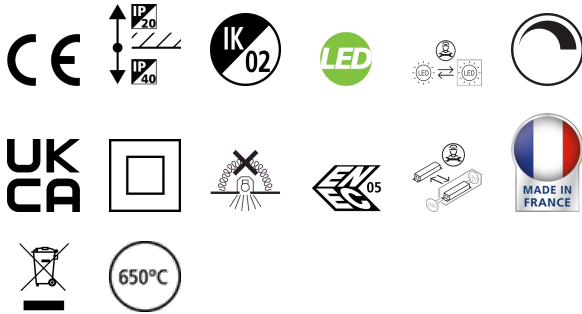


# OPTICLIP TERRA 625 840 2L WHT DALI

Item No: 0042042

**SYLVANIA**

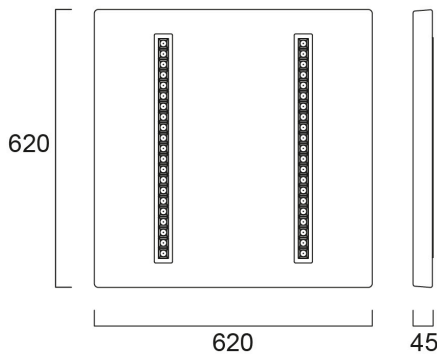
**TERRA** 



OPTICLIP TERRA 625 840 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, 4000K (neutral white) LED CCT, 4700lm luminous flux at 900mA drive current level, 142lm/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

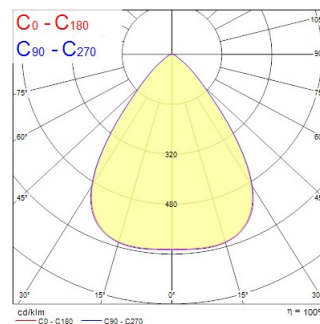
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.78 0.78	0.78	2.56	11730 2905 2905
1.0	1.56 1.56	1.56	5.12	2925 727 727
1.5	2.34 2.34	2.34	7.68	1304 330 330
2.0	3.13 3.11	3.13	10.24	734 185 185
2.5	3.91 3.89	3.91	12.80	470 118 118
3.0	4.69 4.67	4.69	15.36	329 81 81

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 DALI

Item No: 0042042

**SYLVANIA**

## General data

Product name	OPTICLIP TERRA 625 840 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)	4700
Luminaire efficacy (lm/W)	135
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
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 <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

# OPTICLIP TERRA 625 840 2L WHT DALI

Item No: 0042042

**SYLVANIA**

## 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	50000

## 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	5410288420424
Packaging single length / height (cm)	61.5
Packaging single width (cm)	61.5
Packaging single depth (cm)	5.0
DUN14 (inner)	15410288420421
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