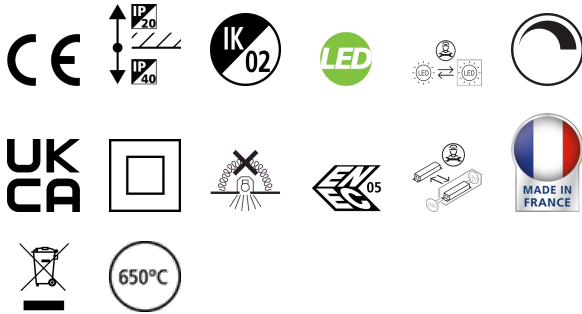


OPTICLIP TERRA 625 830 2L WHT DALI

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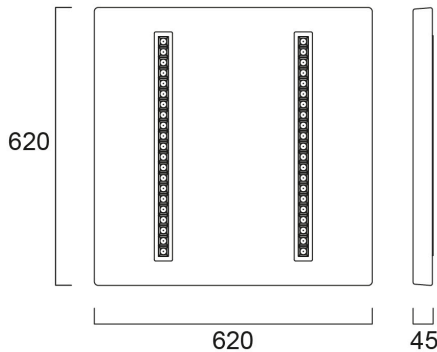
TERRA 



OPTICLIP TERRA 625 830 WHT DALI 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: 620x620x45mm, IP20 (from the front), IK02, DALI-2 dimmable driver, 33W power consumption, 3000K (warm white) LED CCT, 4450lm luminous flux at 900mA drive current level, 135lm/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)



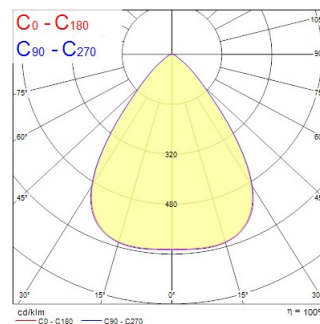
Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.78 0.78	0.78	2.56	1114
1.0	1.56 1.56	1.56	5.12	279
1.5	2.34 2.34	2.34	7.68	126
2.0	3.13 3.11	3.11	10.24	69
2.5	3.91 3.89	3.89	12.80	44
3.0	4.69 4.67	4.67	15.36	31

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

— C0 - C180 (Half beam angle: 75.0°)

— C90 - C270 (Half beam angle: 76.0°)



OPTICLIP TERRA 625 830 2L WHT DALI

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General data

Product name	OPTICLIP TERRA 625 830 2L WHT DALI
Technology	LED
Cap/Base	N/A
Housing	Other
Mount	Ceiling recessed mounting
Built in presence detector	NONE
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)	4450
Luminaire efficacy (lm/W)	135
Correlated colour temperature (k)	3000
Light colour	Warm 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
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	900
Max. drive current (mA)	900
Drive current - Range (mA)	/ 900mA
Inrush Current (A)	5.6
Inrush Duration (µs)	50
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	37
Max. products per 16A C Breaker	59
Max. products per 10A B Breaker	37
Max. products per 16A B Breaker	59
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	2.5

OPTICLIP TERRA 625 830 2L WHT DALI

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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)	45
Weight (kg)	1.1

Packaging

Product EAN number	5410288420455
Packaging single length / height (cm)	61.5
Packaging single width (cm)	61.5
Packaging single depth (cm)	5.0
DUN14 (inner)	15410288420452
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