

# OFFICELYTE 600X600 HE 4K DALI EMPRO

Item No: 2069245

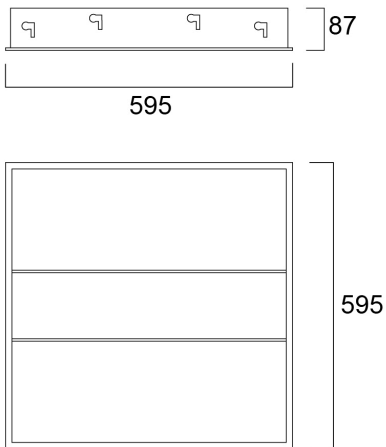
Concord



Concord OFFICELYTE 600X600 HE 4K DALI EMPRO is a high performance low glare luminaire for offices and education applications. Ceiling recessed 600x600mm. Micro Prismatic optics. White RAL 9010. DALI dimmable. 3 hours emergency operation with integral batteries and DALI monitoring. 4000K Neutral White LED, Typical CRI=85, chromaticity tolerance of 3-step MacAdam ellipse, lumen package of 3,375lm, total power consumption 27W, efficacy of 125lm/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.

## Technical Assets

### Dimensions (mm)

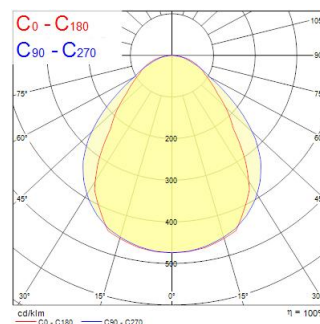


### Photometrics

Distance [m]	Cone diameter [m]	E107	E100	E180	E180	E180	E180	E180
0.5	1.14 0.82	6724	483°	981	39.4°	1559		
1.0	2.28 1.64	1681	483°	245	39.4°	390		
1.5	3.43 2.46	747	483°	157	39.4°	173		
2.0	4.57 3.29	420	483°	97	39.4°	97		
2.5	5.71 4.11	288	483°	68	39.4°	62		
3.0	6.85 4.93	197	483°	47	39.4°	43		

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

— C0 - C180 (Half beam angle: 75.9°)  
— C90 - C270 (Half beam angle: 97.6°)



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### General data

Product name	OFFICELYTE 600X600 HE 4K DALI EMPRO
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Office, Hospitality, Retail, Education
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	3375
Luminaire efficacy (lm/W)	125
LOR (%)	100
Correlated 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
Luminous flux (emergency) (lm)	221

### Electrical data

Emergency duration (h)	3
Total power consumption (W)	27
Primary Supply/Product voltage - min (V)	230
Primary Supply/Product voltage - max (V)	240
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)	650
Inrush Current (A)	25
Inrush Duration (µs)	140
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	30
Max. products per 13A C Breaker	41
Max. products per 16A C Breaker	53
Max. products per 20A C Breaker	66
Max. products per 10A B Breaker	18
Max. products per 13A B Breaker	25
Max. products per 16A B Breaker	32
Max. products per 20A B Breaker	40

### Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	58000

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## 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
Weight (kg)	7.1
Recessed Depth (mm)	200

## Packaging

Product EAN number	5025768692453
Packaging single length / height (cm)	63.5
Packaging single width (cm)	73.0
Packaging single depth (cm)	15.5
DUN14 (inner)	05025768692453
Units per outer package	1
Packaging outer length / height (cm)	63.5
Packaging outer width (cm)	73.0
Packaging outer depth (cm)	15.5

## Safety data

Glow Wire Test (°C)	650
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