

Officelyte LED

OFFICELYTE 600X600 HE 4K DALI

2069244



Product features

- Concord OFFICELYTE 600X600 HE 4K DALI is a high performance low glare luminaire for offices and education applications. Ceiling recessed 600x600mm. Micro Prismatic optics. White RAL 9010. DALI dimmable. 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 DALI
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 Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
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	Yes
Dimming method	DALI
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02
Product EAN number	5025768692446

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DATA TABLE

General data

Product name	OFFICELYTE 600X600 HE 4K DALI
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 T _a (°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 Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	24
Primary Supply/Product voltage - min (V)	230
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.96
Electrical protection	Class I
Control gear required	Yes
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	650
Inrush Current (A)	25
Inrush Duration (µs)	141
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	31

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Max. products per 13A C Breaker	40
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	66
Max. products per 10A B Breaker	19
Max. products per 13A B Breaker	24
Max. products per 16A B Breaker	31
Max. products per 20A B Breaker	40

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	58000

Physical data

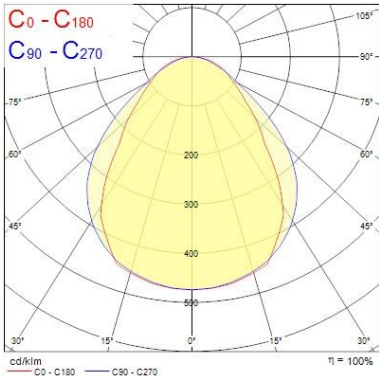
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02
Diffuser finish	Matt/satinized
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	87
Cutout Dimensions (W x L in mm or Diameter in mm)	575 x 575
Weight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

Packaging

Single packaging type	Carton
Product EAN number	5025768692446
Packaging single length / height (cm)	63.5
Packaging single width (cm)	73.0
Packaging single depth (cm)	15.5
DUN14 (outer)	05025768692446
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 1589
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

