

LUMCO LAMPS:

COMPARED TO OTHER LIGHT SOURCES

	LUMCO LAMPS 230V
Lifespan (working hours)	30,000-45,000
Lamp sizes and shapes	straight, curved, angled and free-formed custom and standard lamp sizes
Continuous lines of light	turned-back electrodes, 100% lit to the ends, no dark areas
Colours	wide selection of colours
Lighting control systems	compatible with the latest standard electronic systems e.g. Dali, DMX, 1-10V, Remote Control, IR signal, light sensors
Power supply type	electronic ballast 230V
Average light output (lumen per metre)	> 4,000 (High Output)
Approximate light efficacy (lumen/watt)	> 100
Approximate watt consumption	40 watt/m
Dimming	100-1%
Lamp ignition	instantaneous and flicker-free
Use of mercury	absolute minimum of mercury (automatically controlled)

COLD CATHODE 990V	FLUORESCENT LAMPS 230V
between 25,000-45,000	15,000
straight, curved, angled and free-formed custom and standard lamp sizes	only straight forms and standard lamp sizes
turned-back electrodes, in most cases lit to the ends exception: cold cathode lamps with H-section at end of lamp*: dark areas	straight electrodes, dark areas
wide selection of colours	small selection of colours
not compatible with standard systems	compatible with standard electronic systems
transformer is required 230V/990V	electronic ballast 230V
between 500 and 2,800	> 4,000 (High Output)
> 50	> 100
25-40 watt/m	40 watt/m
100-30%	100-1%
instantaneous and flicker-free	instantaneous and flicker-free
minimum of mercury (manually controlled)	absolute minimum of mercury (automatically controlled)

* in this case the turned-back electrodes are automatically welded to the glass (called fusion process)