

# UtilityLite

HIGH PERFORMANCE LIGHTING

The UtilityLite is a continuous flex of LEDs (180 per metre) encapsulated in a clear, hardwearing flexible plastic sheath. Assembled on a cable reel at lengths from 2m to 100m. The unit is highly portable and easy to install on any site by an unskilled operative.

Unlike traditional floodlights that are sited at single locations around a work site the UtilityLite's flexibility enables the entire work area to be surrounded by a continual LED flex of light and thus is lit in its entirety. Due to this all round light emitting capability shadow and dark spots are greatly reduced or in many cases totally eliminated. As the work area reduces or expands UtilityLite can be simply repositioned with ease.

Due to UtilityLite's low power requirements it can be simply run from a transformer/generator supplied 110v or directly from its own portable battery pack.

UtilityLite can be supplied with durable rubberised brackets that allows it to be attached to barriers, railings and surrounding structures.



## Specification

LED per metre	180
Power consumption per metre	12.5W
Voltage	110V
CO2 Emissions per metre/8hrs	30.8kg
Colour Temperature	5000k
Lumens per metre	1100Lm
Lux per metre	60-70Lux
Beam Angle	120°
CRI	>80
IP Rating	IP65
Weight (25m Roll)	4.75kg
Dimensions (25m Roll)	390x280x200mm

## CO2 Emissions Comparison

Lighting Technology (800 Lumens)	Incandescent (60W)	Halogen (42W)	CFL (14W)	UtilityLite (12.5W p/m)
Daily Kwh Consumed (@8hr)	0.48	0.34	0.11	0.1
Annual Kwh Consumed (@8hr/day)	175.2	124.1	40.15	35.0
CO2 Produced (Coal Based Power Generation)	152.42Kg	107.96Kg	34.93Kg	30.8Kg*

\* 1m length of UtilityLite = 1100 Lm

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## Halogen Floodlight Visual - Typical area lit by four floodlights

Narrow lighting angles resulting in reduced illuminated area, shortfalls and shadows.



## UtilityLite Visual - Typical area lit by a perimeter of UtilityLite LED Flex.

Much reduced dark areas with a larger area of the site safely illuminated.

