



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 Jet Black RAL 9005.

Product Overview

Product name	EQUINOX 165 1975 LUMI HCL TW SSC BLACK
Technology	LED LumiNature
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Office
ETIM Class	EC001744
Fixture luminous flux (lm)	1925
Luminaire efficacy (lm/W)	77
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
Photobiological Risk Group	RG1
Total power consumption (W)	25
Electrical protection	Class II

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Control gear type	LED driver constant current
Control gear mounting	Remote
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	RAL9005
IP rating	IP20
IK rating	IK02
Product EAN number	5025768599615
Warranty	5 years
Dimming method	SylSmart SSC

Data table

GENERAL DATA

Product name	EQUINOX 165 1975 LUMI HCL TW SSC BLACK
Technology	LED LumiNature
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)	1925
Luminaire efficacy (lm/W)	77
Colour temperature (K)	4000
Correlated colour temperature range (K)	2700 - 6500
Light colour	Tuneable White HCL
CRI (Ra)	97
Colour Consistency (SDCM)	3

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Colour Variation Initial (SDCM)	3
Beam Angle (°)	64
Distribution type	Diffuse
Glare control	< 19
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	25
Mains voltage (V)	220-240V
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
Transformer required	No
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	500
Drive current - Range (mA)	500mA / 500mA
Inrush Current (A)	26.4
Inrush Duration (µs)	224
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	16
Max. Luminaires per 13A C Breaker	21
Max. Luminaires per 16A C Breaker	26
Max. Luminaires per 20A C Breaker	33
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	13
Max. Luminaires per 16A B Breaker	16

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Max. Luminaires per 20A B Breaker	20
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LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L80 B50	77500
Lifespan L80 B20	68500
Lifespan L80 B10	68500
Lifespan L90 B10	39000

PHYSICAL DATA

Housing colour	RAL9005
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	5025768599615
Packaging single length / height (cm)	20.0
Packaging single width (cm)	25.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768599615
Units per outer package	1
Packaging outer length / height (cm)	20.0
Packaging outer width (cm)	25.0
Packaging outer depth (cm)	20.0

Concord

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SAFETY DATA

Optimal operating condition (°C)	1-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No