



Features

• OPTICLIP TERRA 600 830 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%), Warm White (3000K) LED Colour Temperature, 3100lm luminous flux, 27W power consumption, 114lm/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.

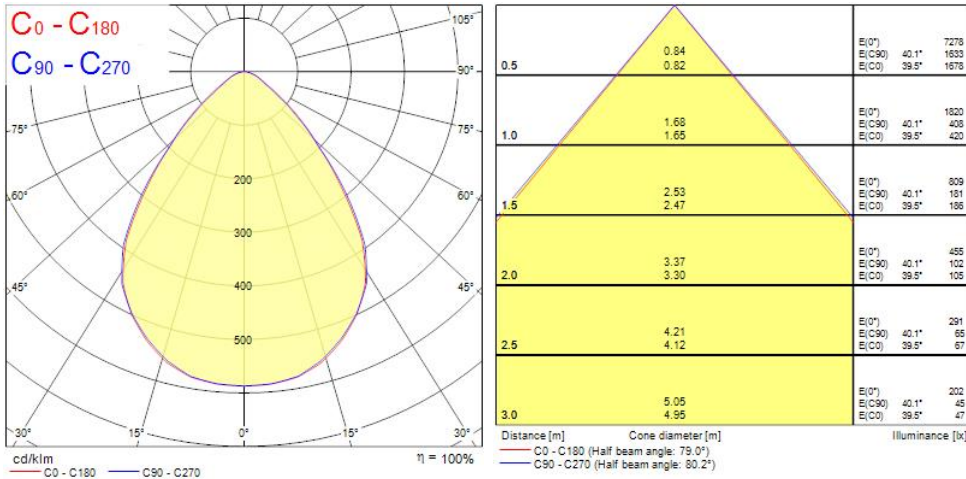
Product Overview

Product name	OPTICLIP TERRA 600 830 SSA03 WH
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Fixture luminous flux (lm)	3300
Luminaire efficacy (lm/W)	122
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 17
Photobiological Risk Group	RG1
Total power consumption (W)	27

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Electrical protection	Class II
Control gear type	LED driver constant current
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	5410288419558
Warranty	5 years
Useful luminous flux (#use)	3300

Photometry



Data table

GENERAL DATA

Product name	OPTICLIP TERRA 600 830 SSA03 WH
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Operating temperature range (°C)	-20°C...+25°C

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Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Useful luminous flux (#use)	3300
Fixture luminous flux (lm)	3300
Luminaire efficacy (lm/W)	122
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	1926
Glare control	< 17
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	27
Primary Supply/Product voltage - min (V)	220.0
Lamp power factor	0.95
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	700
Inrush Current (A)	30
Inrush Duration (µs)	200
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	21
Max. products per 13A C Breaker	27
Max. products per 16A C Breaker	33

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Connectable conductor cross section - 2.5
Max (mm²)

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L70 B20	98500
Lifespan L70 B10	96000
Lifespan L80 B50	66500
Lifespan L80 B20	62500
Lifespan L80 B10	60500
Lifespan L90 B50	33500
Lifespan L90 B20	30500
Lifespan L90 B10	29000

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
Weight (kg)	1.1

PACKAGING

Product EAN number	5410288419558
Packaging single width (cm)	20.0
Packaging single depth (cm)	59.5
DUN14 (outer)	15410288419555
Packaging outer length / height (cm)	20.0

SAFETY DATA

Optimal operating condition (°C) -20-25

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Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No