

Datasheet

RS Pro Portable Rechargeable LED Floodlight – UK Plug

RS Stock No: 126-2040



Introduction

The RS Pro floodlight is an extremely high-brightness, battery powered LED illumination unit, fully rated for outdoor use (IP65) with highly powered neutral white LEDs. At over 7,500 lumens equivalent to 750W tungsten halogen the floodlight is designed for instant illumination anywhere. It can be powered or charged from mains, all in a compact 25cm cube rugged case. The head folds flat with lens protection and strap option for carrying; the head may be pole mounted on the base unit or off the unit with multiple accessories.



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Portability & Simplicity

Simply plug in to charge, unplug once finished (up to 4 hours) then switch on. Or trickle charge from vehicle power adaptor.

A selector switch controls intensity. Diffuser lenses may be added to widen the beam from narrow spot 22 degrees up to wide angle 60 degrees.

Pole option lifts head 1.2-2m: undo head, push in pole, re-attach head, tighten and switch on. Cable is integral to the pole so no external cable.

Multi-Purpose

As a stand-alone unit is suitable for many lighting applications such as scene or scene of crime illumination, pathways, building illumination and also as a backup lighting system for power dropouts.

It may also be run from 110/240V AC power to provide an energy efficient lighting source when power is available using 1/7th the energy consumption of halogen.

The rugged design means it may be stored in the boot of a car, service vehicle or multiple units in a flight case. They can be charged from a mains connection in just 4-6 hours depending on battery option.

The attractive neutral white LEDs (4000K CCT) give the output a pleasant but highly functional task lighting for a wide variety of applications without the “cold blue hue” of traditional LED lighting.



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Light Head

- White LED Head using highest quality Cree high-brightness LED chips, Neutral White 4000K CCT.
- LED output to over 7500 lumens providing an intense brightness at 100W consumption.
- Pole system accessory available in sections of 0.75m up to 2m. Attaches to base, head mounts on top.
- Simple up/down intensity selector & LED display showing light intensity or battery level meter.
- Head tilts vertically from closed to 180° vertical for up lighting.
- Standard 22° LED narrow beam. Diffuser overlay with angles 30° (medium), 60° (wide). Others available.
- Connector into main body allows head to be mounted off-chassis or alternative heads to be connected.
- Optional accessories available to mount head on wall, tripod or anywhere using extension cables.
- Convection cooled – no fan minimising noise & maintenance. LED Lifespan >50,000 hours.

Power Source

- Can operate from battery power at 100% and from mains 80-240V/50-60Hz at 80% output.
- Continuous battery operation on dropout of mains supply for backup lighting.
- Full charge time only 4-8 hours depending on battery. Three options with run times:
- 26Ah SLA for lower cost, 2 ¾ to 20hrs (13Kg); 36Ah Lithium Ion, 5 ½ to 30hrs (9Kg);.
- 32Ah Lithium Iron Phosphate, 5 to 25hrs (10Kg) for longer service life.
- Operating temperature -20 to +50 deg C.



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