

Optix Recessed 600x600 Standard Output

OPTIX RECESSED 600x600 2L SO 3000K WHITE DALI

0044127



Product features

- OPTIX RECESSED 600x600 2L SO 3000K WHITE DALI is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. White plastic low glare optics in 2 lines configuration. White RAL9016 fixture body. DALI dimmable. 3000K Warm White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 2800lm. Power consumption 21W. Luminaire efficacy 133lm/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	0044127
Product name	OPTIX RECESSED 600x600 2L SO 3000K WHITE DALI
Technology	LED (3 SDCM)
Housing	STEEL
Mount	Recessed
Fixture rating	Enclosed
General application	Office, Education,
Certifications	EUNEW008
ETIM Class	EC002892
E-number FI	4276533
Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	133
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	19
Photobiological Risk Group	0
Total power consumption (W)	21
Electrical protection	Class I
Control gear type	DALI
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016
IP rating	IP20
IK rating	IK07
Product EAN number	5410288441276
Chromaticity coordinate Y	0.403
Lamps	Yes
Included lamp	INTEGRATED LED

DATA TABLE

General data

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Optical data

Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	133
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	19
Photobiological Risk Group	0

Electrical data

Total power consumption (W)	21
Starting time (max) (s)	<0.7
Mains voltage (V)	220-240V~
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) = xx.x %	9
Electrical protection	Class I
Control gear required	No
Control gear type	DALI
Dimmable	Yes
Drive current (mA)	200
Inrush Current (A)	29
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	21
Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 16A C Breaker	36
Max. Luminaires per 20A C Breaker	45
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	17
Max. Luminaires per 16A B Breaker	22
Max. Luminaires per 20A B Breaker	27

Lifetime data

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

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Lumen maintenance - L90 B10	46000
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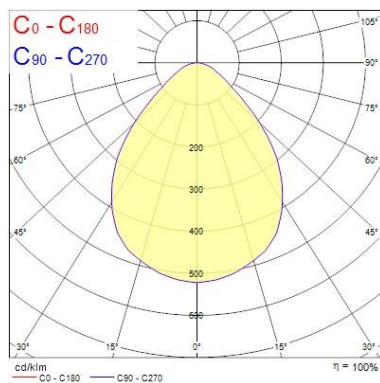
Physical data

Housing colour	RAL 9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Satin
Diffuser material	Polycarbonate
Nominal Product Length (mm)	596
Nominal Product Width (mm)	596
Nominal Product Height (mm)	38
Weight (kg)	5.0

Packaging

Single packaging type	Carton
Product EAN number	5410288441276
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288441276
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

PHOTOMETRY



0.5	0.91	E(0°) E(C0)	42.3°	5548 1150
1.0	1.82	E(0°) E(C0)	42.3°	1462 297
1.5	2.73	E(0°) E(C0)	42.3°	680 132
2.0	3.64	E(0°) E(C0)	42.3°	385 74
2.5	4.55	E(0°) E(C0)	42.3°	234 46
3.0	5.46	E(0°) E(C0)	42.3°	182 33

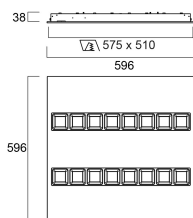
Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 84.6°)

TECHNICAL DRAWINGS

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This luminaire contains built in LED lamps.

The lamps cannot be changed in the luminaire.

874/2012

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