

## TL-FL1000 LED Floodlight



The TL-FL1000 is a 100 watt LED floodlight housed in a rugged die cast case suitable for use as a interior work light or floodlight for theatres and general area lighting.

Its major benefits over an equivalent floodlight using an incandescent bulb are the marked savings in power and maintenance costs. Measured at the same distance, the light from the FL1000 is more than a bare 1000 watt incandescent worklight, but with 10% of the power costs of the older type bulb. In addition, whereas most incandescent bulbs have a lifetime of under 2000 hours, the FL1000 has an expected lifetime of over 25,000 hours, resulting in much reduced maintenance costs.

The Theatrelight designed and manufactured LED module uses cool white Cree LED chips with integrated lenses for maximum optical efficiency, in conjunction with a proven brand, high reliability constant current power supply.

### Floodlight Specifications

Housing	Metal diecast case with reflector and glass front
Yoke	Anodised aluminium yoke, with hex head SS pan and tilt bolts
Power supply	Meanwell brand
Power Factor	>0.95 at full load
Safety Standards	AS/NZS 60598.1:2003 and AS/NZS 60598.2.5:2002, C Tick
Input Power	100-240 vac, 50/60 Hz, 120 watts max
Light Output	10,000 lumens +/- 10%
Working temperature	-30 to +40 degrees C air temperature
Case temperature	40 degrees C max above ambient (face between +/-45 degrees to vertical)
Expected lifetime	>25,000 hours (~ 5 years at 10 hours per day, 7 days a week)
Power cable	2 metres long, fitted with NZ 3 pin plug
Dimensions	335 x 315 x 90mm
Weight	5.5kg
Warranty	3 years



## LED module

Brand	Theatrelight design, with current balancing resistors
LEDs	72 Cree LED chips with integral collimating lenses
LED colour	Cool white (~7,000K), typical CRI >75
LED efficiency	100 lumens/watt
Luminance at 1 m	2200 Lux

## Photometric Distribution

TL-FL100 Typical Spatial Distribution

