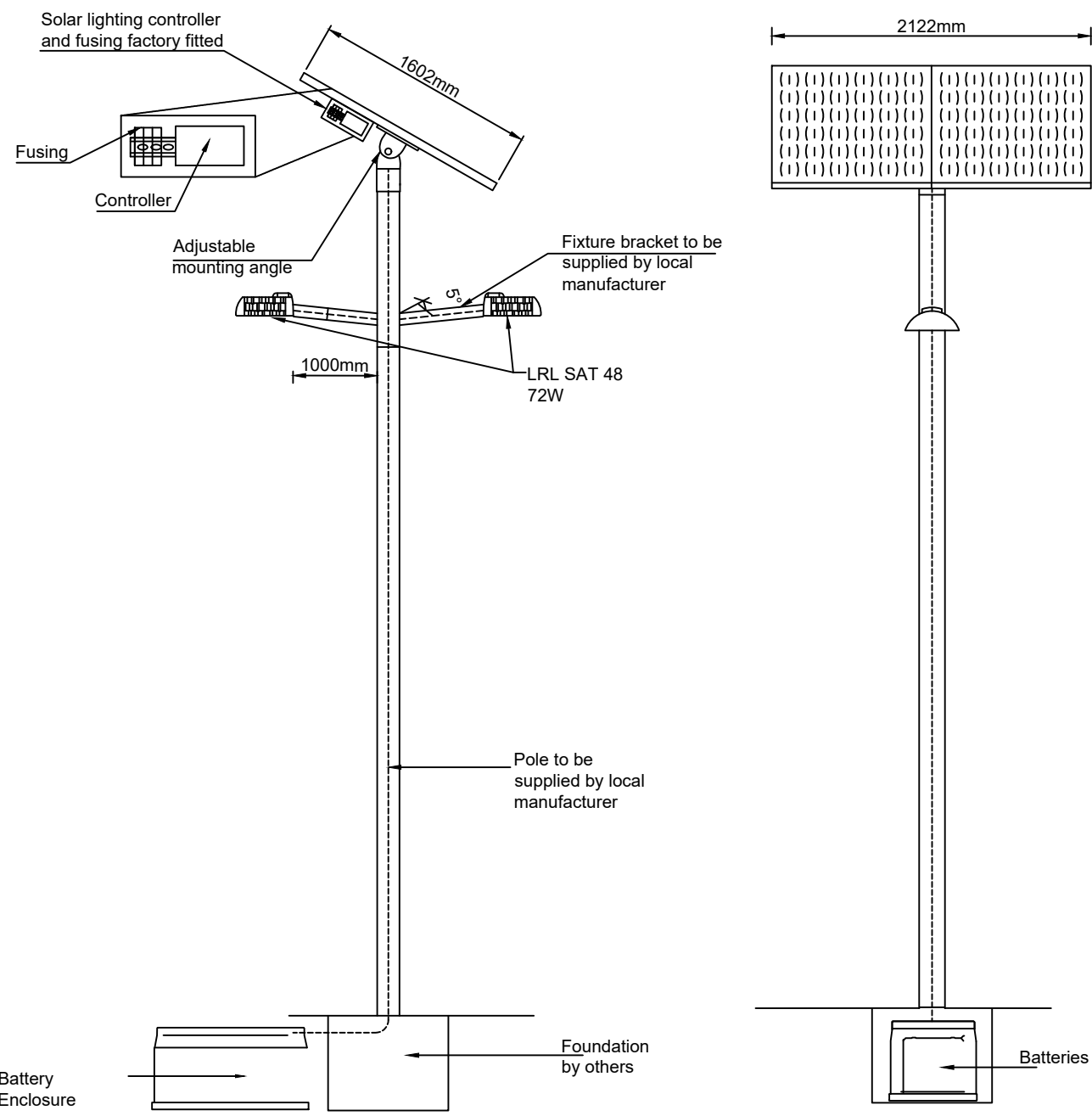


- Notes:
- 1. Solar panels facing true South and inclined at 15° from horizontal.
  - 2. Battery enclosure location underground, to be fitted with an anti-tamper locking cover.
  - 3. Pole complete with single arm bracket sourced from local manufacturer. Length and tilt angle as specified by lighting layouts.
  - 4. Bracket to have a spigot diameter of 42-60mm and to be mounted 5° to the horizontal.
  - 5. LED Roadway scheme quotation reference #10239v5

Solar Panels:	
Array Output	240W (1x240W)
Array Height	1602mm (63.1")
Array Width	1061mm (41.77")
Array Weight	20.3kg (44.75lbs)
Certifications	UL, CE, IEC
LED Fixture (Twin)	
Lumen Output	6500Lm
Efficacy	93Lm/W
Power Consumption	72W
Distribution	IES Type III
LED L70@350mA	>100,000hrs
Certifications	UL, CE, RoHS, Dark Sky
Battery Bank	
Specification	179Ah (C120) 12V AGM
Quantity	2
Cycling	Rated for 5000 cycles at 10% depth of discharge @ 25°
Autonomy	5 days
Certifications	UL
Charge Controller	
Type	PWM
Lighting Profile	10hr
Certifications	CE
Controller Enclosure	
Material	Weatherproof Polyethylene
Contents	Charge controller and fuses
Width	150mm (6.4")
Length	340mm (13.6")
Depth	100mm (4")
Hardware	Stainless steel
Certifications	NEMA 3R
Battery Enclosure	
Material	High Density Polyethylene (HDPE)
Contents	Batteries
Height	387mm (15.3")
Width	641mm (25.3")
Depth	400mm (15.8")
Hardware	Tamperproof stainless steel
Solar Panel Mount	
Location	Top of Pole
Material	Steel and Aluminium
Wind speed rating	194kph (90mph)
Stainless steel fasteners	Yes
Adjustable mounting angle	Yes



- Notes:
- 1. Solar panels facing true South and inclined at 15° from horizontal.
  - 2. Battery enclosure location underground, to be fitted with an anti-tampar locking cover.
  - 3. Pole complete with arm bracket sourced from local manufacturer. Length and tilt angle as specified by lighting layouts.
  - 4. Bracket to have a spigot diameter of 42-60mm and to be mounted 5° to the horizontal.
  - 5. LED Roadway scheme quotation reference #10239v5

Solar Panels:	
Array Output	480W (2x240W)
Array Height	1502mm (63.1")
Array Width	2122mm (83.54")
Array Weight	40.6kg (89.5lbs)
Certifications	UL, CE, IEC
LED Fixture (Twin)	
Lumen Output	6500Lm
Efficacy	93Lm/W
Power Consumption	72W
Distribution	IES Type III
LED L70@350mA	>100,000hrs
Certifications	UL, CE, RoHS, Dark Sky
Battery Bank	
Specification	358Ah (C120) 6V AGM
Quantity	4
Cycling	Rated for 5000 cycles at 10% depth of discharge @ 25°
Autonomy	5 days
Certifications	UL
Charge Controller	
Type	PWM
Lighting Profile	10hr
Certifications	CE
Controller Enclosure	
Material	Weatherproof Polyethylene
Contents	Charge controller and fuses
Width	150mm (6.4")
Length	340mm (13.6")
Depth	100mm (4")
Hardware	Stainless steel
Certifications	NEMA 3R
Battery Enclosure	
Material	High Density Polyethylene (HDPE)
Contents	Batteries
Height	387mm (15.3")
Width	641mm (25.3")
Depth	400mm (15.8)
Hardware	Tamperproof stainless steel
Solar Panel Mount	
Location	Top of Pole
Material	Steel and Aluminium
Wind speed rating	194kph (90mph)
Stainless steel fasteners	Yes
Adjustable mounting angle	Yes