

OPTIX RECESSED 4 CELLS 3000K WHT 2021690



Features

- OPTIX RECESSED 4 CELLS 3000K WHT is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 310x100 mm. White plastic low glare optics. White RAL9016 fixture body. Constant current driver. 3000K Warm White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 1059lm. Power consumption 9W. Luminaire efficacy 118lm/W. 42,000hrs L90B10 lifespan. UGR<22, Luminance at 65°<3000 Cd/m2, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.

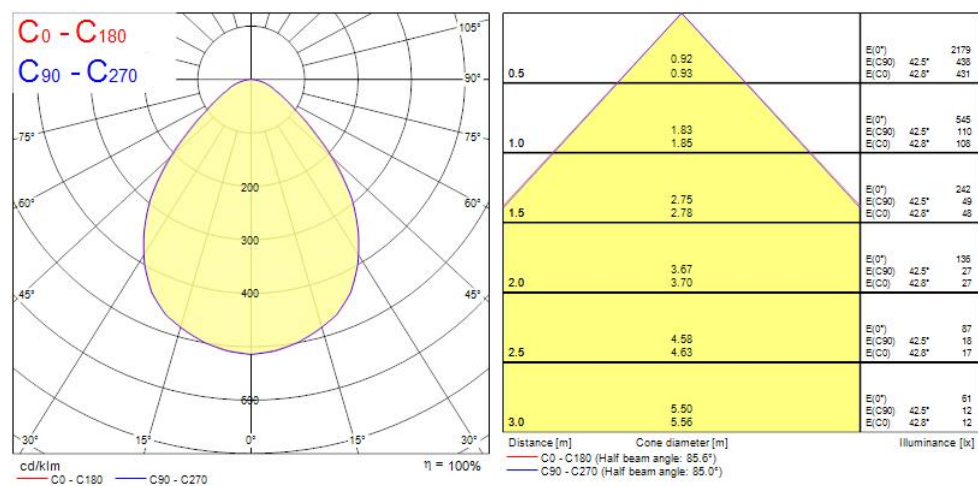
Product Overview

Product name	OPTIX RECESSED 4 CELLS 3000K WHT
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	1059
Luminaire efficacy (lm/W)	118
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 22
Photobiological Risk Group	RG1
Total power consumption (W)	10
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No

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LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Product EAN number	5025768216901
Warranty	5 years
Dimming method	N/A

Photometry

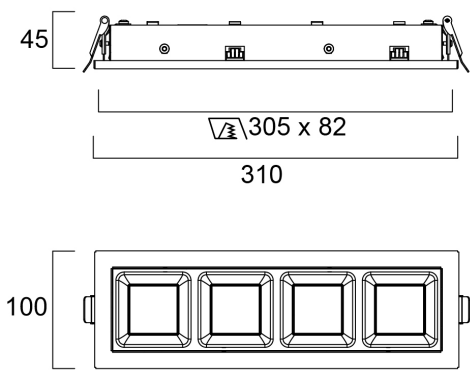


Concord

OPTIX RECESSED 4 CELLS 3000K WHT

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Technical drawings



Data table

GENERAL DATA

Product name	OPTIX RECESSED 4 CELLS 3000K WHT
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)	1059
Luminaire efficacy (lm/W)	118
Correlated colour temperature (k)	3000

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Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 22
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	10
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	150
Inrush Current (A)	14
Inrush Duration (µs)	150
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	64
Max. products per 16A C Breaker	100
Max. products per 10A B Breaker	40
Max. products per 16A B Breaker	60
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	1.5

LIFETIME DATA

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

PHYSICAL DATA

Housing colour	RAL9016
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

Product EAN number	5025768216901
Packaging single length / height (cm)	36.5
Packaging single width (cm)	18.2
Packaging single depth (cm)	6.0
DUN14 (inner)	05025768216901
Units per outer package	1
Packaging outer length / height (cm)	36.5
Packaging outer width (cm)	18.2

SAFETY DATA

Glow Wire Test (°C)	850
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No