

# AEL Solutions Giant Umbrella Electrical Specification

## Light Pack

4 x 8watt bulbs, allow 100watts loading.

## Heaters

1kw heaters, 4 supplied as standard per umbrella.

## Total Load

$4100\text{watts}/240\text{v} = 17.08$  amps per umbrella. All internal cable 2.5mm to take up to 20 amp load

## Supply Required

Single phase 20 amp armoured cable with 'C' type breaker to allow for initial peak. Wired through in-ground sleeve unless having commando socket installed on umbrella mast.

## Key Switch Box

Heaters protected by 10amp fuse per heater, Lighting circuit protected by 5 amp fuse.

4 settings on box; 0 = All circuits off

1 = Light only

2 = Heat only

3 = Light & Heat

## In Line Mains Connector

IP68 rated, Female end supplied with in-ground sleeve for installation prior to umbrella delivery. Male end connected to umbrella wiring for quick installation.



Base of socket to be no less than 400mm above ground level to avoid umbrella support tube and bolts

## NOTE

All umbrellas are earth bond tested before leaving factory.

All umbrellas are insulation tested before leaving factory.

All umbrellas are leak tested before leaving factory.

All umbrellas have a serial number located inside the key switch box for referral to test results, which are kept on hard copy at AEL

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