

GFS-ASPIRE **GEN2**

SOLAR LIGHT



30W / 60W / 95W

5,610 / 11,220lm / 17,765lm

CAT-V
ROADWAY
LIGHTING



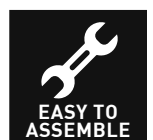
Designed in Australia to meet the increasing demand for network connected lighting.

The GFS-ASPIRE offers an off-grid connected solar option where mains powered lighting is impractical or cost prohibitive to install.

The ASPIRE solar light has been developed with elegance in mind, and is feature packed offering remote network monitoring and control while delivering levels of illumination that meets the required category V lighting standards for multi lane roadways, highways and intersections.

APPLICATIONS

- Streets
- Roadways
- Intersections
- Car Parks
- Industrial
- Commercial
- Parks
- Recreation

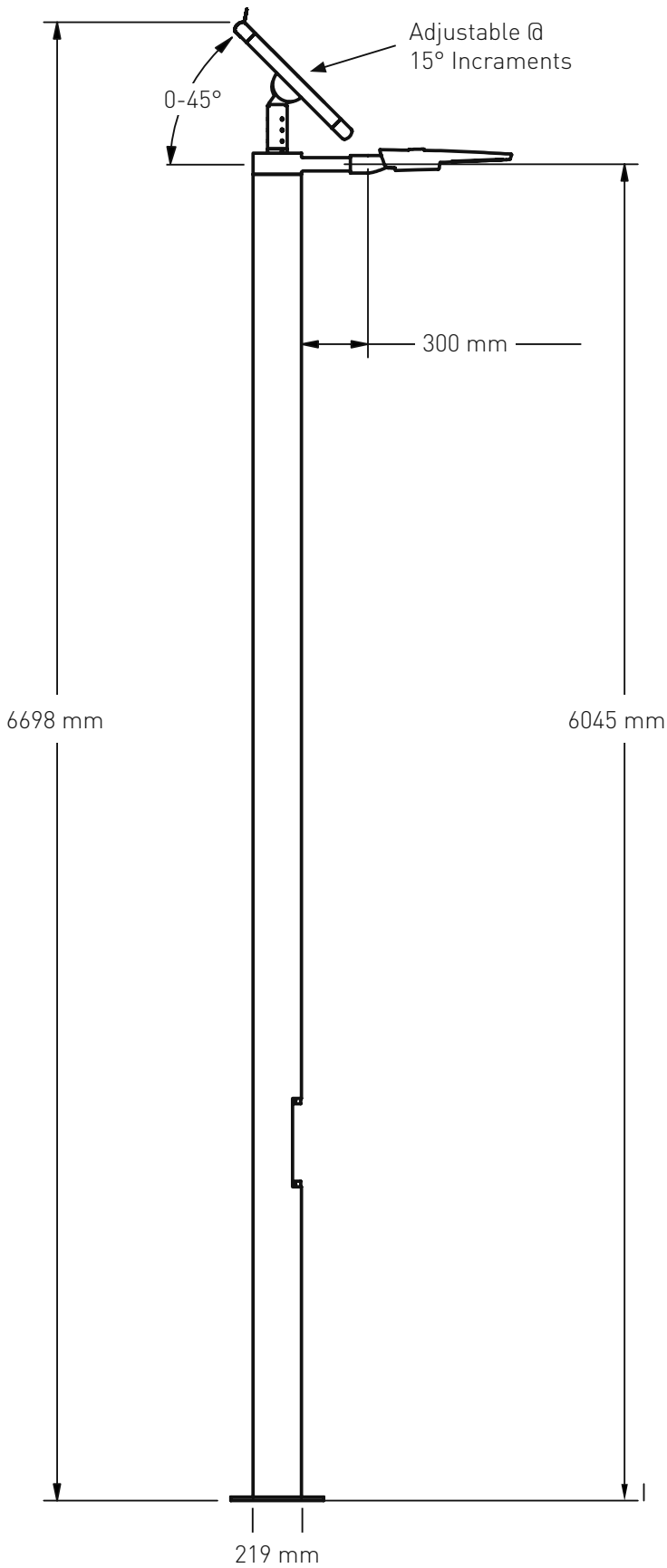


MODEL	ASPIRE-225	ASPIRE-450	ASPIRE-675
	One Panel	Two Panels	Three Panels
OPERATING PROFILE / OPERATION MODE			
The Aspire range of solar lights are designed to offer a wide variety of configurable options. Customised power profiles and system sizes available as below to suit your requirements and location.			
NOTE: Configurable TIMER settings for ON / OFF / DIM are available upon request			
Power	30W - 60W	60W - 95W	60W - 95W
Lumens	5,610lm - 11,220lm	11,220lm - 17,765lm	11,220lm - 17,765lm
PIR Movement	Yes	Yes	N/A
Qty Batteries	2 - 4	2 - 4	4 - 6
Battery	LiFePO ₄ 25.6V 28.8Ah (737Wh) with waterproof IP68 connectors (10+ years design life)		
Pole (AS4680 Standard)	6m Round high strength hot dipped galvanised steel	6m - 10.5m** Round high strength hot dipped galvanised steel	10.5m** Octagonal high strength hot dipped galvanised steel
LED Outrigger	300mm Optional 1200mm	300mm Optional 1200mm	4500mm Optional 3000mm
Foundation	Ragbolt & Cage Typical 600 x 1650mm	Ragbolt & Cage Typical 600 x 1850mm	Ragbolt & Cage Typical 750 x 2000mm
Mounting Height	6m	6m - 10.5m	10.5m
Sail Area / EPA	0.65m ² @ 30° angle	1.3m ² @ 30° angle	1.95m ² @ 30° angle
Solar Panel	225W(p)	450W(p)	675W(p)
	Mono-crystalline 24% efficiency impact resistant tempered glass. Protective stone guard on back /anti bird spikes / 360° rotatable with 0-60° tilt		
CCT	4000K		
LED	CREE X-PG adjustable angle		
Lens	LEDIL T3 type /135° x 85°/ IK-10 rated		
Charge Controller	MPPT type with temperature and short circuit protection. Programmable custom settings.		
Operating Temp.	-20°C to 60°C		
Certifications	AS/NZS 1158 V5 Category Roadway, ISO9001:2015 Quality assured company, RPEQ Certified Design		
Warranty	5 year / 25 year solar panel / 10 years battery*		
Options	<ul style="list-style-type: none"> • Twin LED / 180° / 90° • IoT SMART city monitoring and control system (SAM) • T5 Lens 110° x 135° • Anti -climbing spike collar • Slip Base Foundation ** 		

*Full warranty details are available at:
<https://greenfrogsystems.com.au/product-warranty>

Product Dimensions ASPIRE-225/450, 6m Smart Pole*

Luminaire Dimensions, 6m Smart Pole



ASPIRE-225



ASPIRE-450

Luminaire Dimensions, 10.5m Pole



ASPIRE-675