

Concord

OFFICELYTE 600 4000K HO EM
2069507



Features

• Concord OFFICELYTE 600 4000K HO EM 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. 4400lm luminous flux, 36.5W total power consumption, 121lm/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 emergency with 3-hours LiFePO4 battery. Non-dimmable driver.

Product Overview

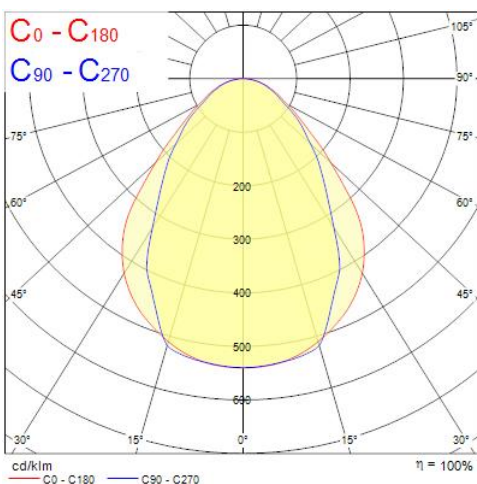
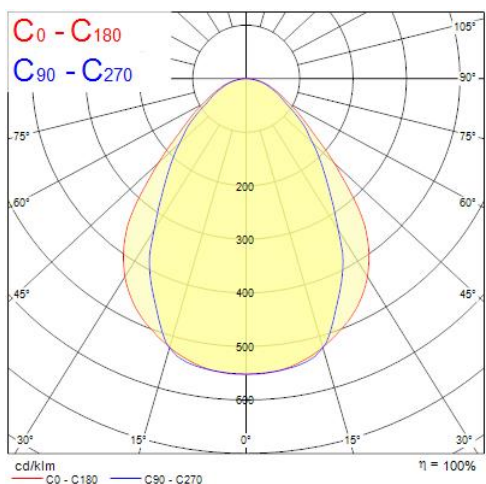
Product name	OFFICELYTE 600 4000K HO EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Office, Education
ETIM Class	EC002892
Fixture luminous flux (lm)	4, 400
Luminaire efficacy (lm/W)	121
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80

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OFFICELYTE 600 4000K HO EM 2069507

Colour Variation Initial (SDCM)	3
Beam Angle (°)	87
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	360
Total power consumption (W)	36.5
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Housing colour	RAL9016
IP rating	IP20
IK rating	IK03
Product EAN number	5025768695072
Warranty	5 years
Dimming method	N/A

Photometry

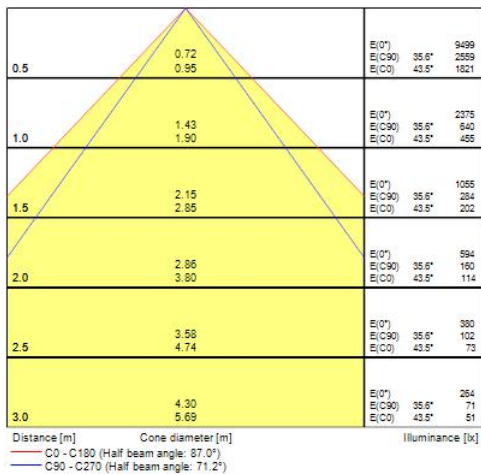


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.71 0.94	796	215	155	
1.0	1.42 1.88	199	54	39	
1.5	2.13 2.82	88	24	17	
2.0	2.84 3.76	60	13	10	
2.5	3.55 4.70	32	9	6	
3.0	4.26 5.63	22	6	4	

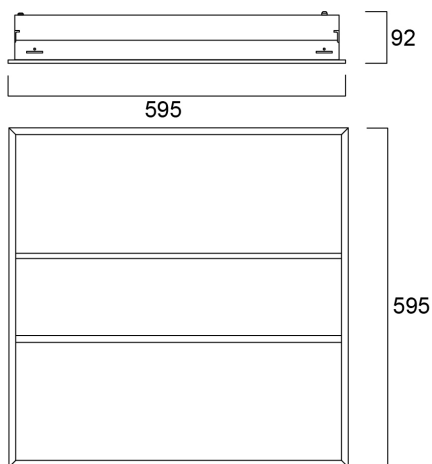
Distance [m] Cone diameter [m] Illuminance [lx]
 — C₀ - C₁₈₀ (Half beam angle: 86.4°)
 — C₉₀ - C₂₇₀ (Half beam angle: 70.5°)

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OFFICELYTE 600 4000K HO EM 2069507



Technical drawings



Data table

GENERAL DATA

Product name	OFFICELYTE 600 4000K HO EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel

Concord

OFFICELYTE 600 4000K HO EM 2069507

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)	4,400
Luminaire efficacy (lm/W)	121
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	2200
Beam Angle (°)	87
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	360
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	36.5
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No

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OFFICELYTE 600 4000K HO EM 2069507

Dimming method	N/A
Drive current (mA)	900
Inrush Current (A)	26.5
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	21
Max. products per 16A C Breaker	35
Max. products per 16A B Breaker	21
Connectable conductor cross section - Max (mm ²)	2.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B50	93000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	90
Weight (kg)	5.7
Recessed Depth (mm)	90

PACKAGING

Product EAN number	5025768695072
Packaging single length / height (cm)	67.0
Packaging single width (cm)	10.0

Concord

OFFICELYTE 600 4000K HO EM
2069507

Packaging single depth (cm)	61.5
DUN14 (outer)	05025768695072
Units per outer package	1
Packaging outer length / height (cm)	67.0
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	61.5

SAFETY DATA

Optimal operating condition (°C)	5-35
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No