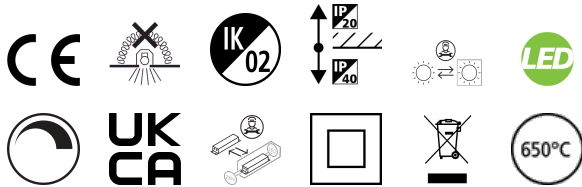


OPTICLIP TERRA 600 830 DALI WH

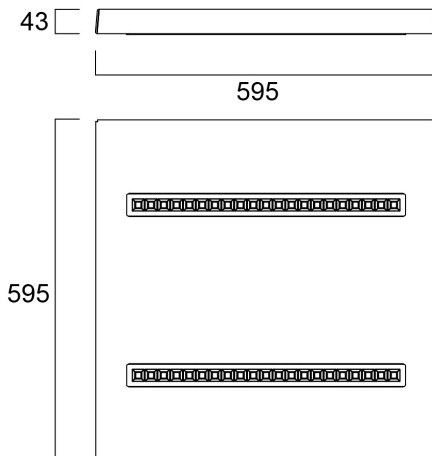
Item No: 0041954



OPTICLIP TERRA 600 840 DALI 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 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.

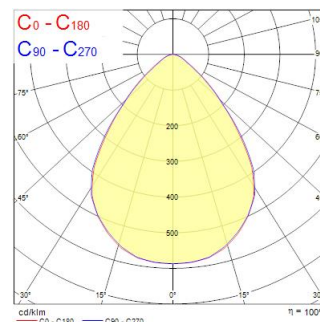
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E171	E170	E169	E168	E167	E166	E165	E164	E163	E162	E161	E160	E159	E158	E157	E156	E155	E154	E153	E152	E151	E150	E149	E148	E147	E146	E145	E144	E143	E142	E141	E140	E139	E138	E137	E136	E135	E134	E133	E132	E131	E130	E129	E128	E127	E126	E125	E124	E123	E122	E121	E120	E119	E118	E117	E116	E115	E114	E113	E112	E111	E110	E109	E108	E107	E106	E105	E104	E103	E102	E101	E100	E99	E98	E97	E96	E95	E94	E93	E92	E91	E90	E89	E88	E87	E86	E85	E84	E83	E82	E81	E80	E79	E78	E77	E76	E75	E74	E73	E72	E71	E70	E69	E68	E67	E66	E65	E64	E63	E62	E61	E60	E59	E58	E57	E56	E55	E54	E53	E52	E51	E50	E49	E48	E47	E46	E45	E44	E43	E42	E41	E40	E39	E38	E37	E36	E35	E34	E33	E32	E31	E30	E29	E28	E27	E26	E25	E24	E23	E22	E21	E20	E19	E18	E17	E16	E15	E14	E13	E12	E11	E10	E9	E8	E7	E6	E5	E4	E3	E2	E1																																																									
0.5	0.84 0.82	1270	1260	1250	1240	1230	1220	1210	1200	1190	1180	1170	1160	1150	1140	1130	1120	1110	1100	1090	1080	1070	1060	1050	1040	1030	1020	1010	1000	990	980	970	960	950	940	930	920	910	900	890	880	870	860	850	840	830	820	810	800	790	780	770	760	750	740	730	720	710	700	690	680	670	660	650	640	630	620	610	600	590	580	570	560	550	540	530	520	510	500	490	480	470	460	450	440	430	420	410	400	390	380	370	360	350	340	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990	1000



OPTICLIP TERRA 600 830 DALI WH

Item No: 0041954

SYLVANIA

General data

Product name	OPTICLIP TERRA 600 830 DALI WH
Technology	LED
Cap/Base	N/A
Housing	Other
Mount	Ceiling recessed mounting
Built in presence detector	NONE
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	4279543
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3300
Luminaire efficacy (lm/W)	126
Correlated colour temperature (k)	3000
Light colour	Warm 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)	26
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 %	15
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	700
Inrush Current (A)	23
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	23
Max. products per 13A C Breaker	31
Max. products per 16A C Breaker	38
Max. products per 20A C Breaker	48
Max. products per 10A B Breaker	14
Max. products per 13A B Breaker	19
Max. products per 16A B Breaker	23
Connectable conductor cross section - Max (mm ²)	2.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	62500

OPTICLIP TERRA 600 830 DALI WH

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SYLVANIA

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)	43
Weight (kg)	1.1

Packaging

Product EAN number	5410288419541
Packaging single length / height (cm)	59.5
Packaging single width (cm)	59.5
Packaging single depth (cm)	5.0
DUN14 (inner)	15410288419548
Units per outer package	4
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