



Litex Elite

Hyper-performance
IP65 Highbay

EATON

Powering Business Worldwide



Elite Performance

Features and benefits

up to
170
Llm/CW

Class leading efficiency

65% energy savings vs metal halide and T5 fluorescent gives rapid payback



Fully tested data

Verified and validated performance you can trust

IP65

IP65 ingress protection

Dust and low pressure jet wash protection for industrial environments

5000K
Ra +80

High quality white light

Ideal for high activity areas and excellent colour recognition

IK10

IK10 impact protection

Robust / zero maintenance luminaire, 20 joule rating

EM

Integral emergency option

Lower install costs with reduced requirement for separate EM scheme

-40°C
to
+50°C

Extended operation temp

Suitable for wide range of sites, including cold storage

LED

High performance LED

Long-life LED, in excess of L80 80,000 hours



Integral controls options

PIR occupancy and daylight controls maximise energy savings



5 year warranty as standard

Simple and dependable warranty for quality you can rely on, all the way up to 24/7 operation





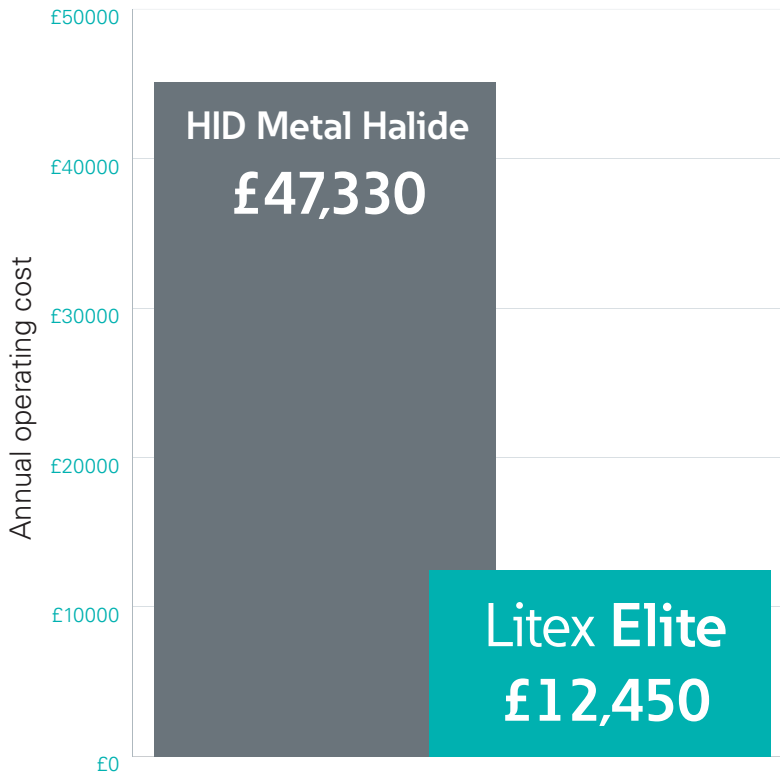
Class leading energy efficiency

Elite efficiency

Up to 170Llm/cW

Litex Elite - energy and cost saving calculator

Annual operating costs - 100 luminaires:



~£35K
annual saving*

*compared to equivalent HID metal halide

<1.5
year
payback

Comparison based on point for point replacement of 100 HID fittings. Dependant on the project, the number of Litex Elite luminaires required may be less - further improving payback.

Example: Litex Elite 22,500lm	Litex Elite	HID Metal Halide
Wattage per luminaire	142	460
Total wattage for 100 luminaires (Kw)	14.2	46
Annual kWh	124,392	402,960
Annual energy cost (based on £0.10p kWh)	£12,439	£40,296
Average lamp life (hours)	n/a	10000
Annual operating hours	8760	8760
Average time between lamp replacements (years)	n/a	1.14
Lamp cost (based on £20 per lamp)	n/a	£2,000
Lamp change cost (based on £50 per change)	n/a	£5,000
Total maintenance cost	£0	£7,000
Annual Carbon Cost (based on .55 Carbon KG per kWh and £16.4 Carbon Cost per Tonne)	£11	£34
Total annual operating cost	£12,450	£47,330

Total Litex Elite annual saving

£34,879

Typical payback period

1 to 1.5 years

Elite engineering

**Easy
Install**

Versatile mounting brackets accessory for trunking mounting, drop rod or S-hook chain suspension

Robust mild steel powder coated housing

Aluminium gear tray, for optimised LED thermal management

Leading efficiency LEDs 5000K, Ra +80

Anodised aluminium reflectors

Contrast reduction cover

Steel panel frame sealed IP65 body

Easy
Install

IP65 Plug and Play
panel mounted
connector

Sealing gasket to
maintain IP65 ingress
protection

Fused as standard
for extra protection

Premium
LED Driver

Impact resistant TPA
polycarbonate cover

Industrial class

Engineered for high performance

- Class leading energy efficiency
- IP65 dust & water Ingress protection
- Robust IK10 construction
- Extended operating temperature
- Sensor control functionality
- Crisp, high quality light
- Integral emergency option

Elite options



Maximum flexibility

Complete range of options for flexible lighting design. Choose from:

- 15000 Lumens , 93W
- 22500 Lumens , 142W
- 32000 Lumens, 222W
- Fixed output LED driver
- DALI dimming LED driver
- Emergency - IP65 fully integrated conversion
- Fully integrated IP65 sensor module options
- Optical distribution - wide and narrow
- Polycarbonate impact resistant front cover



Direct replacement for HID and T5

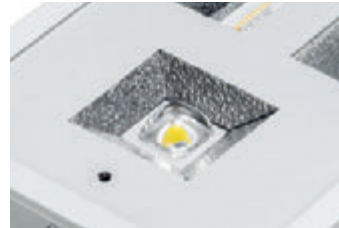
For general industrial, distribution and storage environments

- Outperforms HID & T5
- Energy savings – over 65% vs metal halide, SON and T5 fluorescent
- Additional energy savings from control options, which cannot be achieved with metal halide/SON
- Industrial specification
- Maintenance free
- Easy installation

Elite safety and controls

Emergency options

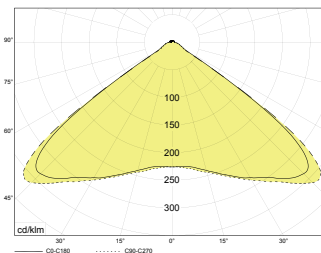
- Litex Elite has the option of an IP65 fully integral emergency unit
- Capital and installation costs are reduced with class leading spacings
- The high-bay option is especially suitable for higher rack or aisle areas and escape routes up to 26 metres
- The mid-bay option provides a square light distribution. It is most suitable for illuminating open areas up to 14 metres



Detail showing integrated wide beam emergency module (distribution illustrated below)

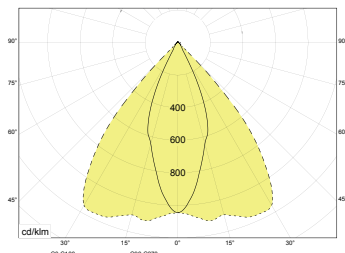


Detail showing integrated narrow beam emergency module (distribution illustrated below)



Mid-bay emergency - wide-beam optic

Based on Factors K 0.85 S 0.95



High-bay emergency - narrow-beam reflector

Based on Factors K 0.85 S 0.95

Controls

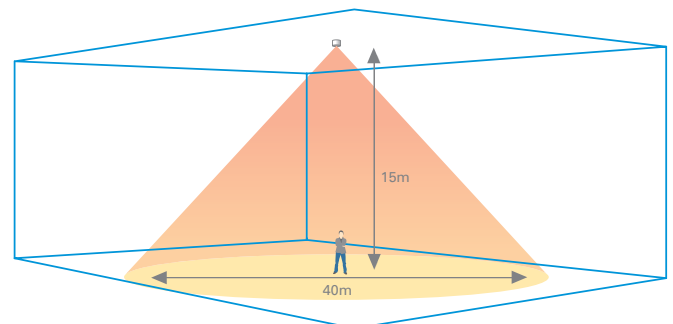
Occupancy and daylight controls can achieve energy savings of up to 70% when compared against constant illumination.

IP65 PIR Sensor

Litex Elite's high sensitivity IP65 PIR sensor detects movement in a 40m detection zone at a 15m mounting height, making it suitable for high bay applications such as warehouses and factories.

Features:

- Presence, occupancy and daylight harvesting
- Up to 20m mounting height
- Detection zone of up to 40m at 15m mounting height
- Supplied with masking shields to focus detection
- Operating temperatures between -10c to +35c
- Infrared handset control for quick and easy set up
- Wireless controls available on request



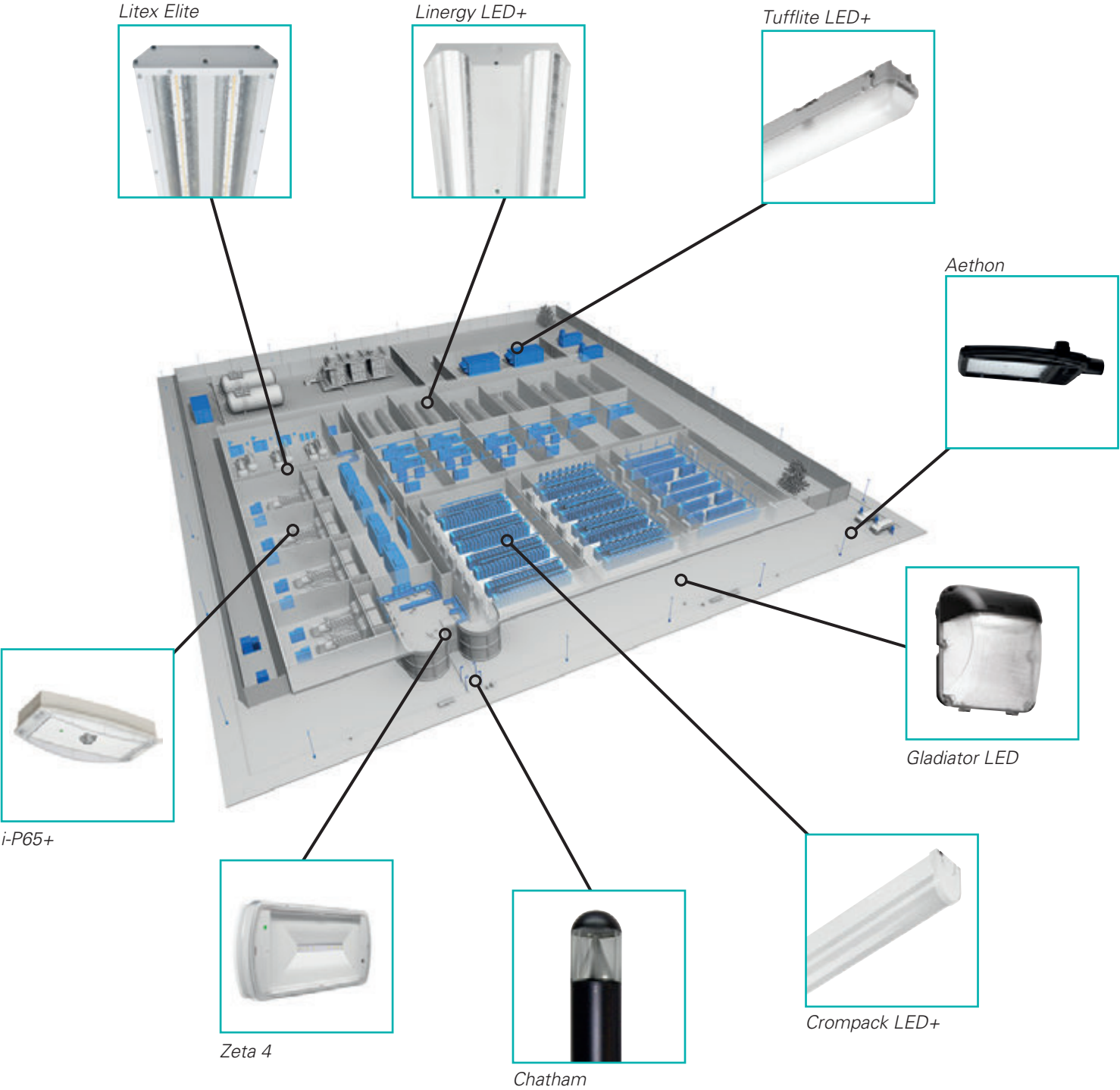
Detection range of up to 40m at 15m mounting height



Infrared handset control for quick and easy set up

Elite industrial lighting solutions

Litex Elite complements Eaton's comprehensive offer of LED industrial lighting



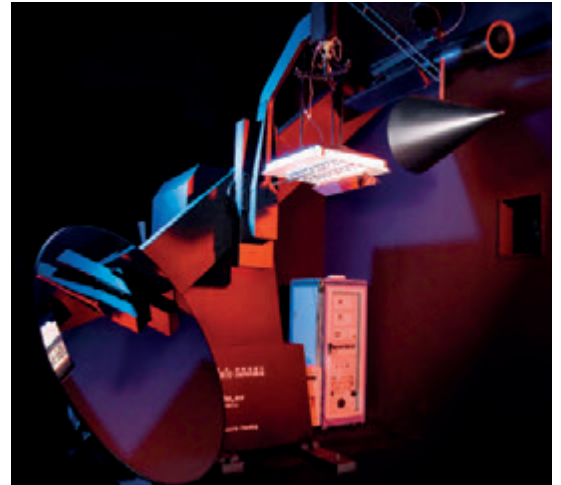
Elite brand reputation

Tested

Fully tested and validated performance data

Eaton lighting products are designed and tested at our UK facility in Doncaster, and validated by the LIA.

This means you can trust our products to perform as stated.



Trusted

5 year Eaton extended warranty as standard, for quality you can trust

You are supported by our simple, reliable warranty

- 24/7 operation - **no annual hours usage restrictions**
- 12 months parts and labour with an additional 48 months on parts
- No need to register your product



Certified

Recognised by the Lighting Industry Association (LIA)

- The LIA has independently tested Litex Elite for IP65 and IK10 rating
- As members of the LIA, Eaton fully complies with the rules to allow LIA access to our plant and product for independent validation of reported product performance and safety





Discover how Eaton can help energise your building.

Bringing your business a new dimension of expertise, customized innovative solutions and uninterrupted operations.

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Printed in UK
Publication No. ID# 1701051622
January 2017

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