Optix Recessed 1250x310

OPTIX RECESSED 1250x310 2L 4000K WHITE EMCB

0044230



Product features

- OPTIX RECESSED 1250x310 2L 4000K WHITE 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. Lumen maintenance of L90B50 > 72000h, L90B10 = 46000h. 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

IPC Code	0044230
Product name	OPTIX RECESSED 1250x310 2L 4000K WHITE EMCB
Technology	LED (3 SDCM)
Housing	STEEL
Mount	Recessed
Fixture rating	Enclosed
General application	Office,Education,
Certifications	EUNEW001
ETIM Class	EC002892
Fixture luminous flux (lm)	3450
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	19
Photobiological Risk Group	0
Total power consumption (W)	24
Electrical protection	Class I
Control gear type	Electronic (constant current)
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016
IP rating	IP20
IK rating	IK07
Product EAN number	5410288442303
Chromaticity coordinate Y	0.3797
Lamps	No
Included lamp	INTEGRATED LED

DATA TABLE

General data

IPC Code	0044230
Product name	OPTIX RECESSED 1250x310 2L 4000K WHITE EMCB

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Technology	LED (3 SDCM)
Housing	STEEL
Mount	Recessed
Fixture rating	Enclosed
General application	Office,Education,
Certifications	EUNEW001
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Optical data

Fixture luminous flux (lm)	3450
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	19
Photobiological Risk Group	0

Electrical data

Total power consumption (W)	24
Starting time (max) (s)	<0.5
Mains voltage (V)	220-240V~
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	Electronic (constant current)
Dimmable	No
Drive current (mA)	450
Inrush Current (A)	15
Inrush Duration (µs)	250
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	40
Max. Luminaires per 13A C Breaker	51
Max. Luminaires per 16A C Breaker	63
Max. Luminaires per 20A C Breaker	80
Max. Luminaires per 10A B Breaker	24
Max. Luminaires per 13A B Breaker	31
Max. Luminaires per 16A B Breaker	38
Max. Luminaires per 20A B Breaker	48

Lifetime data

Lumen maintenance - L70 B50	72000
Lumen maintenance - L80 B10	72000
Lumen maintenance - L90 B50	72000
Lumen maintenance - L90 B20	50000
Lumen maintenance - L90 B10	46000

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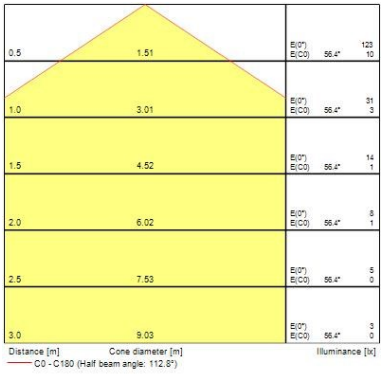
Physical data

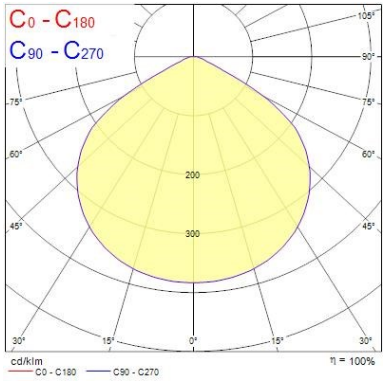
Housing colour	RAL 9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Satin
Diffuser material	Polycarbonate
Nominal Product Length (mm)	1246
Nominal Product Width (mm)	308.5
Nominal Product Height (mm)	38
Weight (kg)	5.7

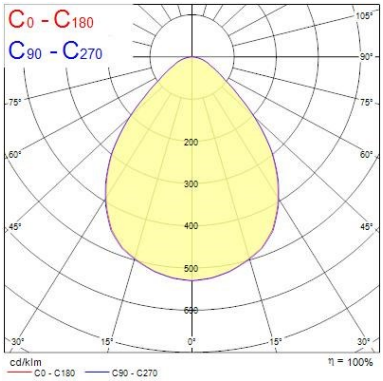
Packaging

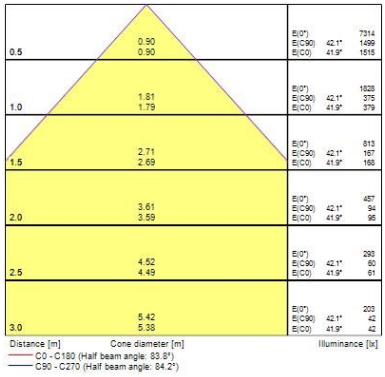
Single packaging type	Carton
Product EAN number	5410288442303
DUN14 (outer)	05410288442303
Units per outer package	1
Packaging outer length / height (cm)	137.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	9.0

PHOTOMETRY









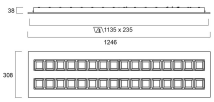
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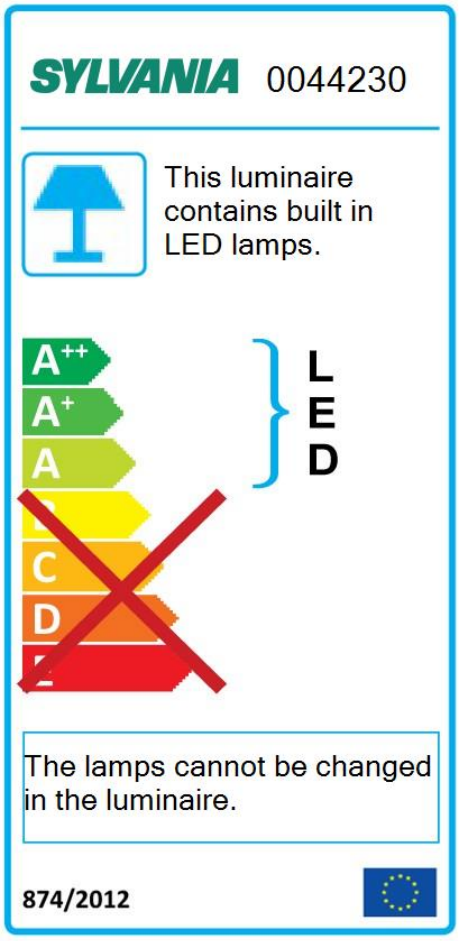
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TECHNICAL DRAWINGS



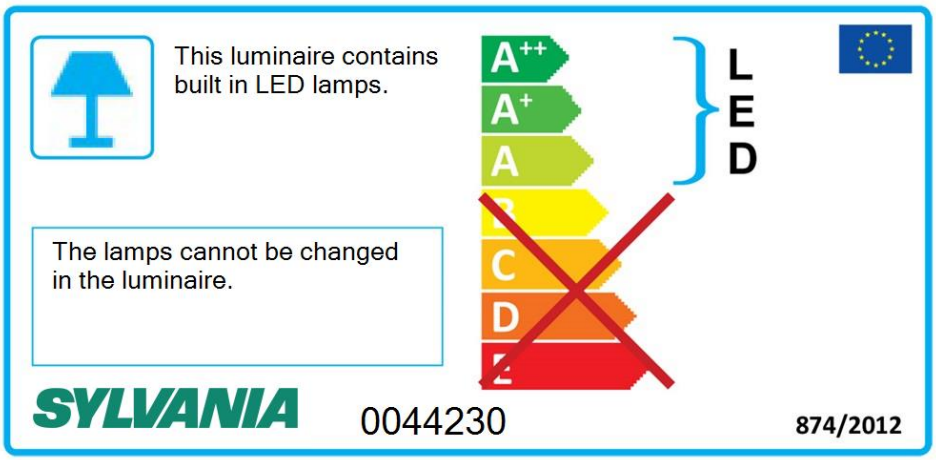


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