

TECHNICAL SPECIFICATIONS

1) DESIGN CONDITIONS

- 1.1 BASIC WIND SPEED : 35 m/s (BS 5649) SUPERSEDED BY BS EN 40-3-1
- 1.2 10 MINUTES MEAN WIND VELOCITY : 20.6 m/s (BS EN 40-3-1) EQUIVALENT TO BS 5649 3-SEC GUST BASIC WIND SPEED OF 35 m/s

- 1.3 TOTAL LUMINAIRES SAIL AREA : 0.5 m²
- 1.4 TOTAL WEIGHT OF LUMINAIRES : 50 KG

2) STANDARDS

- 2.1 POLE DESIGN : BS EN 40-3-1 & BS EN 40-3-3 EN 12767 CLASS 0 : BS EN 10025 S275JR
- 2.2 MATERIAL : BS EN 1011-2
- 2.3 WELDING (ELECTRIC ARC WELDING) : BS EN ISO 1461 / BS 729
- 2.4 GALVANIZING

3) TESTING PROCEDURES

- : DIMENSIONAL VERIFICATION, GALVANIZING THICKNESS, MATERIAL STRENGTH & THICKNESS TYPE TEST: BS EN 40-3-2

4) QUALITY CONTROL PROCEDURES

- : THE SUPPLIER / MANUFACTURER AND GALVANIZER SHALL BE ISO 9001 : 2015 ACCREDITED

MANUFACTURER'S COMPLIANCE

1) LOCALLY MANUFACTURED PRODUCTS

- MANUFACTURER'S DECLARATION THAT POLE SECTIONS AND COMPONENTS ARE "MADE IN MALAYSIA" IN COMPLIANCE TO MOF "SURAT PEKELILING PERBENDAHARAAN BIL.7 TAHUN 2002".
- HOT ROLLED STEEL COIL WITH LOCAL STEEL MILL CERTIFICATES.

2) MANUFACTURING AND HOT DIP GALVANIZING

- PREFERRED IN-HOUSE MANUFACTURING WITH HOT DIP GALVANIZING PROCESSES.

3) PROVIDE COMPULSORY TESTING AT MANUFACTURER'S FACTORY

- TYPE TEST TO BS EN 40-3-2
- GALVANIZING TEST
- MATERIAL TEST
- WELDING TEST BY DYE PENETRANT

4) CERTIFICATION

- JKR / ISO / SIRIM

5) REGISTRATION

- MITI / IKRAM / MOF / CIDB

6) TRACK RECORD

- EVIDENCE OF MIN. 10 YEARS MANUFACTURING & SUPPLY TRACK RECORDS.

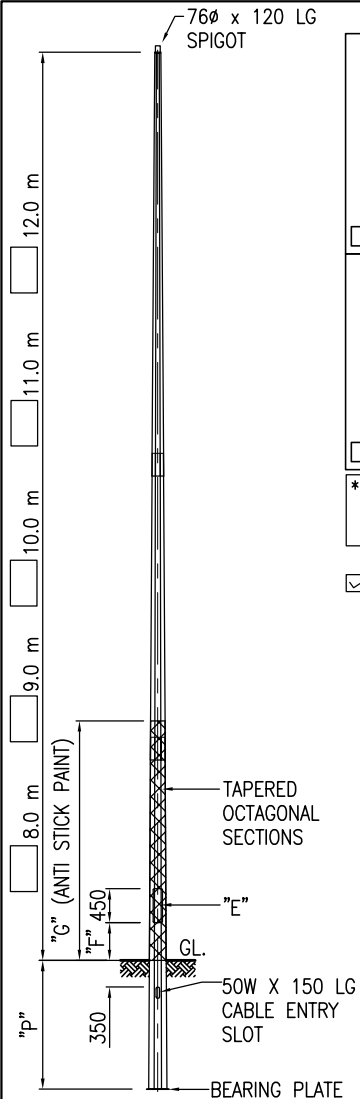
7) PE ENDORSEMENT

- PE ENDORSEMENT MANDATORY FOR ALL POLE DESIGN CALCULATIONS & DRAWINGS FOR SUBMISSION.

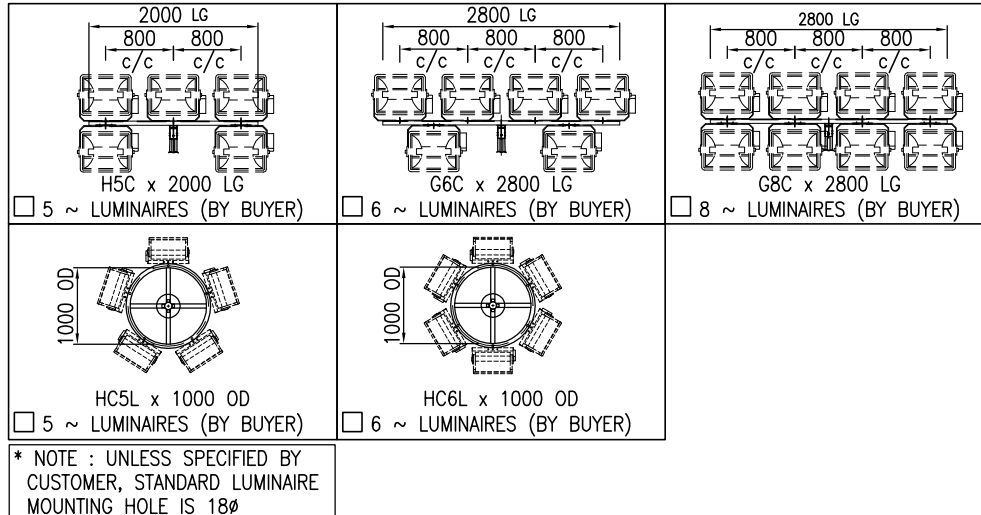
8) DESIGN CALCULATION

- DESIGN CALCULATIONS INCORPORATING UNFACTORED GROUND REACTIONS SHALL BE VALIDATED, REVIEWED AND APPROVED.

* UTILITY INNOVATION APPLICATION NO : UI 2012001805



PLANTED DEPTH "P"	
POLE HEIGHT	DEPTH (MM)
8.0 m	1300
9.0 m	1400
10.0 m	1500
11.0 m	1600
12.0 m	1700



TICK WHERE APPLICABLE

* NOTE : UNLESS SPECIFIED BY CUSTOMER, STANDARD LUMINAIRE MOUNTING HOLE IS 18φ

"E" DOOR TYPE

- STEEL
- FIBRE WITH _____ WORDING

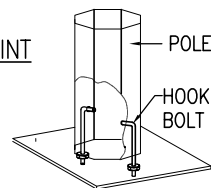
"F" DOOR FROM GROUND

- 500 mm
- _____ mm

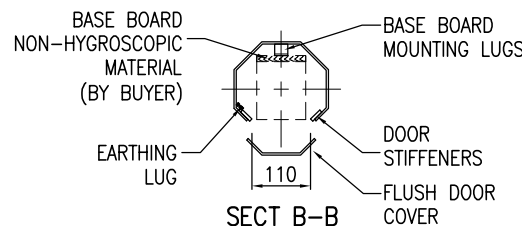
"G" ANTI STICK PAINT

FROM GROUND

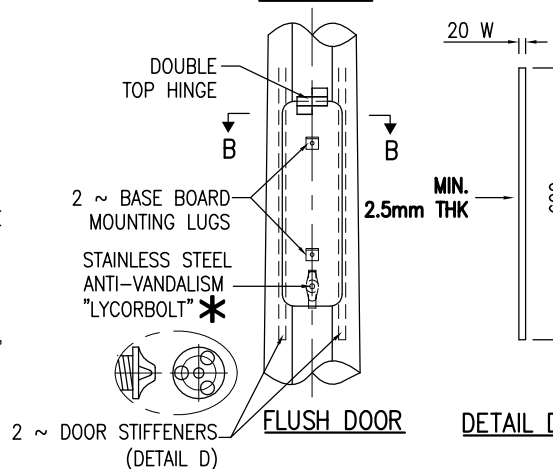
- 2.5 m
- _____ m
- NOT REQUIRED



ISOMETRIC VIEW
BASE SECTION



SECT B-B



DETAIL D

CUSTOMER APPROVED DRAWING
FOR MANUFACTURE

(Co. stamp, sign & date)

D	AS NOTED ABOVE	TUNG	LSK	13.12.18	© LMSB, All Rights Reserved. This printout is copyright and shall not be reproduced without written permission from Lysaght Marketing Sdn Bhd. The Company reserves the right to make alterations to design without notice.
C	WARRANTY	THOO	LSK	13.06.18	
B	WARRANTY	THOO	LSK	01.08.16	
A	TYPE OF POLE	SOON	LSK	13.06.16	
REV	DETAILS	BY	CHD	DATE	

PRELIMINARY DRAWING FOR TENDER PURPOSES ONLY

PROJECTION

ALL DIMS ARE SUBJECT TO MANUFACTURING TOLERANCES

CLIENT : _____

PROJECT : _____

DRAWN : SHA CHD: *Chin Ah Kuan* DATE: 10.01.12

LYSAGHT MARKETING SDN BHD
CO. NO.: 102382-M

TITLE : 8m ~ 12m VERTICAL LIGHTING COLUMN (PLANTED V-TYPE)

SCALE : 1 : 75 SHEET 3 of 3 REV A B C D

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DWG./REF. NO. V080PA ~ V120PA

DIMENSIONS IN mm UNLESS STATED

SHEET SIZE A4