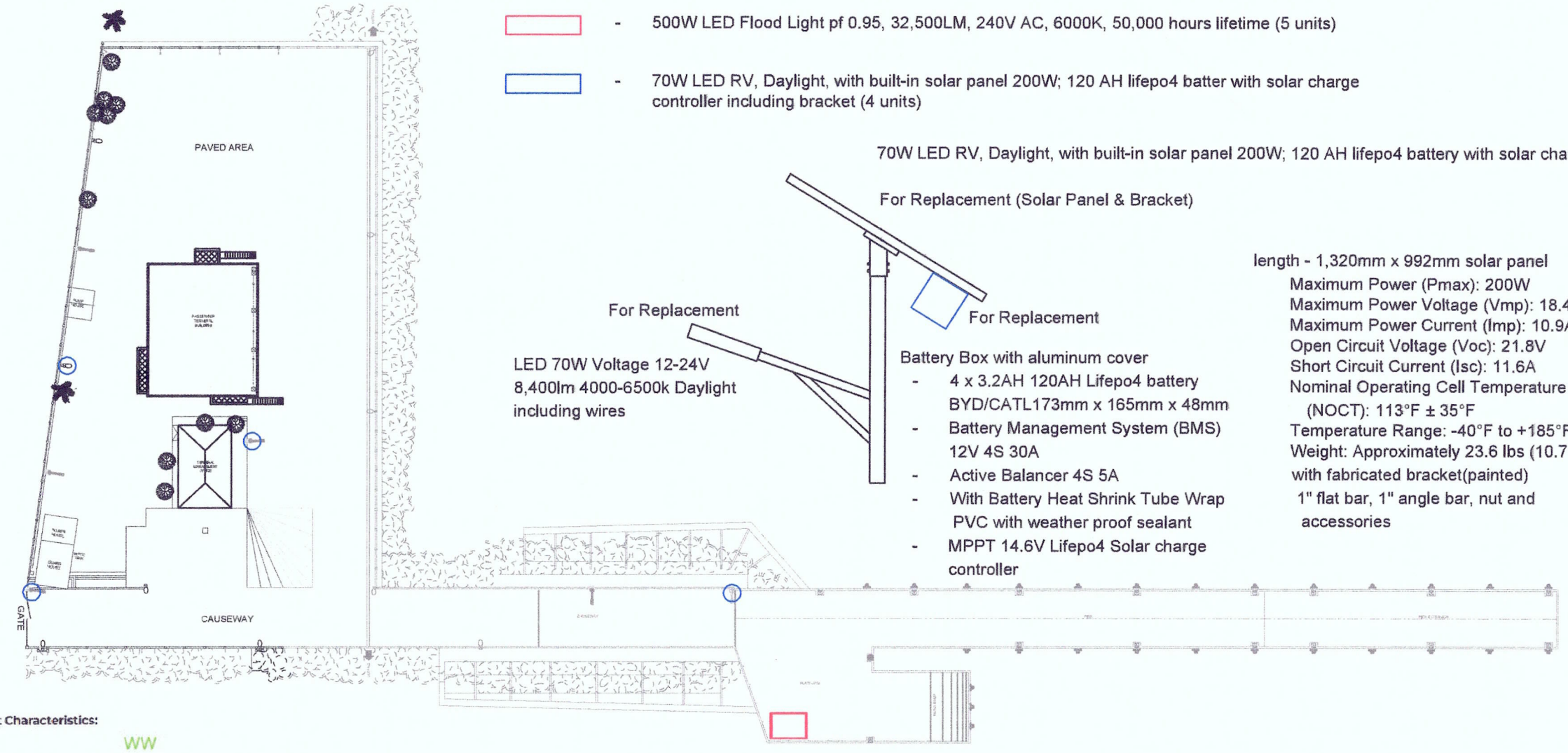
LEGEND:

- 500W LED Flood Light pf 0.95, 32,500LM, 240V AC, 6000K, 50,000 hours lifetime (5 units)

- 70W LED RV, Daylight, with built-in solar panel 200W; 120 AH lifepo4 batter with solar charge controller including bracket (4 units)



70W LED RV, Daylight, with built-in solar panel 200W; 120 AH lifepo4 battery with solar charger controller

For Replacement (Solar Panel & Bracket)

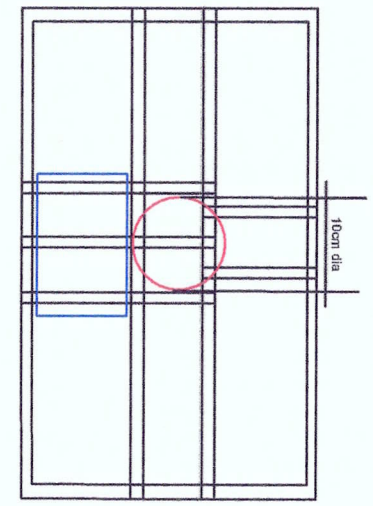
For Replacement

For Replacement

LED 70W Voltage 12-24V
8,400lm 4000-6500k Daylight
including wires

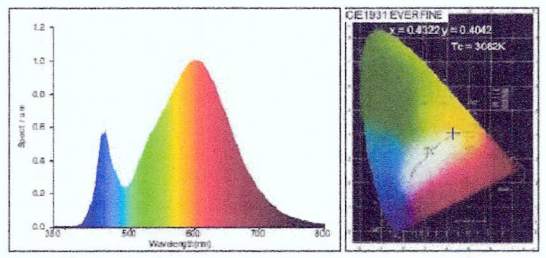
Battery Box with aluminum cover
- 4 x 3.2AH 120AH Lifepo4 battery BYD/CATL173mm x 165mm x 48mm
- Battery Management System (BMS) 12V 4S 30A
- Active Balancer 4S 5A
- With Battery Heat Shrink Tube Wrap PVC with weather proof sealant
- MPPT 14.6V Lifepo4 Solar charge controller

length - 1,320mm x 992mm solar panel
Maximum Power (Pmax): 200W
Maximum Power Voltage (Vmp): 18.4V
Maximum Power Current (Imp): 10.9A
Open Circuit Voltage (Voc): 21.8V
Short Circuit Current (Isc): 11.6A
Nominal Operating Cell Temperature (NOCT): 113°F ± 35°F
Temperature Range: -40°F to +185°F
Weight: Approximately 23.6 lbs (10.7 kg)
with fabricated bracket(painted)
1" flat bar, 1" angle bar, nut and accessories



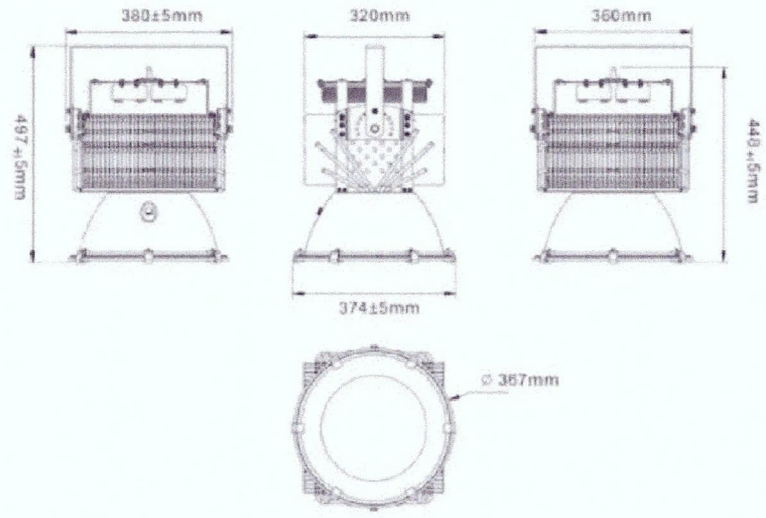
Light Characteristics:

WW



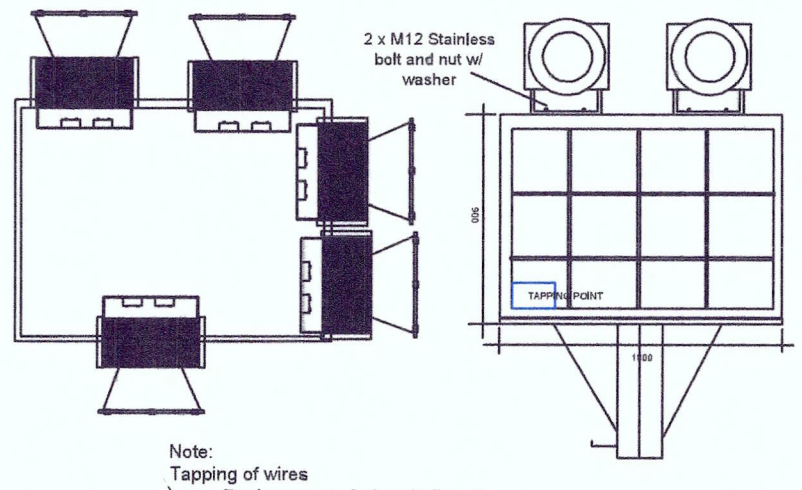
Input Power 500W
Power Factor: >0.95
Beam Angle: 25 / 45 / 60 / 90 / 100
CRI: Ra80
CCT: PW: 6000K
Luminous Flux: WW: 32,500lm
Input Voltage: AC100-240V (50/60hz)
Protection: IP65

Dimension:

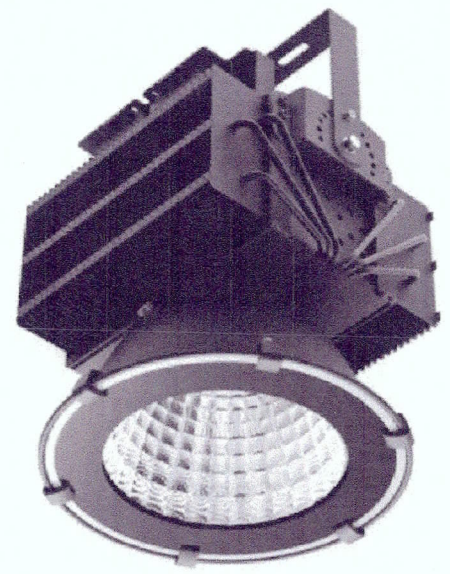


TOP VIEW

SIDE VIEW



Note:
Tapping of wires
- Replacement of wires (3.5mm2 THHN/THWN) and installation of liquid tide conduit (½") (gray) going to tapping point per each fixtures



PHILIPPINE PORTS AUTHORITY
PORT OF DINGALAN
BRGY. APAYA, DINGALAN, AURORA

TITLE: MAINTENANCE OF LIGHTING SYSTEM AT PORT OF DINGALAN, AURORA

DATE: JANUARY 16, 2025

PREPARED BY:	REVIEWED BY:	RECOMMENDING APPROVAL:	APPROVED:
EDGARDO B. ANDAYA JR.	ALBERT FRANCIS T. GOLES	VAL JONATHAN V. PINEDA	NIÑO PAOLO M. BISCOCHO
SUPERVISING ENGINEER A, PMO-BATAAN/AURORA	PRINCIPAL ENGINEER A, PMO-BATAAN/AURORA	ACTING ESD MANAGER, PMO-BATAAN/AURORA	ACTING PORT MANAGER, PMO-BATAAN/AURORA

SHEET CONTENT:
- LOCATION PLAN
- SPECIFICATION

DIMENSION: M

SHEET No.: 1 of 1