

OTAO LINEAR 1.2 OPAL 830/840 DALI BK

Artikelnummer 0040801

SYLVANIA

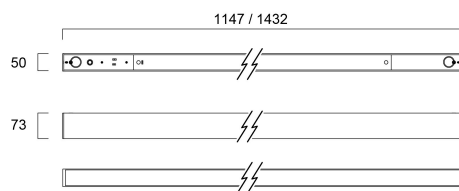
PROTM



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, 4-steps combined dip-switch for direct and D/I light distribution, 2-steps power dip switch in direct mode (24-26W), max system power: 26W, max fixture output: 2900lm @ 4000K CCT, efficacy at max output 112lm/W, additional 2-steps power dip switch when indirect module added (36-39W), max system power in D/I combination: 39W, max fixture output: 4600lm @ 4000K CCT, efficacy at max output 118lm/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.

Technische Werte

Größe (mm)



Photometrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]	Luminaire [lm]
0.5	1.50	1.29	1.50	4.92	19.76	4300
1.0	3.00	2.58	3.00	9.84	39.51	1075
1.5	4.50	3.87	4.50	14.76	59.26	470
2.0	6.00	5.16	6.00	19.68	78.01	289
2.5	7.50	6.45	7.50	24.60	97.76	170
3.0	9.00	7.74	9.00	29.52	117.51	100

Distance [m] Cone diameter [m] Beam angle [°] Beam diameter [m] Beam diameter [ft] Beam diameter [in] Luminaire [lm]

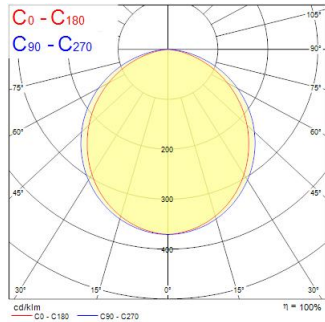
— C0 - C180 (Half beam angle: 104.4°)

— C90 - C270 (Half beam angle: 112.6°)

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Allgemeine Daten

Produktname	OTAO LINEAR 1.2 OPAL 830/840 DALI BK
Technologie	LED
Sockel	N/A
Gehäuse	Aluminium
Montage	Ceiling recessed mounting, Ceiling surface mounting, Suspended, Wall surface mounted
Integrierter Präsenzmelder	NONE
Allgemeine Anwendungsbereiche	Office, Education, Retail, Hospitality
Umgebungstemperaturbereich	5°C...+50°C
Virtual assistant compatibility	N/A
ETIM Klasse	EC002892
E-Nummer FI	4170654
Garantie	5 Jahre

Optische Daten

Leuchtenlichtstrom (lm)	2900
Systemeffizienz (lm/W)	112
Lichtfarbe	Warm White or Neutral White
Farbwiedergabeindex (Ra)	80
Farbkonsistenz (SDCM)	SDCM3
Ausstrahlungswinkel (°)	110
Distributionstyp	Symmetric
Blendungsbegrenzung	< 28
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	230

Elektrische Daten

Notbeleuchtungstyp	
Dauer Notbeleuchtung (h)	3
Leistungsaufnahme gesamt (W)	26
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Leistungsfaktor der Lampe	0.9
THD (bei 230V, 50Hz, bei 100% Dimm-Level)	15
Elektrische Schutzklasse	Class I
Vorschaltgerät benötigt	No
Betriebsgerätetyp	LED driver constant current
Dimmbar	Yes
Dimming method	DALI-2
Dimmbar bis (%)	1
Stromstärke (mA)	650
Einschaltstrom (A)	8.4
Dauer Einschaltstrom (µs)	170
Energy Efficiency Class (A->G) of contained light source	C
Nennfrequenz (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Anzahl Leuchten pro 10A C Sicherung	39
Max. Anzahl Leuchten pro 16A C Sicherung	63
Max. Anzahl Leuchten pro 10A B Sicherung	39

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Max. Anzahl Leuchten pro 16A B Sicherung	63
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	1.5
Lifetime data	
Lebensdauer - L70B50	100000
Lebensdauer - L80B50	100000
Lebensdauer - L90B50	50000
Physikalische Daten	
Gehäusefarbe	RAL 9011 - Graphite black
IP Schutzart	IP20
IK Schutzart	IK03
Diffusor	Opal
Diffusormaterial	PC Polycarbonate
Reflektoroberfläche	Not Applicable
Länge (mm)	1147
Breite (mm)	50
Nominale Produkthöhe (mm)	73
Gewicht (kg)	1.8

Packaging

EAN Code	5410288408019
Einzelverpackung Länge (cm)	122.0
Einzelverpackung Breite (cm)	6.1
Einzelverpackung Tiefe (cm)	7.8
DUN 14 (außen)	15410288408016
Anzahl an Einheiten je Außenverpackung	4
Außenverpackung Länge (cm)	124.0
Außenverpackung Breite (cm)	14.2
Außenverpackung Tiefe (cm)	19.4

Safety data

Glühdrahttest (°C)	650
Optimale Betriebstemperatur (°C)	5-50