

OTAO LINEAR 1.2 OPAL 830/840 DALI BK

Code article 0040801

SYLVANIA

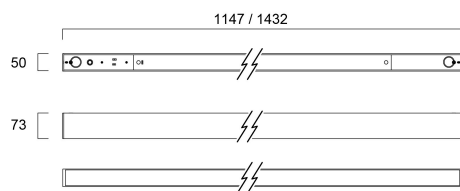
PROTM



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.

Atouts techniques

Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Illuminance [lx]
0.5	1.50	1.29	1.50	2.25	400
1.0	3.00	2.58	3.00	9.00	100
1.5	4.50	3.87	4.50	20.25	67
2.0	6.00	5.16	6.00	36.00	40
2.5	7.50	6.45	7.50	56.25	28
3.0	9.00	7.74	9.00	81.00	20

Distance [m] Cone diameter [m] Beam angle [°] Beam diameter [m] Beam area [m²] Illuminance [lx]

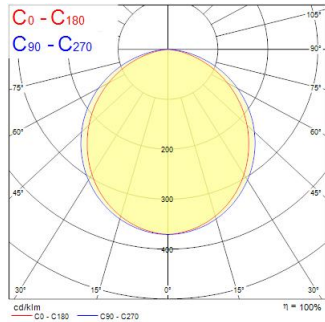
— C0 - C180 (Half beam angle: 104.4°)

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

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Données générales

Nom du produit	OTAO LINEAR 1.2 OPAL 830/840 DALI BK
Technologie	LED
Cap/Base	N/A
Housing	Aluminium
Montage	Ceiling recessed mounting, Ceiling surface mounting, Suspended, Wall surface mounted
Built in presence detector	NONE
General application	Office, Education
Operating temperature range (°C)	5°C...+50°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Numéro virtuel FI	4170654
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	2900
Luminaire efficacy (lm/W)	112
Couleur de lumière	Warm White or Neutral White
IRC (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
Emergency duration (h)	3

Caractéristiques électriques

Consommation électrique totale (W)	26
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 %	15.0
Electrical protection	Class I
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	650
Courant d'appel (A)	8.4
Inrush Duration (µs)	170
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
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

Durée de vie

Lifespan L70 B50	100000
Lifespan L80 B50	100000

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Données physiques

Housing colour	RAL 9011 - Graphite black
IP rating	IP20
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Finition réflecteur	Not Applicable
Longueur (mm)	1147
Largeur (mm)	50
Nominal Product Height (mm)	73
Poids (kg)	1.8

Emballage

Product EAN number	5410288408019
Longueur simple de l'emballage (cm)	122.0
Largeur simple de l'emballage (cm)	6.1
Packaging single depth (cm)	7.8
DUN14 (inner)	15410288408016
Units per outer package	4
Packaging outer length / height (cm)	124.0
Packaging outer width (cm)	14.2
Packaging outer depth (cm)	19.4

Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	5-50