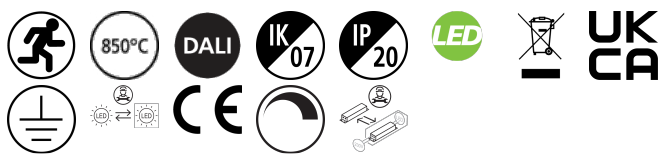


Optix Surface 1200 Direct Medium Output
OPTIX SURFACE 1200x200 2 LINE TW ALU DALI EM
2023765



PRODUCT OVERVIEW

Product name	OPTIX SURFACE 1200x200 2 LINE TW ALU DALI EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Fixture rating	Enclosed
Warranty	5 years
Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	97
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	85
Total power consumption (W)	33
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	5025768237654

DATA TABLE

General data	
Product name	OPTIX SURFACE 1200x200 2 LINE TW ALU DALI EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting

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Fixture rating	Enclosed
Performance ambient temperature T _q (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	97
Correlated colour temperature range (K)	3000 - 6000
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	85
Emergency duration (h)	3

Electrical data

Total power consumption (W)	33
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.97
Electrical protection	Class I
Control gear type	LED driver constant current
Drive current (mA)	600
Inrush Current (A)	29
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
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	120000
Lifespan L90 B10	60000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1129

Optix Surface 1200 Direct Medium Output

OPTIX SURFACE 1200x200 2 LINE TW ALU DALI EM

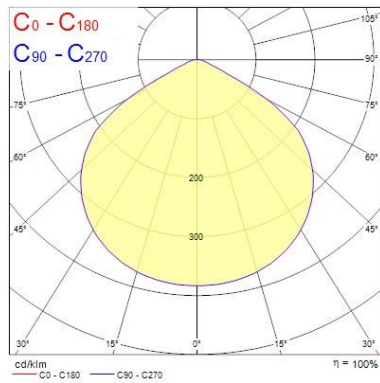
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Nominal Product Width (mm)	200
Weight (kg)	5.0

Packaging

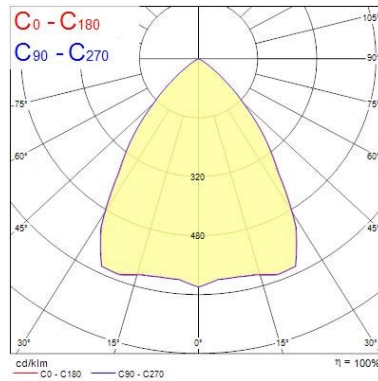
Single packaging type	Carton
Product EAN number	5025768237654
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768237654
Packaging outer length / height (cm)	117.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.79	76.2°	7920
1.0	1.58	76.2°	1980
1.5	2.37	76.2°	881
2.0	3.16	76.2°	496
2.5	3.95	76.2°	317
3.0	4.74	76.2°	220

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 76.2°)
C90 - C270 (Half beam angle: 76.6°)



TECHNICAL DRAWINGS

