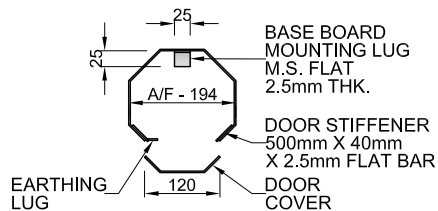
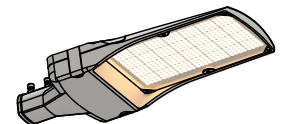


#### TECHNICAL SPECIFICATION

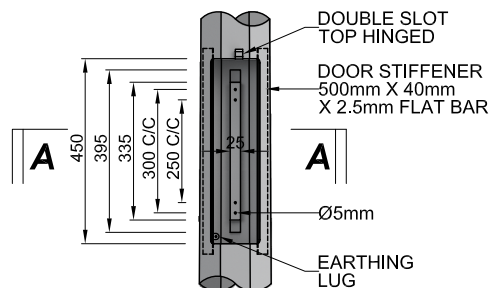
- MESTRON LIGHTING POLE COMPLY TO BS EN 40-5 : 2002 "LIGHTNING COLUMNS, REQUIREMENT FOR STEEL LIGHTING COLUMNS"
- DESIGN OF MESTRON POLE ARE COMPREHENSIVELY ANALYSED USING STAAD. PRO V8i STRUCTURAL DESIGN SOFTWARE TO WITHSTAND 35 M/S WIND-SPEED AT 3 SECOND GUST EQUIVALENT TO 20.6 M/S OF 10 MINUTES MEAN 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-CORROSIVE TREATMENT WITH HOT-DIP GALVANIZED COATINGS ON FABRICATED IRON AND STEEL ARTICLES IN ACCORDANCE TO ISO 1461 : 2009



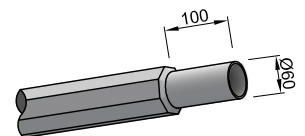
**SECTION A-A**



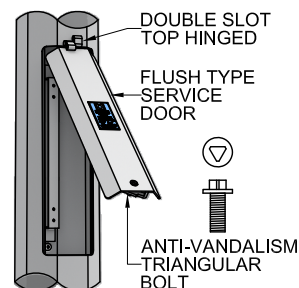
**MAX SAIL AREA 0.3 M<sup>2</sup>**



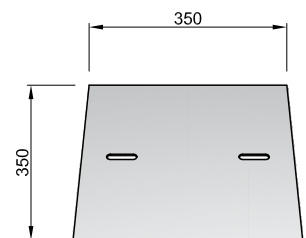
**SERVICE DOOR  
DETAIL**



**SPIGOT DETAIL**



**SERVICE DOOR  
DIAGONAL VIEW**



**BASE PLATE**  
2.5mm THK

WEIGHT (KGS) : 151 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

12M OCTAGONAL LIGHTING POLE PLANTED TYPE  
2.5M DOUBLE ARM

DRAWN BY : ALIF  
CHECKED BY : NEO  
DRAWING NO. : 12M-PT-2.5-DA

THIS DRAWING IS THE PROPERTY OF  
MESTRON ENGINEERING SDN. BHD. AND MUST  
NOT BE REPRODUCED OR MISUSED WITHOUT  
THEIR PRIOR CONSENT IN WRITING.

ISSUE OF DATE : 26-11-2025

