

Optix Recessed 4 cells

OPTIX RECESSED 4 CELLS 3000K ALU DALI

2021689



Product features

- OPTIX RECESSED 4 CELLS 3000K ALU DALI is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 310x100 mm. Aluminised plastic extra low glare optics. White RAL9016 fixture body. DALI dimmable. 3000K Warm White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 962lm. Power consumption 9W. Luminaire efficacy 107lm/W. 42,000hrs L90B10 lifespan. UGR<18, Luminance at 65°<3000 Cd/m2, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.



PRODUCT OVERVIEW

Product name	OPTIX RECESSED 4 CELLS 3000K ALU 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)	962
Luminaire efficacy (lm/W)	107
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 18
Photobiological Risk Group	RG1
Total power consumption (W)	9
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	5025768216895

DATA TABLE

General data

Product name	OPTIX RECESSED 4 CELLS 3000K ALU DALI
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Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	962
Luminaire efficacy (lm/W)	107
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 18
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	9
Mains voltage (V)	220-240V
Lamp power factor	0.89
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	6.5
Electrical protection	Class I
Control gear required	No
Control gear type	Other
Transformer required	No
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	150
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	100
Max. Luminaires per 13A C Breaker	130
Max. Luminaires per 16A C Breaker	160
Max. Luminaires per 20A C Breaker	200
Max. Luminaires per 10A B Breaker	100
Max. Luminaires per 13A B Breaker	130
Max. Luminaires per 16A B Breaker	160
Max. Luminaires per 20A B Breaker	200

Lifetime data

Lifespan L70 B50	120000
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Lifespan L80 B20	96500
Lifespan L90 B10	42000

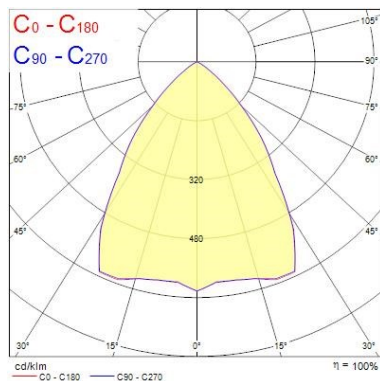
Physical data

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)	310
Nominal Product Width (mm)	100
Nominal Product Height (mm)	45
Weight (kg)	0.69

Packaging

Single packaging type	Carton
Product EAN number	5025768216895
Packaging single length / height (cm)	36.5
Packaging single width (cm)	18.2
Packaging single depth (cm)	6.0
DUN14 (outer)	05025768216895
Units per outer package	1
Packaging outer length / height (cm)	36.5
Packaging outer width (cm)	18.2
Packaging outer depth (cm)	6.0

PHOTOMETRY



0.5	0.78	E(0°) E(C0)	37.9" 2394 56
1.0	1.56	E(0°) E(C0)	37.9" 599 142
1.5	2.34	E(0°) E(C0)	37.9" 265 66
2.0	3.11	E(0°) E(C0)	37.9" 190 37
2.5	3.89	E(0°) E(C0)	37.9" 96 24
3.0	4.67	E(0°) E(C0)	37.9" 67 17

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 75.8°)

TECHNICAL DRAWINGS

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