



The elegant direct/indirect semi-recessed Elevation luminaire range now boasts LEDs for enhanced efficient performance with great lighting quality

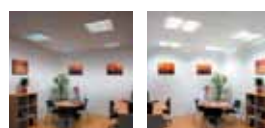
- A real alternative over traditional fluorescent equivalents with no compromise: Greater lumen output with maximum efficacy (78 Llm/W) and low luminance for a comfortable working environment
- Upward lighting component provides a more stimulating lit environment, minimising the 'cave-effect' often associated with recessed luminaires
- Available with integral mini-sensor and emergency functionality. Fewer emergency fittings are required compared to fluorescent alternatives thanks to the independent LED's superior coverage.

### Applications

- Conference Room
- Office
- Restaurant/ Canteen
- Classroom
- Circulation Areas
- Meeting Room

### Brighter lit environment

Subtle semi-recessed wings reflect light up to the ceiling creating a more stimulating environment, avoiding the 'cave-effect' often associated with recessed luminaires.



### Real alternative to traditional fluorescent equivalent

Greater lumen output with maximum efficacy, yet with low luminance levels still ensuring a comfortable working environment

	Current products	New
	Elevation 2x24 HFD 96239006	Elevation LED HFI
Lumen Output	2835	3700
Efficacy	55.6 Llm/W	78 Llm/W
Glare (Cd/m <sup>2</sup> )	<3000	<3000

### Available with integral mini-sensor and emergency functionality

Using an independent LED light source with extended coverage compared to fluorescent versions, a reduced number of fittings are required to ensure a compliant emergency lighting scheme. Discrete integral sensor allows greater control to further maximise cost and energy savings.



Minimum illuminance (lux)	Mounting height (m)	Maximum Spacing (m)			
		Centre to End		Between Centres	
		Trans	Axial	Trans	Axial
0.5	2.5	2.55	2.50	8.65	8.60
	3	2.60	2.60	9.15	9.10

### Standards



### Lamps



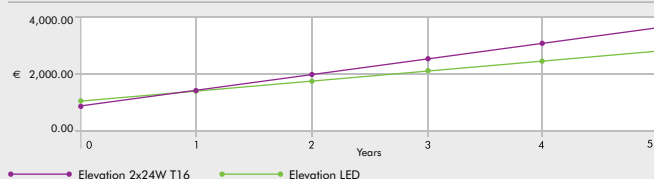
## Energy efficiency: Classroom - 7.8m x 7.1m x 2.8m | 300 lx

### New Installation

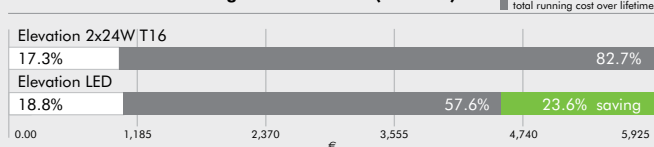
	No. Fittings	Illuminance (lux)	Uniformity	Connected Load (W/m <sup>2</sup> )
Elevation LED	6	372	0.60	5.85
Elevation 2x24W T16	9	341	0.75	8.29

**Payback LED vs T16** **0.6 years**  
**Savings LED over 10 years** **€1394**

### Course of overall costs of solution over lifetime



### Investment costs vs. running costs of solution (absolute)



### Refurbishment - replace T16 with LED

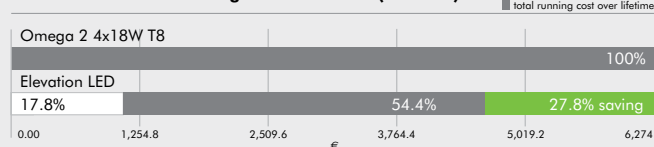
	No. Fittings	Illuminance (lux)	Uniformity	Connected Load (W/m <sup>2</sup> )
Elevation LED	6	372	0.60	5.85
Omega 2 4x18W T8	8	354	0.66	11.27

**Payback LED vs T26** **3.9 years**  
**Savings LED over 10 years** **€1,743**

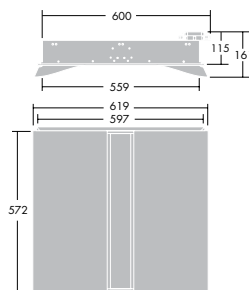
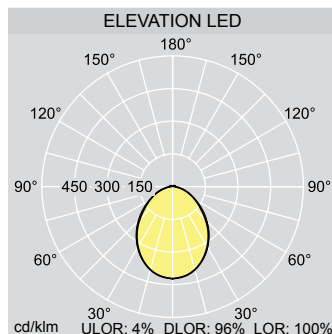
### Course of overall costs of solution over lifetime



### Investment costs vs. running costs of solution (absolute)



## Overview



## Ordering Guide

Supplied complete with LEDs

Description	Weight (Kg)	SAP Code
ELEVAT LED 3700 HFI MPT AC WL6 597	5.5	96240375
ELEVAT LED 3700 HFI MPT AC WL5 597	5.5	96241209
ELEVAT LED 3700 HFI E3 MPT AC WL6 597	5.9	96240376
ELEVAT LED 3700 HFI E3TX MPT AC WL6 597	5.9	96240377
ELEVAT LED 3700 HFLI MPT AC WL6 597	5.9	96240595
ELEVAT LED 3700 HFLI E3 MPT AC WL6 597	6.0	96240596
ELEVAT LED 3700 HFI MPT AC WL6 625	5.6	96240601
ELEVAT LED 3700 HFI E3 MPT AC WL6 625	6.0	96240602
ELEVAT LED 3700 HFI E3TX MPT AC WL6 625	6.0	96240603

### Accessories

MINI WEDGE (internal fit for plasterboard ceilings)	96218676
CONNECT S6 B	96233052
Wieland GST 6 pole socket for connecting HFI and HFLI variants	
CONNECT EM S3 R	96503766
Wieland GST 3 pole socket for connecting E3TX luminaires	
GRIPPLE SAFETY WIRE	96239327

## Materials/Finish

Diffuser: perspex frosted diffuser and PMMA axial prismatic lens  
 Wings: reeded opal acrylic  
 Body & Reflectors: white painted steel (close to RAL9010)

## Installation/Mounting

Suitable for lay-in (exposed tee 15 and 24mm) suspended ceilings.  
 Suitable for pull up installation (concealed tee) to suspended ceilings using wedge brackets (supplied), fitted externally. Internal fit wedges for plasterboard to be ordered separately.  
 Electrical connection via panel mounted Wieland GST male connector (plug).  
 Appropriate female sockets and T connectors to be ordered separately (see accessories ordering guide).  
 Provision for grip wire in the body. Wire to be ordered separately (see accessories ordering guide)

## Specification

To specify state: High performance semi-recessed LED luminaire with opal wings and central MPT optic with electronic digital dimmable gear and options for mini-sensor/LED emergency. For emergency versions, please specify E3 for manual testing or E3TX for SelfTest/Addressable test. As Thorn Elevation LED.

HFI	Digital dimmable electronic ballast with DALI and DSI function
HFLI	Digital dimmable electronic ballast with DALI mini-sensor
WL6	Wieland GST 6 pole connector
WL5	Wieland GST 5 pole connector
E3	3hr Emergency function, manual test
E3TX	3hr Emergency function, SelfTest/Addressable test