



This versatile industrial LED luminaire is ideally suited to all industrial and warehouse applications. It is offered with a choice of lumen packages controlled by open area, rack aisle or narrow distribution reflector options and is designed to accommodate different mounting heights and installation methods resulting in a luminaire system that can be tailored to virtually any application.

The variable length housing accommodates integral control gear and sensor controls when necessary. Energy savings can be further enhanced by the use of occupancy detection, dimmable control gear and/or switching arrangements to minimise electricity consumption. These are benefits over traditional discharge lamps where controls are limited. The highly efficient LED multi-die arrays deliver excellent performance and efficacy, combined with the excellent thermal management and driver compatibility the LEDs deliver a long, virtually maintenance free, 50,000 plus hours LED life at L70.

- Ideal for cold stores down to  $-30^{\circ}\text{C}$ , though equally suited in ambient up to  $+30^{\circ}\text{C}$
- Instant white light, no re-strike or run up delay are distinct advantages over HID solutions
- No lamp changes provides virtually maintenance free operation, long LED life,  $\sim 5.7$  years operating 24/7
- Compact and robust die cast and extruded aluminium housing
- Racking aisle or open area optic choice to maximise spacing and uniformity
- Variable mounting heights, ideal for warehouse racking and marshalling areas - suitable from 2.5m to 14m+
- Choice of lumen packages from multi-die LED arrays
- 5000K cool white multi-die LED technology with 65 CRI or 80 CRI options
- Emergency versions available with two optic choices to suit mounting heights up to 25m

### Lamp and Control Gear Options

- 1, 2, 3 or 4 multi-die LED arrays
- 5000K cool white
- 65 CRI or 80 CRI
- 700mA drive current with HF, DALI or 1-10V

### Materials

- Die cast and extruded aluminium housing components in white RAL9016 powder coat finish
- Clear TPa polycarbonate lens
- Aluminium reflectors
- Internal gear tray - mild steel in white RAL9016 powder coat finish

### Installation Notes

- Multi-function brackets supplied allow trunking mount, drop rod or chain suspension
- Quick fit surface mount bracket available as an accessory
- Fused as standard
- For operation in ambient temperatures of -30°C to +30°C
- Emergency versions must be operated in an ambient of +5°C to +25°C to keep the batteries within operating temperatures
- 2m lead supplied fitted to luminaire head at the gear area end
- Installations utilising the 'rack optic' should be installed with the length of the luminaire running parallel with the length of the aisle
- Sensor versions available - "S" version is IP20 rated and suits up to 12m mounting height, "D" version is IP65 rated and suitable for up to 5m mounting height
- Be aware of breaker ratings and cabling for inrush current on LED products. Refer to Controls section page 510

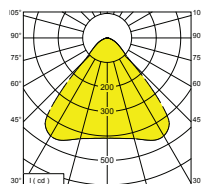
### Options

- Integral emergency options available with 2 optics for different mounting heights:  
'EL' prefix for up to 9m, 'ELH' prefix for 9 to 25m
- HF fixed output and DALI or 1-10V dimmable control gear options to maximise energy efficiency
- Racking aisle, wide open area and narrow distribution reflector choices
- Project specific optics can be developed where appropriate
- PIR Occupancy Sensors:  
"S" sensor is IP20 rated and suits operation down to -40°C ideal for cold store applications, suits up to 12m mounting height. "D" sensor is IP65 rated and ideal for mounting heights of up to 5m
- Choice of up to 4 multi-die LEDs, all driven at 700mA

### Specification

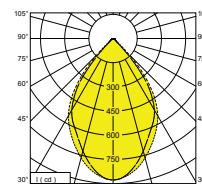
To specify state: High performance Linear LED luminaire, 1/2/3/4 LEDs, extruded aluminium housing with white RAL9016 powder coat finish, Wide/Narrow/Rack reflector and clear polycarbonate optical lens, suitable for surface or suspended mounting (ideal for cold stores), as Eaton's Litex LED range part no \_\_\_\_\_

### Photometric Data



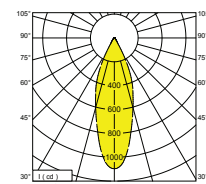
Litex LED - Wide Optic

SHR nom: 1:1.25  
SHR max: 1:1.3



Litex LED - Narrow Optic

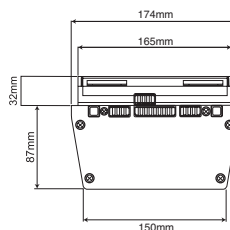
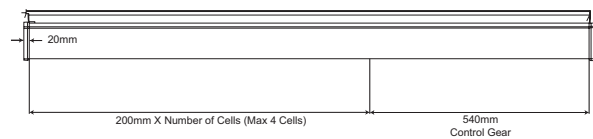
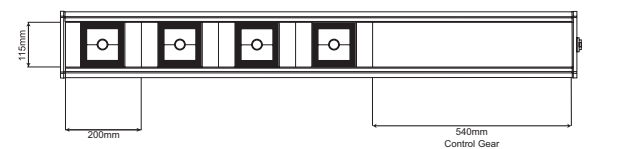
SHR nom: 1:1.25  
SHR max: 1:1.26



Litex LED - Rack Optic

SHR nom: 1:0.5  
SHR max: 1:0.72

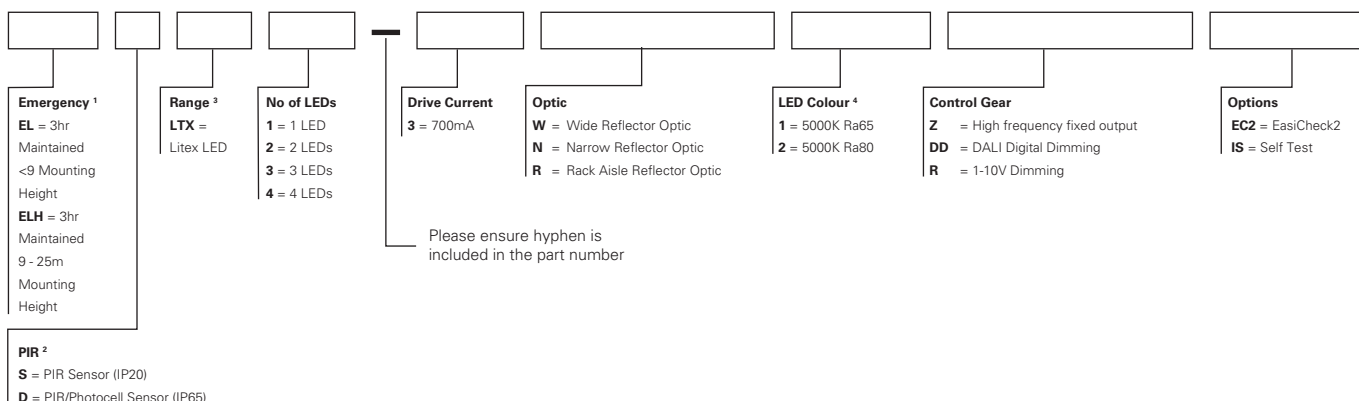
### Dimensions



#### Weight (kg)

1 Chip:	6.7
2 Chip:	7.7
3 Chip:	8.7
4 Chip:	9.7

### Catalogue Numbers



- Emergency versions have a dedicated LED activated in emergency mode with a choice of 2 optics to suit the mounting height
- The 'S' prefix PIR switching sensor is IP20 rated and therefore will effect the overall IP rating of the luminaire, operates down to -30°C  
The 'D' prefix sensor is IP65 rated and suitable for up to 5m mounting heights, operating temperature 0°C to +30°C
- All standard luminaires are IP65 rated - also refer to note 2
- Alternative colour temperature and CRI options may be considered - this will be to special order  
Note: Higher CRI variants will have a reduced lumen output

### Luminaire Example

Lamp Option	Colour Finish	Optic	Cat No	Description
2 x LED	White	Wide	LTX2-3W1Z	Litex LED 2 LED, 700mA, Wide Reflector, 5000K 65CRI, HF Control Gear

### Performance Data (5000°K, 65 CRI LED)

LED Quantity	Circuit Watts (W)	Wide (lm)	Llm/cW	Lumen Output and Efficacy		Rack (lm)	Llm/cW
				Narrow (lm)	Llm/cW		
1	39	4020	103.0	3866	99.1	3572	91.5
2	83	8035	96.8	7729	93.1	7139	86.0
3	124	12044	97.1	11585	93.4	10700	86.3
4	166	16055	96.7	15440	93.0	14267	85.9

### Performance Data (5000°K, 80 CRI LED)

LED Quantity	Circuit Watts (W)	Wide (lm)	Llm/cW	Lumen Output and Efficacy		Rack (lm)	Llm/cW
				Narrow (lm)	Llm/cW		
1	39	3468	88.9	3335	85.5	3080	78.9
2	83	6933	83.5	6670	80.3	6158	74.2
3	124	10392	83.8	9995	80.6	9232	74.6
4	166	13858	83.5	13320	80.2	12310	74.2

