



## Features

- 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, 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: 3250lm @ 4000K CCT, efficacy at max output 125lm/W, additional 2-steps power dip switch when indirect module added (36-39W), max system power in D/I combination: 39W, max fixture output: 4850lm @ 4000K CCT, efficacy at max output 124lm/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.

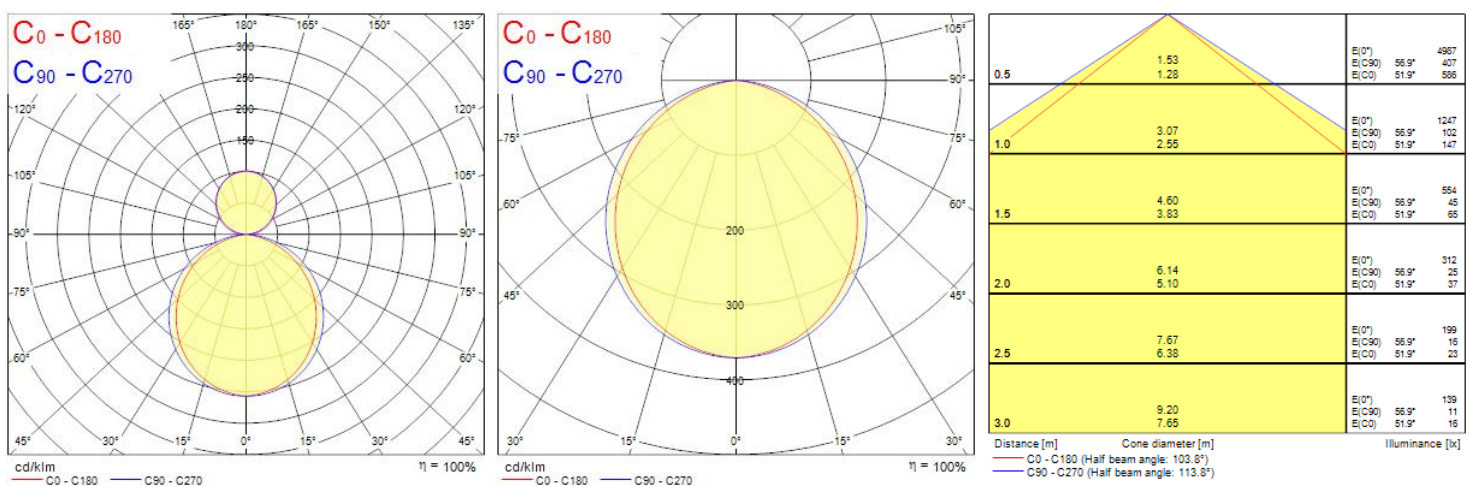
## Product Overview

<b>Product name</b>	OTAO LINEAR 1.2 OPAL 830/840 DALI WH
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	Aluminium
<b>Mount</b>	Ceiling recessed mounting, Ceiling surface mounting, Suspended, Wall surface mounted
<b>General application</b>	Office, Education

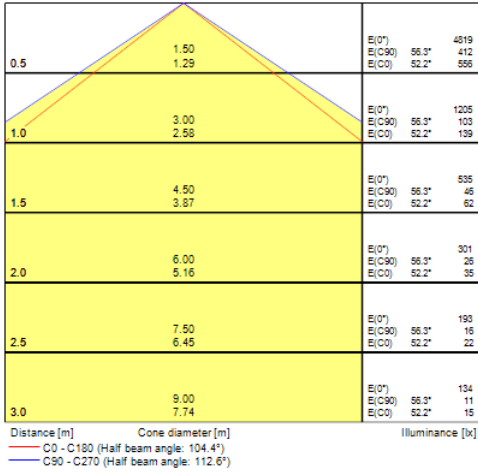
## OTAO LINEAR 1.2 OPAL 830/840 DALI WH 0041801

ETIM Class	EC002892
E-number FI	4170586
Fixture luminous flux (lm)	3250
Luminaire efficacy (lm/W)	125
Correlated colour temperature (k)	4000
Light colour	Warm White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	110
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	26
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	RAL9003
IP rating	IP20
IK rating	IK03
Product EAN number	5410288418018
Warranty	5 years
Dimming method	DALI-2

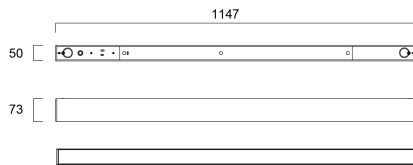
## Photometry



## OTAO LINEAR 1.2 OPAL 830/840 DALI WH 0041801



## Technical drawings



## Data table

### GENERAL DATA

<b>Product name</b>	OTAO LINEAR 1.2 OPAL 830/840 DALI WH
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	Aluminium
<b>Mount</b>	Ceiling recessed mounting, Ceiling surface mounting, Suspended, Wall surface mounted
<b>General application</b>	Office, Education
<b>Operating temperature range (°C)</b>	5°C...+50°C
<b>ETIM Class</b>	EC002892
<b>E-number FI</b>	4170586

## OTAO LINEAR 1.2 OPAL 830/840 DALI WH 0041801

Warranty	5 years
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### OPTICAL DATA

Fixture luminous flux (lm)	3250
Luminaire efficacy (lm/W)	125
Correlated colour temperature (k)	4000
Light colour	Warm White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0
Emergency duration (h)	3

### ELECTRICAL DATA

Total power consumption (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
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
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
Max. products per 10A C Breaker	39

## OTAO LINEAR 1.2 OPAL 830/840 DALI WH 0041801

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 (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

### LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L90 B50	48000

### PHYSICAL DATA

Housing colour	RAL9003
IP rating	IP20
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1147
Nominal Product Width (mm)	50
Nominal Product Height (mm)	73
Weight (kg)	1.8

### PACKAGING

Product EAN number	5410288418018
Packaging single length / height (cm)	122.0
Packaging single width (cm)	6.1
Packaging single depth (cm)	7.8
DUN14 (inner)	15410288418015
Units per outer package	4
Packaging outer length / height (cm)	124.0
Packaging outer width (cm)	14.2
Packaging outer depth (cm)	19.4

## SAFETY DATA

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<b>Glow Wire Test (°C)</b>	650
<b>Optimal operating condition (°C)</b>	5-50
<b>Special purpose lamp</b>	No
<b>Dry applications use only</b>	No
<b>Suitable for household illumination</b>	No