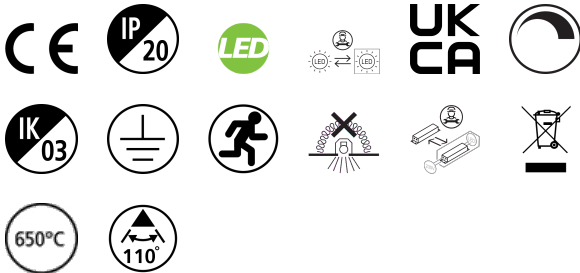


OTAO LINEAR 1.5 OPAL 830/840 DALI BK

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SYLVANIA

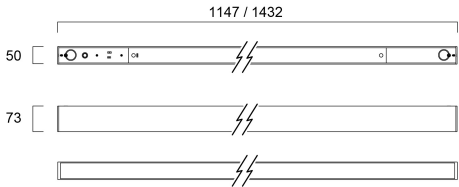
PROTM



Linear LED Luminaire, RAL9011 (black) finishing, direct distribution, standard surface mounted version complete with end caps and surface brackets, additional mounting options with accessories, 50mm wide extruded aluminium profile, opal diffuser, 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, 2-steps combined dip-switch for direct and D/I light distribution: 28W system power in direct mode with 3300lm output and 118lm/W efficacy @ 4000K CCT, 39W system power in D/I combination with 4500lm and 115lm/W efficacy @ 4000K CCT, 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]	Beam diameter [in]	Illuminance [lx]
0.5		1.55	E0°		4898	
		1.31	E30°	57.1°	379	
			E60°	52.7°	302	
1.0		3.09	E0°		1172	
		2.63	E30°	57.1°	94	
			E60°	52.7°	75	
1.5		4.64	E0°		521	
		3.94	E30°	57.1°	42	
			E60°	52.7°	33	
2.0		6.18	E0°		293	
		5.25	E30°	57.1°	23	
			E60°	52.7°	18	
2.5		7.73	E0°		188	
		6.56	E30°	57.1°	19	
			E60°	52.7°	14	
3.0		9.27	E0°		135	
		7.88	E30°	57.1°	15	
			E60°	52.7°	11	
Distance [m] Cone diameter [m] Illuminance [lx]						
— C7 - C18 (Half beam angle: 105.4°)						
— C90 - C270 (Half beam angle: 114.2°)						

OTAO LINEAR 1.5 OPAL 830/840 DALI BK

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SYLVANIA

General data

Product name	OTAO LINEAR 1.5 OPAL 830/840 DALI BK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	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	4170731
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3300
Luminaire efficacy (lm/W)	118
Light colour	Warm White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	230

Electrical data

Emergency type	
Emergency duration (h)	3
Total power consumption (W)	28
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)	650
Inrush Current (A)	8.4
Inrush Duration (µs)	170
Energy Efficiency Class (A->G) of contained light source	C
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
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L90 B50	50000

OTAO LINEAR 1.5 OPAL 830/840 DALI BK

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Physical data

Housing colour	RAL 9011 - Graphite black
IP rating	IP20
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	1432
Nominal Product Width (mm)	50
Nominal Product Height (mm)	73
Weight (kg)	2.4

Packaging

Product EAN number	5410288408323
Packaging single length / height (cm)	149.5
Packaging single width (cm)	6.1
Packaging single depth (cm)	7.8
DUN14 (inner)	15410288408320
Units per outer package	4
Packaging outer length / height (cm)	151.5
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