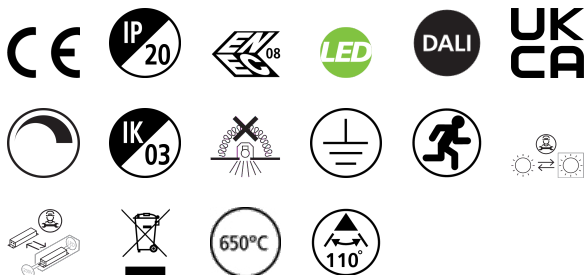


# OTAO LINEAR 1.2 OPAL 830/840 DALI WH

Code article 0041801

**SYLVANIA**

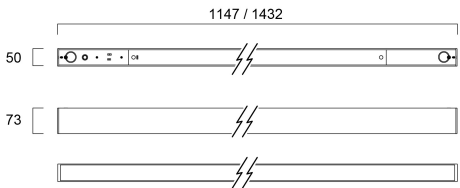
**PRO**<sup>TM</sup>



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, 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.

## Atouts techniques

### Dimensions (mm)



### Photométrie

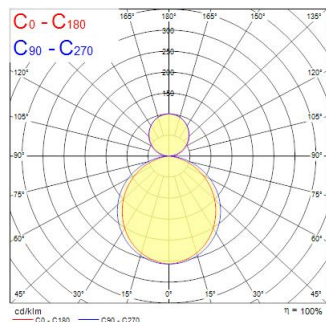
| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|------------------|
| 0.5          | 1.53<br>1.28      | 5071<br>4971     |
| 1.0          | 3.07<br>2.56      | 1247<br>123      |
| 1.5          | 4.60<br>3.83      | 594<br>48        |
| 2.0          | 6.14<br>5.12      | 312<br>23        |
| 2.5          | 7.67<br>6.38      | 198<br>16        |
| 3.0          | 9.20<br>7.65      | 139<br>11        |

Distance [m] Cone diameter [m] Illuminance [lx]  
— C0 - C180 (Half beam angle: 103.9°)  
— C90 - C270 (Half beam angle: 113.9°)

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## Données générales

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| Nom du produit                   | OTAO LINEAR 1.2 OPAL 830/840 DALI WH                                                 |
| 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                | 4170586                                                                              |
| Warranty                         | 5 ans                                                                                |

## Données optiques

|                                 |                             |
|---------------------------------|-----------------------------|
| Fixture luminous flux (lm)      | 3250                        |
| Luminaire efficacy (lm/W)       | 125                         |
| 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                         |

# OTAO LINEAR 1.2 OPAL 830/840 DALI WH

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## Durée de vie

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 100000 |
| Lifespan L90 B50 | 48000  |

## Données physiques

|                             |                         |
|-----------------------------|-------------------------|
| Housing colour              | RAL 9003 - Signal white |
| 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                   | 5410288418018  |
| Longueur simple de l'emballage (cm)  | 122.0          |
| Largeur simple de l'emballage (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           |

## Sécurité

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