

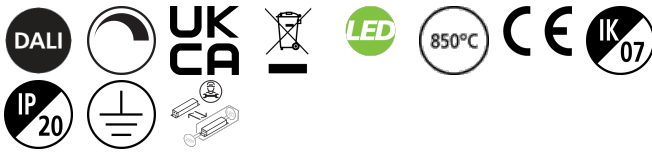
Optix Recessed 1200x300

OPTIX RECESSED 1200x300 2L 4000K WHT DALI
2023677



Product features

- OPTIX RECESSED 1200x300 2L 4000K WHT DALI is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 1200x300 mm. White plastic low glare optics in 2 lines configuration. White RAL9016 fixture body. DALI dimmable. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3450lm. Power consumption 24W. Luminaire efficacy 144lm/W. Lifespan: 48,500 hours L90B10. UGR<19, Luminance at 65°<3000 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C.



PRODUCT OVERVIEW

Product name	OPTIX RECESSED 1200x300 2L 4000K WHT DALI
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3450
Luminous flux (lm)	3450
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	24
Electrical protection	Class I
Control gear type	Other
Dimmable	Yes
Dimming method	DALI
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768236770

DATA TABLE

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General data

Product name	OPTIX RECESSED 1200x300 2L 4000K WHT DALI
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3450
Luminous flux (lm)	3450
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	24
Mains voltage (V)	220-240V
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	9
Electrical protection	Class I
Control gear required	No
Control gear type	Other
Transformer required	No
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	225
Inrush Current (A)	29
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	21
Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 16A C Breaker	36
Max. Luminaires per 20A C Breaker	45
Max. Luminaires per 10A B Breaker	13

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Max. Luminaires per 13A B Breaker	17
Max. Luminaires per 16A B Breaker	22
Max. Luminaires per 20A B Breaker	27

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	107500
Lifespan L90 B10	48500

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1196
Nominal Product Width (mm)	296
Nominal Product Height (mm)	38
Weight (kg)	5.0

Packaging

Single packaging type	Carton
Product EAN number	5025768236770
Packaging single length / height (cm)	124.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
DUN14 (outer)	05025768236770
Units per outer package	1
Packaging outer length / height (cm)	124.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	32.0

Safety data

Optimal operating condition (°C)	10-25
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PHOTOMETRY

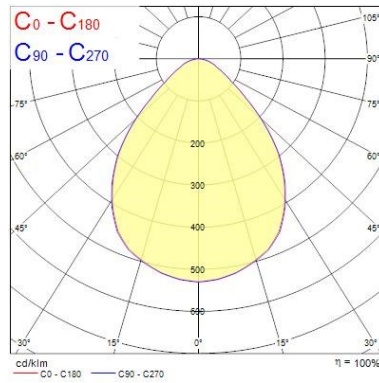
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0.5	0.90 0.90	E(0°) E(C90) E(C0)	42.1° 41.9° 41.9°	7314 1499 1515
1.0	1.51 1.79	E(0°) E(C90) E(C0)	42.1° 41.9° 41.9°	1828 375 379
1.5	2.71 2.69	E(0°) E(C90) E(C0)	42.1° 41.9° 41.9°	513 167 165
2.0	3.61 3.59	E(0°) E(C90) E(C0)	42.1° 41.9° 41.9°	457 94 95
2.5	4.52 4.49	E(0°) E(C90) E(C0)	42.1° 41.9° 41.9°	293 60 51
3.0	5.42 5.38	E(0°) E(C90) E(C0)	42.1° 41.9° 41.9°	203 42 42

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

— C0 - C180 (Half beam angle: 83.8°)
— C90 - C270 (Half beam angle: 84.2°)



TECHNICAL DRAWINGS

