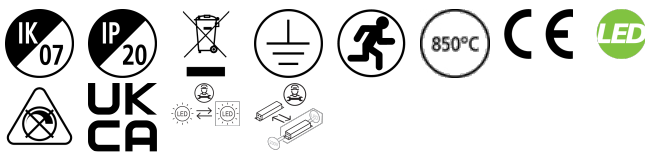


Optix Recessed 600x600 Standard Output
OPTIX RECESSED 600x600 2L SO 4000K ALU EM
2023597



PRODUCT OVERVIEW

Product name	OPTIX RECESSED 600x600 2L SO 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)	2900
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)	21
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	5025768235971

DATA TABLE

General data	
Product name	OPTIX RECESSED 600x600 2L SO 4000K ALU EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel

Optix Recessed 600x600 Standard Output

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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)	2900
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)	21
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)	400
Inrush Current (A)	15
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	40
Max. products per 20A B Breaker	48
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

Optix Recessed 600x600 Standard Output

OPTIX RECESSED 600x600 2L SO 4000K ALU EM

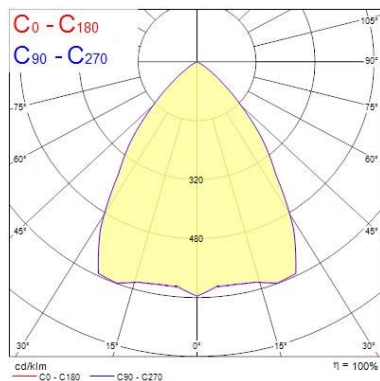
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Nominal Product Length (mm)	596
Nominal Product Width (mm)	596
Weight (kg)	5.0

Packaging

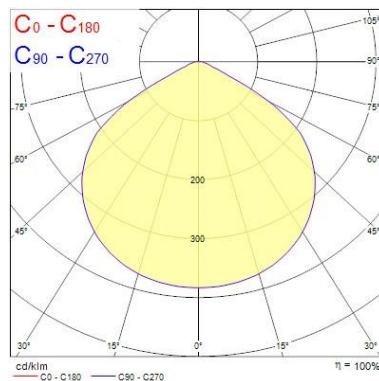
Single packaging type	Carton
Product EAN number	5025768235971
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05025768235971
Packaging outer length / height (cm)	62.0

PHOTOMETRY



0.5	0.77	E(0°) E(C0)	7123 1761
1.0	1.55	E(0°) E(C0)	1781 445
1.5	2.32	E(0°) E(C0)	791 196
2.0	3.09	E(0°) E(C0)	445 111
2.5	3.86	E(0°) E(C0)	285 71
3.0	4.64	E(0°) E(C0)	196 49

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



0.5	1.51	E(0°) E(C0)	133 10
1.0	3.01	E(0°) E(C0)	31 3
1.5	4.52	E(0°) E(C0)	14 1
2.0	6.02	E(0°) E(C0)	8 1
2.5	7.53	E(0°) E(C0)	5 0
3.0	9.03	E(0°) E(C0)	3 0

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

TECHNICAL DRAWINGS

