

Officelyte LED

OFFICELYTE 600X600 HE 4K

2069243



Product features

- Concord OFFICELYTE 600X600 HE 4K is a high performance low glare luminaire for offices and education applications. Ceiling recessed 600x600mm. Micro Prismatic optics. White RAL 9010. Constant current driver. 4000K Neutral White LED, Typical CRI=85, chromaticity tolerance of 3-step MacAdam ellipse, lumen package of 3,375lm, total power consumption 24W, efficacy of 141lm/W. Lifespan 120,000 hours L70B50, 58,000 hours L80B20, UGR<19. IK02, IP20, Electrical Protection Class I, Photobiological Risk Group 0. PMMA diffuser, Glow Wire test 650°C.



PRODUCT OVERVIEW

Product name	OFFICELYTE 600X600 HE 4K
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Office, Hospitality, Retail, Education
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3375
Luminous flux (lm)	3375
Luminaire efficacy (lm/W)	141
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	24
Electrical protection	Class I
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	No
Dimming method	N/A
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02
Product EAN number	5025768692439

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DATA TABLE

General data

Product name	OFFICELYTE 600X600 HE 4K
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Office, Hospitality, Retail, Education
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3375
Luminous flux (lm)	3375
Luminaire efficacy (lm/W)	141
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	24
Mains voltage (V)	230-240V
Lamp power factor	0.96
Electrical protection	Class I
Control gear required	Yes
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	No
Dimming method	N/A
Drive current (mA)	650
Inrush Current (A)	16
Inrush Duration (µs)	229
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	41
Max. Luminaires per 13A C Breaker	53
Max. Luminaires per 16A C Breaker	65

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Max. Luminaires per 20A C Breaker	83
Max. Luminaires per 10A B Breaker	25
Max. Luminaires per 13A B Breaker	32
Max. Luminaires per 16A B Breaker	39
Max. Luminaires per 20A B Breaker	50

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	58000

Physical data

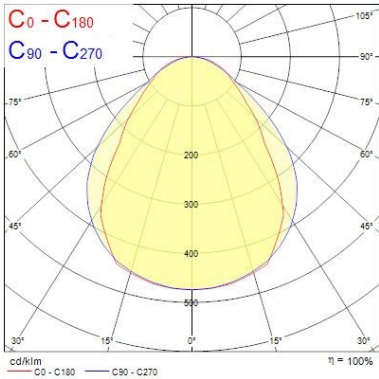
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02
Diffuser finish	Matt/satinized
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	87
Cutout Dimensions (W x L in mm or Diameter in mm)	575 x 575
Weight (kg)	6.0
Recessed Depth (mm)	200

Packaging

Single packaging type	Carton
Product EAN number	5025768692439
Packaging single length / height (cm)	63.5
Packaging single width (cm)	73.0
Packaging single depth (cm)	15.5
DUN14 (outer)	05025768692439
Units per outer package	1
Packaging outer length / height (cm)	63.5
Packaging outer width (cm)	73.0
Packaging outer depth (cm)	15.5

PHOTOMETRY

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Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	1.14 0.82	48.8° 39.4°	48.8° 39.4°	48.8° 39.4°	6724 961 1559
1.0	2.28 1.64	48.8° 39.4°	48.8° 39.4°	48.8° 39.4°	1681 240 390
1.5	3.43 2.46	48.8° 39.4°	48.8° 39.4°	48.8° 39.4°	747 107 173
2.0	4.57 3.29	48.8° 39.4°	48.8° 39.4°	48.8° 39.4°	420 60 97
2.5	5.71 4.11	48.8° 39.4°	48.8° 39.4°	48.8° 39.4°	289 38 62
3.0	6.85 4.93	48.8° 39.4°	48.8° 39.4°	48.8° 39.4°	167 27 43

TECHNICAL DRAWINGS

