

Optix MPO 1200 Direct - Indirect
OPTIX SURFACE 1200 MPO D/I HO 4000K
2021660



PRODUCT OVERVIEW

Product name	OPTIX SURFACE 1200 MPO D/I HO 4000K
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Warranty	5 years
Fixture luminous flux (lm)	5770
Luminaire efficacy (lm/W)	131
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 18
Photobiological Risk Group	RG1
Total power consumption (W)	44
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	5025768216604

DATA TABLE

General data	
Product name	OPTIX SURFACE 1200 MPO D/I HO 4000K
Technology	LED (3 SDCM)
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Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5770
Luminaire efficacy (lm/W)	131
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 18
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	44
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class I
Control gear type	LED driver constant current
Drive current (mA)	300
Inrush Current (A)	15
Inrush Duration (µs)	100
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	30
Max. products per 20A B Breaker	60

Lifetime data

Lifespan L70 B50	238000
Lifespan L80 B20	130000
Lifespan L90 B10	58000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	1200
Nominal Product Width (mm)	200
Weight (kg)	4.6

Packaging

Single packaging type	Carton
Product EAN number	5025768216604
Packaging single width (cm)	22.5

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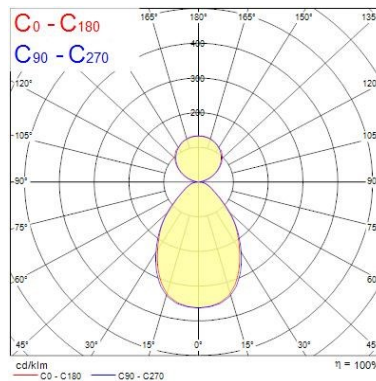
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768216604
Packaging outer length / height (cm)	122.0

PHOTOMETRY

0.5	0.79 0.77	E(0°) E(C90) E(C0)	8370 2039 2388
1.0	1.57 1.54	E(0°) E(C90) E(C0)	2090 510 621
1.5	2.36 2.31	E(0°) E(C90) E(C0)	350 227 232
2.0	3.15 3.08	E(0°) E(C90) E(C0)	523 127 130
2.5	3.93 3.85	E(0°) E(C90) E(C0)	335 62 83
3.0	4.72 4.62	E(0°) E(C90) E(C0)	233 37 58

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 75.2°)
— C90 - C270 (Half beam angle: 75.4°)



TECHNICAL DRAWINGS

