



A recessed LED modular with a choice of optics for optimum lighting of offices and retail spaces, ideal for replacing 4x18W T8 and 4x14W T5 installations

- The combination of high-efficacy LED module and high-performance optics delivers up to 3700 luminaire lumens while achieving 79 Llm/W with a connected load per fitting of 47W
- Choice of two optics (OP = retail, MPT = office) for different application requirements
- Lay in/pull up installation complies with most ceiling types
- Plug & Play connection as standard with Wieland connectors
- Available with emergency lighting and HFI (DSI/DALI compatible) dimming options

Applications

- Circulation areas
- Meeting rooms
- Offices
- Utility areas

Choice of two optics



Micro prism optic

Opal diffuser

Emergency luminaire spacing comparison

Specline LED with integral emergency LED
For 0.5 lux open area

| Maintenance Factor | BFL | Mounting height (m) | Maximum Spacing (m) | | | |
|--------------------|-----|---------------------|---------------------|-------|-----------------|-------|
| | | | Centre to End | | Between Centres | |
| | | | Trans | Axial | Trans | Axial |
| 1 | 1 | 2.5 | 2.55 | 2.50 | 8.65 | 8.60 |
| | | 3 | 2.60 | 2.60 | 9.15 | 9.10 |

Standards



Lamps



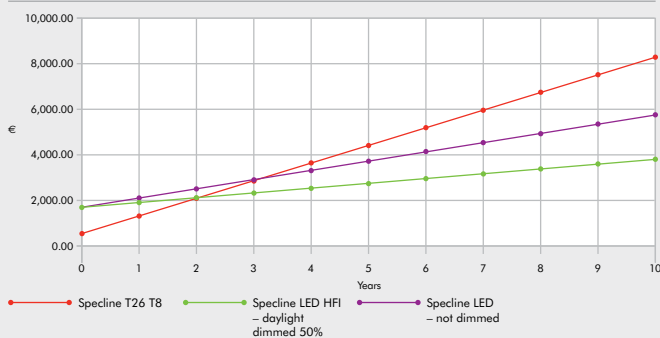
Energy efficiency: Room dimension: 7 x 7 m, 2.4 m height | 500lx

New Installation

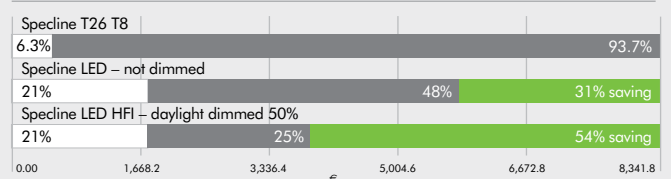
| | No. Fittings | Illuminance (lux) | Uniformity | Connected Load (W/m ²) |
|---|--------------|-------------------|------------|------------------------------------|
| Specline LED OP | 9 | 533 | 0.80 | 8.08 |
| Recessed square 4x18 T26 (T8) DMB with magnetic ballast | 9 | 506 | 0.79 | 13.59 |

Payback LED vs HF 2.4 years
Savings LED over 10 years €4,533

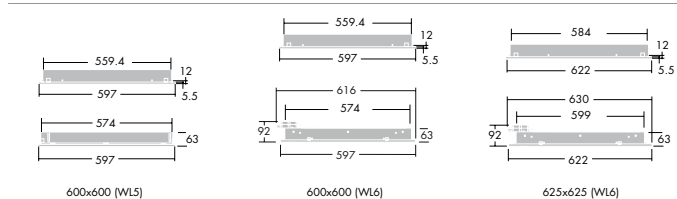
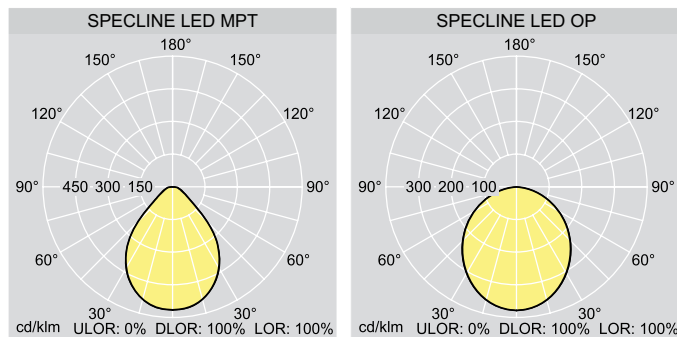
Course of overall costs of solution over lifetime



Investment costs vs. running costs of solution (absolute)



Overview



Ordering Guide

Supplied complete with preinstalled LED modules, 4000K, CRI >80

| | Description | Wt (kg) | HFI | HFI E3 |
|---------------------|-----------------------------------|----------------|-----------------|----------|
| 597 x 597 mm | SPECLINELED 3500 MPT WL5 L840 597 | 5.0 | 96241064 | - |
| | SPECLINELED 3700 OP WL5 L840 597 | 5.0 | 96241065 | - |
| | SPECLINELED 3500 MPT WL6 L840 597 | 5.0 | 96241070 | 96241086 |
| | SPECLINELED 3700 OP WL6 L840 597 | 5.0 | 96241071 | 96241087 |
| 625 x 625 mm | SPECLINELED 3500 MPT WL6 L840 625 | 5.2 | 96241090 | 96241094 |
| | SPECLINELED 3700 OP WL6 L840 625 | 5.2 | 96241091 | 96241095 |
| | Accessory | Wt (kg) | SAP Code | |
| | MINI WEDGE | 0.1 | 96218676 | |

Materials/Finish

Body: steel sheet, white
 Diffuser: opal acrylic
 Optic: micro prism acrylic (PMMA)

Installation/Mounting

Suitable for most 15 or 24 mm exposed tee ceilings, the luminaire simply lays onto the ceiling grid for quick installation. Pull up installation with external wedge KIT possible. Not suitable for plasterboard ceilings.

Specification

To specify state: Recessed modular LED luminaire for lay in/pull up installation with MPT optic or opal diffuser delivering 3500 / 3700 lm. As Thorn Specline LED.

MPT micro prism optic
 OP opal diffuser
 WL5 Wieland GST 5 pole connector
 WL6 Wieland GST 6 pole connector
 L840 including pre-installed LED-module with CRI>80 and neutral white CCT (4000K)
 597 for modular square T-ceilings 600x600 mm
 625 for modular square T-ceilings 625x625 mm
 HFI high frequency - dimmable - addressable (DALI and DSI)
 E3 3-hour LED emergency