

OTAO LINEAR 1.2 REF WHT 830/840 DALI WH

Item No: 0041805

SYLVANIA

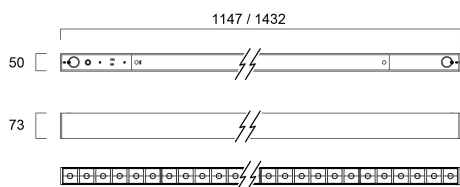
PROTM



Linear LED Luminaire, RAL9003 (white) finishing, direct distribution, standard surface mounted version complete with end caps and surface brackets, additional mounting options with accessories, 50mm wide extruded aluminium profile, lenses combined with white painted reflector, ideal for offices, meeting rooms, corridors, education facilities, museums and libraries, power and CCT switch options at the back of the luminaire, colour temperature: 3000K/4000K CCT options, CRI (Ra) >80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), DALI driver, 4-steps combined dip-switch for direct and D/I light distribution, 2-steps power dip switch in direct mode (22-24W), max system power: 24W, max fixture output: 3500lm @ 4000K CCT, efficacy at max output 146lm/W, additional 2-steps power dip switch when indirect module added (34-36W), max system power in D/I combination: 36W, max fixture output: 5050lm @ 4000K CCT, efficacy at max output 140lm/W, electrical protection: Class I, IP20 ingress protection, IK03 impact resistance level, suitable for indoor environment only, lifespan: 100,000 hours L80B50, operating voltage: 220-240V / 50-60Hz, nominal size: 1147x50x73mm, shipped with through wiring.

Technical Assets

Dimensions (mm)



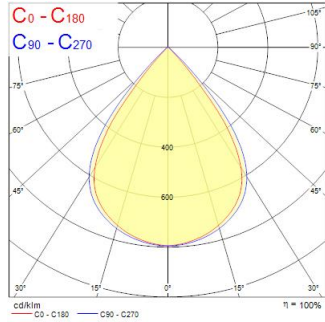
Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.81 0.74	72.8° 68.4°	1.62 1.48	5.31 4.86	1130 1307
1.0	1.61 1.47	72.8° 68.4°	3.24 2.96	10.62 9.72	2780 3268
1.5	2.42 2.21	72.8° 68.4°	4.86 4.44	15.93 14.57	1238 1523
2.0	3.23 2.95	72.8° 68.4°	6.46 5.92	21.21 19.41	695 883
2.5	4.03 3.69	72.8° 68.4°	8.06 7.38	26.46 24.11	445 558
3.0	4.84 4.42	72.8° 68.4°	9.68 8.84	31.71 28.87	329 407

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General data

Product name	OTAO LINEAR 1.2 REF WHT 830/840 DALI WH
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting, Ceiling surface mounting, Suspended, Wall surface mounted
Built in presence detector	NONE
General application	Office, Education, Retail, Hospitality
Operating temperature range (°C)	5°C...+50°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4170590
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3500
Luminaire efficacy (lm/W)	146
Light colour	Warm White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	350

Electrical data

Emergency type	
Emergency duration (h)	3
Total power consumption (W)	24
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 I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	600
Inrush Current (A)	8.4
Inrush Duration (µs)	170
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	39
Max. products per 16A C Breaker	63
Max. products per 10A B Breaker	39
Max. products per 16A B Breaker	63
Connectable conductor cross section - Min (mm²)	0.75

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Connectable conductor cross section - Max (mm²)	1.5
Lifetime data	
Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L90 B50	60000
Physical data	
Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK03
Diffuser finish	Other
Diffuser material	Other
Reflector finish	Not Applicable
Nominal Product Length (mm)	1147
Nominal Product Width (mm)	50
Nominal Product Height (mm)	73
Weight (kg)	1.9

Packaging

Product EAN number	5410288418056
Packaging single length / height (cm)	122.0
Packaging single width (cm)	6.1
Packaging single depth (cm)	7.8
DUN14 (inner)	15410288418053
Units per outer package	4
Packaging outer length / height (cm)	124.0
Packaging outer width (cm)	14.2
Packaging outer depth (cm)	19.4

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	5-50