

GFS-400-KT GEN 1

SOLAR STREET LIGHT KIT



FITS EXISTING POLES



60W / 75W / 100W

11,220lm / 14,025lm / 18,700lm



The GFS-400-KT is designed to be mounted onto an existing pole and replace mains powered street lighting offering an environmentally friendly, off-grid solution where traditional lighting has failed or is too costly to repair.

It has the same hardware as the GFS-400 (without the pole) and offers a reliable, vandal resistant solution that can be installed anywhere requiring reliability and performance without the costs of grid connection or energy supply.

APPLICATIONS

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



SPECIFICATIONS

MODEL	GFS-400-KT
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OPERATING PROFILE / OPERATION MODES

Standard 60W - **All night operation** - Unit operates at 100% (11220lm) until dawn.
 Standard 75W - **100% for 6 hours** - Unit operates at (14025lm) then dims to 20W until dawn
 Standard 100W - **100% for 4 hours** - Unit operates at (18700lm) then dims to 20W until dawn
NOTE: Configurable TIMER settings for ON / OFF / DIM are available upon request.

LED

Type	CREE XP-G LED
Watts (Light Output)	60W (standard) 75W (optional) 100W (optional)
Lumens	11,220lm 14,025lm 18,700lm
CCT (Colour Temperature)	4000K (standard) / 3000K (optional)
Optics	T3 (Standard) 135° x 85° T5 (Optional) 110° x 135°

BATTERY

Autonomy	60 hours (5 nights)*
Battery Type / Capacity	2 x 12v 110Ah (2640Wh) Sealed GEL AGM Batteries

SOLAR PANEL

Watts (p) / Type	454W Monocrystalline
Efficiency	21%

UNIT

Package Dimensions	Crate: 1680 x 1640 x 570 mm / 66" x 64.6" x 22.4"
Package Weight	Crate: 270 KG / 595.2 lb
Product Weight	Complete Kit: 188 KG / 414.5 lb
Sail Area / EPA	1.1m ² / 11.84ft ²

ENVIRONMENTAL

Operating Temp. Range	-20°C to 60°C / -4°F to 140°F
IP Rating	IP65 construction with IP68 waterproof connectors

WARRANTY

Warranty Period	5 years (Unit) / 25 years (Solar Panel)**
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OPTIONS

PROTECTION	Solar panel stone guard
	LED lens stone guard
	Anti-climbing spike collar
	Light spill shield front / back
TWIN HEAD LED OPTION	Goose neck outrigger extension
	Twin head 4K CCT / 180° / 90° configuration
BATTERY BOX OPTIONS	Twin head 3K CCT / 180° / 90° configuration
	Battery box, grey powder coated
	Battery box, stainless steel 316
	Vandal resistant battery box upgrade kit
IoT SMART CITY READY	In-ground pit box with galvanised lock lid
	Using optional GFS-SAM monitoring system

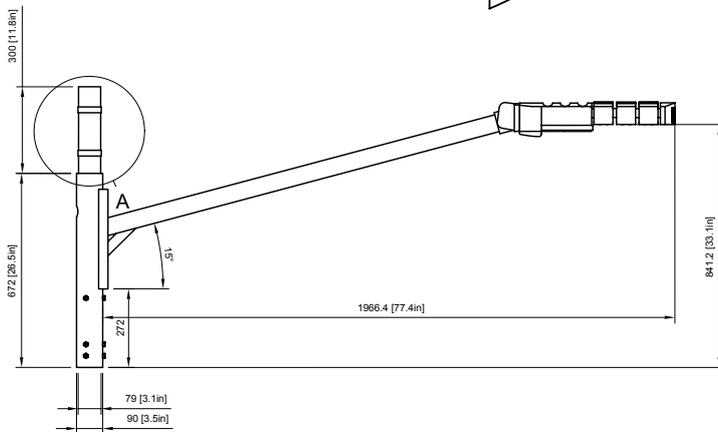
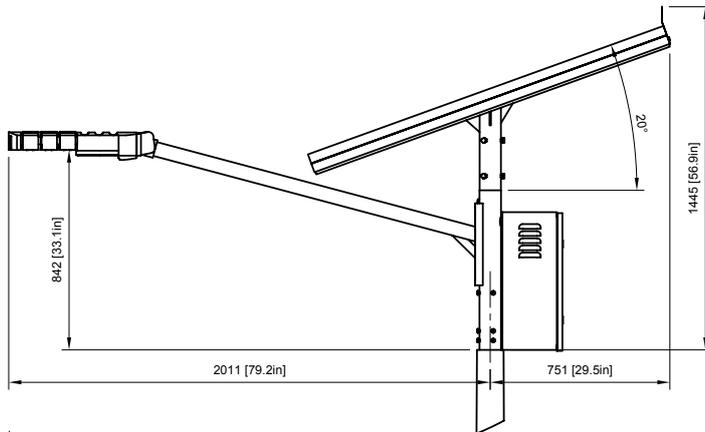
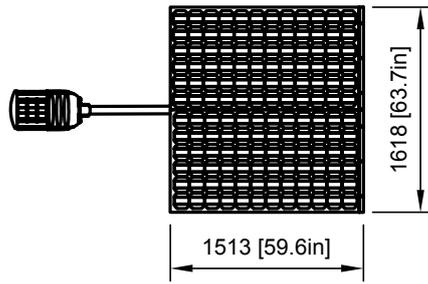
*Based on fully charged battery at 30W / **full warranty information is available at >> greenfrogssystems.com.au/warranty

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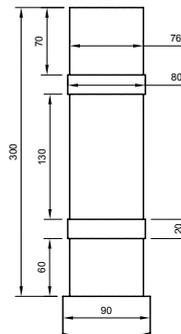


KIT CONTENTS INCLUDE :

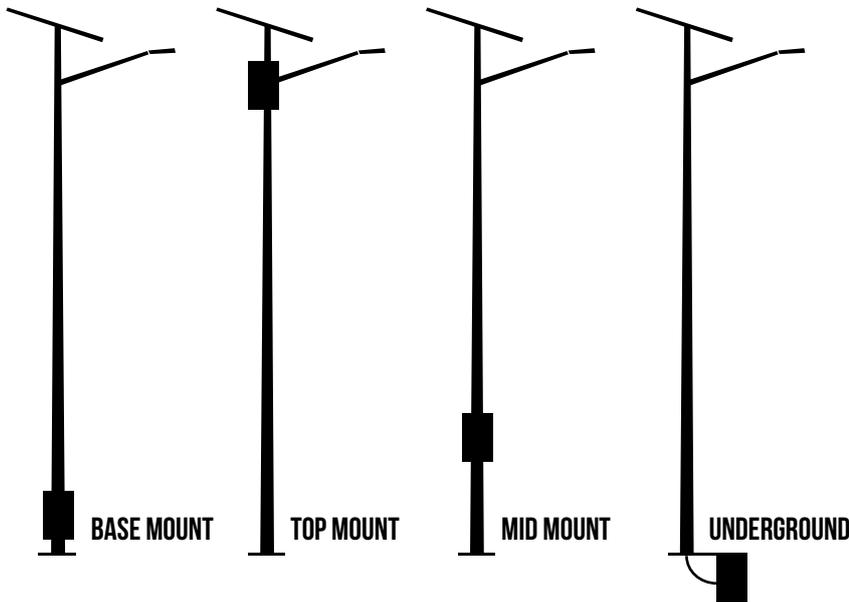
1. Instruction Manual
2. Serial Number Plate
3. Wooden Packing Crate
 - Solar Panel Assembly
 - LED Light
 - Light Arm
 - Light Cable Extension
 - Bird Guard
 - Batteries (x2)
 - Solar Controller



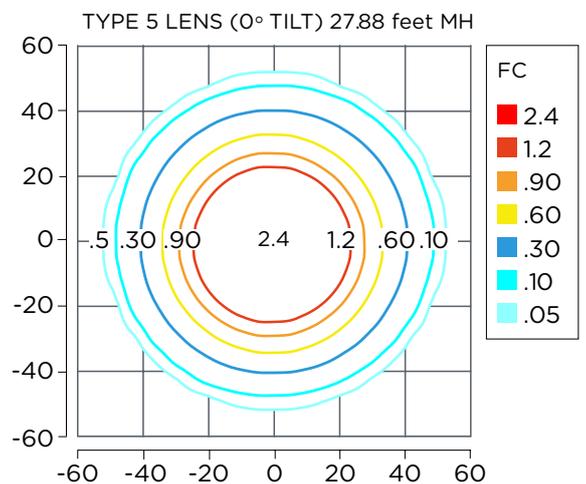
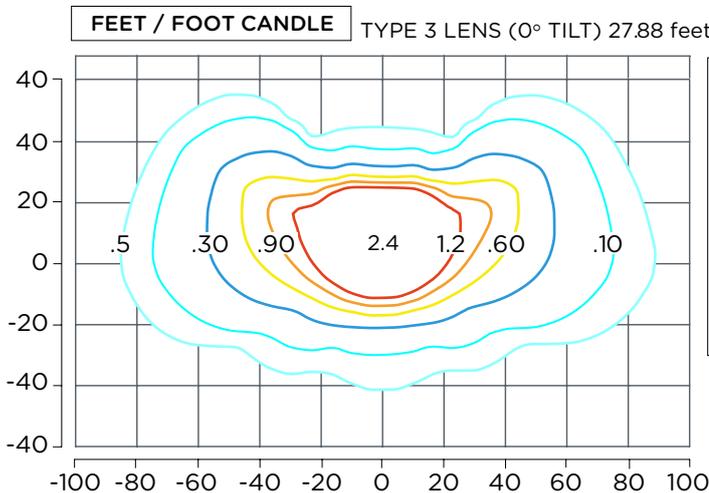
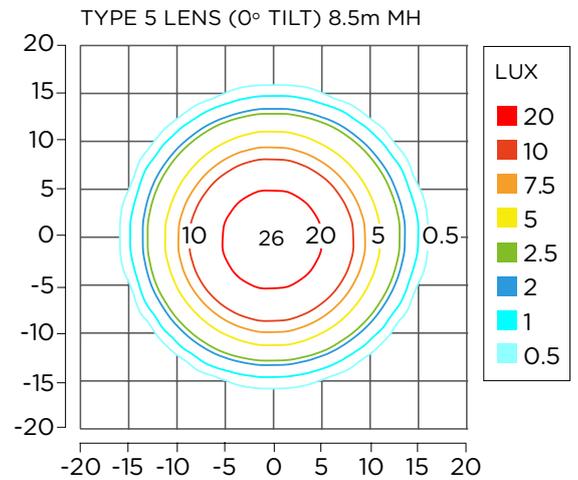
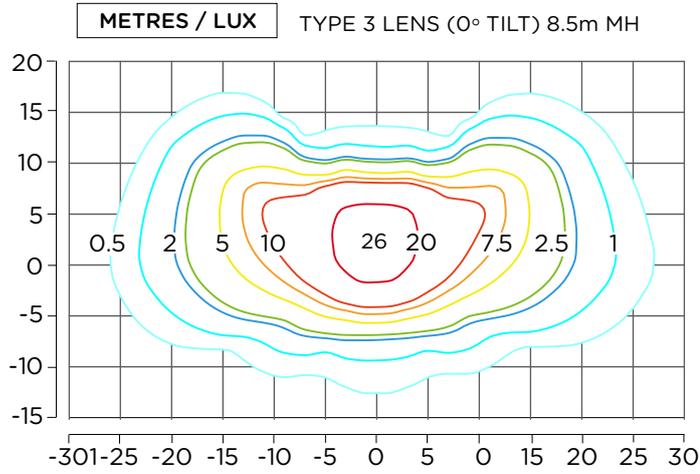
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MOUNTING OPTIONS

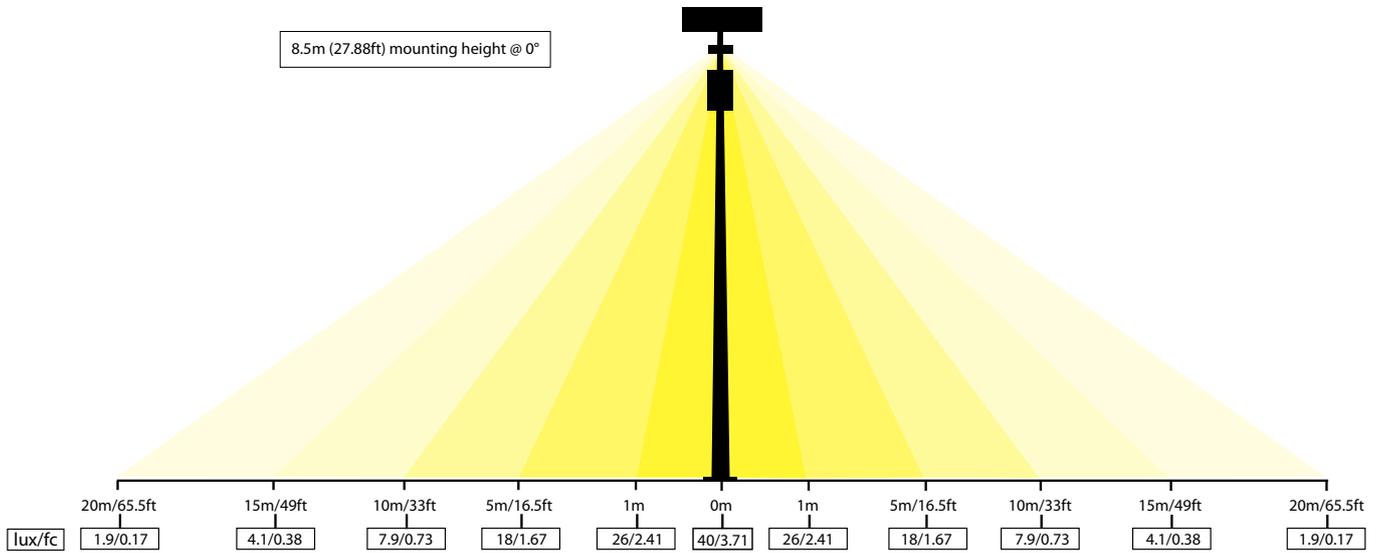


PHOTOMETRICS



LIGHT DISTRIBUTION

FRONT VIEW



SIDE VIEW

