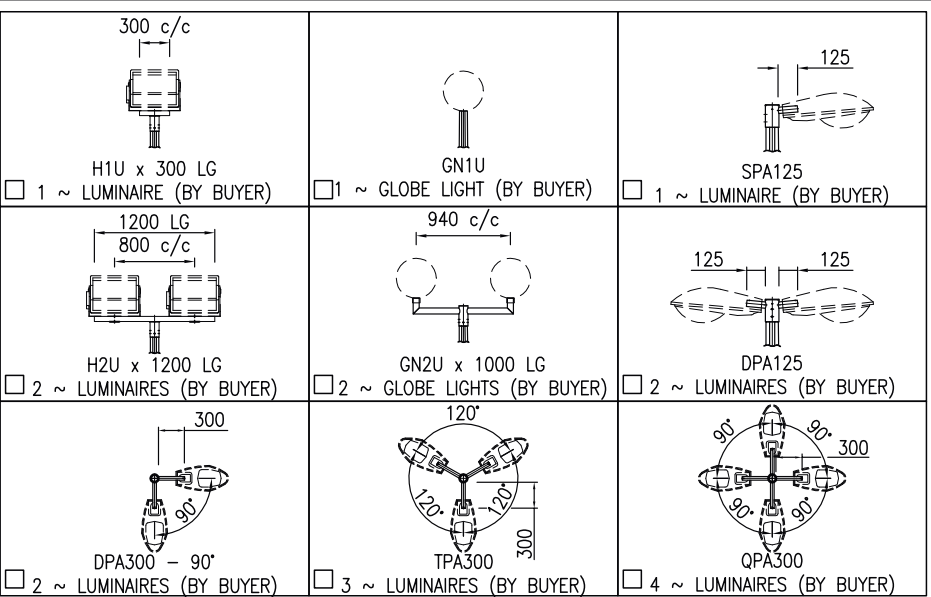
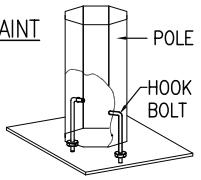


PLANTING DEPTH "P"	
POLE HEIGHT	DEPTH (MM)
6.0 m	1100
7.0 m	1200

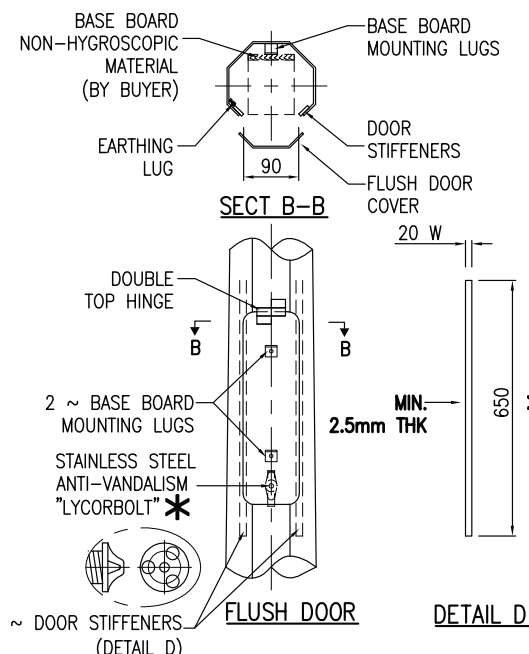


\* NOTE : UNLESS SPECIFIED BY CUSTOMER, STANDARD LUMINAIRE MOUNTING HOLE IS 18ø  
 TICK WHERE APPLICABLE

- "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



TILT "θ"	
0°	<input type="checkbox"/>
5°	<input type="checkbox"/>
10°	<input type="checkbox"/>
15°	<input type="checkbox"/>



- ### TECHNICAL SPECIFICATIONS
- DESIGN CONDITIONS
    - BASIC WIND SPEED : 35 m/s (BS 5649) SUPERSEDED BY BS EN 40-3-1
    - 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
    - TOTAL LUMINAIRE SAIL AREA : 0.5 m<sup>2</sup>
    - TOTAL WEIGHT OF LUMINAIRE : 50 KG
  - STANDARDS
    - POLE DESIGN : BS EN 40-3-1 & BS EN 40-3-3 EN 12767 CLASS 0
    - MATERIAL : BS EN 10025 S275JR
    - WELDING (ELECTRIC ARC WELDING) : BS EN 1011-2
    - GALVANIZING : BS EN ISO 1461 / BS 729
  - TESTING PROCEDURES : DIMENSIONAL VERIFICATION, GALVANIZING THICKNESS, MATERIAL STRENGTH & THICKNESS TYPE TEST: BS EN 40-3-2
  - QUALITY CONTROL PROCEDURES : THE SUPPLIER / MANUFACTURER AND GALVANIZER SHALL BE ISO 9001 : 2015 ACCREDITED
- ### MANUFACTURER'S COMPLIANCE
- 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.  
 -PREFERRED IN-HOUSE MANUFACTURING WITH HOT DIP GALVANIZING PROCESSES.
  - MANUFACTURING AND HOT DIP GALVANIZING : -TYPE TEST TO BS EN 40-3-2
  - PROVIDE COMPULSORY TESTING AT MANUFACTURER'S FACTORY : -GALVANIZING TEST  
 -MATERIAL TEST  
 -WELDING TEST BY DYE PENETRANT
  - CERTIFICATION : -JKR / ISO / SIRIM
  - REGISTRATION : -MITI / IKRAM / MOF / CIDB
  - TRACK RECORD : -EVIDENCE OF MIN. 10 YEARS MANUFACTURING & SUPPLY TRACK RECORDS.
  - PE ENDORSEMENT : -PE ENDORSEMENT MANDATORY FOR ALL POLE DESIGN CALCULATIONS & DRAWINGS FOR SUBMISSION.
  - DESIGN CALCULATION : -DESIGN CALCULATIONS INCORPORATING UNFACTORED GROUND REACTIONS SHALL BE VALIDATED, REVIEWED AND APPROVED.

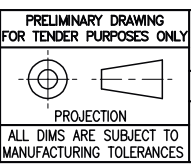
\* UTILITY INNOVATION APPLICATION NO : UI 2012001805

CUSTOMER APPROVED DRAWING  
FOR MANUFACTURE

(Co. stamp, sign & date)

D	AS NOTED ABOVE	TUNG	LSK	13.12.18
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

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PRELIMINARY DRAWING FOR TENDER PURPOSES ONLY

CLIENT : \_\_\_\_\_

PROJECT : \_\_\_\_\_

DRAWN : SHA CHD : \_\_\_\_\_ DATE: 10.01.12

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

TITLE : 6m ~ 7m VERTICAL LIGHTING COLUMN (PLANTED RV-TYPE)

SCALE : 1 : 45 SHEET 1 of 2 REV A B C D

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DWG./REF. NO. RV060PA ~ R070PA

DIMENSIONS IN mm UNLESS STATED

SHEET SIZE A4

**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 m<sup>2</sup>  $\triangle$
- 1.4 TOTAL WEIGHT OF LUMINAIRES : 50 KG  $\triangle$

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

**3) TESTING PROCEDURES**

**4) QUALITY CONTROL PROCEDURES**

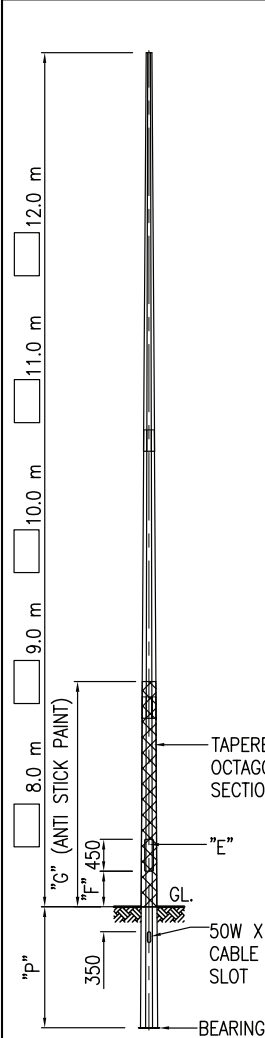
- : THE SUPPLIER / MANUFACTURER AND GALVANIZER SHALL BE ISO 9001 : 2015 ACCREDITED

**MANUFACTURER'S COMPLIANCE**

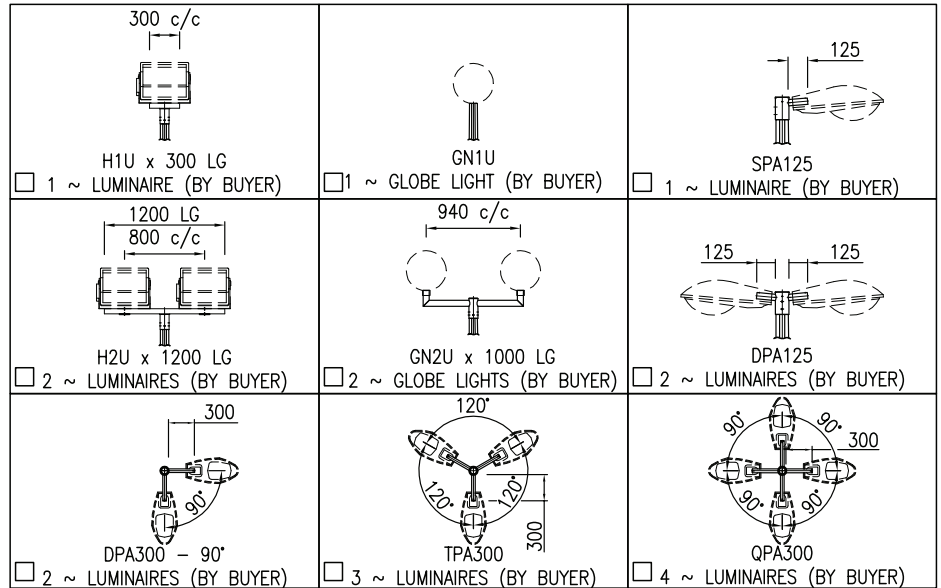
- 1) LOCALLY MANUFACTURED PRODUCTS : -MANUFACTURER'S DECLARATION THAT POLE SECTIONS AND COMPONENTS ARE "MADE IN MALAYSIA" IN COMPLIANCE TO MOF "SURAT PEKELILING PERBENDAHARAAN BIL.7 TAHUN 2002".  
-HOT ROLLED STEEL COIL WITH LOCAL STEEL MILL CERTIFICATES.
- 2) MANUFACTURING AND HOT DIP GALVANIZING : -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

TILT "θ"	
0°	
5°	
10°	
15°	



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



\* NOTE : UNLESS SPECIFIED BY CUSTOMER, STANDARD LUMINAIRE MOUNTING HOLE IS 18ø  
 TICK WHERE APPLICABLE

**"E" DOOR TYPE**  $\triangle$

- STEEL
- FIBRE WITH \_\_\_\_\_ WORDING

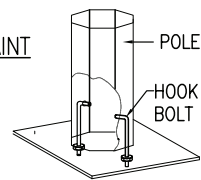
**"E" DOOR FROM GROUND**

- 500 mm
- \_\_\_\_\_ mm

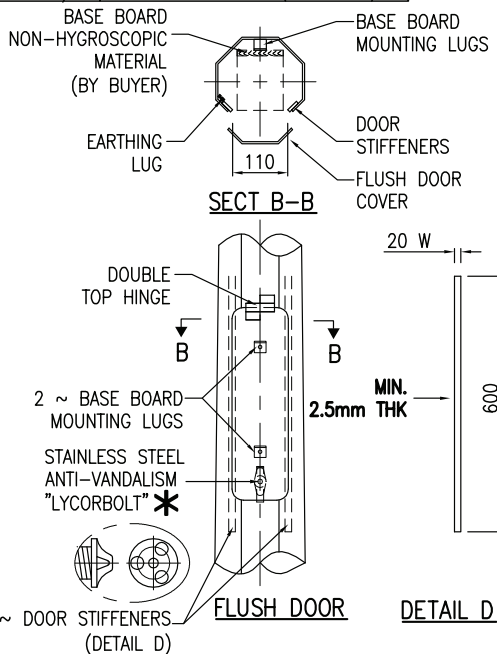
**"G" ANTI STICK PAINT**

**FROM GROUND**

- 2.5 m
- \_\_\_\_\_ m
- NOT REQUIRED



**ISOMETRIC VIEW BASE SECTION**



**DETAIL D**

CUSTOMER APPROVED DRAWING FOR MANUFACTURE  
 \_\_\_\_\_  
 (Co. stamp, sign & date)

D	AS NOTED ABOVE	TUNG	LSK	13.12.18
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

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PRELIMINARY DRAWING FOR TENDER PURPOSES ONLY  
  
 PROJECTION  
 ALL DIMS ARE SUBJECT TO MANUFACTURING TOLERANCES

CLIENT :  
 PROJECT :  
 DRAWN : SHA CHD : *Shah Chuan* DATE: 10.01.12  
**LYSAGHT MARKETING SDN BHD**  
 CO. NO.: 102382-M

TITLE : **8m ~ 12m VERTICAL LIGHTING COLUMN (PLANTED RV-TYPE)**  
 SCALE : 1 : 75 SHEET 1 of 3 REV A B C D  
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DWG./REF. NO. **RV080PA ~ RV120PA**  
 DIMENSIONS IN mm UNLESS STATED  
 SHEET SIZE **A4**