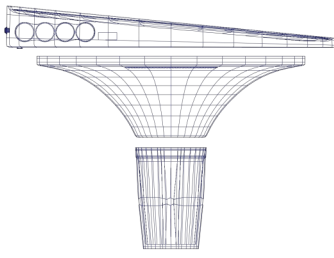
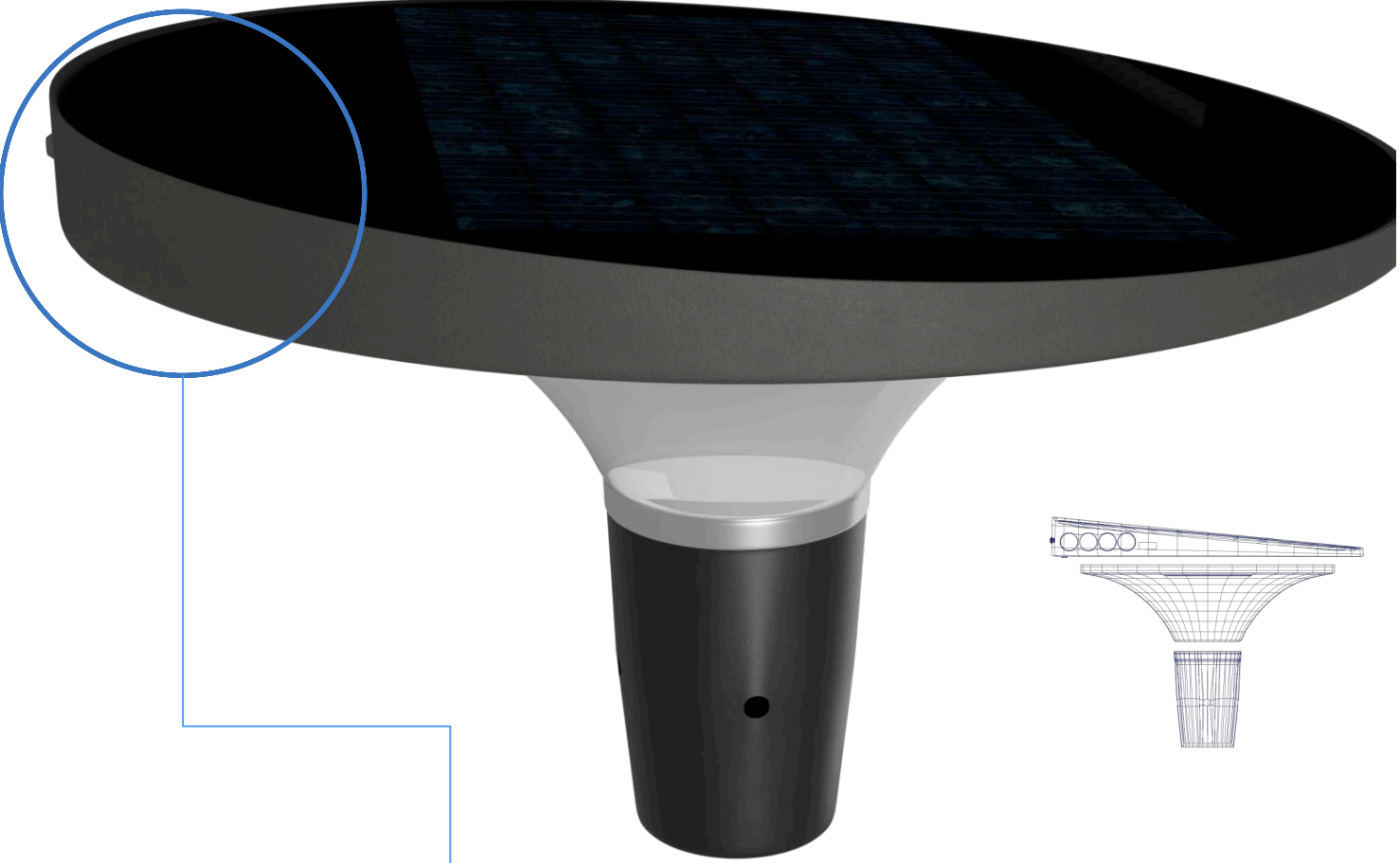
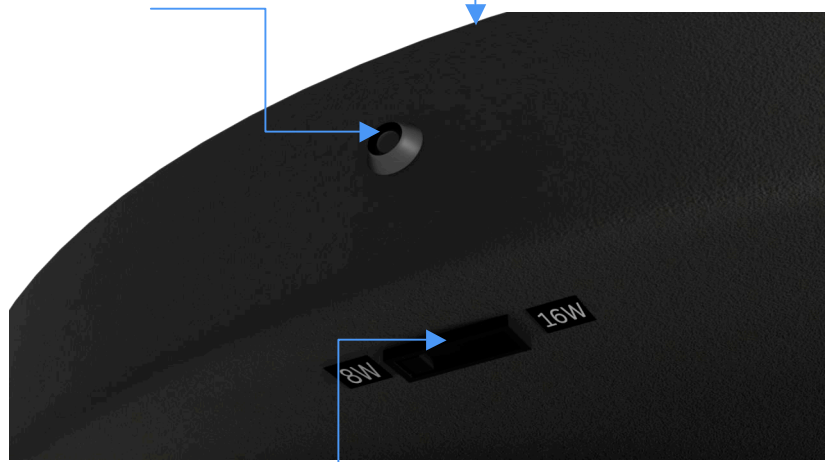


Suncatcher – Solar Post top



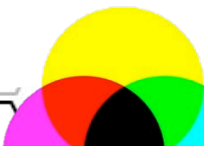
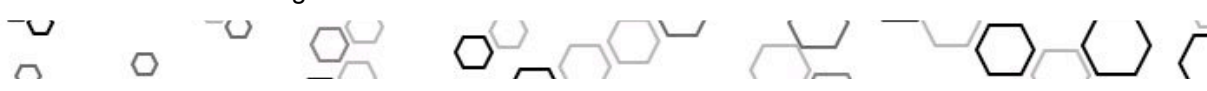
Day/night photocell

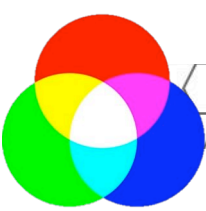


8 degree angle – Self cleaning
Better energy absorption – (aim toward s
Uncomfortable for birds to perch on.



Selectable power – use 8W if light is placed in area that does not get a full day of sunlight – to reduce draw on battery and still provide a full 12 hours of light



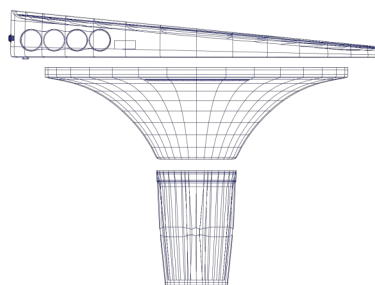
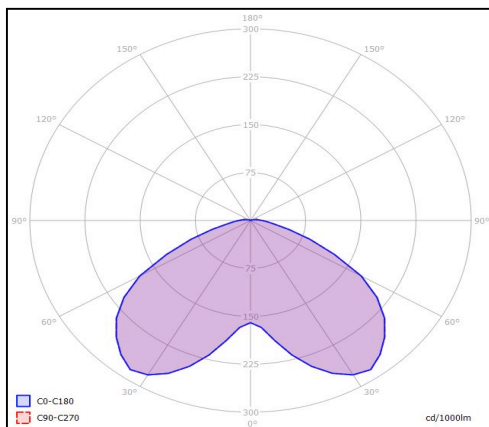


FACT FILE:

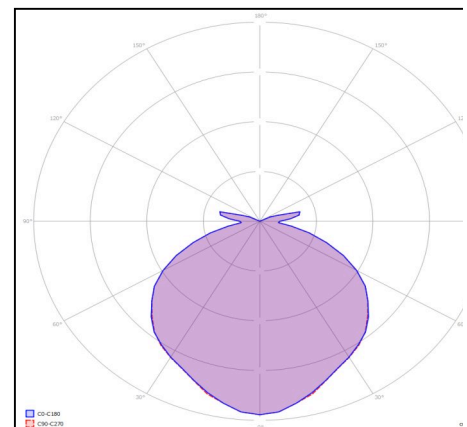


Solar panel information	
Specifications	Mono-crystalline - 595mm diameter – 35W 14V
Rated life and performance of Solar panel	20 years and 80%
Weathering resistance	Tempered glass – light to moderate hail resistant.
Battery information	
Type	Lithium Iron Phosphate (LiFePO4)
mA/hour	48000mA per hour.
Control Type	Protection against over and under charging – activated by micro day/night switch
Number of cycles	3000 – translates to 8 years if activated once every 24 hours. (Then battery pack would need to be replaced.)
Luminaire specifications	
Lid – housing the solar panel	Either marine grade aluminium or stainless steel 312. (Polypropylene to follow)
Main lens	Macrolon grade polycarbonate – UV stable for 10 years minimum in direct sunlight
Gallery or base	Glass filled nylon – to fit over 76mm to 80mm diameter pole (pole not included)
LEDs specifications	
LED type	Seoul semiconductor Z5 (3535)
LED CCT	2700K or 3000K or 4000K or 5000K – RGB possible too.
LED CRI	Typical 84 – up to 95 on request
Maximum drive current of LEDs	2000mA – however we set the current at 450mA initial – this will drop through the night in a linear fashion till sunrise – typically after 12 hours the LEDs will be operating at 330mA
Initial lumens – on PCB within light (16W)	1800 lumens – decreasing over the course of a 12 hour night to 1300 lumens
Initial lumens – on PCB within light (8W)	900 lumens – decreasing over the course of a 12 hour evening to 750 lumens
Dimensions and Mounting	
Weight	12kg
Special pole requirements	No – a normal pole with a 76mm neck is sufficient – please consult us for pole designs – dependant on height.
Recommended mounting height	4-8m
Operating temperatures range	-20 to + 45 degrees C

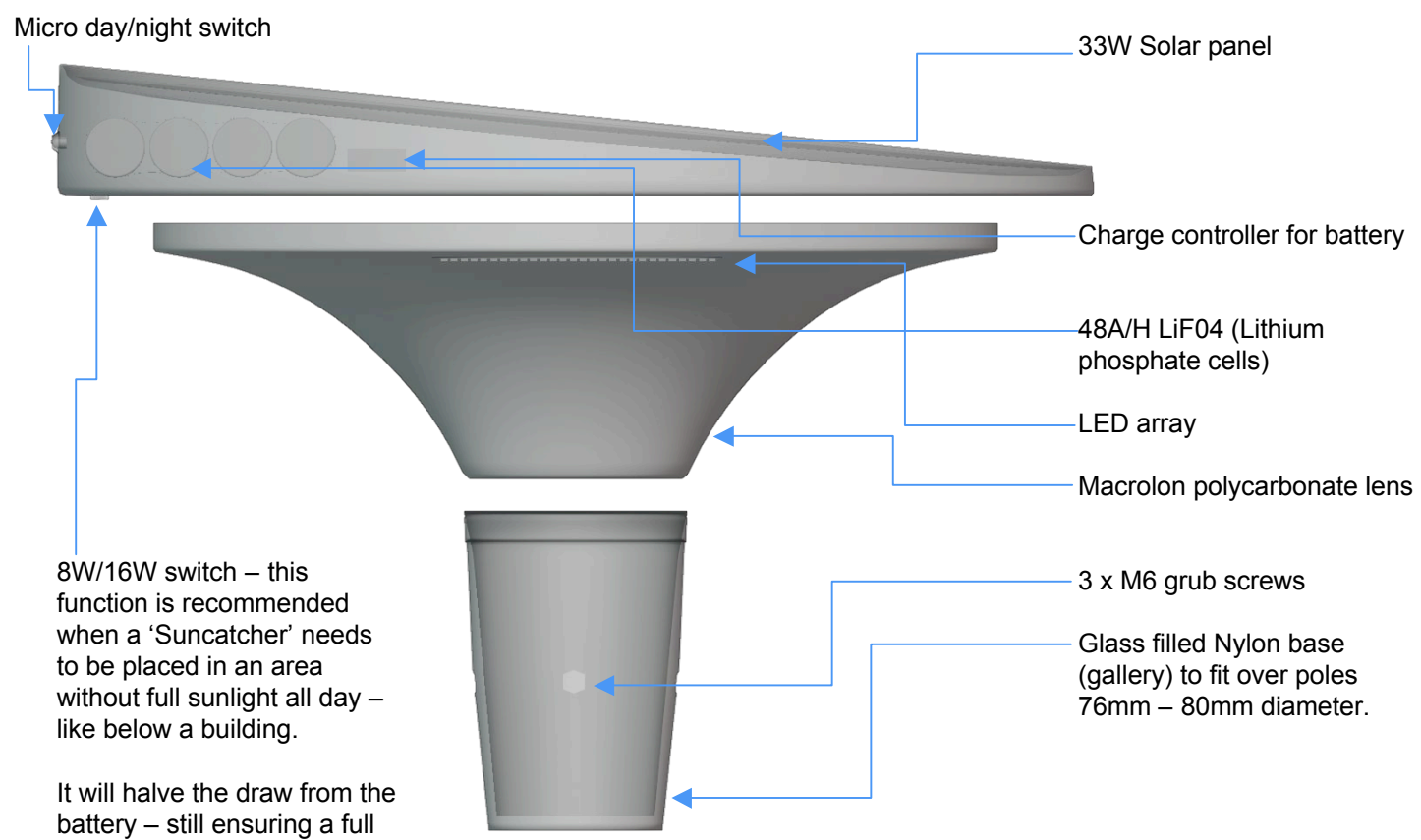
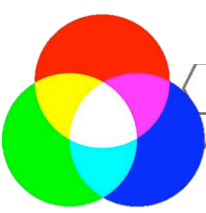
Sun catcher – opal lens – polar curve



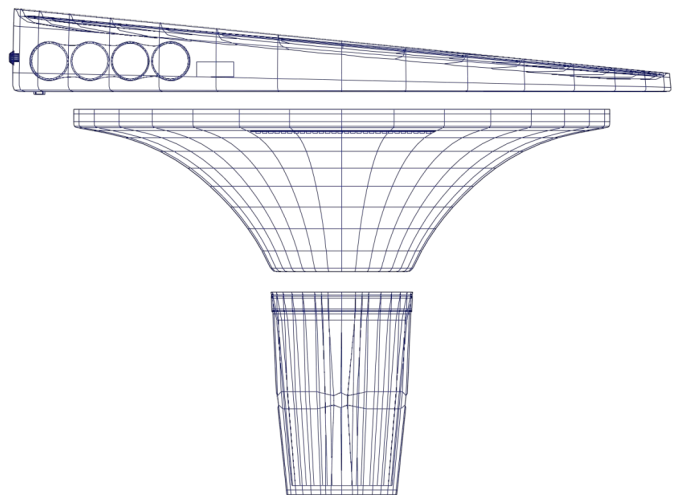
Sun catcher – clear lens – polar curve



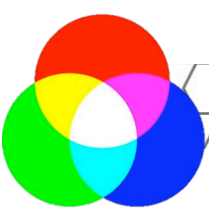
Please note that we reserve the right to change information or specifications due to product advancement and development – without notice. Always check on our website for the most up to date information



It will halve the draw from the battery – still ensuring a full night of light – the whole night.
 Activating this function will also halve the light output.



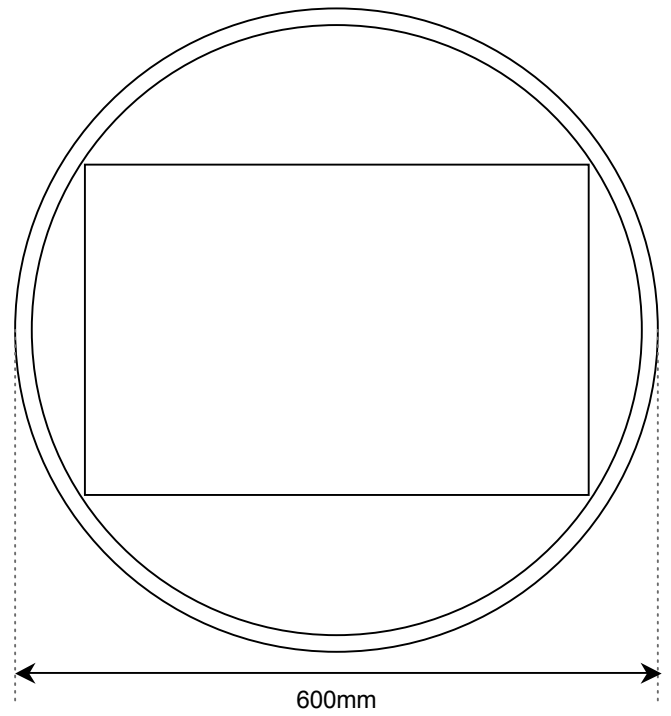
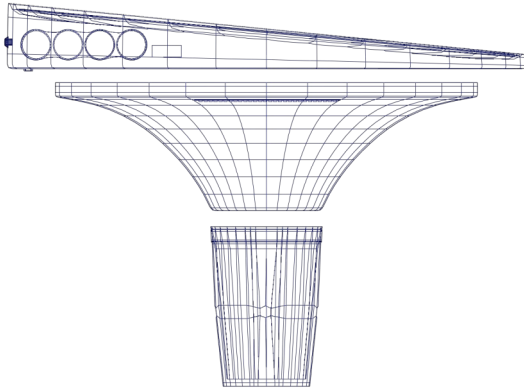
Please note that we reserve the right to change information or specifications due to product advancement and development – without notice. Always check on our website for the most up to date information



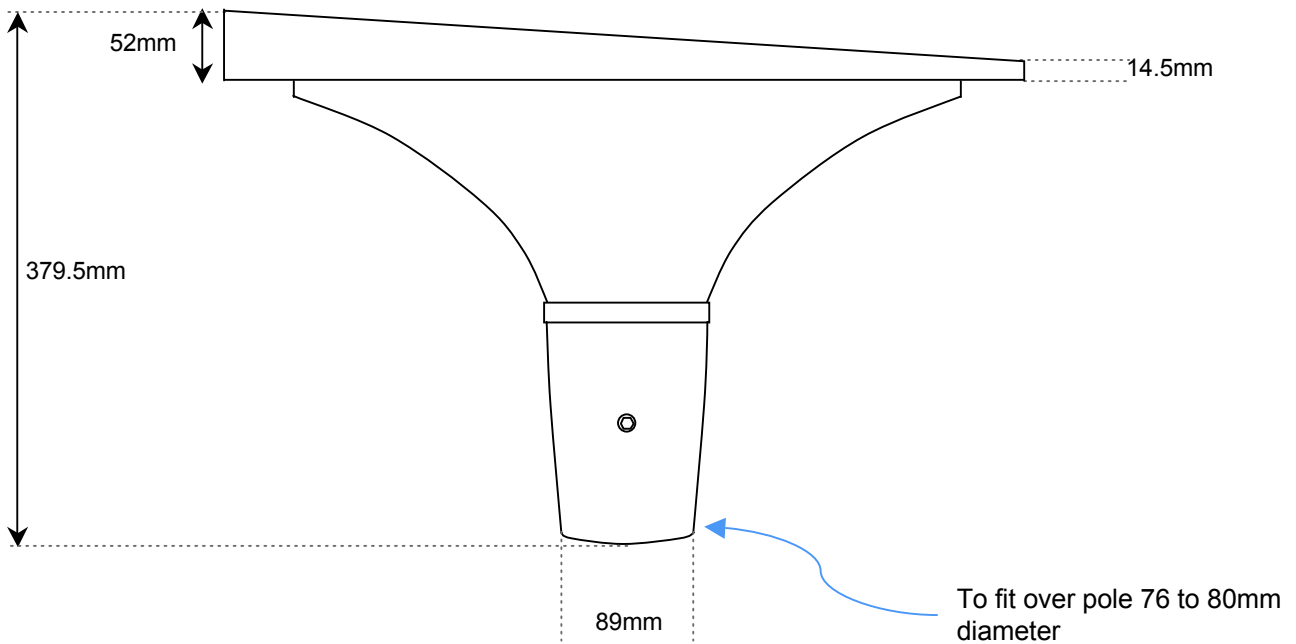
FACT FILE:



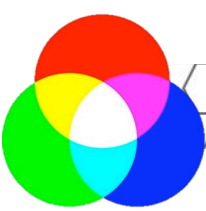
Top View:



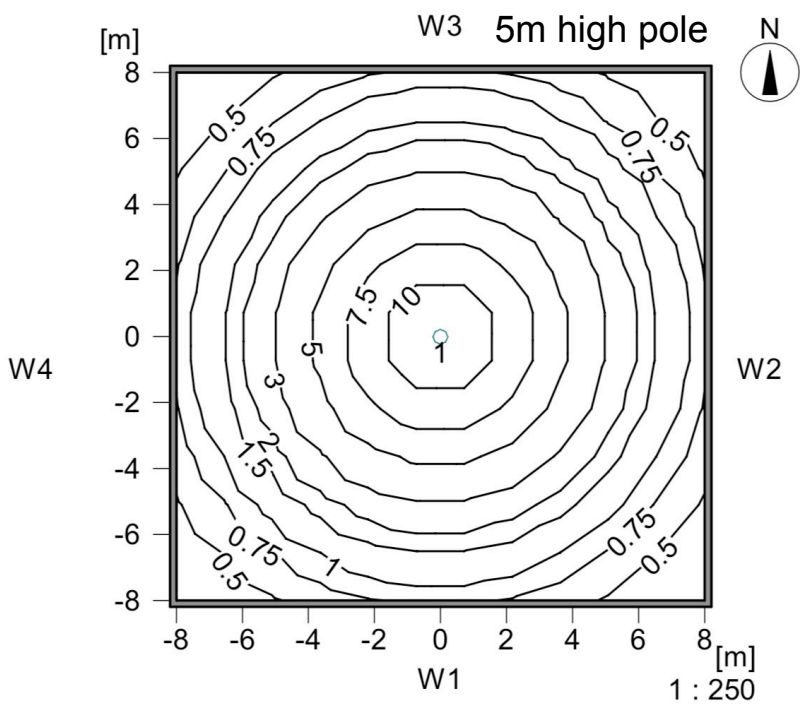
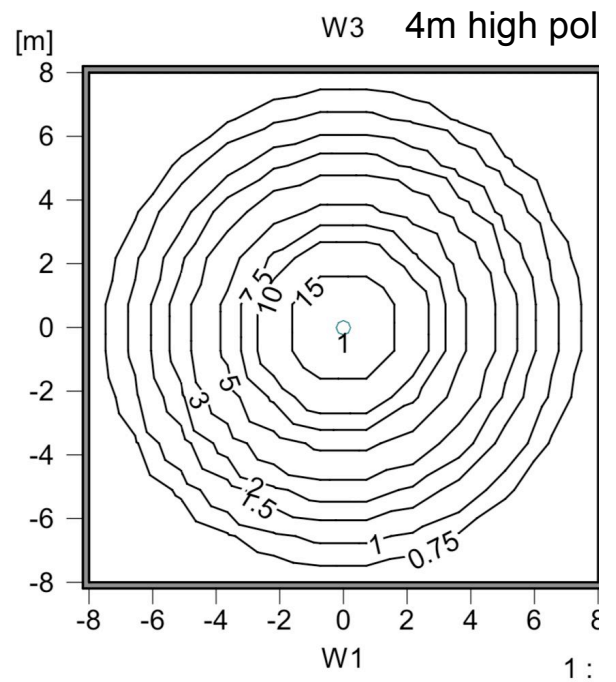
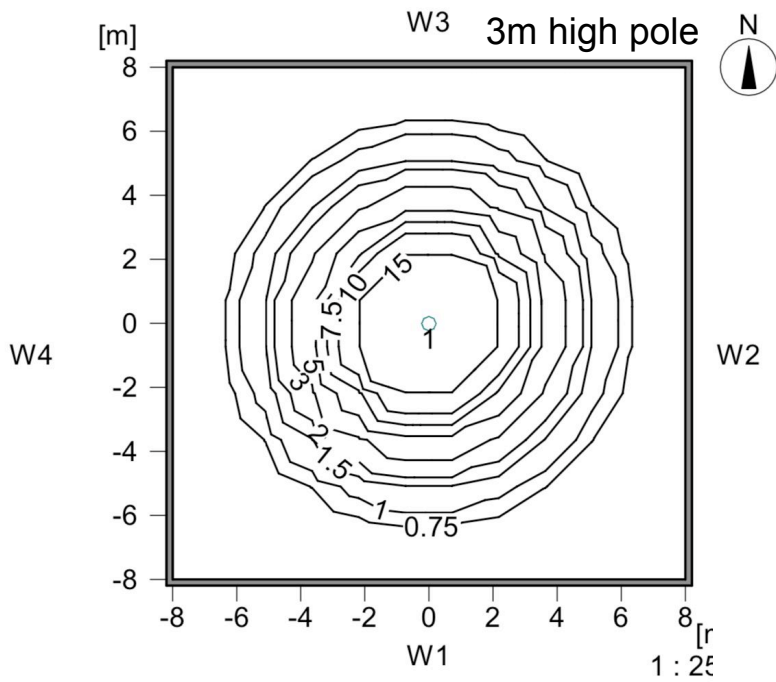
Side View:

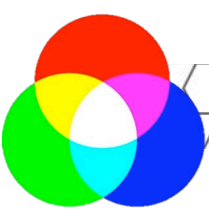


Please note that we reserve the right to change information or specifications due to product advancement and development – without notice. Always check on our website for the most up to date information



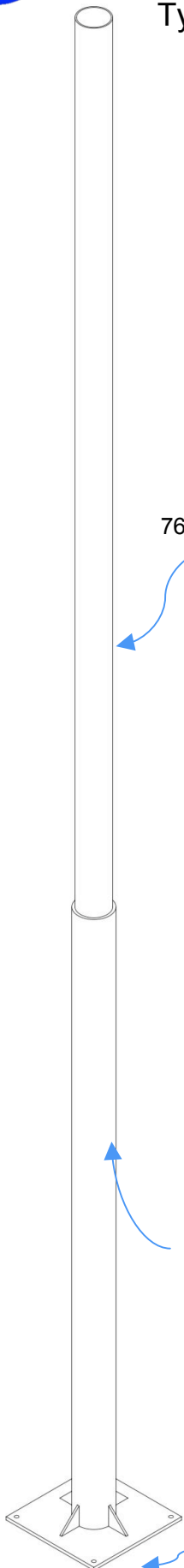
Isoline diagrams at initial full power – these levels will decrease during the evening



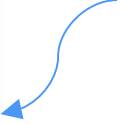


Typical stepped pole – 4m and up

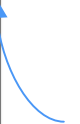
Typical straight pole – 3m maximum



76mm x 3mm thick



89mm x 3mm thick

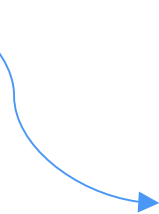


250mm X 250mm x 8mm thick – gusseted with 4 x 12mm mounting holes



Mild steel Hot dip galvanised standard

76mm x 3mm thick



200mm x 60mm x 6mm thick base for burying.

