

# OTAO LINEAR 1.2 REF BLK 830/840 DALI WH

Artikelnummer 0041824

**SYLVANIA**

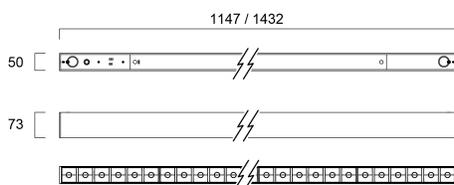
**PRO**<sup>TM</sup>



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 black 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: 3350lm @ 4000K CCT, efficacy at max output 140lm/W, additional 2-steps power dip switch when indirect module added (34-36W), max system power in D/I combination: 36W, max fixture output: 4900lm @ 4000K CCT, efficacy at max output 136lm/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

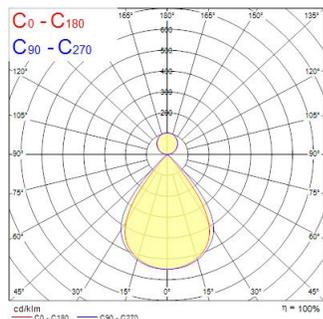
Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.83 0.72	E171 10796 E180 2465 E189 2917
1.0	1.65 1.44	E171 2699 E180 616 E189 739
1.5	2.48 2.16	E171 1199 E180 274 E189 324
2.0	3.31 2.87	E171 679 E180 154 E189 182
2.5	4.14 3.59	E171 432 E180 99 E189 117
3.0	4.96 4.31	E171 300 E180 66 E189 81

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 71.4°)  
 — C90 - C270 (Half beam angle: 79.2°)

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## Allgemeine Daten

Produktname	OTAO LINEAR 1.2 REF BLK 830/840 DALI WH
Technologie	LED
Sockel	N/A
Gehäuse	Aluminium
Montage	Ceiling recessed mounting, Ceiling surface mounting, Suspended, Wall surface mounted
Built in presence detector	NONE
Allgemeine Anwendungsbereiche	Office, Education
Umgebungstemperaturbereich	5°C...+50°C
Virtual assistant compatibility	N/A
ETIM Klasse	EC002892
E-Nummer FI	4170592
Garantie	5 Jahre

## Optische Daten

Leuchtenlichtstrom (lm)	3350
Systemeffizienz (lm/W)	140
Lichtfarbe	Warm White or Neutral White
Farbwiedergabeindex (Ra)	80
Farbkonsistenz (SDCM)	SDCM3
Ausstrahlungswinkel (°)	80
Distributionstyp	Symmetric
Blendungsbegrenzung	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	350
Dauer Notbeleuchtung (h)	3

## Elektrische Daten

Leistungsaufnahme gesamt (W)	24
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)	15.0
Elektrische Schutzklasse	Class I
Betriebsgerätetyp	LED driver constant current
Dimmbar	Yes
Dimming method	DALI-2
Stromstärke (mA)	600
Einschaltstrom (A)	8.4
Dauer Einschaltstrom (µs)	170
Energy Efficiency Class (A->G) of contained light source	D
Nennfrequenz (Hz)	50/60Hz
Max. Anzahl Leuchten pro 10A C Sicherung	39
Max. Anzahl Leuchten pro 16A C Sicherung	63
Max. Anzahl Leuchten pro 10A B Sicherung	39
Max. Anzahl Leuchten pro 16A B Sicherung	63
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

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## Lifetime data

Lebensdauer - L70B50	100000
Lebensdauer - L80B50	100000

## Physikalische Daten

Gehäusefarbe	RAL 9003 - Signal white
IP Schutzart	IP20
IK Schutzart	IK03
Diffusor	Other
Diffusormaterial	Other
Reflektoroberfläche	Not Applicable
Länge (mm)	1147
Breite (mm)	50
Nominale Produkthöhe (mm)	73
Gewicht (kg)	1.9

## Packaging

EAN Code	5410288418247
Einzelverpackung Länge (cm)	122.0
Einzelverpackung Breite (cm)	6.1
Einzelverpackung Tiefe (cm)	7.8
DUN 14 (außen)	15410288418244
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