

OPTIX RECESSED 1200 2L LUMI 4K ALU DALI



Item No: 2023838

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OPTIX RECESSED 1200 2L LUMI 4000K ALU DALI is a ceiling recessed luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. DALI dimmable. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.782; Fidelity Index R^f: 93; Gamut Index R^g: 98. For 4000K luminous flux: 3800lm. Power consumption: 36W. Luminaire efficacy: 106lm/W. UGR<16 Luminance at 65°<200 Cd/m², IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 60,000hrs L80B20 lifespan.

Technical Assets

Dimensions (mm)



Photometrics



General data

Product name
OPTIX RECESSED 1200 2L LUMI 4K ALU DALI
Technology
LED
Cap/Base
N/A
Housing

Steel
Mount
Ceiling recessed mounting
Built in presence detector
NONE
Fixture rating
Enclosed
General application
Office, Education
Operating temperature range (°C)
10°C...+25°C
Performance ambient temperature Tq (°C)
25
Virtual assistant compatibility
N/A
ETIM Class
EC002892
Warranty
5 years

Optical data

Fixture luminous flux (lm)
3810
Luminaire efficacy (lm/W)
106
Correlated colour temperature (k)
4000
Light colour
Neutral White
CRI (Ra)
98
Colour Consistency (SDCM)
3
Colour Variation Initial (SDCM)
SDCM3
Distribution type
Symmetric
Glare control
< 16
Photobiological Risk Group
RG0

Electrical data

Emergency type
Total power consumption (W)
36
Primary Supply/Product voltage - min (V)
220
Primary Supply/Product voltage - max (V)
240
Lamp power factor
0.99
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
LED driver constant current
Dimmable
Yes
Dimming method
DALI-2
Minimum dimming level (%)
1
Drive current (mA)
250
Inrush Current (A)
23
Inrush Duration (μ s)
174
Energy Efficiency Class (A->G) of contained light source
F
Nominal Frequency (Hz)
50/60Hz
LED Flickering Rate
Ultra low (5% or less)
Max. products per 10A C Breaker
21
Max. products per 13A C Breaker
28
Max. products per 16A C Breaker
36
Max. products per 20A C Breaker
45
Max. products per 10A B Breaker
13
Max. products per 13A B Breaker
17
Max. products per 16A B Breaker
22
Max. products per 20A B Breaker
27
Connectable conductor cross section - Min (mm²)
0.75
Connectable conductor cross section - Max (mm²)
2.5

Lifetime data

Lifespan L70 B50
100000
Lifespan L80 B20
60000

Physical data

Housing colour
RAL 9016 - Traffic white / Bezel

IP rating
IP20
IK rating
IK07
Diffuser finish
Matt/satinized
Diffuser material
PC Polycarbonate
Reflector finish
High-gloss
Nominal Product Length (mm)
1196
Nominal Product Width (mm)
296
Nominal Product Height (mm)
38
Weight (kg)
5.0

Packaging

Product EAN number
5025768238385
Packaging single length / height (cm)
124.5
Packaging single width (cm)
6.5
Packaging single depth (cm)
32.0
DUN14 (inner)
05025768238385
Units per outer package
1
Packaging outer length / height (cm)
124.5
Packaging outer width (cm)
6.5
Packaging outer depth (cm)
32.0

Safety data

Glow Wire Test (°C)
850
Optimal operating condition (°C)
10-25