

# GFS-GUARDIAN GEN2

## SOLAR SECURITY / PATHWAY LIGHT



**ALL-IN-ONE**  
standalone design



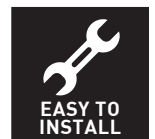
**10W / 15W / 25W**  
1,600lm / 2,400lm / 4,000lm

The GFS-Guardian solar pathway and security light series is an all-in-one design that makes installation simple without the need to connect any cables, plugs or batteries. Integrated Li-Ion battery technology (concealed within the lamp head) makes it a perfect choice for customers wanting a general purpose security area light.

The unit is PIR motion activated and safely illuminates outdoor areas and with improved battery access panel, maintenance is made even easier.

### APPLICATIONS

- Pathways
- Tracks & Trails
- Community
- Safety & Security
- Dog Parks
- Playgrounds
- Exercise Areas



# GFS-GUARDIAN

## TECHNICAL DATA



### SPECIFICATIONS

MODEL	GFS-GUARDIAN-7	GFS-GUARDIAN-15	GFS-GUARDIAN-25
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### OPERATING PROFILE / OPERATION MODES

Standard operating mode is - **Sensor mode** - Unit operates at 80% for the first 3 hours then dims to 25% until dawn. PIR motion detection increases illumination up to 100% until 30 seconds after movement is no longer detected.

### LED

Type	Cree SMD 3030 / 30PCS	Cree SMD 3030 / 60PCS	Cree SMD 3030 / 60PCS
Watts (Light Output)	10W	15W	25W
Lumen	1600lm	2400lm	4000lm
CCT (Colour Temperature)	4000K (standard)	4000K (standard)	4000K (standard)
Motion Sensor (PIR)	4-5m / 13-14' detection zone Activates for 30 sec.	4-5m / 13-14' detection zone Activates for 30 sec.	4-5m / 13-14' detection zone Activates for 30 sec.

### BATTERY

Autonomy	19.5 hours (4+ nights)*	26.0 hours (4+ nights)*	23.5 hours (4+ nights)*
Battery Type (Replaceable)	Integrated Li-Ion	Integrated Li-Ion	Integrated Li-Ion
Battery Capacity	3.7V / 13.2Ah / 48.84Wh	3.7V / 26.4Ah / 97.68Wh	3.7V / 39.6Ah / 146.52Wh

### SOLAR PANEL

Watts (p) / Type	12W Monocrystalline + Tempered Glass	20W Monocrystalline + Tempered Glass	30W Monocrystalline + Tempered Glass
Efficiency	19%	19%	19%
Impact Rating	IK-08	IK-08	IK-08

### MOUNTING (INCLUDED)

Pole Mount Spigot Adaptor	ID - 62mm / 2-3/8" Tennon	ID - 62mm / 2-3/8" Tennon	ID - 62mm / 2-3/8" Tennon
Adjustable	-80° - +80°	-80° - +80°	-80° - +80°

### UNIT

Material	Machined Aluminium (Black Anodized Finish)	Machined Aluminium (Black Anodized Finish)	Machined Aluminium (Black Anodized Finish)
Product Dimensions	375L x 276W x 32H mm / 14.76"L x 10.86"W x 1.25"H	630L x 276W x 32H mm / 24.80"L x 10.86"W x 1.25"H	800L x 276W x 32H mm / 31.49"L x 10.86"W x 1.25"H
Product Weight	5.8KG / 12.78lb	8.5KG / 18.73lb	10.5KG / 23.14lb
Package Dimensions	420L x 350W x 170H mm / 16.53"L x 13.77"W x 6.69"H	670L x 350W x 170H mm / 26.37"L x 13.77"W x 6.69"H	860L x 350W x 170H mm / 33.85"L x 13.77"W x 6.69"H
Package Weight	6.3KG / 13.88lb	9.5KG / 20.94lb	11.5KG / 25.35lb
Sail Area / EPA	0.016m <sup>2</sup> / 0.17216 sqft	0.025 m <sup>2</sup> / 0.269 sqft	0.042 m <sup>2</sup> / 0.452 sqft

### ENVIRONMENTAL

Operating Temp. Range	-20°C-65°C / -4°F-149°F	-20°C-65°C / -4°F-149°F	-20°C-65°C / -4°F-149°F
IP Rating	IP-65	IP-65	IP-65

### WARRANTY

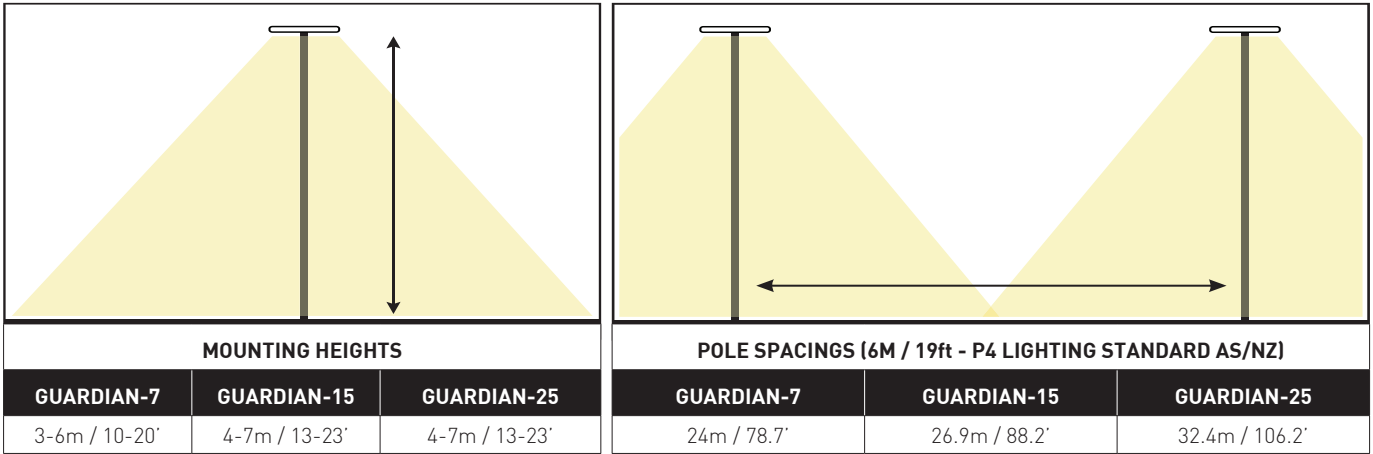
Warranty Period	3 years warranty (complete)	3 years warranty (complete)	3 years warranty (complete)
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\*Based on real world field test data

### OPTIONS

Direct bury HD Galvanised pole	6m / 20ft total height - 2 sections, powder coated black 60mm / 2-3/8" spigot
Spigot adaptor	76mm / 3" OD
3000K CCT Conversion	Custom modification available - Please Enquire

## MOUNTING HEIGHT & SPACING GUIDE

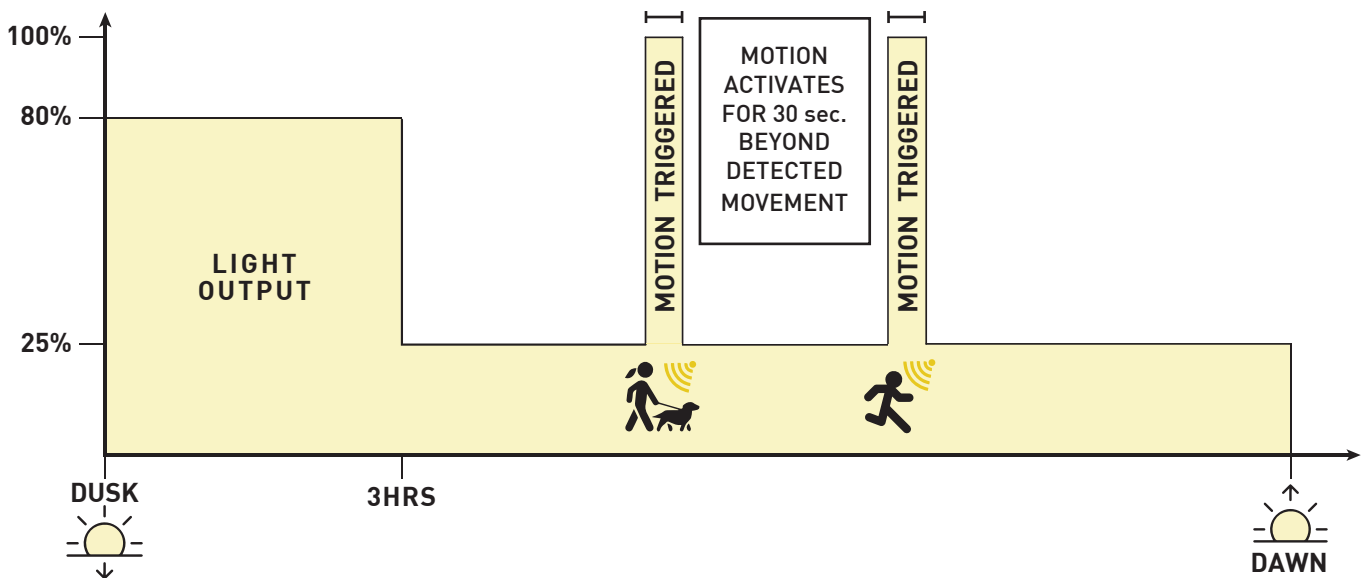


\*Spacing based on Australian / NZ P4 lighting standard (0.14lx) at 15° tilt.

## SPACING CHART

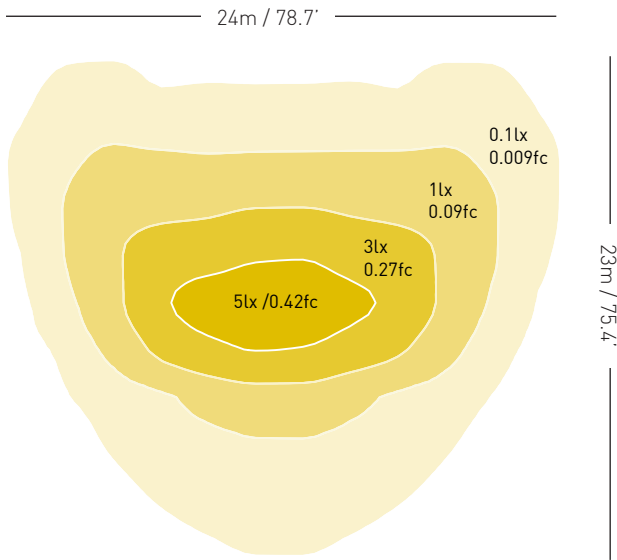
MOUNTING HEIGHT	GUARDIAN-7	GUARDIAN-15	GUARDIAN-25
3m / 10'	17.5m / 57.4'	20.5m / 67.2'	23.1m / 75.78'
4m / 13'	20m / 65.6'	23.6m / 77.4'	27.1m / 88.9'
5m / 16'	22m / 72.1'	25.8m / 84.6'	30.6m / 100.3'
6m / 19'	24m / 78.7'	26.9m / 88.2'	32.4m / 106.2'
7m / 23'		28.6m / 93.8'	34m / 111.5'

## OPERATING PROFILE

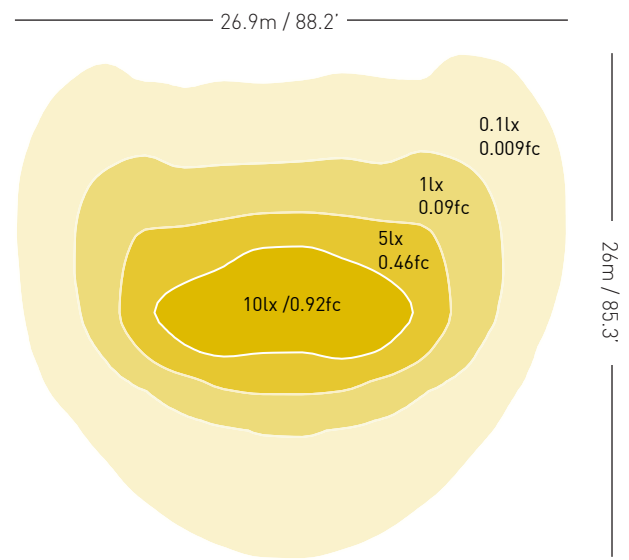


# LIGHT DISTRIBUTION

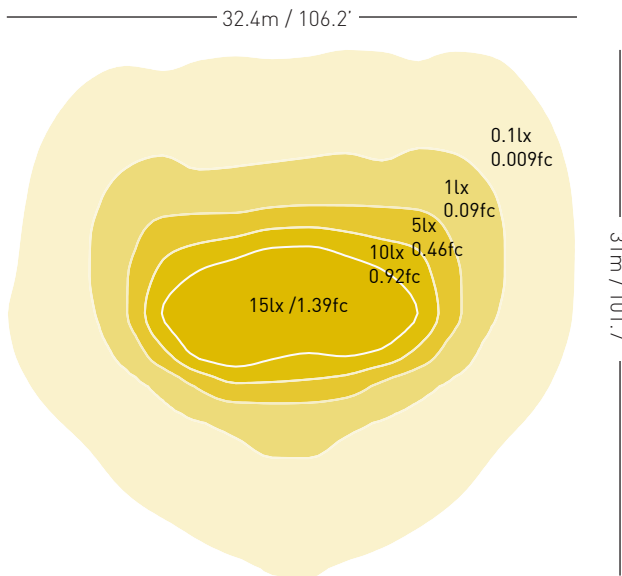
## GUARDIAN-7 - MH 6m / 19ft @ 15° TILT



## GUARDIAN-15 - MH 6m / 19ft @ 15° TILT

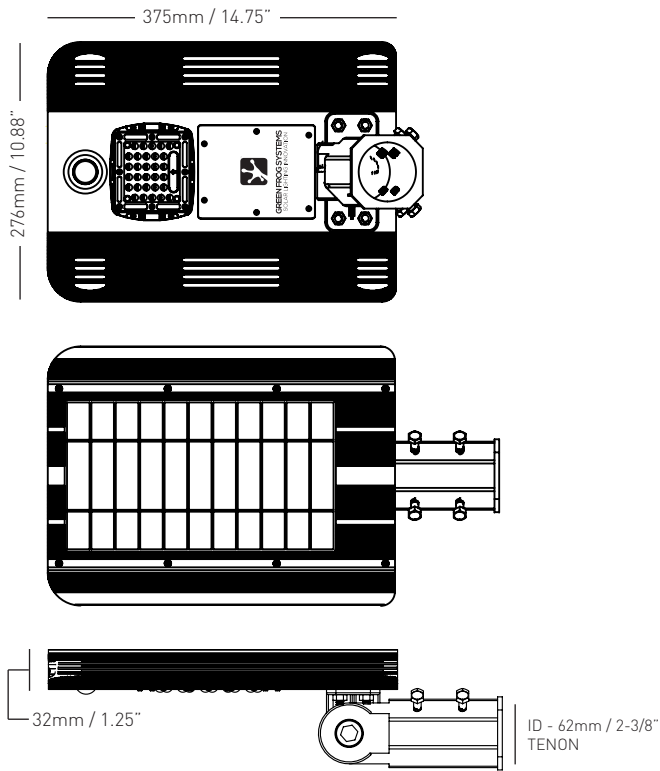


## GUARDIAN-25 - MH 6m / 19ft @ 15° TILT

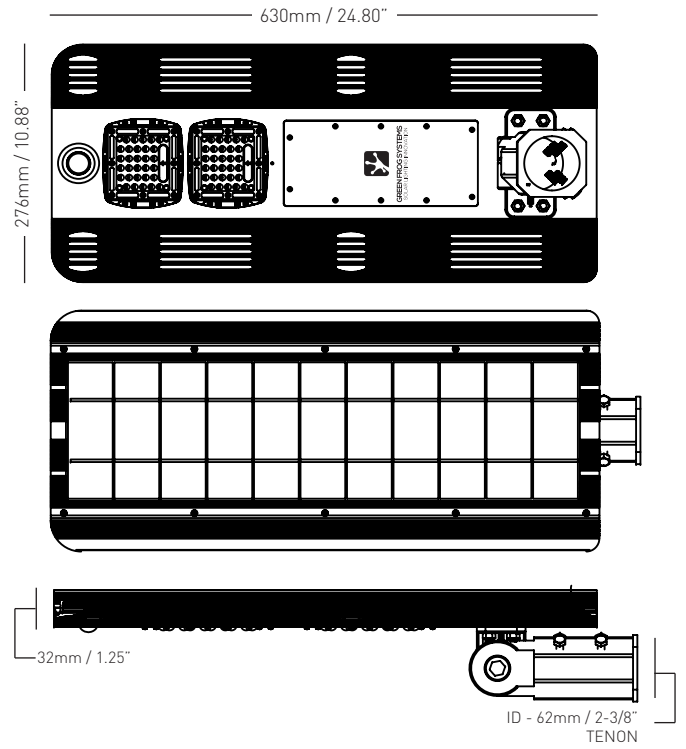


## DIMENSIONS

### GUARDIAN-7



### GUARDIAN-15



### GUARDIAN-25

