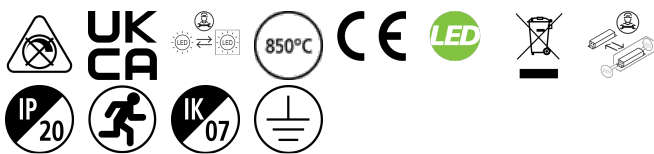


Optix Surface 1500 Direct - Indirect High Output
OPTIX SURFACE 1500x200 2 LINE D/I HO 4000K ALU EM
2023774



PRODUCT OVERVIEW

Product name	OPTIX SURFACE 1500x200 2 LINE D/I HO 4000K ALU EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Warranty	5 years
Fixture luminous flux (lm)	7000
Luminaire efficacy (lm/W)	143
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 14
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	85
Total power consumption (W)	49
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	5025768237746

DATA TABLE

General data	
Product name	OPTIX SURFACE 1500x200 2 LINE D/I HO 4000K ALU EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel

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Mount	Suspended
Fixture rating	Enclosed
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	7000
Luminaire efficacy (lm/W)	143
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 14
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	85
Emergency duration (h)	3

Electrical data

Total power consumption (W)	49
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)	950
Inrush Current (A)	30
Inrush Duration (µs)	250
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C, C, C(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	15
Max. products per 20A B Breaker	18
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	120000
Lifespan L90 B10	60000

Physical data

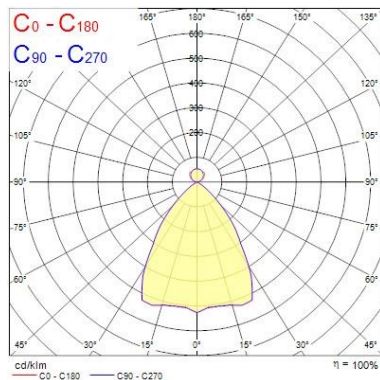
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1410

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Nominal Product Width (mm)	200
Weight (kg)	1.9
Packaging	
Single packaging type	Carton
Product EAN number	5025768237746
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768237746
Packaging outer length / height (cm)	147.0
Safety data	
Optimal operating condition (°C)	10-25

PHOTOMETRY

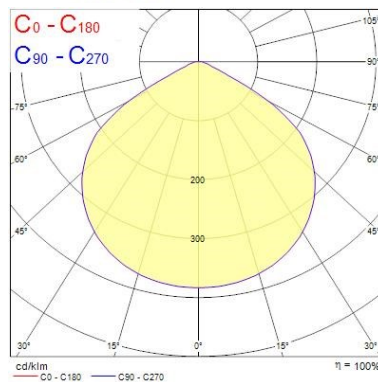


Distance [m]	Cone diameter [m]	η (%)	E (0°) [lx]	E (C90) [lx]	E (C0) [lx]
0.5	0.78	14738	37.8°	3571	3545
1.0	1.55	3685	37.8°	915	911
1.5	2.33	1638	37.8°	408	405
2.0	3.10	921	37.8°	239	235
2.5	3.88	590	37.8°	147	146
3.0	4.67	439	37.8°	102	101

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 75.8°)
C90 - C270 (Half beam angle: 75.6°)

Distance [m]	Cone diameter [m]	η (%)	E (0°) [lx]	E (C90) [lx]	E (C0) [lx]
0.5	1.51	123	36.4°	12	12
1.0	3.01	31	36.4°	3	3
1.5	4.52	14	36.4°	1	1
2.0	6.02	8	36.4°	0	0
2.5	7.53	5	36.4°	0	0
3.0	9.03	3	36.4°	0	0

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



TECHNICAL DRAWINGS

