

## Maxos universal

10354024



## Simple conversion to LED

Maxos universal is an adaptable LED luminaire that is designed to retrofit a fluorescent Lightline to a LED light line. The conversion can be smoothly integrated into the existing backbone and comes with dedicated accessories like blind unit & through wiring. The portfolio boasts efficacy up to 168lm/W and lumen maintenance at 50k hours of L90.

### Benefits

- Simple conversion from fluorescent to LED
- Dedicated blind unit and through wiring accessories to help complete the full line

### Applications

- (Food) retail
- Industrial halls/areas
- Warehouses/distribution centres

### Features

- Universal retrofit panel 1,5m
- high efficacy up to 168lm/W
- WB optics
- PSU and PSD versions
- Dedicated mechanical springs to fit onto the existing backbone

Versions

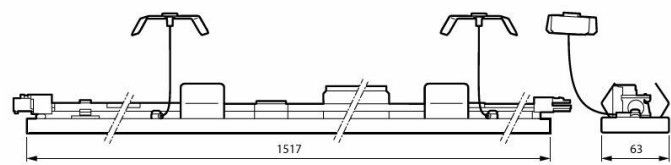


Maxos universal panel PSD



PCO Maxos universal

Dimensional drawing



LL512S LED61/840 PSD O-PC UNIV TW3 WH

Product details



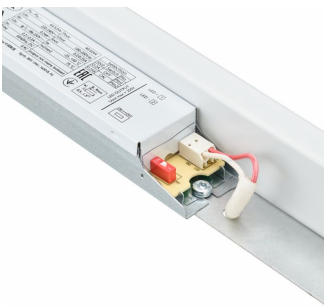
Maxos universal panel  
Through wiring



Maxos universal panel  
springs



Maxos universal panel phase  
selector



Maxos universal panel dip  
switch

General Information

|                      |      |
|----------------------|------|
| Number of gear units | Unit |
| Driver included      | Yes  |
| Service Tag          | Yes  |

## Light Technical

|                                     |               |
|-------------------------------------|---------------|
| Correlated Colour Temperature (Nom) | 4000 K        |
| Colour rendering index (CRI)        | >80           |
| Beam angle of light source          | 120 degree(s) |

## Operating and Electrical

|                               |                |
|-------------------------------|----------------|
| Input Voltage                 | 220-240 V      |
| Line Frequency                | 50 to 60 Hz    |
| Suitable for random switching | Not applicable |
| Protection class IEC          | Safety class I |

## Controls and Dimming

|                   |    |
|-------------------|----|
| Maximum dim level | 1% |
|-------------------|----|

## Mechanical and Housing

|                              |                         |
|------------------------------|-------------------------|
| Housing Colour               | White                   |
| Ingress protection code      | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard]   |

## Emergency Operation

|                   |    |
|-------------------|----|
| Central Emergency | No |
|-------------------|----|

## Approval and Application

|                           |                                             |
|---------------------------|---------------------------------------------|
| Glow-wire test            | Temperature 850 °C, duration 30 s           |
| Flammability mark         | For mounting on normally flammable surfaces |
| CE mark                   | Yes                                         |
| Flickering value (PstLM)  | 1                                           |
| Stroboscopic effect       | 0.4                                         |
| Ambient temperature range | -20 to +35 °C                               |

## Initial Performance (IEC Compliant)

|                         |                      |
|-------------------------|----------------------|
| Luminous flux tolerance | +/-7%                |
| Initial chromaticity    | (0.34. 0.35) SDCM <3 |

## Product Data

|                     |                                              |
|---------------------|----------------------------------------------|
| Product family code | LL515S [MAXOS FUSION Universal Retrofit Pan] |
|---------------------|----------------------------------------------|

## Light Technical

| Order Code   | Full Product Name                        | Luminous Flux | Luminous efficacy (rated) (nom.) | Optic type |
|--------------|------------------------------------------|---------------|----------------------------------|------------|
| 910925869511 | LL515S 42S/840 PSD WB UNIV TW3 WH        | 4,200 lm      | 168 lm/W                         | Wide beam  |
| 910925869513 | LL515S 80S/840 PSD WB UNIV TW3 WH        | 8,000 lm      | 160 lm/W                         | Wide beam  |
| 910925870068 | LL515S 36S/840 PSD O-PC UNIV TW3 WH      | 3,550 lm      | 137 lm/W                         | Opal       |
| 910925870069 | LL515S 27_33_40_47S/840O-PCPSU UNIVTW3WH | 4,700 lm      | 140 lm/W                         | Opal       |
| 910925870072 | LL515S 68S/840 PSD O-PC UNIV TW3 WH      | 6,800 lm      | 140 lm/W                         | Opal       |
| 910925870119 | LL512S LED61/840 PSD O-PC UNIV TW3 WH    | 5,200 lm      | 141 lm/W                         | Opal       |

## Operating and Electrical

| Order Code   | Full Product Name                        | Power Consumption |
|--------------|------------------------------------------|-------------------|
| 910925869511 | LL515S 42S/840 PSD WB UNIV TW3 WH        | 25 W              |
| 910925869513 | LL515S 80S/840 PSD WB UNIV TW3 WH        | 50 W              |
| 910925870068 | LL515S 36S/840 PSD O-PC UNIV TW3 WH      | 26 W              |
| 910925870069 | LL515S 27_33_40_47S/840O-PCPSU UNIVTW3WH | 33.5 W            |
| 910925870072 | LL515S 68S/840 PSD O-PC UNIV TW3 WH      | 48.5 W            |
| 910925870119 | LL512S LED61/840 PSD O-PC UNIV TW3 WH    | 37 W              |

## Controls and Dimming

| Order Code   | Full Product Name                        | Dimmable |
|--------------|------------------------------------------|----------|
| 910925869511 | LL515S 42S/840 PSD WB UNIV TW3 WH        | Yes      |
| 910925869513 | LL515S 80S/840 PSD WB UNIV TW3 WH        | Yes      |
| 910925870068 | LL515S 36S/840 PSD O-PC UNIV TW3 WH      | Yes      |
| 910925870069 | LL515S 27_33_40_47S/840O-PCPSU UNIVTW3WH | No       |
| 910925870072 | LL515S 68S/840 PSD O-PC UNIV TW3 WH      | Yes      |
| 910925870119 | LL512S LED61/840 PSD O-PC UNIV TW3 WH    | Yes      |

## Approval and Application

| Order Code   | Full Product Name                        | ENEC mark |
|--------------|------------------------------------------|-----------|
| 910925869511 | LL515S 42S/840 PSD WB UNIV TW3 WH        | -         |
| 910925869513 | LL515S 80S/840 PSD WB UNIV TW3 WH        | -         |
| 910925870068 | LL515S 36S/840 PSD O-PC UNIV TW3 WH      | ENEC mark |
| 910925870069 | LL515S 27_33_40_47S/840O-PCPSU UNIVTW3WH | ENEC mark |
| 910925870072 | LL515S 68S/840 PSD O-PC UNIV TW3 WH      | ENEC mark |
| 910925870119 | LL512S LED61/840 PSD O-PC UNIV TW3 WH    | ENEC mark |