

Officelyte LED

OFFICELYTE 600X600 HO 4K DALI

2069256



Product features

- Concord OFFICELYTE 600X600 HO 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 4,350lm, total power consumption 32W, efficacy of 136lm/W. Lifespan 120,000 hours L70B50, 58,000 hours L80B20, UGR<19. IK02, IP20, Electrical Protection Class I, Photobiological Risk Group 1. PMMA diffuser, Glow Wire test 650°C.



PRODUCT OVERVIEW

Product name	OFFICELYTE 600X600 HO 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)	4350
Luminous flux (lm)	4350
Luminaire efficacy (lm/W)	136
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	RG1
Total power consumption (W)	32
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	5025768692569

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DATA TABLE

General data

Product name	OFFICELYTE 600X600 HO 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 Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4350
Luminous flux (lm)	4350
Luminaire efficacy (lm/W)	136
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	RG1

Electrical data

Total power consumption (W)	32
Mains voltage (V)	230-240V
Lamp power factor	0.98
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)	850
Inrush Current (A)	28
Inrush Duration (µs)	195
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	21
Max. Luminaires per 13A C Breaker	30
Max. Luminaires per 16A C Breaker	36

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Max. Luminaires per 20A C Breaker	46
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	18
Max. Luminaires per 16A B Breaker	22
Max. Luminaires per 20A B Breaker	28

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	5025768692569
Packaging single length / height (cm)	63.5
Packaging single width (cm)	73.0
Packaging single depth (cm)	15.5
DUN14 (outer)	05025768692569
Units per outer package	1
Packaging outer length / height (cm)	63.5
Packaging outer width (cm)	73.0
Packaging outer depth (cm)	15.5

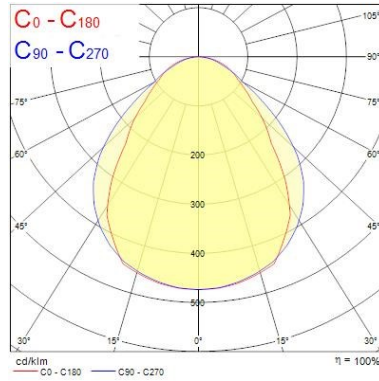
PHOTOMETRY

Officelyte LED OFFICELYTE 600X600 HO 4K DALI 2069256

0.5	1.14 0.62	E(0°) 8662 E(C90) 1238 E(C0) 1992
1.0	2.28 1.65	E(0°) 2166 E(C90) 310 E(C0) 496
1.5	3.43 2.47	E(0°) 962 E(C90) 139 E(C0) 221
2.0	4.57 3.30	E(0°) 541 E(C90) 77 E(C0) 125
2.5	5.71 4.12	E(0°) 348 E(C90) 50 E(C0) 82
3.0	6.85 4.95	E(0°) 241 E(C90) 34 E(C0) 55

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 78.0°)
— C90 - C270 (Half beam angle: 97.6°)



TECHNICAL DRAWINGS

