

# OTAO LINEAR 1.2 REF BLK 830/840 MP WH

Artikelnummer 0041823

**SYLVANIA**

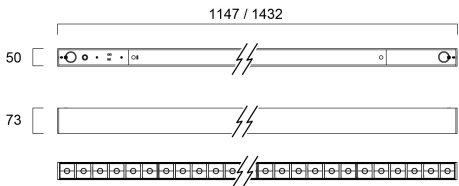
**PRO**<sup>TM</sup>



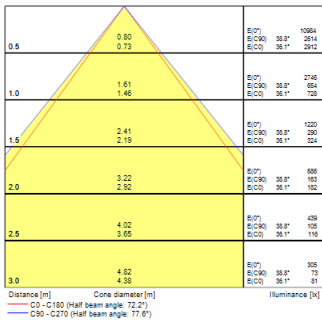
Linear LED Luminaire, RAL9003 (white) finishing, direct distribution, standard surface mounted version complete with end caps and surface brackets, additional mounting options with accessories, 50mm wide extruded aluminium profile, lenses combined with black painted reflector, ideal for offices, meeting 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), non-dimmable 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)

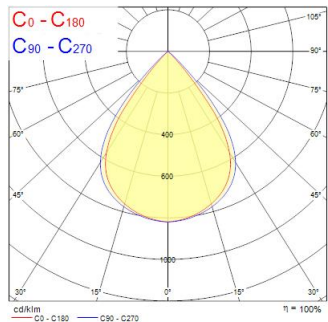


### Photometrie



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## Allgemeine Daten

|                                 |                                                                                      |
|---------------------------------|--------------------------------------------------------------------------------------|
| Produktname                     | OTAO LINEAR 1.2 REF BLK 830/840 MP WH                                                |
| Technologie                     | LED                                                                                  |
| Sockel                          | N/A                                                                                  |
| Gehäuse                         | Aluminium                                                                            |
| Montage                         | Ceiling recessed mounting, Ceiling surface mounting, Suspended, Wall surface mounted |
| Integrierter Präsenzmelder      | NONE                                                                                 |
| Allgemeine Anwendungsbereiche   | Office, Education, Retail, Hospitality                                               |
| Umgebungstemperaturbereich      | 5°C...+50°C                                                                          |
| Virtual assistant compatibility | N/A                                                                                  |
| ETIM Klasse                     | EC002892                                                                             |
| E-Nummer FI                     | 4170591                                                                              |
| 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) | 310                         |

## Elektrische Daten

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Notbeleuchtungstyp                                       |                             |
| Dauer Notbeleuchtung (h)                                 | 3                           |
| 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                          |
| Elektrische Schutzklasse                                 | Class I                     |
| Vorschaltgerät benötigt                                  | No                          |
| Betriebsgerätetyp                                        | LED driver constant current |
| Dimmbar                                                  | No                          |
| Dimming method                                           | N/A                         |
| Stromstärke (mA)                                         | 600                         |
| Einschaltstrom (A)                                       | 7.2                         |
| Dauer Einschaltstrom (µs)                                | 190                         |
| Energy Efficiency Class (A->G) of contained light source | D                           |
| Nennfrequenz (Hz)                                        | 50/60Hz                     |
| LED Flickering Rate                                      | Ultra low (5% or less)      |
| Max. Anzahl Leuchten pro 10A C Sicherung                 | 39                          |
| Max. Anzahl Leuchten pro 16A C Sicherung                 | 62                          |
| Max. Anzahl Leuchten pro 10A B Sicherung                 | 39                          |
| Max. Anzahl Leuchten pro 16A B Sicherung                 | 62                          |

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|                                                 |      |
|-------------------------------------------------|------|
| Connectable conductor cross section - Min (mm²) | 0.75 |
| Connectable conductor cross section - Max (mm²) | 1.5  |

## Lifetime data

|                      |        |
|----------------------|--------|
| Lebensdauer - L70B50 | 100000 |
| Lebensdauer - L80B50 | 100000 |
| Lebensdauer - L90B50 | 60000  |

## 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)              | 1.85                    |

## Packaging

|                                        |                |
|----------------------------------------|----------------|
| EAN Code                               | 5410288418230  |
| Einzelverpackung Länge (cm)            | 122.0          |
| Einzelverpackung Breite (cm)           | 6.1            |
| Einzelverpackung Tiefe (cm)            | 7.8            |
| DUN 14 (außen)                         | 15410288418237 |
| 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 |