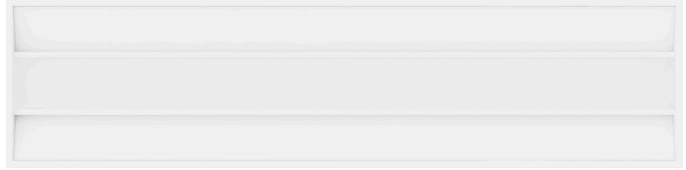
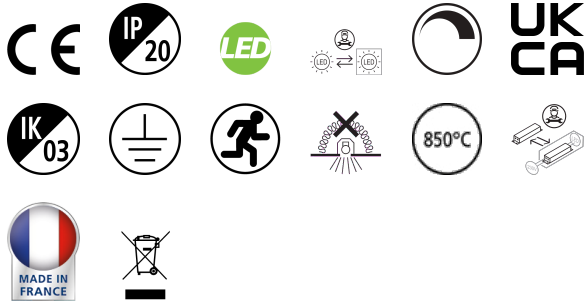


OFFICELYTE 1200 4000K HE DALI EMPRO

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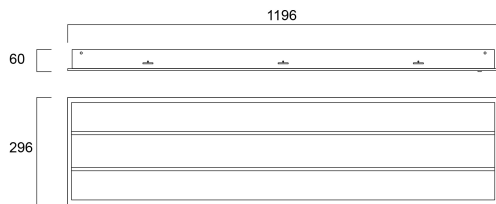
Concord



Concord OFFICELYTE 1200 4000K 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. Painted steel housing with RAL 9016 finishing colour. 1196x296x60mm dimensions. 3450lm luminous flux, 30.5W total power consumption, 113lm/W efficacy level, CRI80 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 Self-Test DALI dimmable emergency with 3-hours LiFePO4 battery. DALI-2 driver.

Technical Assets

Dimensions (mm)

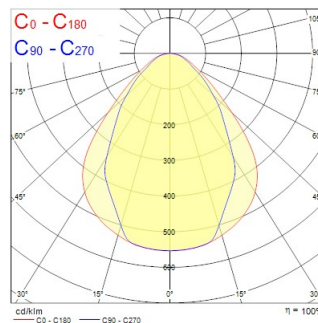


Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]	Illuminance [lx]
0.5	0.71 0.96	0.71 0.96	2.33 3.15	9.25 12.40	7537 2002 1400
1.0	1.43 1.95	1.43 1.95	4.66 6.37	18.50 25.00	1909 598 351
1.5	2.14 2.93	2.14 2.93	7.00 9.55	27.56 37.50	649 239 157
2.0	2.85 3.90	2.85 3.90	9.38 12.79	36.57 50.00	477 158 98
2.5	3.57 4.88	3.57 4.88	11.71 15.84	45.58 62.50	308 91 58
3.0	4.28 5.86	4.28 5.86	14.04 19.00	54.59 75.00	212 57 39

Distance [m] Cone diameter [m] Beam diameter [ft] Beam diameter [in] Illuminance [lx]

— C0 - C180 (Half beam angle: 88.0°)
— C90 - C270 (Half beam angle: 71.0°)



OFFICELYTE 1200 4000K HE DALI EMPRO

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Concord

General data

Product name	OFFICELYTE 1200 4000K 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)	3450
Luminaire efficacy (lm/W)	113
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	360

Electrical data

Emergency mode	Maintained
Emergency type	
Emergency duration (h)	3
Total power consumption (W)	30.5
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	6.1
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	750
Inrush Current (A)	35
Inrush Duration (µs)	170
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	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	35
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	21
Max. products per 20A B Breaker	27
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	2.5

OFFICELYTE 1200 4000K HE DALI EMPRO

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	93000
Lifespan L90 B50	45000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	1196
Nominal Product Width (mm)	296
Nominal Product Height (mm)	60
Weight (kg)	7.0

Packaging

Product EAN number	5025768695256
Packaging single length / height (cm)	154.0
Packaging single width (cm)	34.0
Packaging single depth (cm)	7.2
DUN14 (inner)	05025768695256
Units per outer package	1
Packaging outer length / height (cm)	154.0
Packaging outer width (cm)	34.0
Packaging outer depth (cm)	7.2

Safety data

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