



COMPONENTS

Dedicated Low Energy Lighting Solutions
from **tp24**



L·1 dedicated platform from tp24.

tp24 are delighted to announce that their L·1 dedicated low energy system can now be sourced in component form in the Far East.

By using a dedicated solution you are committing to energy saving and putting safety first.

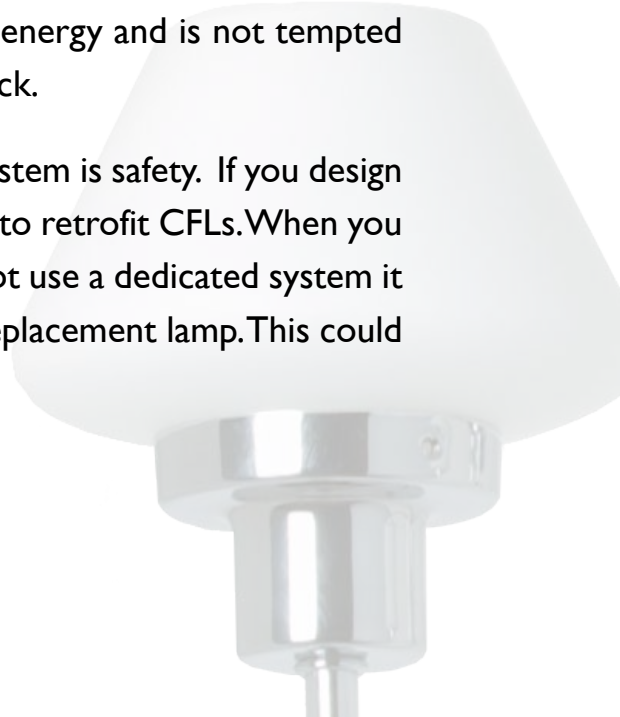
tp24 have licensed a number of major lamp holder manufacturers to sell their L·1 lamp holders and lamps in China. This will ensure that many European importers can now make low energy light fittings using the same platform and will provide conformity across self-ballasted dedicated CFLs.



The purpose of a dedicated platform.

In the UK the Building Regulations demand that approximately 30% of lighting in new developments is dedicated **low energy**. The point of this is to ensure that, once fitted, the consumer continues to save energy and is not tempted to use incandescent lamps, thus avoiding switchback.

The other primary reason for using a dedicated system is safety. If you design a light fitting to use regular lamps it is no problem to retrofit CFLs. When you design fittings specifically for **low energy** and do not use a dedicated system it is likely that a consumer will fit an incandescent replacement lamp. This could lead to fire and safety issues.



Benefits of the L·1 system.

The lamp holder is similar to a GU10 lamp holder, but has an additional pin in the base which stops Halogen lamps being used. The L·1 lamps have a hole in the base which lets the lamp fit over the pin. L·1 lamps will retrofit all GU10/ GZ10 fittings.

The L·1 lamp holder is much safer than traditional BC and ES lamp holders. You will not get a shock if you inadvertently put your finger in a live socket. The neck of the lamp holder has also been made taller to ensure that the lamp is easier to fit.



Available components.

L1 components are very versatile and can easily be used to convert existing products to dedicated low energy. The range has a variety of lamp holders to suit different assembly solutions. This includes plain and threaded pre-wired, plain and threaded push fit and IP44 for bathroom and outdoor applications.

A wide assortment of brackets, shade rings and watertight seals are also available. For details of licensees and samples please call, fax or email tp24 and we will put you in touch with our Chinese partners.



High Specification lamps

Our lamps are manufactured to a very high specification and are some of the smallest on the market. They have efficiencies in excess of 40 lm/w with some achieving over 50 lm/w. When buying fluorescent lamps you should always look at the lumen output and not the wattages. Wattages are very misleading and often overstated to make the product look better.

Replacement lamps

All the retailers and wholesalers who sell **L1** fixtures will stock replacement lamps. **L1** lamps are also available from a number of independent retailers, some of the major electrical distributors and, of course, from **tp24** online, over the phone or by fax. We are currently talking with distributors in the UK and are actively exploring options for Europe and Australasia.



tp24 - 2310



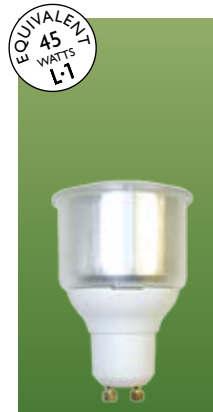
tp24 - 2313



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tp24 - 2319

Code No.	Type	Voltage (v)	Watts (w)	Lumen	Colour Temp (K)	Life Time (h)	Overall Length (mm)	Max Width (mm)	RoHS	CE	EU Energy Rating	Watertight Lamp	Integrated Electronic Start
tp24 - 2310	L-1 Candle	220/240	9	405	2700K warm white	8,000	105	39	✓	✓	A	✓	✓
tp24 - 2313	L-1 Micro	220/240	9	405	2700K warm white	8,000	78	48	✓	✓	A	✗	✓
tp24 - 2315	L-1 GLS	220/240	15	820	2700K warm white	8,000	130	65	✓	✓	A	✗	✓
tp24 - 2317	L-1 Tube	220/240	9	450	2700K warm white	8,000	136	32	✓	✓	A	✓	✓
tp24 - 2318	L-1 Spot	220/240	11	300*/475**	2700K warm white	10,000	76	50	✓	✓	B	✗	✓
tp24 - 2319	L-1 Spot IP	220/240	11	300*/475**	2700K warm white	10,000	76	50	✓	✓	B	✓	✓

* Measured in sphere with reflector ** Measured in sphere without reflector

A close-up photograph of several vibrant green maple leaves. The leaves are in sharp focus, showing their characteristic three-lobed shape and prominent vein structure. The background is a soft, out-of-focus green, creating a sense of depth and natural texture.

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