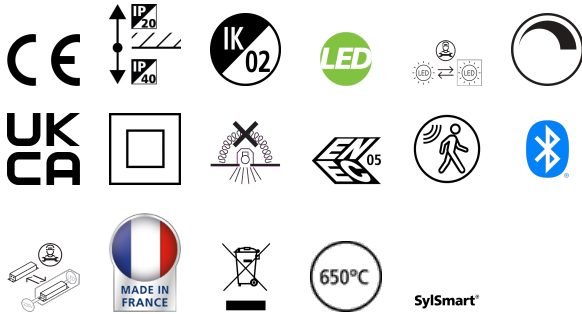


OPTICLIP TERRA 625 840 2L WHT SSA03

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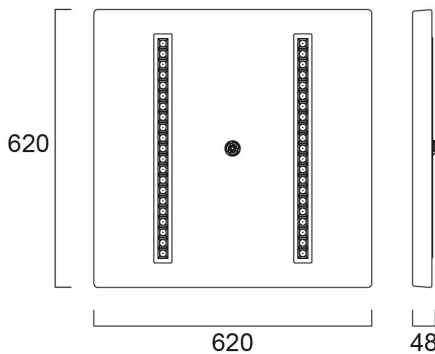
TERRA 



OPTICLIP TERRA 625 840 WHT SSA03 is a high efficacy low glare ceiling recessed luminaire with replaceable light engines for office and education applications. Housing made of white colour cardboard, combined with white colour plastic optic, direct light distribution, luminaire dimensions: 620x620x48mm, IP20 (from the front), IK02, SylSmart Connected enabled with integrated sensor, 33.5W power consumption, 4000K (neutral white) LED CCT, 4700lm luminous flux at 900mA drive current level, 140lm/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 650°C.

Technical Assets

Dimensions (mm)

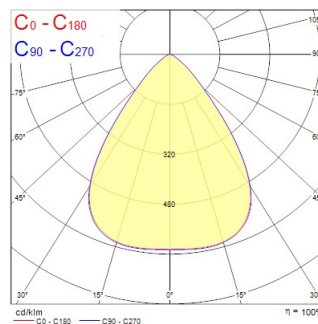


Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.78	0.78	2.56	11730
1.0	1.56	1.56	5.12	2905
1.5	2.34	2.34	7.68	1304
2.0	3.13	3.11	10.24	734
2.5	3.91	3.89	12.80	470
3.0	4.69	4.67	15.36	311

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

— C0 - C180 (Half beam angle: 75.0°) — C90 - C270 (Half beam angle: 76.0°)



OPTICLIP TERRA 625 840 2L WHT SSA03

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General data

Product name	OPTICLIP TERRA 625 840 2L WHT SSA03
Technology	LED
Cap/Base	N/A
Housing	Other
Mount	Ceiling recessed mounting
Built in presence detector	PIR
Fixture rating	Enclosed
General application	Office, Education
Operating temperature range (°C)	5°C...+35°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4700
Luminaire efficacy (lm/W)	140
Correlated colour temperature (k)	3000
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	D
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 TERRA 625 840 2L WHT SSA03

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Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	100000
Lifespan L80 B20	100000
Lifespan L80 B10	100000
Lifespan L90 B50	56000
Lifespan L90 B20	50000
Lifespan L90 B10	49000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Diffuser finish	Other
Diffuser material	None
Reflector finish	Matt
Nominal Product Length (mm)	620
Nominal Product Width (mm)	620
Nominal Product Height (mm)	48
Weight (kg)	1.1

Packaging

Product EAN number	5410288420431
Packaging single length / height (cm)	61.5
Packaging single width (cm)	61.5
Packaging single depth (cm)	5.0
DUN14 (inner)	15410288420438
Units per outer package	4
Packaging outer length / height (cm)	63.5
Packaging outer width (cm)	63.5
Packaging outer depth (cm)	20.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	5-35
Dry applications use only	No