

Optix Recessed 1250x310
OPTIX RECESSED 1250x310 2L 4000K WHT EMCB
2023693



Product features

- OPTIX RECESSED 1250x310 2L 4000K WHT EMCB is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 1250x310 mm. White plastic low glare optics in 2 lines configuration. White RAL9016 fixture body. Constant current driver. Suitable for central battery DC emergency operation. 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 1250x310 2L 4000K WHT EMCB
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	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768236930

DATA TABLE

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General data

Product name	OPTIX RECESSED 1250x310 2L 4000K WHT EMCB
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
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	450
Inrush Current (A)	15
Inrush Duration (µs)	250
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. products per 10A C Breaker	40
Max. products per 13A C Breaker	51
Max. products per 16A C Breaker	63

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Max. products per 20A C Breaker	80
Max. products per 10A B Breaker	24
Max. products per 13A B Breaker	31
Max. products per 16A B Breaker	38
Max. products per 20A B Breaker	48
Connectable conductor cross section - Min (mm²)	2.5
Connectable conductor cross section - Max (mm²)	2.5

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)	1246
Nominal Product Width (mm)	308.5
Nominal Product Height (mm)	38
Weight (kg)	5.7

Packaging

Single packaging type	Carton
Product EAN number	5025768236930
Packaging single length / height (cm)	137.0
Packaging single width (cm)	36.0
Packaging single depth (cm)	9.0
DUN14 (outer)	05025768236930
Units per outer package	1
Packaging outer length / height (cm)	137.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	9.0

Safety data

Optimal operating condition (°C)	10-25
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PHOTOMETRY

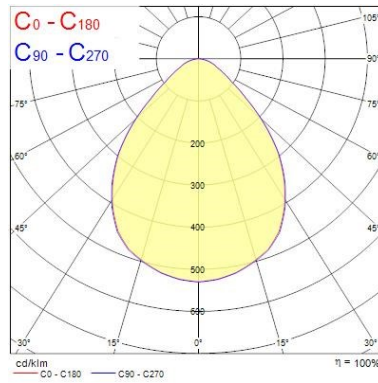
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0.5	0.90 0.90	E(0°) E(C90) E(C0)	42.1° 41.9° 1515
1.0	1.81 1.79	E(0°) E(C90) E(C0)	42.1° 41.9° 1515
1.5	2.71 2.69	E(0°) E(C90) E(C0)	42.1° 41.9° 1515
2.0	3.61 3.59	E(0°) E(C90) E(C0)	42.1° 41.9° 1515
2.5	4.52 4.49	E(0°) E(C90) E(C0)	42.1° 41.9° 1515
3.0	5.42 5.38	E(0°) E(C90) E(C0)	42.1° 41.9° 1515

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

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



TECHNICAL DRAWINGS

