

INDO Products – Retrofit Specifications

T8XE



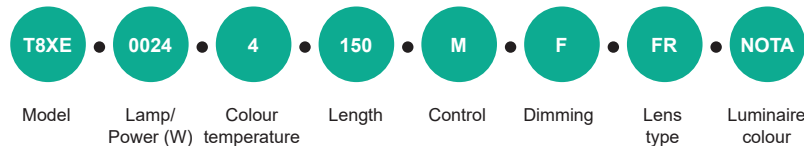
Features

- ⊙ Direct lamp retrofit
- ⊙ Integrated motion sensor
- ⊙ Efficient thermal management
- ⊙ High output LEDs

Applications

- ⊙ Car Parks
- ⊙ Subways
- ⊙ Tunnels
- ⊙ Warehousing
- ⊙ Facilities

INDO code explained



Stocked product code

T8XE • 0024 • 4 • 150 • M • F • FR • NOTA

This product code is held in stock and has, on average, a shorter lead time.

Product codes – please choose your specifications

| Model | Product code | Lamp / Power (W) | Product code | Length | Product code |
|-----------------|--------------|------------------|--------------|-------------|--------------|
| T8 LED Retrofit | T8XE | 11W | 0011 | 600mm Long | 060 |
| | | 17W | 0017 | 900mm Long | 090 |
| | | 20W | 0020 | 1200mm Long | 120 |
| | | 24W | 0024 | 1500mm Long | 150 |

| Colour temperature | Product code | Control | Product code | Dimming | Product code | Lens type | Product code |
|--------------------|--------------|---------|--------------|---------|--------------|------------|--------------|
| 3000K | 3 | Mains | M | Fixed | F | Clear PC | CL |
| 4000K | 4 | | | | | Frosted PC | FR |
| 5000K | 5 | | | | | | |

| Luminaire colour (RAL) | Product code |
|------------------------|--------------|
| Not Applicable | NOTA |

T8XE Product Overview

The INDO T8XE combines the latest in LED lamp retrofit technology with an integrated motion sensor for smart control. The lamp operates in two modes - dimmed to 20% and full output. When motion is detected in the area the lamp will maintain full brightness, and following 1 minute of inactivity the unit will automatically dim down to 20% brightness.

Savings are realised from the upgrade to efficient LED technology and also due to the reduced power consumption while the area is unoccupied.

A typical payback period using the INDO T8XE is as low as 2 years. These financial benefits, coupled with the ease of installation, make this an attractive option for any scheme currently utilising T8 or T12 lamps.

Technical Specifications

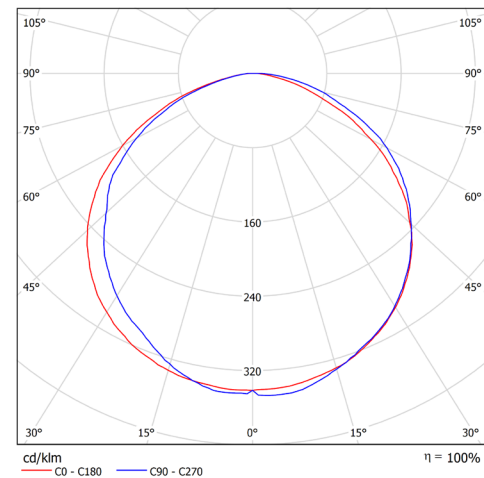
| | |
|--|-----------------------------|
| Input voltage range | 100-277 Vac @ 50/60Hz |
| Ambient operating temperature | -20°C (min) – +40°C (max) |
| Weight (Net weight) | up to 0.31kg |
| Beam angle | 120° |
| Colour Rendering Index (CRI) | > 80 |
| Correlated Colour Temperature (CCT) | 4000K |
| Motion sensing detection range | ~ 10m at 3m mounting height |
| Power Factor | > 0.93 |

Drawings and Dimensions

Unit: mm

| Tube length | Size A (mm) | Size B (mm) | Size C (Base) |
|---------------|-------------|-------------|---------------|
| T8XE – 600mm | 588 | 29 | G13 |
| T8XE – 900mm | 894 | 29 | G13 |
| T8XE – 1200mm | 1198 | 29 | G13 |
| T8XE – 1500mm | 1498 | 29 | G13 |

Photometry plot



| Wattage Option | LED QTY | Lumen output @ 100% (4000K) | | Lumen Output @ 20% (4000K) | | Fluorescent equivalent | |
|----------------|---------|-----------------------------|--------------|----------------------------|--------------|------------------------|-------|
| | | Clear lens | Frosted lens | Clear lens | Frosted lens | Length | Power |
| T8XE.0011 | 56 | 1375 | 1265 | 275 | 253 | 2ft | 18W |
| T8XE.0017 | 84 | 2125 | 1955 | 425 | 391 | 3ft | 30W |
| T8XE.0020 | 112 | 2500 | 2300 | 500 | 460 | 4ft | 36W |
| T8XE.0024 | 168 | 3000 | 2760 | 600 | 552 | 5ft | 58W |