

GFS-ASPIRE GEN2

SOLAR LIGHT



30W / 60W / 95W

187 lm/W (Max)



COMPLIANT



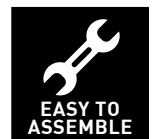
Designed in Australia to meet the increasing demand for network connected lighting.

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
- Parking Lots
- Industrial
- Commercial
- Parks
- Recreation

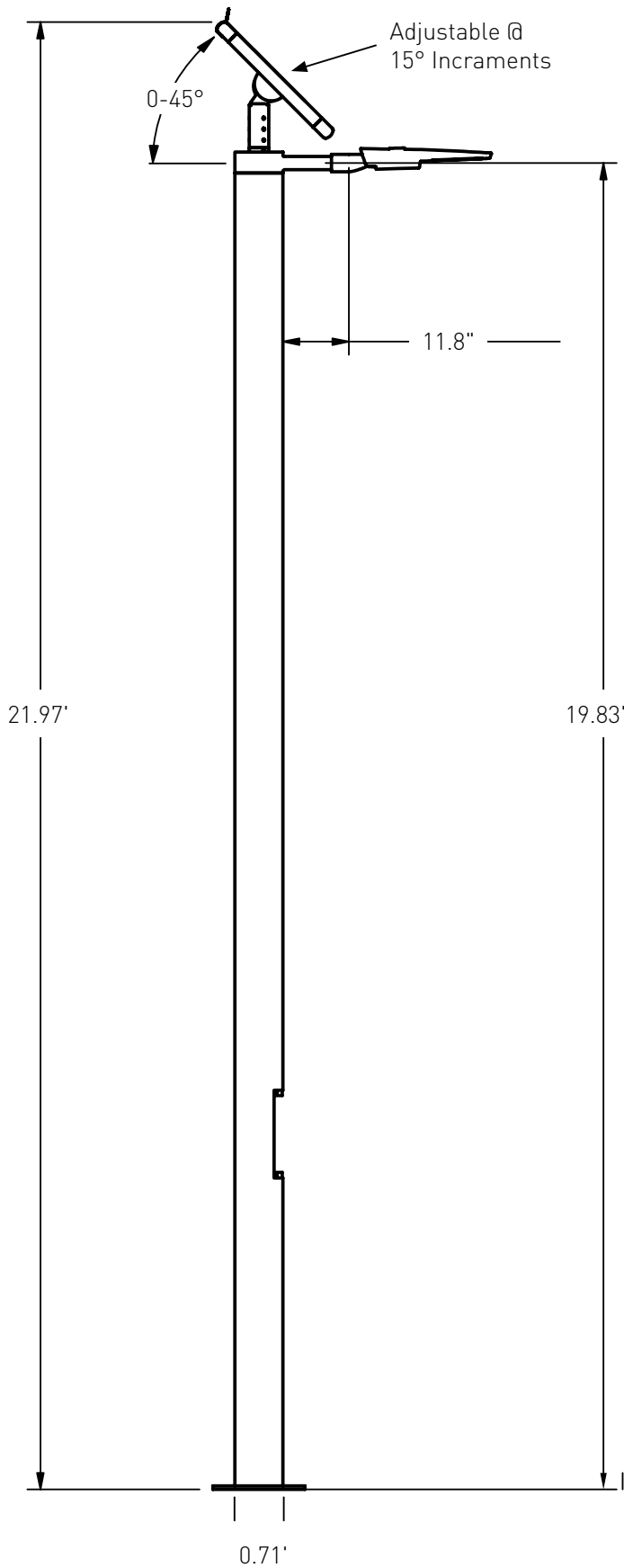


MODEL	ASPIRE-225	ASPIRE-450	ASPIRE-675
	One Panel	Two Panels	Three Panels
OPERATING PROFILE / OPERATION MODE			
The Aspire range of solar lights are designed to offer a wide variety of configurable options. Customised power profiles and system sizes available as below to suit your requirements and location.			
NOTE: Configurable TIMER settings for ON / OFF / DIM are available upon request			
Power	30W - 60W	60W - 95W	60W - 95W
Lumens	187lm/W (Max)	187lm/W (Max)	187lm/W (Max)
PIR Movement	30W	30W	N/A
Qty Batteries	2 - 4	2 - 4	4 - 6
Battery	LiFePO ₄ 25.6V 28.8Ah (737Wh) with waterproof IP68 connectors		
Pole (AS4680 Standard)	20' Round high strength hot dipped galvanised steel	20' - 34.4'** Round high strength hot dipped galvanised steel	34.4'** Octagonal high strength hot dipped galvanised steel
LED Outrigger	11.8" / Optional 4'	11.8" / Optional 4'	15' / Optional 10'
Foundation	Ragbolt & Cage Typical 2' x 5.4'	Ragbolt & Cage 2' x 6'	Ragbolt & Cage 2.4' x 6.5'
Mounting Height	20'	20' - 34.4'	34.4'
Sail Area / EPA	7 ft ² @ 30° angle	14 ft ² @ 30° angle	21 ft 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		
LM Rating	LM 80		
IP Rating	IP 66		
IK Rating	IK 08		
LED	CREE X-PG adjustable angle		
BUG Rating	B2-U0-G2		
Lens	LEDIL T3 type /135° x 85°		
Charge Controller	MPPT type with temperature and short circuit protection. Programmable custom settings.		
Operating Temp.	-40°F to 140°F		
Certifications	AS/NZS 1158 V5 Category Roadway, ISO9001:2015 Quality assured company, RPEQ Certified Design ANSI/IEEE C136.31 (3G) Vibration Testing Certified cTUVus (UL Certification) Cert # CU 72192257 01		
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/product-warranty>

Product Dimensions ASPIRE-225/450, 20' Smart Pole*

Luminaire Dimensions, 20' Smart Pole

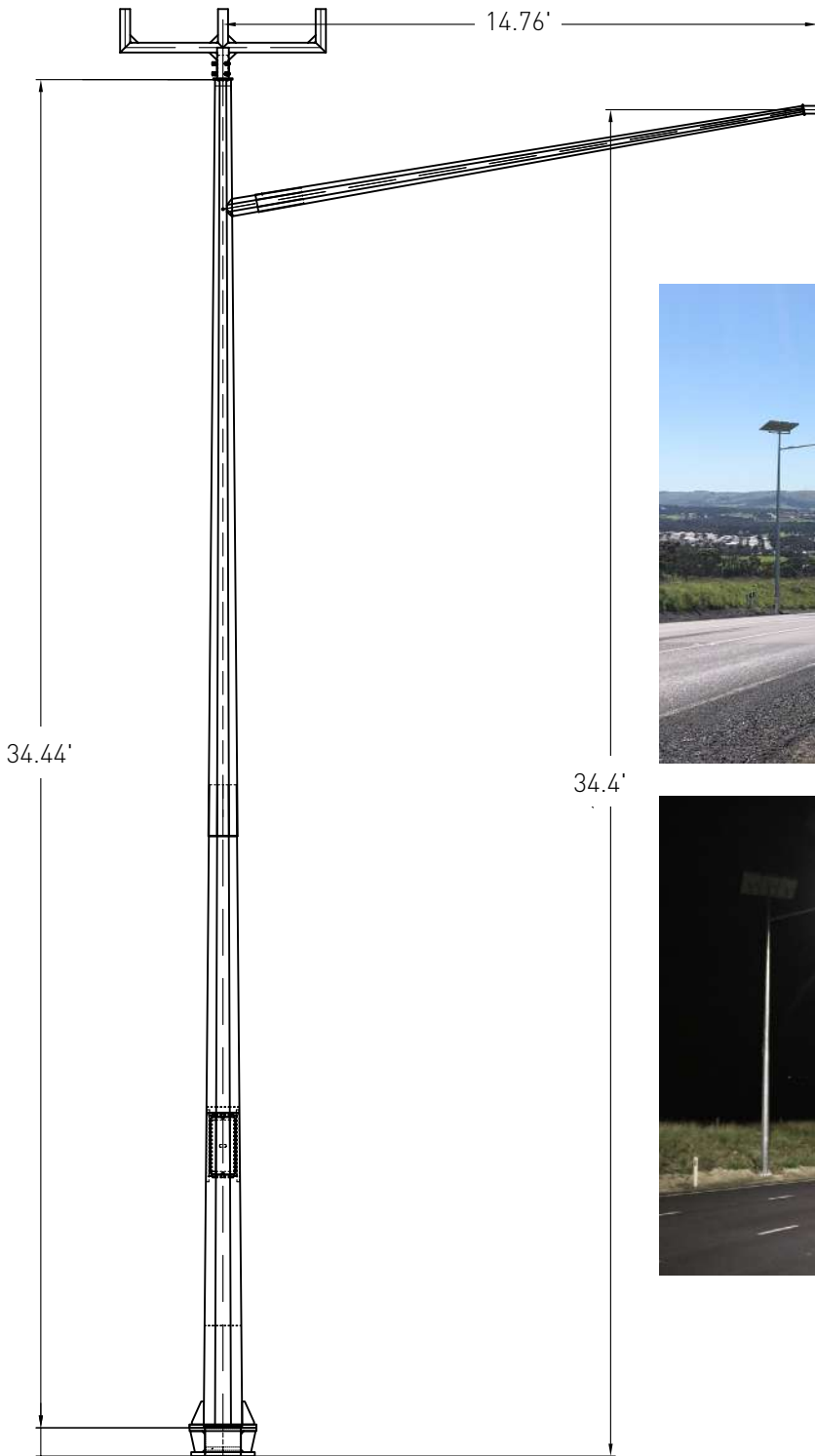


ASPIRE-225



ASPIRE-450

Luminaire Dimensions, 34.44' Pole



ASPIRE-675