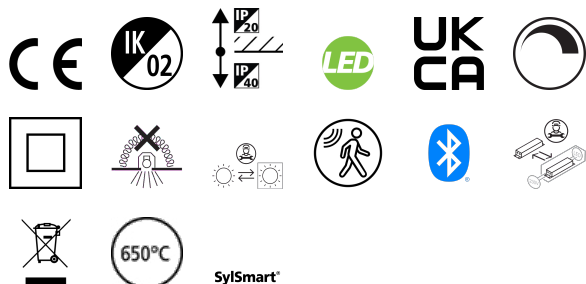


OPTICLIP TERRA 600 840 SSA03 WH

Item No: 0041952

SYLVANIA

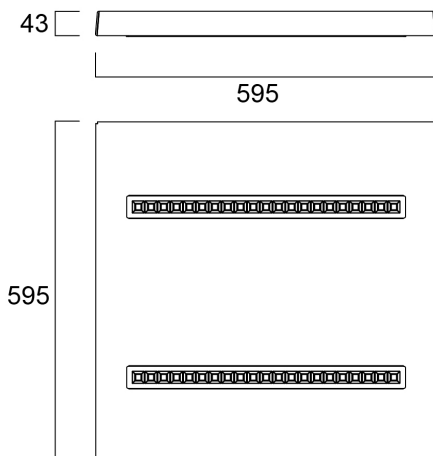
TERRA 



OPTICLIP TERRA 600 840 SSA03 WH 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: 595x595x42mm, IP20 (from the front), IK02, DALI D4I driver (Sylsmart enabled), low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3300lm luminous flux, 27W power consumption, 122lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 2000 cd/m2, lifespan: 62,000 hours L80B20, photobiological safety risk group 1. Electrical protection Class II. Glow wire test 650°C.

Technical Assets

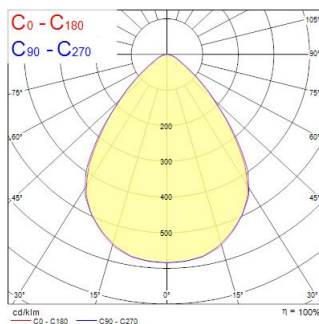
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam flux [lm]	Beam illuminance [lx]
0.5	0.85	80.4°	0.85	0.72	7100	1700
1.0	1.69	80.4°	1.69	2.88	1820	630
1.5	2.54	80.4°	2.54	6.45	890	138
2.0	3.38	80.4°	3.38	11.4	490	43
2.5	4.23	80.4°	4.23	17.9	300	17
3.0	5.07	80.4°	5.07	25.7	214	8

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 75.2°)
C90 - C270 (Half beam angle: 80.4°)



OPTICLIP TERRA 600 840 SSA03 WH

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General data

Product name	OPTICLIP TERRA 600 840 SSA03 WH
Technology	LED
Cap/Base	N/A
Housing	Other
Mount	Ceiling recessed mounting
Built in presence detector	PIR
Fixture rating	Enclosed
General application	Education, Office
Operating temperature range (°C)	-20°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4279553
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3300
Luminaire efficacy (lm/W)	122
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Luminous Intensity (cd)	1926
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 17
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (W)	27
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)
Drive current (mA)	700
Inrush Current (A)	30
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	E, E(more than 1 Light Source)
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 - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	62500

OPTICLIP TERRA 600 840 SSA03 WH

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Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	46
Weight (kg)	1.1

Packaging

Product EAN number	5410288419527
Packaging single length / height (cm)	59.5
Packaging single width (cm)	59.5
Packaging single depth (cm)	5.0
DUN14 (inner)	15410288419524
Units per outer package	3
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	62.0
Packaging outer depth (cm)	20.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-25