

# EcoLEDLighting LED Luminaires Comparison Chart

	EcoLEDLighting LEDs	LEDs	Halogen	Dichroic	Low Energy Compacts	Fluorescent
Running Costs	<b>25%</b>	25%	100%	100%	25%	25%
Cost of Disposal	-	-	-	-	-	£££
Dimmable	<b>Yes</b>	Yes	Yes	Yes	No	Yes
Longevity	<b>10 years</b>	10 years	3-6 months	3-6 months	12 months	24 months
Part L Compliance	<b>Yes</b>	No	No	No	Yes	No
Guarantee	<b>6 years</b>	No	No	No	No	No
Colour Continuity	<b>Yes</b>	Yes	No	No	No	No
Instant On	<b>Yes</b>	Yes	Yes	Yes	No	No
Heat Dissipation	<b>Yes</b>	No	No	No	No	No
Light Pollution	<b>No</b>	No	Yes	Yes	Yes	Yes
SAD Solution	<b>Yes</b>	Yes	No	No	No	No
Uni-Directional	<b>Yes</b>	Yes	No	No	No	No
Ruggedness	<b>Yes</b>	Yes	No	No	No	No
Aesthetics	<b>Yes</b>	Yes	Yes	Yes	No	No
<b>TOTALS</b>	<b>100%</b>	<b>79%</b>	<b>28%</b>	<b>28%</b>	<b>21%</b>	<b>14%</b>



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## Notes to the Comparison Chart

- **Running Costs:** EcoLEDLighting luminaires use 25% of the energy of an equivalent halogen or dichroic light. e.g. Our 12W lights outputs the same as a traditional 50-55W dichroic or halogen light.
- **Disposal:** There are costs related to disposal legislation for fluorescents, including transport and disposal fees. LEDs do not contain mercury gases.
- **Dimmable:** Only a limited number of specialist fluorescent lights can be dimmed.
- **Longevity:** LEDs last substantially longer than other lights. Non LEDs have a filament and therefore heat up and burn out.
- **Part L Compliance:** Current legislation require 40 lumens per circuit watt.
- **Guarantee:** EcoLEDLighting gives a 6 year return to works warranty.
- **Colour continuity:** Most lights lose brightness after a period of time: LEDs do not. EcoLEDLighting luminaires can also produce a light to a chosen white.
- **Instant on/ warm up:** LEDs light instantly and do not suffer loss of life due to switching on and off. Low energy bulbs have a high switch on cost.
- **Heat dissipation:** You cannot touch any of the lights with the exception of EcoLEDLighting's luminaires or you will burn yourself. After 10 minutes, 10 weeks or even 10 years.
- **Light pollution:** Fluorescents flicker, which can cause headaches and stress, leading to loss working days.
- **SAD solution:** LEDs can create the right white colour to aid a cure for SAD syndrome. (See separate EcoLEDLighting fact sheet)
- **Uni-directional:** All lights except LEDs lose about 30% of their light in non directional transfer.
- **Ruggedness:** You can throw an EcoLEDLighting light unit onto concrete without causing damage to the light.
- **Aesthetics:** Well, perhaps somebody somewhere may like the look of a low energy bulb in preference to anything else?!

*\* Figures in this chart relate to normal ambient operating temperatures*

For more information about EcoLEDLighting, please visit [www.ecoledlighting.com](http://www.ecoledlighting.com)

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