Optix Recessed 1200x300

OPTIX RECESSED 1200x300 2L 4000K C9 WHITE EM

0044216



Product features

- OPTIX RECESSED 1200x300 2L 4000K C9 WHITE EM is a high efficacy low glare luminaire for office and education applications with excellent colour rendering. Ceiling recessed 1200x300 mm. White plastic low glare optics in 2 lines configuration. White RAL9016 fixture body. Constant current driver. 3hr combined maintained emergency version. 4000K Neutral White LED, CRI>90, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3500lm. Power consumption 25W. Luminaire efficacy 140lm/W. Lumen maintenance of L90B50 = 44000h, L90B10 = 39000h. 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	0044216
Product name	OPTIX RECESSED 1200x300 2L 4000K C9 WHITE EM
Technology	LED (3 SDCM)
Housing	STEEL
Mount	Recessed
Fixture rating	Enclosed
General application	Office,Education,
Certifications	EUNEW001
ETIM Class	EC002892
Fixture luminous flux (lm)	3500
Luminaire efficacy (lm/W)	140
Colour temperature (K)	4000
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Glare control	19
Photobiological Risk Group	0
Total power consumption (W)	25
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	5410288442167
Chromaticity coordinate Y	0.3797
Lamps	Yes
Included lamp	INTEGRATED LED

DATA TABLE

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General data

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Technology	LED (3 SDCM)
Housing	STEEL
Mount	Recessed
Fixture rating	Enclosed
General application	Office,Education,
Certifications	EUNEW001
ETIM Class	EC002892

Optical data

Fixture luminous flux (lm)	3500
Luminaire efficacy (lm/W)	140
Colour temperature (K)	4000
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Glare control	19
Photobiological Risk Group	0
Emergency duration (h)	3

Electrical data

Total power consumption (W)	25
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 %	8
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic (constant current)
Dimmable	No
Drive current (mA)	500
Inrush Current (A)	25
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	20
Max. Luminaires per 13A C Breaker	30
Max. Luminaires per 16A C Breaker	40
Max. Luminaires per 20A C Breaker	47
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	15
Max. Luminaires per 16A B Breaker	20
Max. Luminaires per 20A B Breaker	24

Lifetime data

Lumen maintenance - L70 B50	72000

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Lumen maintenance - L80 B10	72000
Lumen maintenance - L90 B50	44000
Lumen maintenance - L90 B20	41000
Lumen maintenance - L90 B10	39000

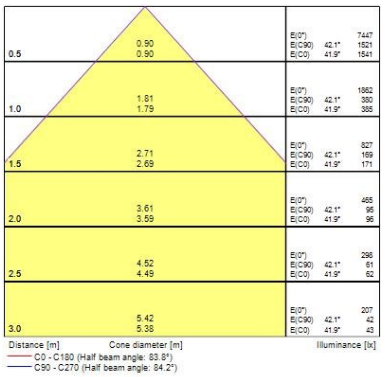
Physical data

Housing colour	RAL 9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Satin
Diffuser material	Polycarbonate
Nominal Product Length (mm)	1196
Nominal Product Width (mm)	296
Nominal Product Height (mm)	38
Weight (kg)	5.25

Packaging

Single packaging type	Carton
Product EAN number	5410288442167
Packaging single length / height (cm)	124.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
DUN14 (outer)	05410288442167
Units per outer package	1
Packaging outer length / height (cm)	124.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	32.0

PHOTOMETRY



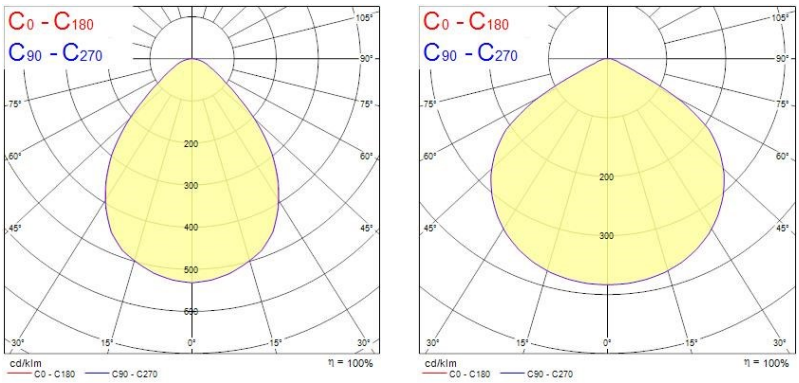


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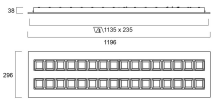
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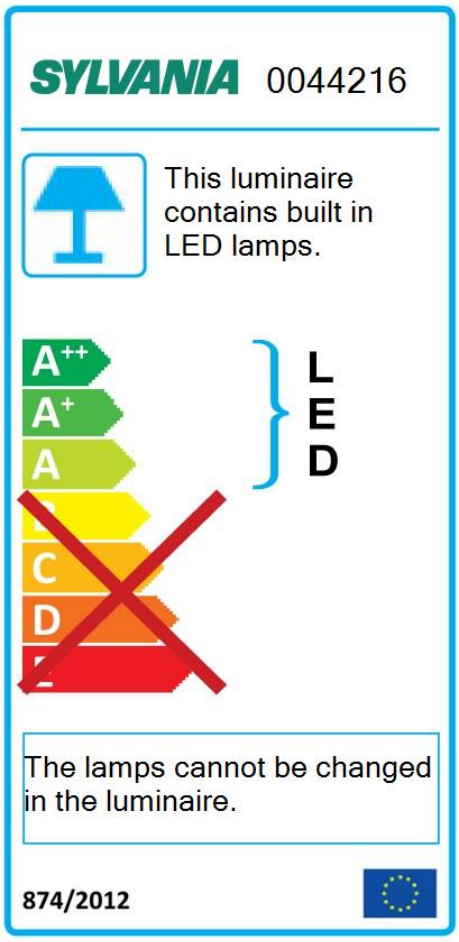
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TECHNICAL DRAWINGS



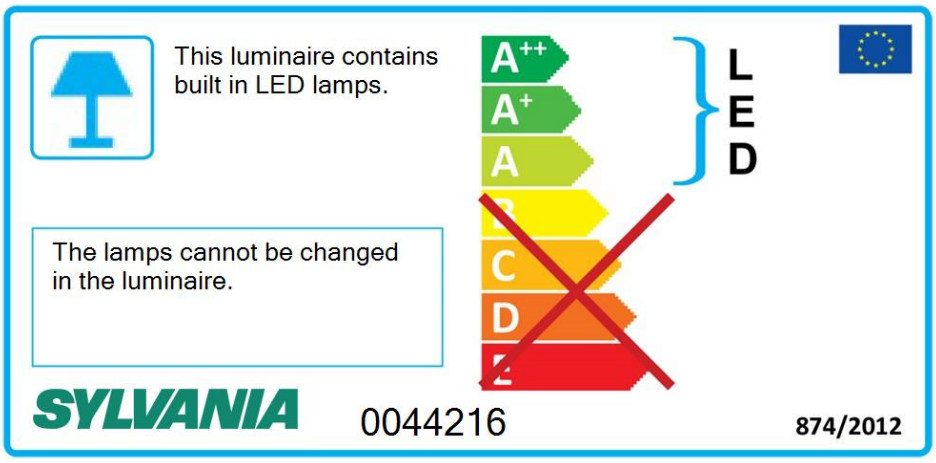


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