

Portalite Tripod and 110V LED Floodlights Rated up to 300W

The widespread use of high powered 110V LED on sites has resulted in the need for a robust tripod capable of supporting the weight of these powerful floodlights, at a height that will maximise the area illuminated by the luminaire. The Portalite is a 5 metre high tripod, which is designed to accept the 110V floodlights detailed below. Please note: Portalites are general purpose site tripods and are not intended for specialist applications such as the lighting of public roads.

The Portalite/5m tripod positions luminaires at a height of 5 metres above ground level and is designed to support a single LED floodlight rated from 100W to 300W. Floodlights are pre-wired with PVC Arctic grade cable 5m in length fitted with a 16A 110V IP44 plug. Floodlights and tripods are supplied separately, as detailed below.

To simplify transportation, the Portalite/5m tripod is supplied as a three part kit (plus floodlight), which requires basic assembly on site (no drilling or wiring involved).

Tripod Part Number	
Part No.	Description
S210084	Portalite/5m tripod
Floodlight Part Numbers	
Part No.	Description
S060999E	1 x 100W 110V LED floodlight c/w 5m cable and a 16A 110V IP44 plug, with bracketry to mount on to the Portalite/5m tripod.
S061000E	1 x 150W 110V LED floodlight c/w 5m cable and a 16A 110V IP44 plug, with bracketry to mount on to the Portalite/5m tripod.
S061058E	1 x 200W 110V LED floodlight c/w 5m cable and a 16A 110V IP44 plug, with bracketry to mount on to the Portalite/5m tripod.
S061059E	1 x 300W 110V LED floodlight c/w 5m cable and a 16A 110V IP44 plug, with bracketry to mount on to the Portalite/5m tripod.

The floodlights listed above comply with BS EN 60598. When mounted above a height of 3 metres, BS EN 60598-2-5 section 5.6.5 specifies that floodlights must be secured by 2 no. fixings, to ensure mechanical integrity. To meet this requirement, floodlights for the Portalite/5m are mounted on a separate cross-arm, using two fixings and the cross arm is secured to the Portalite mast via 2 no. pole clamps.

The optimum mounting height for LED floodlights rated at 200W and above is in excess of 5 metres. At these higher ratings, the best illumination results will be achieved if the tripod is located on elevated ground or if illuminating excavations or digs.

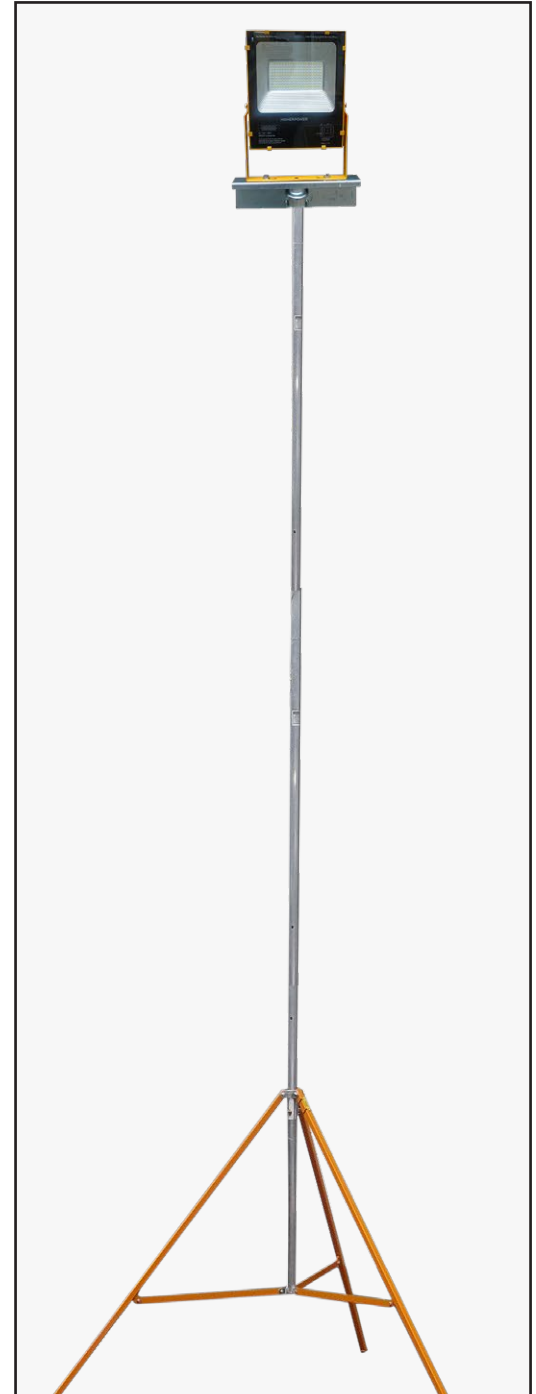


Illustration shows a Portalite tripod complete with 150W LED floodlight