

The 'E-Light' LED batten Striplight is the next logical step in the evolution of the Striplight. It will see all LEDs incorporated into the fitting with a separate dedicated driver in an easy 'one fit' procedure. This will ensure no more LED tube replacements or extensive rewiring of the old fluorescent fitting. Other advantages are a greater light output plus uniform increases in light output over the fitting length, achieved by fitting the driver in the body of the fitting rather than being limited inside a 30mm retrofit LED tube. This allows more LEDs to be utilised with a higher light output.

Available in 2, 4, 5, 6 foot variants with opal diffusers, power coated aluminium batten.

- **LED light source . 50,000 hour life**
- **Product 5 year guarantee**
- **Light output equivalent to fluorescent up to 6ft**
- **Voltage: 220 to 240V ac, 50/60Hz. [110 option]**
- **Robust fitting, no glass or 'tube' drop out**
- **No Mercury, no buzzing, no flickering, no UV or RF**
- **Energy efficient, providing up to 40% saving**
- **Optional prismatic crystal diffuser**
- **All in one fitting, no re-wiring.**



EL1 variant

**Optional Dali and Emergency lighting  
Available in IP65 housings, Single and Dual.**

**LIGHTING PERFORMANCE**

PART NUMBER	LENGTH	TYPE	LUMEN	POWER	EFFICIENCY
EL1-060-S-**-SD	600mm [2ft]	Single Batten, Std Diffuser	1400	1 X 15W	93 LPW
EL1-120-S-**-SD	1200mm [4ft]	Single Batten, Std Diffuser	2800	1 X 30W	91 LPW
EL1-150-S-**-SD	1500mm [5ft]	Single Batten, Std Diffuser	3500	1 X 37W	94 LPW
EL1-180-S-**-SD	1800mm [6ft]	Single Batten, Std Diffuser	4300	1 X 46W	93 LPW
EM1-120-S-**-SD	1200mm [4ft]	Single Batten, Emergency, Std Diffuser	2800	1 X 30W	91 LPW
EM1-150-S-**-SD	1500mm [5ft]	Single Batten, Emergency, Std Diffuser	3500	1 X 37W	94 LPW
EM1-180-S-**-SD	1800mm [6ft]	Single Batten, Emergency, Std Diffuser	4300	1 X 46W	93 LPW
ED1-060-S-**-SD	600mm [2ft]	Single Batten, Dali Diming, Std Diffuser	1400	1 X 15W	93 LPW
ED1-120-S-**-SD	1200mm [4ft]	Single Batten, Dali Diming, Std Diffuser	2800	1 X 30W	91 LPW
ED1-150-S-**-SD	1500mm [5ft]	Single Batten, Dali Diming, Std Diffuser	3500	1 X 37W	94 LPW

For colour temperature \*\*, add CW for Cool White, NW for Neutral White, WW for Warm White.

CW: 5000K-6500K—CRI 75+

NW: 4500K-5000K—CRI 75+

WW: 3000K-4000K—CRI 75+

Compliance Standards: EN61347-2-13, EN55015, EN6100-3-2 & -3, EN61547, EN62384

Operating Temperature: -20°C to +50°C

Power Factor: >0.95 [0.98 typical]

Thermal Trip: 120 degrees self resetting

Mains Surge Protection: 4kV common-mode, 2kV differential

Available with 'Emergency' 3 hour facility. [see ED1 range]

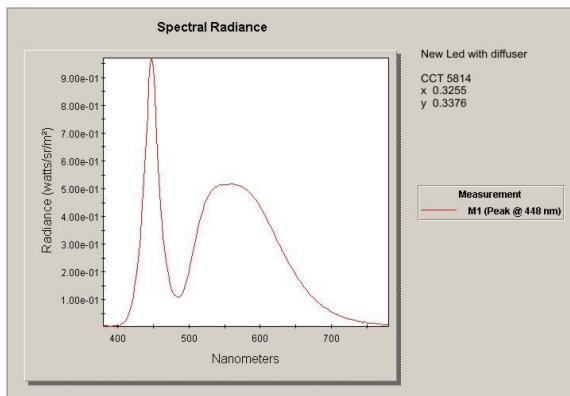
Control Options: DALI to order. [see ED1 range]



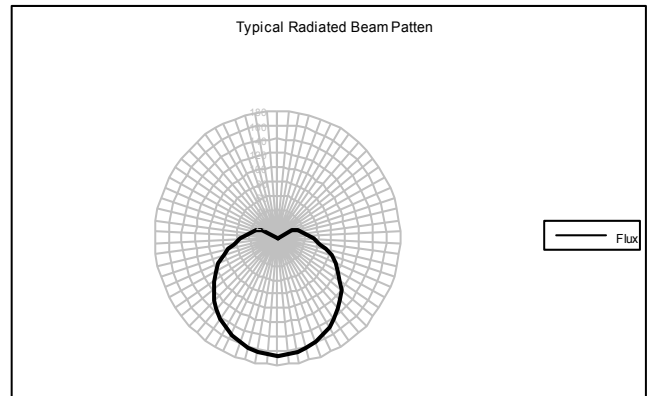
Prismatic Crystal Diffuser



Emergency EM1 Variant



Typical Spectral Radiance



Typical radiated flux beam pattern

Radiated flux at 1.8 meters: 2 foot/98, 4 foot/160, 5 foot/195,

Emergency specification: Non maintained, 3 hour duration, Green status [charge] light, emergency LED typical flux of 9 at 1.8 meters

THE SH LIGHTING E-LIGHT PROVIDES SEVERAL BENEFITS OVER THE 'RETROFIT TUBE' TYPES	
E-Light	Traditional Retro-fit Tubes
<ul style="list-style-type: none"> <li>Light output increases linearly with tube length.</li> </ul>	<ul style="list-style-type: none"> <li>Light output does not increase linearly with tube length due to integrated power supply in tube.</li> </ul>
<ul style="list-style-type: none"> <li>Both LEDs and power supply have 5 year, 50,000 hours guarantee.</li> </ul>	<ul style="list-style-type: none"> <li>Power supply's have a shorter lifetime than the LEDs hence 2/3 year guarantees.</li> </ul>
<ul style="list-style-type: none"> <li>Provides equal to or greater light output and is very simple to fit.</li> </ul>	<ul style="list-style-type: none"> <li>Equal or less light output and difficult to rewire and fit.</li> </ul>

Retrofit T8 tube requires the old fluorescent fitting to be dismantled and rewired, in situ, at ceiling height. It is easier to take down and install E-Light.

When rewiring existing fluorescent fittings, issues can arise relating to CE Marking and consequently BS Standards and EMC. This can create certification, insurance and safety concerns in the event of an incident. Installing E-Light removes these potential problems.