

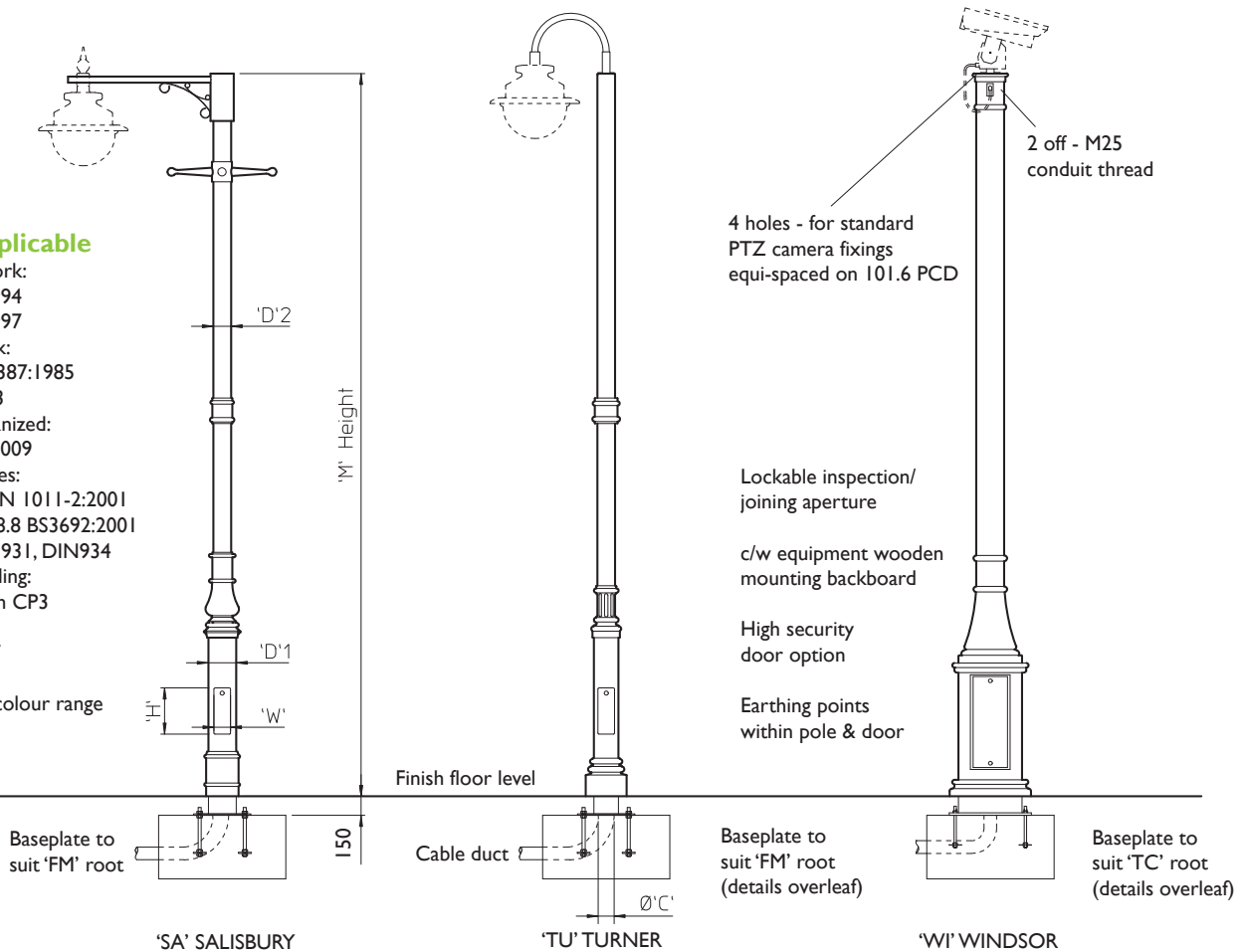
Technical Specification

Model Ref.	'M' Height	Base size 'D1'	Column size 'D2'	Baseplate size 'L x W'	Cable access hole Ø'C'	Door aperture 'H' x 'W'	Maximum equip cap'ty	Weight Kgs.
FMVSA3		Ø168	Ø114	450 x 450	Ø200	455 x 110	25Kg.	192Kg.
FMVTU3	3 metres	Ø193	Ø139	450 x 450	Ø180	360 x 110	25Kg.	175Kg.
TCVWI3		500 Sq.	Ø168	645 x 645	Ø250	746 x 312	25Kg.	216Kg.
FMVSA4		Ø168	Ø114	450 x 450	Ø200	455 x 110	25Kg.	208Kg.
FMVTU4	4 metres	Ø193	Ø139	450 x 450	Ø180	360 x 110	25Kg.	191Kg.
TCVWI4		500 Sq.	Ø168	645 x 645	Ø250	746 x 312	25Kg.	232Kg.
FMVSA6		Ø219	Ø139	450 x 450	Ø200	455 x 110	25Kg.	241Kg.
FMVTU6	6 metres	Ø193	Ø139	450 x 450	Ø180	360 x 110	25Kg.	224Kg.
TCVWI6		500 Sq.	Ø168	645 x 645	Ø250	746 x 312	25Kg.	265Kg.
TCVWI8	8 metres	500 Sq.	Ø168	645 x 645	Ø250	746 x 312	25Kg.	299Kg.
TCVWI10	10 metres	500 Sq.	Ø219	645 x 645	Ø250	746 x 312	25Kg.	333Kg.

All dimensions in mm unless otherwise stated

Standards Applicable

- Structural Steelwork:
BS EN 10210-1:1994
BS EN 10210-2:1997
- General Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993
- Hot Dipped Galvanized:
BS EN ISO 1461:2009
- Welding Procedures:
Comply with BS EN 1011-2:2001
- Fasteners: Grade 8.8 BS 3692:2001
BS 4190:2001, DIN 931, DIN 934
- Design Wind Loading:
In accordance with CP3
chapter V Pt 2 &
BS 6399 Pt 2:1997
- Paint Finishes:
BS 4800 and RAL colour range



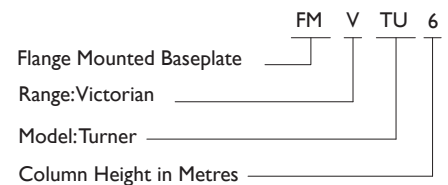
Accessories & Adaptors

- FMV/ACB Anti-Climb Bracket
- FMV/Paint Paint to BS4800 & RAL Colours
- FMV/SDA Swept Dome Adaptor
- FMV/SDA2 Swept Dome Adaptor Dual
- FMV/PT1-S2 1 Pan & Tilt c/w 2 Static Adaptors
- FMV/TPTA Twin Pan & Tilt Adaptor
- FMV/4SA Quadruple Static Adaptor

- FMV/3SA Triple Static Adaptor
- FMV/2SA Twin Static Adaptor
- FMV/1SA Pan & Tilt - Single Fixed
- FMV/CSI150-300 Column Spacers 150mm-300mm
- FMV/TBC Telemetry Clamp Bracket
- FMV/HSD-F High Security Door Option

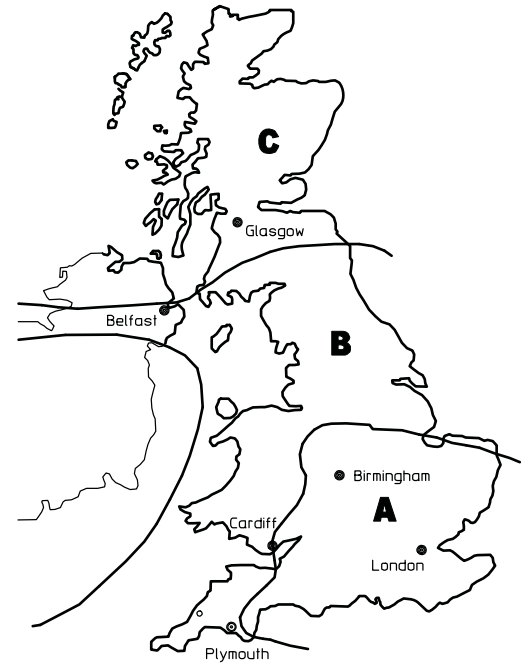
- Triple Static Adaptor
- Twin Static Adaptor
- Pan & Tilt - Single Fixed
- Column Spacers 150mm-300mm
- Telemetry Clamp Bracket
- High Security Door Option

Product Ref & Ordering Information



Base and Windload Specification

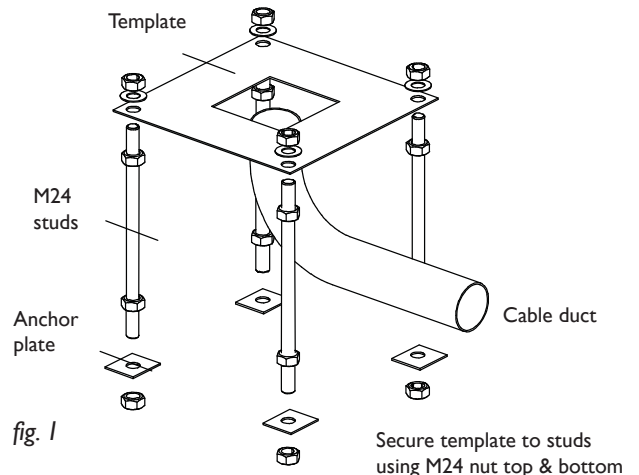
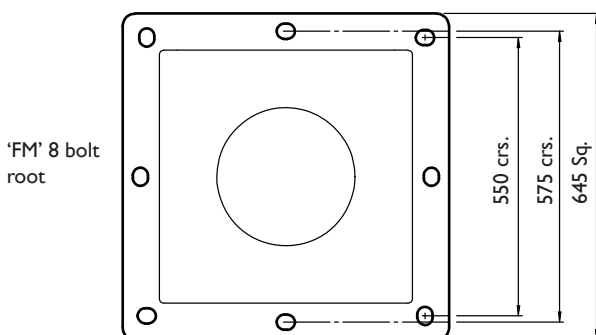
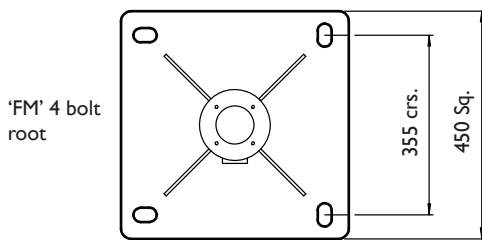
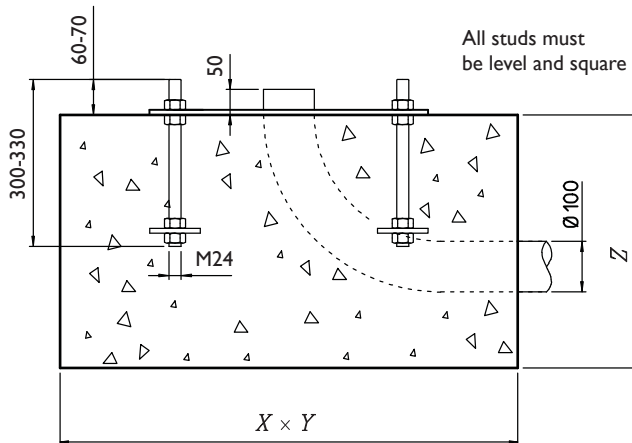
Concrete Foundation Table X x Y x Z							
Model Ref	Height	Area of Country			Area of Town		
		A	B	C	A	B	C
FMVTU3 FMVSA3 TCVW13	3m	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.
FMVTU4 FMVSA4 TCVW14	4m	0.9x0.9x 0.45m Dp.	0.9x0.9x 0.45m Dp.	0.9x0.9x 0.45m Dp.	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.	0.9x0.9x 0.45m Dp.
FMVTU5 FMVSA5 TCVW15	5m	1.0x1.0x 0.5m Dp.	1.0x1.0x 0.5m Dp.	1.0x1.0x 0.5m Dp.	0.9x0.9x 0.45m Dp.	0.9x0.9x 0.45m Dp.	1.0x1.0x 0.5m Dp.
FMVTU6 FMVSA6 TCVW16	6m	1.1x1.1x 0.55m Dp.	1.1x1.1x 0.55m Dp.	1.2x1.2x 0.6m Dp.	1.0x1.0x 0.5m Dp.	1.1x1.1x 0.55m Dp.	1.1x1.1x 0.55m Dp.
FMVTU8 FMVSA8 TCVW18	8m	1.3x1.3x 0.65m Dp.	1.3x1.3x 0.65m Dp.	1.4x1.4x 0.7m Dp.	1.2x1.2x 0.6m Dp.	1.2x1.2x 0.6m Dp.	1.3x1.3x 0.65m Dp.
FMVTU10 FMVSA10 TCVW110	10m	1.5x1.5x 0.75m Dp.	1.5x1.5x 0.75m Dp.	1.6x1.6x 0.8m Dp.	1.4x1.4x 0.7m Dp.	1.4x1.4x 0.7m Dp.	1.5x1.5x 0.75m Dp.



A minimum soil bearing pressure of 75 KN/m² is assumed

Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly.
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommended for this



FM Root Assembly