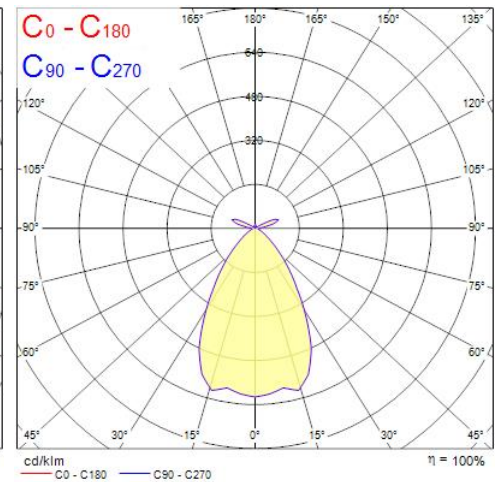
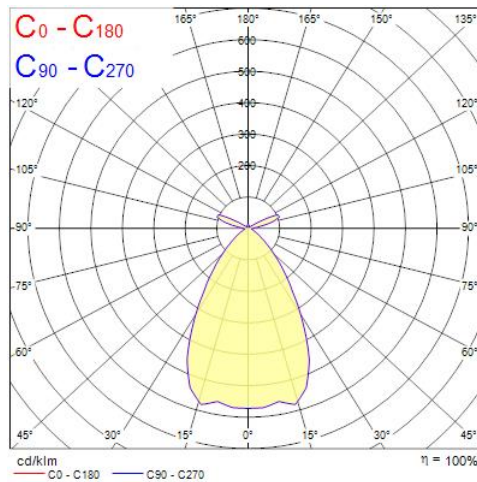
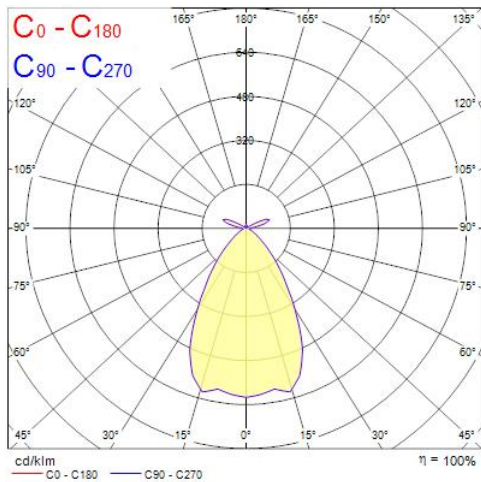
Product Overview

Product name	EQUINOX 165 1975 LUMI HCL TW SSC01D
Technology	LED LumiNature
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Office, Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	1975
Luminaire efficacy (lm/W)	79
Correlated colour temperature (k)	4000
Light colour	Tuneable White HCL
CRI (Ra)	97
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Beam Angle (°)	64
Glare control	< 19

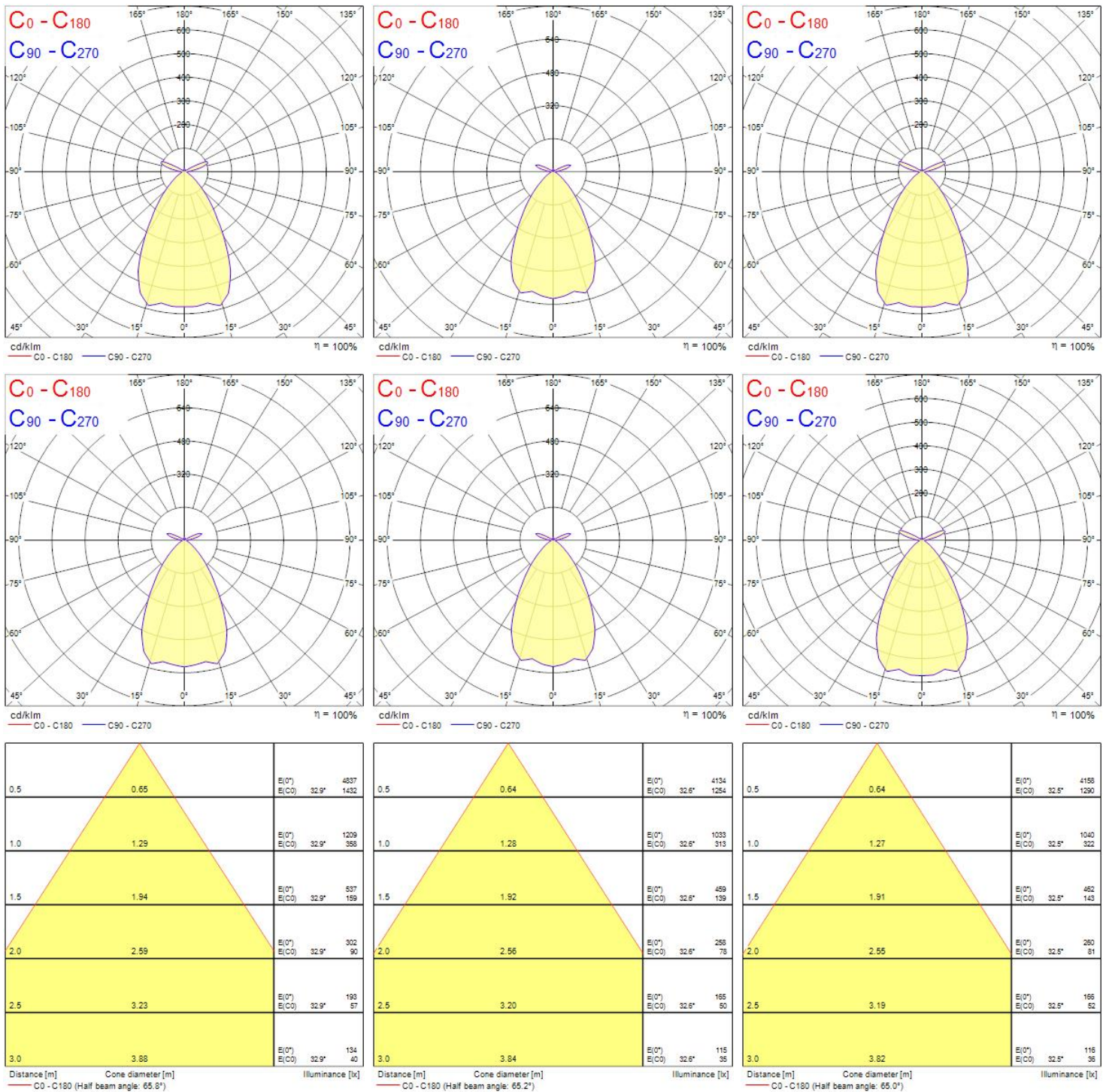
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Photobiological Risk Group	RG1
Total power consumption (W)	25
Electrical protection	Class II
Control gear type	LED driver constant current
Control gear mounting	Remote
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	RAL9016
IP rating	IP20
IK rating	IK02
Product EAN number	5025768599530
Warranty	5 years
Dimming method	SylSmart SSC

Photometry



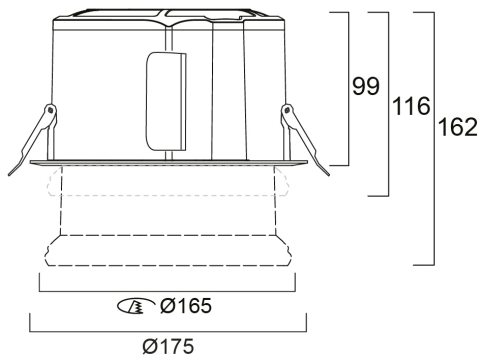
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Technical drawings



Data table

GENERAL DATA

Product name	EQUINOX 165 1975 LUMI HCL TW SSC01D
Technology	LED LumiNature
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Office, Retail
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)	1975
Luminaire efficacy (lm/W)	79
Correlated colour temperature (k)	4000

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Light colour	Tuneable White HCL
CRI (Ra)	97
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)	25
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Control gear mounting	Remote
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	500
Inrush Current (A)	26.4
Inrush Duration (µs)	224
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	16
Max. products per 13A C Breaker	21
Max. products per 16A C Breaker	26
Max. products per 20A C Breaker	33
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	13

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Max. products per 16A B Breaker	16
Max. products per 20A B Breaker	20
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	2.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	81000
Lifespan L80 B20	76500
Lifespan L80 B10	74500
Lifespan L90 B50	39500
Lifespan L90 B20	37500
Lifespan L90 B10	36500

PHYSICAL DATA

Housing colour	RAL9016
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	5025768599530
Packaging single length / height (cm)	20.0
Packaging single width (cm)	25.0
Packaging single depth (cm)	20.0

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DUN14 (inner)	05025768599530
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