



# Maxos LED Industry 4MX400 panel inserts for TTX400 – efficiency champion with great payback

## Maxos LED inserts for TTX400

Customers in the industrial and retail sectors are looking for general lighting solutions with a justifiable payback, while meeting all relevant norms for supermarkets and industry applications. For a limited investment, Maxos LED inserts for TTX400 offer best-in-class energy savings while delivering high lux levels at the required colour temperatures and glare factors. The minimalistic Maxos LED Industry 4MX400 panel inserts for TTX400 comprise exchangeable mid-power LED boards to be mounted on a standard TTX400 trunking rail. A choice of wide, medium and double asymmetric beam lenses means flexibility in light distribution. Compared with a conventional fluorescent installation, this highly efficient LED solution offers full payback in less than three years. And the benefits keep coming: our upgradable LED engine platform makes Maxos LED Industry 4MX400 panel inserts for TTX400 a truly future-proof solution.

### Benefits

- Substantial energy savings for a limited investment
- Comfortable light, long lifetime
- Compatibility with proven TTX400 trunking system

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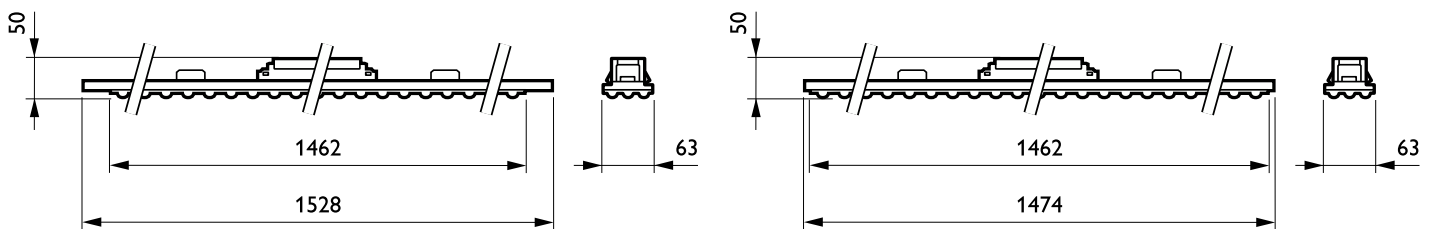
## Features

- Mid-power LED boards; exchangeable LED unit
- Up to 165 lm/W efficiency
- LED gear trays for T5 and TL-D-length trunkings (high lumen output); replacement LED gear trays with same lumen packages as installed T5 and TL-D solutions (lower wattage)
- Choice of medium, wide and double asymmetric beam lenses
- Compatible with our standard TTX400 rails for TL5 49 W and TL-D 58 W lengths

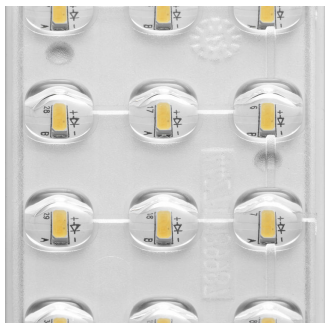
## Application

- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers, showrooms

## Dimensional drawing



## Product details



IPDP\_4MX400i\_0003-Detail  
photo



IPDP\_4MX400i\_0005-Detail  
photo

Maxos LED inserts for TTX400

| General Information                 |                                    |
|-------------------------------------|------------------------------------|
| Driver included                     | Yes                                |
| Gear                                | -                                  |
| Light source replaceable            | No                                 |
| Number of gear units                | Unit                               |
| Service Tag                         | Yes                                |
| Light Technical                     |                                    |
| Beam angle of light source          | 120 degree(s)                      |
| Colour rendering index (CRI)        | >80                                |
| Number of light sources             | 1                                  |
| Operating and Electrical            |                                    |
| Protection class IEC                | Safety class I                     |
| Input Voltage                       | 220-240 V                          |
| Line Frequency                      | 50 to 60 Hz                        |
| Suitable for random switching       | Not applicable                     |
| Controls and Dimming                |                                    |
| Dimmable                            | Yes                                |
| Maximum dim level                   | 1%                                 |
| Mechanical and Housing              |                                    |
| Optical cover type                  | Polymethyl methacrylate bowl/cover |
| Housing Colour                      | White                              |
| Mech. impact protection code        | IK02                               |
| Ingress protection code             | IP20                               |
| Approval and Application            |                                    |
| Ambient temperature range           | -20 to +35 °C                      |
| CE mark                             | Yes                                |
| ENEC mark                           | ENEC mark                          |
| Flammability mark                   | -                                  |
| Glow-wire test                      | Temperature 650 °C, duration 30 s  |
| Initial Performance (IEC Compliant) |                                    |
| Luminous flux tolerance             | +/-10%                             |
| Product Data                        |                                    |
| Product family code                 | 4MX400                             |

General Information

| Order Code | Full Product Name               | Lamp family code |
|------------|---------------------------------|------------------|
| 66242599   | 4MX400 491 LED40S/830 PSD WB WH | LED40S           |
| 66243299   | 4MX400 491 LED40S/840 PSD NB WH | LED40S           |
| 66244999   | 4MX400 491 LED40S/840 PSD WB WH | LED40S           |
| 66246399   | 4MX400 491 LED55S/830 PSD WB WH | LED55S           |
| 66247099   | 4MX400 491 LED55S/840 PSD NB WH | LED55S           |
| 66248799   | 4MX400 491 LED55S/840 PSD WB WH | LED55S           |
| 66249499   | 4MX400 581 LED40S/830 PSD NB WH | LED40S           |
| 66252499   | 4MX400 581 LED40S/840 PSD WB WH | LED40S           |
| 66255599   | 4MX400 581 LED55S/840 PSD NB WH | LED55S           |
| 66256299   | 4MX400 581 LED55S/840 PSD WB WH | LED55S           |
| 66251799   | 4MX400 581 LED40S/840 PSD NB WH | LED40S           |
| 66254899   | 4MX400 581 LED55S/830 PSD WB WH | LED55S           |
| 67275299   | 4MX400 581 LED80S/840 PSD NB WH | LED80S           |
| 67280699   | 4MX400 581 LED80S/840 PSD WB WH | LED80S           |

Light Technical

|            |                                 | Correlated Colour Temperature (Nom) | Luminous efficacy (rated) (nom.) | Luminous Flux | Optic type |
|------------|---------------------------------|-------------------------------------|----------------------------------|---------------|------------|
| Order Code | Full Product Name               |                                     |                                  |               |            |
| 66242599   | 4MX400 491 LED40S/830 PSD WB WH | 3000 K                              | 166 lm/W                         | 4,000 lm      | Wide beam  |

|            |                                 | Correlated Colour Temperature (Nom) | Luminous efficacy (rated) (nom.) | Luminous Flux | Optic type  |
|------------|---------------------------------|-------------------------------------|----------------------------------|---------------|-------------|
| Order Code | Full Product Name               |                                     |                                  |               |             |
| 66243299   | 4MX400 491 LED40S/840 PSD NB WH | 4000 K                              | 166 lm/W                         | 4,000 lm      | Narrow beam |

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| Order Code | Full Product Name               | Correlated Colour Temperature (Nom) | Luminous efficacy (rated) (nom.) | Luminous Flux | Optic type  |
|------------|---------------------------------|-------------------------------------|----------------------------------|---------------|-------------|
|            |                                 |                                     |                                  |               |             |
| 66244999   | 4MX400 491 LED40S/840 PSD WB WH | 4000 K                              | 166 lm/W                         | 4,000 lm      | Wide beam   |
| 66246399   | 4MX400 491 LED55S/830 PSD WB WH | 3000 K                              | 169 lm/W                         | 5,200 lm      | Wide beam   |
| 66247099   | 4MX400 491 LED55S/840 PSD NB WH | 4000 K                              | 169 lm/W                         | 5,500 lm      | Narrow beam |
| 66248799   | 4MX400 491 LED55S/840 PSD WB WH | 4000 K                              | 169 lm/W                         | 5,500 lm      | Wide beam   |
| 66249499   | 4MX400 581 LED40S/830 PSD NB WH | 3000 K                              | 166 lm/W                         | 4,000 lm      | Narrow beam |
| 66252499   | 4MX400 581 LED40S/840 PSD WB WH | 4000 K                              | 166 lm/W                         | 4,000 lm      | Wide beam   |

| Order Code | Full Product Name               | Correlated Colour Temperature (Nom) | Luminous efficacy (rated) (nom.) | Luminous Flux | Optic type  |
|------------|---------------------------------|-------------------------------------|----------------------------------|---------------|-------------|
|            |                                 |                                     |                                  |               |             |
| 66255599   | 4MX400 581 LED55S/840 PSD NB WH | 4000 K                              | 169 lm/W                         | 5,500 lm      | Narrow beam |
| 66256299   | 4MX400 581 LED55S/840 PSD WB WH | 4000 K                              | 169 lm/W                         | 5,500 lm      | Wide beam   |
| 66251799   | 4MX400 581 LED40S/840 PSD NB WH | 4000 K                              | 166 lm/W                         | 4,000 lm      | Narrow beam |
| 66254899   | 4MX400 581 LED55S/830 PSD WB WH | 3000 K                              | 169 lm/W                         | 5,500 lm      | Wide beam   |
| 67275299   | 4MX400 581 LED80S/840 PSD NB WH | 4000 K                              | 166 lm/W                         | 8,000 lm      | Narrow beam |
| 67280699   | 4MX400 581 LED80S/840 PSD WB WH | 4000 K                              | 166 lm/W                         | 8,000 lm      | Wide beam   |

Operating and Electrical

| Order Code | Full Product Name               | Power Consumption |
|------------|---------------------------------|-------------------|
| 66242599   | 4MX400 491 LED40S/830 PSD WB WH | 24 W              |
| 66243299   | 4MX400 491 LED40S/840 PSD NB WH | 24 W              |
| 66244999   | 4MX400 491 LED40S/840 PSD WB WH | 24 W              |
| 66246399   | 4MX400 491 LED55S/830 PSD WB WH | 32.5 W            |
| 66247099   | 4MX400 491 LED55S/840 PSD NB WH | 32.5 W            |
| 66248799   | 4MX400 491 LED55S/840 PSD WB WH | 32.5 W            |
| 66249499   | 4MX400 581 LED40S/830 PSD NB WH | 24 W              |

| Order Code | Full Product Name               | Power Consumption |
|------------|---------------------------------|-------------------|
| 66252499   | 4MX400 581 LED40S/840 PSD WB WH | 24 W              |
| 66255599   | 4MX400 581 LED55S/840 PSD NB WH | 32.5 W            |
| 66256299   | 4MX400 581 LED55S/840 PSD WB WH | 32.5 W            |
| 66251799   | 4MX400 581 LED40S/840 PSD NB WH | 24 W              |
| 66254899   | 4MX400 581 LED55S/830 PSD WB WH | 32.5 W            |
| 67275299   | 4MX400 581 LED80S/840 PSD NB WH | 48 W              |
| 67280699   | 4MX400 581 LED80S/840 PSD WB WH | 48 W              |

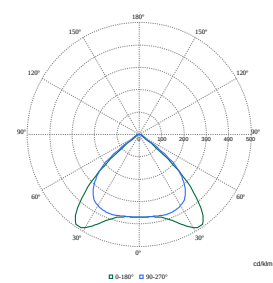
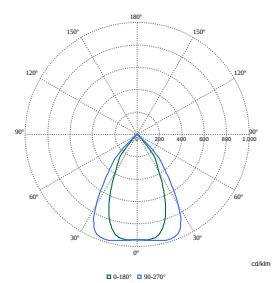
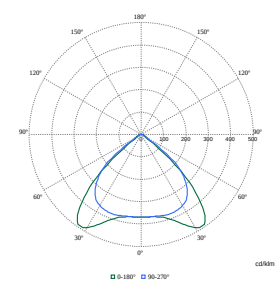
Initial Performance (IEC Compliant)

| Order Code | Full Product Name               | Initial chromaticity   |
|------------|---------------------------------|------------------------|
| 66242599   | 4MX400 491 LED40S/830 PSD WB WH | (0.43, 0.40) SDCM <3.5 |
| 66243299   | 4MX400 491 LED40S/840 PSD NB WH | (0.38, 0.38) SDCM <3.5 |
| 66244999   | 4MX400 491 LED40S/840 PSD WB WH | (0.38, 0.38) SDCM <3.5 |
| 66246399   | 4MX400 491 LED55S/830 PSD WB WH | (0.43, 0.40) SDCM <3.5 |
| 66247099   | 4MX400 491 LED55S/840 PSD NB WH | (0.38, 0.38) SDCM <3.5 |
| 66248799   | 4MX400 491 LED55S/840 PSD WB WH | (0.38, 0.38) SDCM <3.5 |
| 66249499   | 4MX400 581 LED40S/830 PSD NB WH | (0.43, 0.40) SDCM <3.5 |

| Order Code | Full Product Name               | Initial chromaticity   |
|------------|---------------------------------|------------------------|
| 66252499   | 4MX400 581 LED40S/840 PSD WB WH | (0.38, 0.38) SDCM <3.5 |
| 66255599   | 4MX400 581 LED55S/840 PSD NB WH | (0.38, 0.38) SDCM <3.5 |
| 66256299   | 4MX400 581 LED55S/840 PSD WB WH | (0.38, 0.38) SDCM <3.5 |
| 66251799   | 4MX400 581 LED40S/840 PSD NB WH | (0.38, 0.38) SDCM <3.5 |
| 66254899   | 4MX400 581 LED55S/830 PSD WB WH | (0.43, 0.40) SDCM <3.5 |
| 67275299   | 4MX400 581 LED80S/840 PSD NB WH | (0.38, 0.38) SDCM <3.5 |
| 67280699   | 4MX400 581 LED80S/840 PSD WB WH | (0.38, 0.38) SDCM <3.5 |

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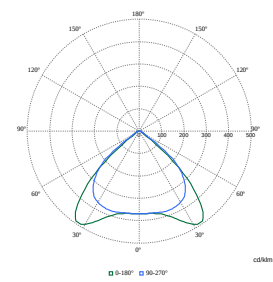
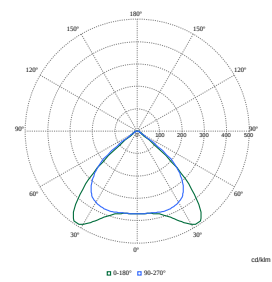
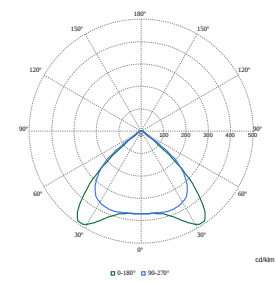
Polar Wide Diagrams



Polar Normal (separate) - 4MX400I - 910629123726

Polar Normal (separate) - 4MX400I - 910629124026

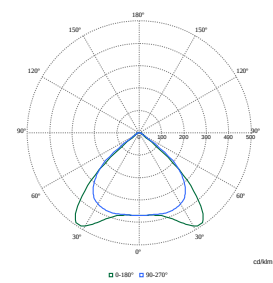
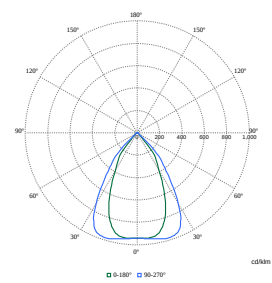
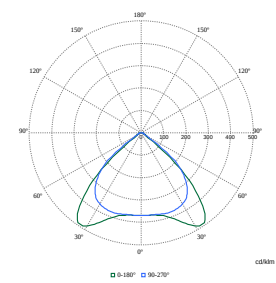
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Polar Normal (separate) - 4MX400I - 910629124326

Polar Normal (separate) - 4MX400I - 910629123926

Polar Normal (separate) - 4MX400I - 910629167326



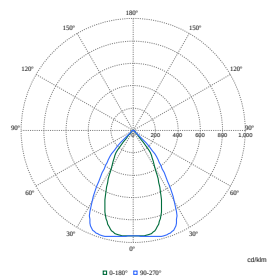
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Polar Normal (separate) - 4MX400I - 910629124626

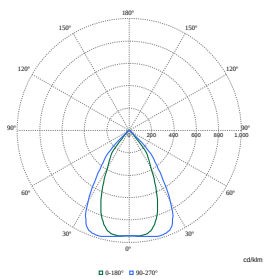
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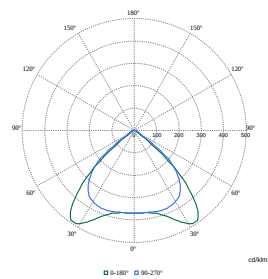
## Polar Wide Diagrams



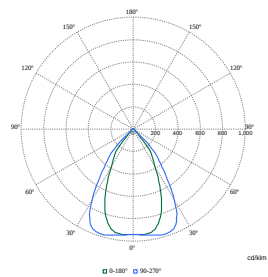
**Polar Normal (separate) - 4MX400I - 910629124226**



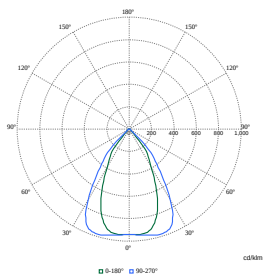
**Polar Normal (separate) - 4MX400I - 910629123426**



**Polar Normal (separate) - 4MX400I - 910629124526**



**Polar Normal (separate) - 4MX400I - 910629123826**



**Polar Normal (separate) - 4MX400I - 910629166826**

