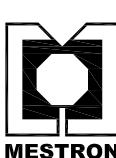
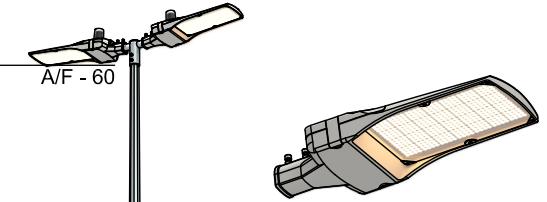


WEIGHT (KGS) : 128 KGS

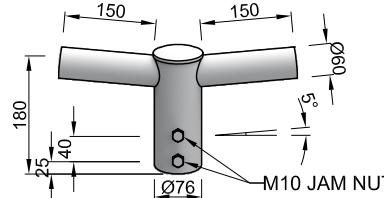


MESTRON ENGINEERING
SDN BHD (591970-X)

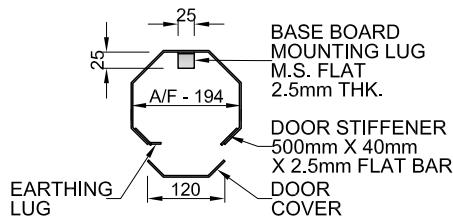
TEL : +603 . 8069 1815
FAX : +603 . 8069 1805
EMAIL : info@mestron.com.my
WEB : www.mestron.com.my



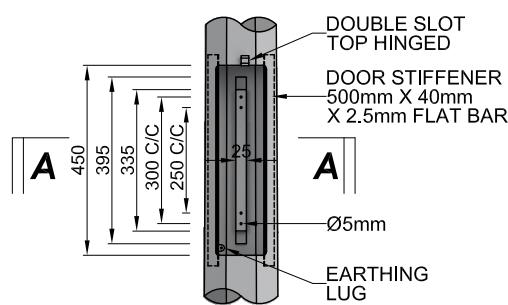
MAX SAIL AREA 0.3 M²



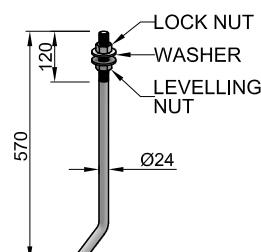
0.15M DOUBLE ARM



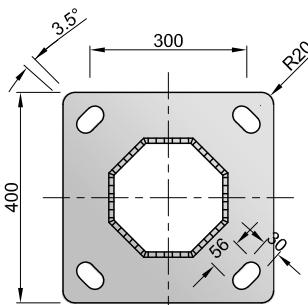
SECTION A-A



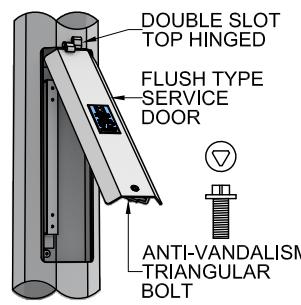
SERVICE DOOR DETAIL



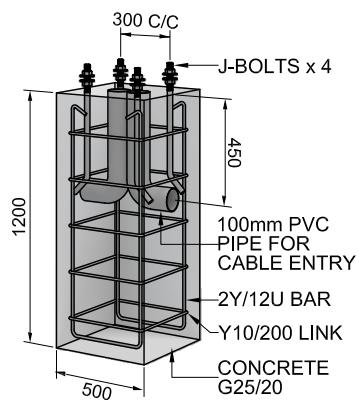
J-BOLT GRADE 4.8



FLANGE PLATE 18mm THK



SERVICE DOOR DIAGONAL VIEW



FOOTING DETAIL

TECHNICAL SPECIFICATION

- MESTRON LIGHTING POLE COMPLY TO BS EN 40-5 : 2002 "LIGHTNING COLUMNS, REQUIREMENT FOR STEEL LIGHTING COLUMNS"
- DESIGN OF MESTRON POLE ARE COMPREHENSIVELY ANALYSED USING STAAD. PRO V8i STRUCTURAL DESIGN SOFTWARE TO WITHSTAND 35 M/S WIND-SPEED AT 3 SECOND GUST EQUIVALENT TO 20.6 M/S OF 10 MINUTES MEAN WIND VELOCITY AT 10M HEIGHT WITH TOPOGRAPHY, TERRAIN ROUGHNESS AND STATISTICAL FACTOR OF 1.0
- MESTRON POLE DESIGN VALIDATED BY TYPE TEST "DESIGN AND VARIFICATION, VERIFICATION BY TESTING" IN ACCORDANCE TO BS EN 40-3-2 : 2013
- MATERIAL USED FOR MESTRON LIGHTING POLE COMPLY TO BS EN 10025 S275 JR : 2004 / JIS G3101 : 2010 SS400 WITH MINIMUM YIELD AND TENSILE STRENGTH OF 275 MPa AND 430 MPa RESPECTIVELY
- WELDING PROCESS OF MESTRON LIGHTING POLE IN COMPLIANCE TO WELDING PROCESS SPECIFICATION AS PER BS EN 1011-2 : 2001
- MESTRON PRODUCTS ARE PROTECTED WITH ANTI-CORROSION TREATMENT WITH HOT-DIP GALVANIZED COATINGS ON FABRICATED IRON AND STEEL ARTICLES IN ACCORDANCE TO ISO 1461 : 2009

12M OCTAGONAL LIGHTING POLE		FLANGE MOUNTED TYPE
0.15M DOUBLE ARM		
DRAWN BY	: ALIF	THIS DRAWING IS THE PROPERTY OF MESTRON ENGINEERING SDN. BHD. AND MUST NOT BE REPRODUCED OR MISUSED WITHOUT THEIR PRIOR CONSENT IN WRITING.
CHECKED BY	: NEO	
DRAWING NO.	: 12M-FM-0.15-DSA	
ISSUE OF DATE : 27-11-2025		

