

Optix Recessed 1200x300
OPTIX RECESSED 1200x300 2L 4000K ALU DALI EM
2023666



PRODUCT OVERVIEW

Product name	OPTIX RECESSED 1200x300 2L 4000K ALU DALI EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Warranty	5 years
Fixture luminous flux (lm)	3600
Luminaire efficacy (lm/W)	138
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80
Total power consumption (W)	26
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768236664

DATA TABLE

General data	
Product name	OPTIX RECESSED 1200x300 2L 4000K ALU DALI EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel

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Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3600
Luminaire efficacy (lm/W)	138
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80
Emergency duration (h)	3

Electrical data

Total power consumption (W)	26
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.98
Electrical protection	Class I
Control gear type	LED driver constant current
Drive current (mA)	250
Inrush Current (A)	29
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
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	21
Max. products per 20A B Breaker	27
Connectable conductor cross section - Min (mm²)	2.5
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	107500
Lifespan L90 B10	48500

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate

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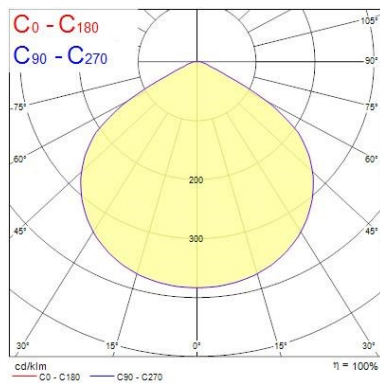
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Nominal Product Length (mm)	1196
Nominal Product Width (mm)	296
Weight (kg)	5.0

Packaging

Single packaging type	Carton
Product EAN number	5025768236664
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
DUN14 (outer)	05025768236664
Packaging outer length / height (cm)	124.5

PHOTOMETRY



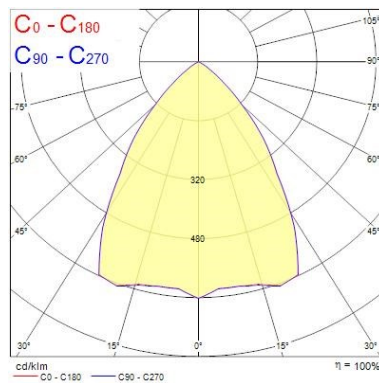
Distance [m]	Cone diameter [m]	E (0°)	E (C90)	E (C0)
0.5	0.76	9247	2347	2353
1.0	1.53	2312	587	588
1.5	2.29	1027	261	261
2.0	3.06	578	147	147
2.5	3.82	370	94	94
3.0	4.59	257	68	68

Distance [m] Cone diameter [m]

— C0 - C180 (Half beam angle: 74.6°)

— C90 - C270 (Half beam angle: 74.8°)

Illuminance [lx]



Distance [m]	Cone diameter [m]	E (0°)	E (C90)	E (C0)
0.5	1.51	133	56.4°	10
1.0	3.01	31	56.4°	3
1.5	4.52	14	56.4°	1
2.0	6.02	8	56.4°	1
2.5	7.53	5	56.4°	0
3.0	9.03	3	56.4°	0

Distance [m] Cone diameter [m]

— C0 - C180 (Half beam angle: 112.8°)

Illuminance [lx]

TECHNICAL DRAWINGS

