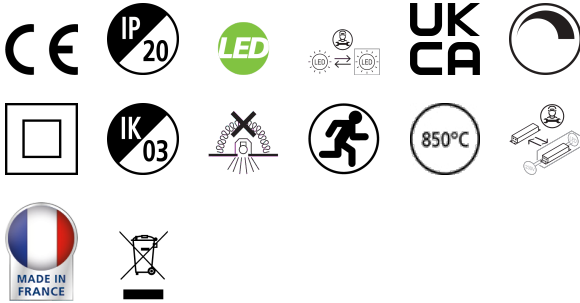


OFFICELYTE 600 4000K C90 HE DALI EMPRO

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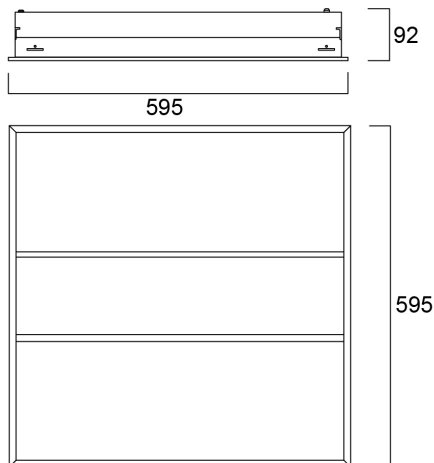
Concord



Concord OFFICELYTE 600 4000K C90 HE DALI EMPRO is a high performance low glare luminaire for offices and education applications. Suitable for lay in, as well as for pull up, into concealed grid and plasterboard ceilings with our optional wedge accessory kits suitable. Optical solution is a combination of Tp(a) rated central prismatic and side diffusers. Painted steel housing with RAL 9016 finishing colour. 595x595x92mm dimensions. 3150lm luminous flux, 26.5W total power consumption, 119lm/W efficacy level, CRi90 4000K (Neutral white) LED light sources with chromaticity tolerance of 3-step MacAdam ellipse. Conforming to EN 12464-1 for indoor work places, UGR<19. IK03 impact resistance, IP20 ingress protection level. IEC Class I electrical protection. Photobiological Risk Group 1. Lifespan 93k hours at L80B50. Glow Wire test 850°C. Integrated emergency with 3-hours LiFePO4 battery. DALI dimmable.

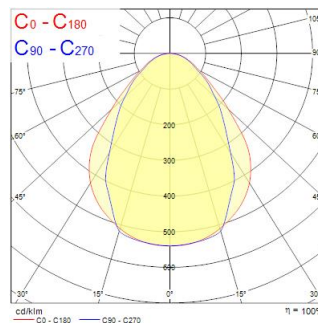
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	0.72 0.96	0.72 0.96	35°	35°	43°	8000 1500 430
1.0	1.43 1.90	1.43 1.90	35°	35°	43°	1700 430 200
1.5	2.15 2.86	2.15 2.86	35°	35°	43°	786 204 145
2.0	2.86 3.80	2.86 3.80	35°	35°	43°	425 114 81
2.5	3.58 4.74	3.58 4.74	35°	35°	43°	272 71 52
3.0	4.30 5.69	4.30 5.69	35°	35°	43°	199 51 36



OFFICELYTE 600 4000K C90 HE DALI EMPRO

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Concord

General data

Product name	OFFICELYTE 600 4000K C90 HE DALI EMPRO
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Office, Education
Operating temperature range (°C)	5°C...+35°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3150
Luminaire efficacy (lm/W)	119
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	87
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	345

Electrical data

Emergency mode	Maintained
Emergency type	
Emergency duration (h)	3
Total power consumption (W)	26.5
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.97
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
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	650
Inrush Current (A)	13.6
Inrush Duration (µs)	304
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	30
Max. products per 13A C Breaker	38
Max. products per 16A C Breaker	46
Max. products per 20A C Breaker	58
Max. products per 10A B Breaker	18
Max. products per 13A B Breaker	23
Max. products per 16A B Breaker	28
Max. products per 20A B Breaker	35
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	2.5

OFFICELYTE 600 4000K C90 HE DALI EMPRO

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	93000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	PMMA Acrylic
Reflector finish	Not Applicable
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	90
Weight (kg)	5.7

Packaging

Product EAN number	5025768695317
Packaging single length / height (cm)	67.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	61.5
DUN14 (inner)	05025768695317
Units per outer package	1
Packaging outer length / height (cm)	67.0
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	61.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	5-35