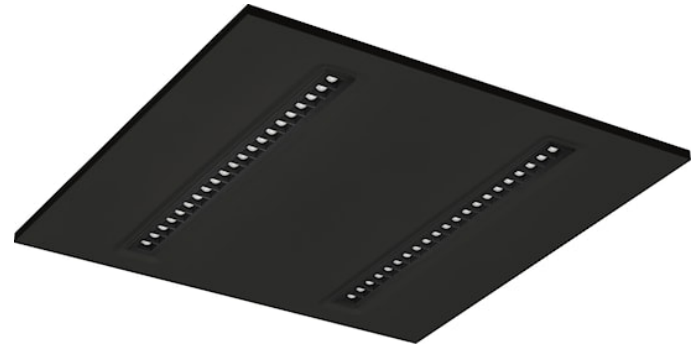
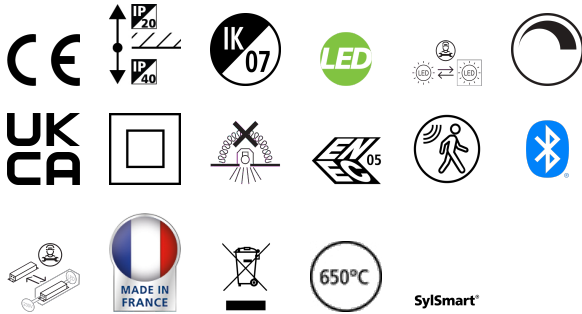


OPTICLIP R 600 840 2L BLK SSA03

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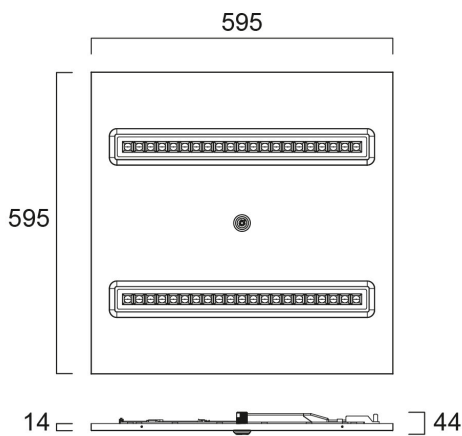
PROTM



OPTICLIP R 600 840 2L BLK SSA03 is a high efficacy low glare ceiling recessed mounted luminaire with replaceable light engines for office and education applications. Black colour plastic optic (reflector + lens), direct light distribution. Luminaire dimensions: 595x595x44mm. Black body colour (RAL9005), IP40 (from the front), IK07, SylSmart Connected enabled with integrated sensor, 33.5W power consumption, 4000K (neutral white) CCT, 4150lm luminous flux at 900mA drive current level, 124lm/W system efficacy, CRI>80, SDCM≤3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<16, luminance at 65° < 1000 cd/m². Lifespan: 100,000 hours L80B20, photobiological safety risk group 0. Electrical protection Class II. Glow wire test 850°C.

Technical Assets

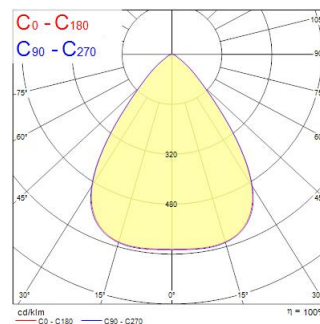
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E107	E100	E100	E100	Illuminance [lx]
0.5	0.78 0.78	1000	30.0°	2900	27.9°	254
1.0	1.56 1.56	251	30.0°	642	27.9°	64
1.5	2.34 2.34	112	30.0°	287	27.9°	27
2.0	3.13 3.11	548	30.0°	180	27.9°	181
2.5	3.91 3.89	415	30.0°	133	27.9°	133
3.0	4.69 4.67	280	30.0°	11	27.9°	72

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 75.0°)
 — C90 - C270 (Half beam angle: 76.0°)



OPTICLIP R 600 840 2L BLK SSA03

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General data

Product name	OPTICLIP R 600 840 2L BLK SSA03
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	PIR
General application	Office, Education
Operating temperature range (°C)	5°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4170649
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4150
Luminaire efficacy (lm/W)	124
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	75
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	33.5
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Minimum dimming level (%)	1
Drive current (mA)	900
Max. drive current (mA)	900
Drive current - Range (mA)	/ 900mA
Inrush Current (A)	15
Inrush Duration (µs)	220
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	21
Max. products per 13A C Breaker	27
Max. products per 16A C Breaker	33
Max. products per 20A C Breaker	42
Max. products per 10A B Breaker	12
Max. products per 13A B Breaker	16
Max. products per 16A B Breaker	20
Max. products per 20A B Breaker	25
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	1.5

OPTICLIP R 600 840 2L BLK SSA03

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B20	50000

Physical data

Housing colour	RAL 9005 - Jet black
IP rating	IP40/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Matt
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	44
Weight (kg)	3.5

Packaging

Product EAN number	5410288340463
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05410288340463
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	5-25
Dry applications use only	No