

Optix Recessed 600x600 Medium Output
OPTIX RECESSED 600x600 2L 4000K ALU EM
2023577



PRODUCT OVERVIEW

Product name	OPTIX RECESSED 600x600 2L 4000K ALU 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	RG1
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	5025768235773

DATA TABLE

General data	
Product name	OPTIX RECESSED 600x600 2L 4000K ALU 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	RG1
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	0.95
Electrical protection	Class I
Control gear type	LED driver constant current
Drive current (mA)	500
Inrush Current (A)	25
Inrush Duration (µs)	250
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	20
Max. products per 20A B Breaker	24
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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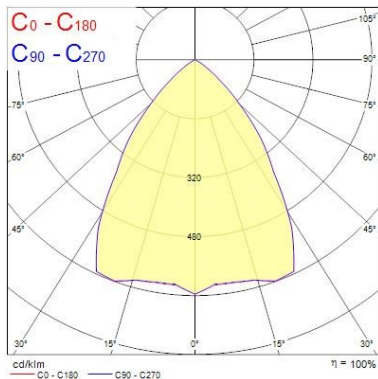
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Nominal Product Length (mm)	596
Nominal Product Width (mm)	596
Weight (kg)	5.0

Packaging

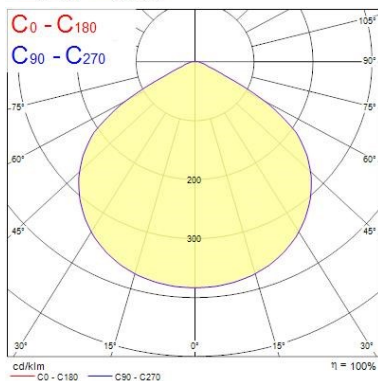
Single packaging type	Carton
Product EAN number	5025768235773
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05025768235773
Packaging outer length / height (cm)	62.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)	Illuminance [lx]
0.5	1.51	517	55.4°	133
1.0	3.01	517	55.4°	31
1.5	4.52	517	55.4°	14
2.0	6.02	517	55.4°	8
2.5	7.53	517	55.4°	5
3.0	9.03	517	55.4°	3

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 112.8°)



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C0)	Illuminance [lx]
0.5	0.77	517	37.7°	980
1.0	1.55	517	37.7°	240
1.5	2.32	517	37.7°	98
2.0	3.09	517	37.7°	48
2.5	3.86	517	37.7°	28
3.0	4.64	517	37.7°	18

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 75.4°)

TECHNICAL DRAWINGS

