

Concord

OFFICELYTE 1200 4000K C90 HE DALI EMPRO 2069553



Features

- Concord OFFICELYTE 1200 C90 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. 3300lm luminous flux, 30.5W total power consumption, 108lm/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.

Product Overview

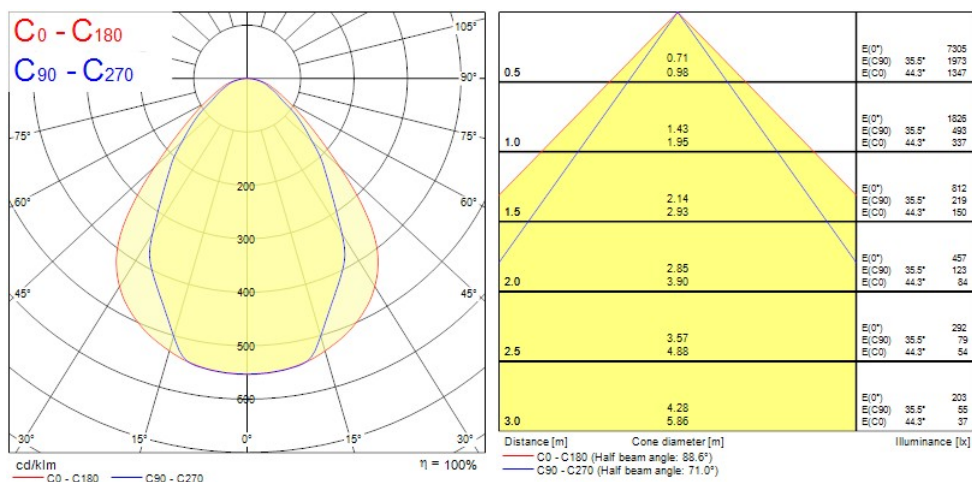
Product name	OFFICELYTE 1200 4000K C90 HE DALI EMPRO
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Office, Education
ETIM Class	EC002892
Fixture luminous flux (lm)	3, 300
Luminaire efficacy (lm/W)	108
Correlated colour temperature (k)	4000

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Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Beam Angle (°)	80
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	345
Total power consumption (W)	30.5
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	RAL9016
IP rating	IP20
IK rating	IK03
Product EAN number	5025768695539
Warranty	5 years
Dimming method	DALI-2

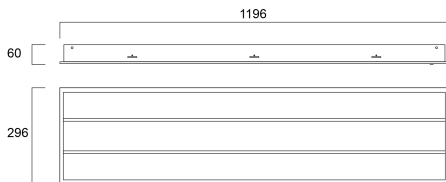
Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	OFFICELYTE 1200 4000K C90 HE DALI EMPRO
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Office, Education
Operating temperature range (°C)	5°C...+35°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3, 300
Luminaire efficacy (lm/W)	108
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	1740
Beam Angle (°)	80

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Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	345

ELECTRICAL DATA

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) \leq xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	750
Inrush Current (A)	10
Inrush Duration (μ s)	50
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	30
Max. products per 16A C Breaker	46
Max. products per 16A B Breaker	28
Connectable conductor cross section - Max (mm ²)	2.5

LIFETIME DATA

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

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PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1196
Nominal Product Width (mm)	296
Nominal Product Height (mm)	60
Weight (kg)	7.0

PACKAGING

Product EAN number	5025768695539
Packaging single length / height (cm)	154.0
Packaging single width (cm)	34.0
Packaging single depth (cm)	7.2
DUN14 (inner)	05025768695539
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
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No