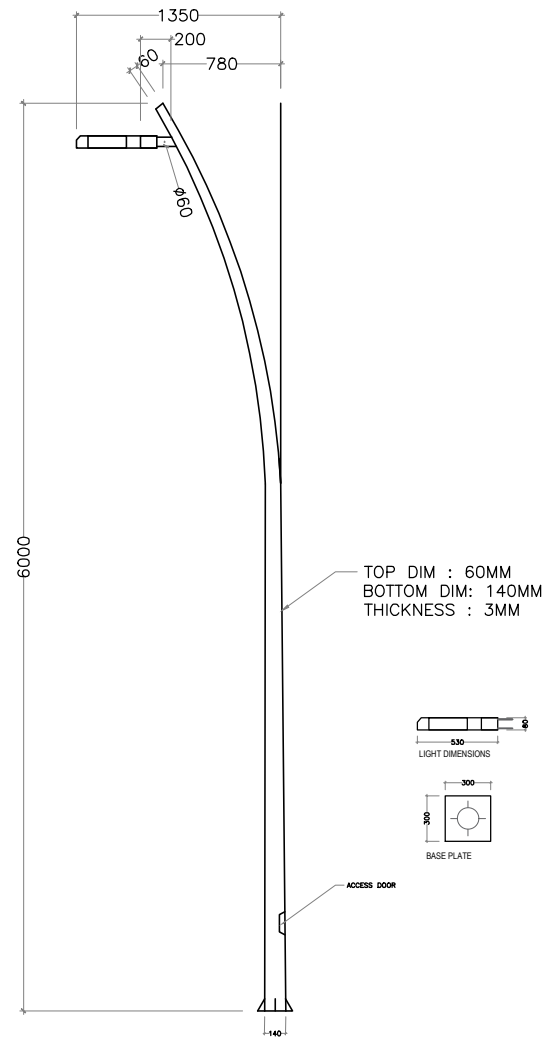


DOUBLE COLUMN



SINGLE COLUMN

**LIGHT POST DETAIL**

# TECHNICAL SPECIFICATION

## StreetLights Columns Specification:

- Minimum height of 6m with a service door.
- Designed to withstand wind speed of 35 m/s, topography, ground roughness and statistical factor of 1.0.
- Base diameter of the light column must be at least 150 mm diameter.
- Base plate thickness – Minimum 10mm.
- Minimum bolt diameter 20mm.
- Columns should be manufactured in compliance to British standard BS EN 40.
- Material used for lighting columns should be compliance to BS EN 10025 S275/JISG3101 SS400.
- Lighting columns should be longitudinally seam welded conforming to BS 5135 by automatic continuous metal inert gas (mig) process.
- Columns should be anti-corroded by hot dip galvanization complying with galvanizing standard BS EN ISO 1461. A minimum of 100-micron thickness of galvanizing is required.
- Hot dip galvanization must be to BS 729 and this must be stated in the declaration and manufacturer catalogue.

## Luminaire Specification:

- Power: Minimum of 100-120 W
- Fitting Material: Non-corrosive die-cast Aluminium
- Optical Cover: 95% Transparent Tempered Glass
- IP Rating: IP65/IP66
- Voltage: 220 - 240Vac 50/60Hz
- LED Module Specifications
- Colour Temperature: 3000K Warm White
- Colour Rendering Index: >70
- Lux: 20