

Features

- OPTICLIP TERRA 600 830 SSA01D 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: 595x595x40mm, IP20 (from the front), IK02, DALI D4I driver (Sylsmart enabled Bluetooth driver), low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 3100lm luminous flux, 26W power consumption, 119lm/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.

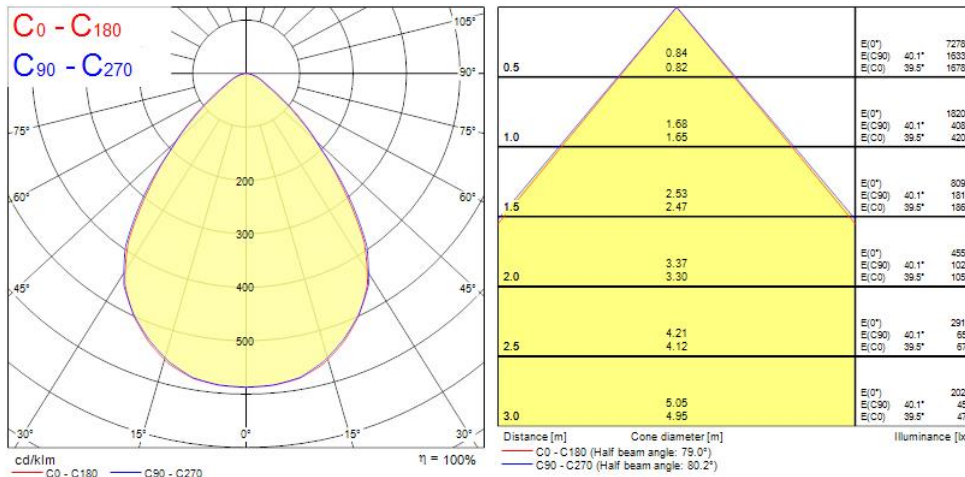
Product Overview

Product name	OPTICLIP TERRA 600 830 SSA01D WH
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
E-number FI	4279547
Fixture luminous flux (lm)	3300
Luminaire efficacy (lm/W)	126
Correlated colour temperature (k)	4000
Light colour	Warm White
CRI (Ra)	80

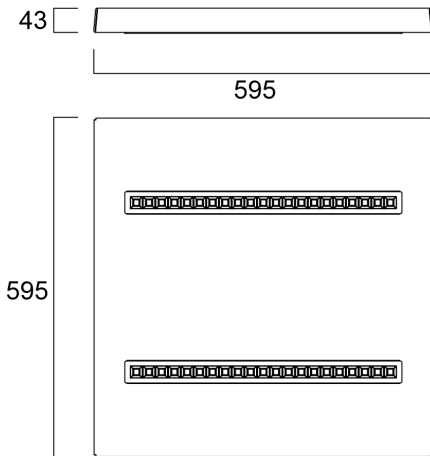
OPTICLIP TERRA 600 830 SSA01D WH 0041957

Colour Variation Initial (SDCM)	3
Beam Angle (°)	80
Glare control	< 17
Photobiological Risk Group	RG1
Total power consumption (W)	27
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Product EAN number	5410288419572
Warranty	5 years
Dimming method	SylSmart SSA
Useful luminous flux (#use)	3300

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	OPTICLIP TERRA 600 830 SSA01D WH
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
Operating temperature range (°C)	-20°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4279547
Warranty	5 years

OPTICAL DATA

Useful luminous flux (#use)	3300
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OPTICLIP TERRA 600 830 SSA01D WH 0041957

Fixture luminous flux (lm)	3300
Luminaire efficacy (lm/W)	126
Correlated colour temperature (k)	4000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	1926
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 17
Photobiological Risk Group	RG1

ELECTRICAL DATA

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 SSA
Drive current (mA)	700
Inrush Current (A)	20
Inrush Duration (µs)	25
Glow Wire Test (°C)	650
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	57
Max. products per 16A C Breaker	94
Max. products per 16A B Breaker	55

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Connectable conductor cross section - 2.5
Max (mm²)

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)	20
Weight (kg)	1.1

PACKAGING

Product EAN number	5410288419572
Packaging single length / height (cm)	59.5
Packaging single width (cm)	20.0
Packaging single depth (cm)	59.5
DUN14 (outer)	15410288419579
Units per outer package	4
Packaging outer length / height (cm)	20.0
Packaging outer width (cm)	62.0
Packaging outer depth (cm)	62.0

SAFETY DATA

Optimal operating condition (°C)	-20-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No