

# OTAO LINEAR 1.2 REF WHT 830/840 DALI WH

Artikelnummer 0041805

**SYLVANIA**

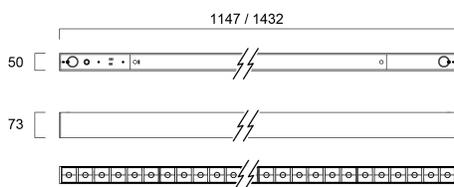
**PRO**<sup>TM</sup>



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 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.

## Technische Werte

### Größe (mm)



### Photometrie

0.5	0.81 0.74	E(0°) E(C0) 38.9° E(C90) 38.4°	1130 287 268
1.0	1.61 1.47	E(0°) E(C0) 38.9° E(C90) 38.4°	270 68 77
1.5	2.42 2.21	E(0°) E(C0) 38.9° E(C90) 38.4°	120 23 33
2.0	3.23 2.95	E(0°) E(C0) 38.9° E(C90) 38.4°	66 13 12
2.5	4.03 3.68	E(0°) E(C0) 38.9° E(C90) 38.4°	44 9 11
3.0	4.84 4.42	E(0°) E(C0) 38.9° E(C90) 38.4°	30 7 11

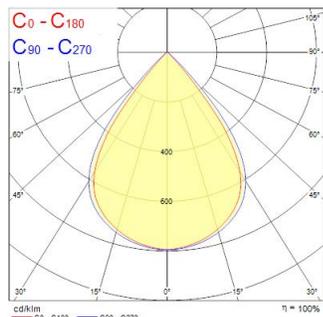
Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 72.8°)  
— C90 - C270 (Half beam angle: 77.8°)

# OTAO LINEAR 1.2 REF WHT 830/840 DALI WH

Artikelnummer 0041805

**SYLVANIA**



## Allgemeine Daten

Produktname	OTAO LINEAR 1.2 REF WHT 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	4170590
Garantie	5 Jahre

## Optische Daten

Leuchtenlichtstrom (lm)	3500
Systemeffizienz (lm/W)	146
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 (mm²)	0.75
Connectable conductor cross section - Max (mm²)	1.5

# OTAO LINEAR 1.2 REF WHT 830/840 DALI WH

Artikelnummer 0041805

**SYLVANIA**

## Lifetime data

Lebensdauer - L70B50	100000
Lebensdauer - L80B50	100000
Lebensdauer - L90B50	58000

## 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	5410288418056
Einzelverpackung Länge (cm)	122.0
Einzelverpackung Breite (cm)	6.1
Einzelverpackung Tiefe (cm)	7.8
DUN 14 (außen)	15410288418053
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