

# GUARDIAN-25 GEN2

## ALL IN ONE SOLAR LIGHT



**ALL-IN-ONE**  
standalone design



**25W**

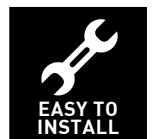
160 lm/W (Max)

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

<b>MODEL</b>	<b>GFS-GUARDIAN-25</b>
--------------	------------------------

### OPERATING PROFILE / OPERA-

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 / 60PCS
Watts (Light Output)	25W
Lumen	160 lm/W
CCT (Colour Temperature)	4000K (standard)
Motion Sensor (PIR)	4-5m / 13-14' detection zone Activates for 30 sec.

### BATTERY

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

### SOLAR PANEL

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

### MOUNTING (INCLUDED)

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

### UNIT

Material	Machined Aluminium (Black Anodised Finish)
Product Dimensions	800L x 276W x 32H mm / 31.49"L x 10.86"W x 1.25"H
Product Weight	10.5KG / 23.14lb
Package Dimensions	860L x 350W x 170H mm / 33.85"L x 13.77"W x 6.69"H
Package Weight	11.5KG / 25.35lb
Sail Area / EPA	0.042 m <sup>2</sup> / 0.452 sqft

### ENVIRONMENTAL

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

### WARRANTY

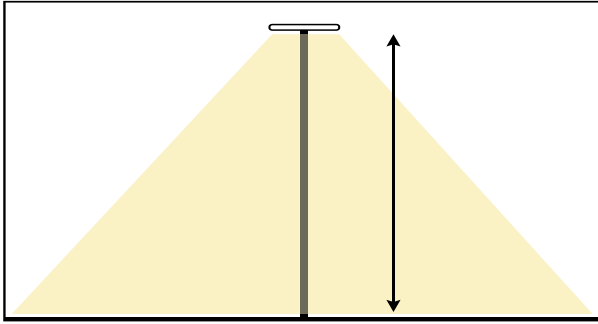
Warranty Period	3 years warranty (complete)
-----------------	-----------------------------

\*Based on real world field test data

### OPTIONS

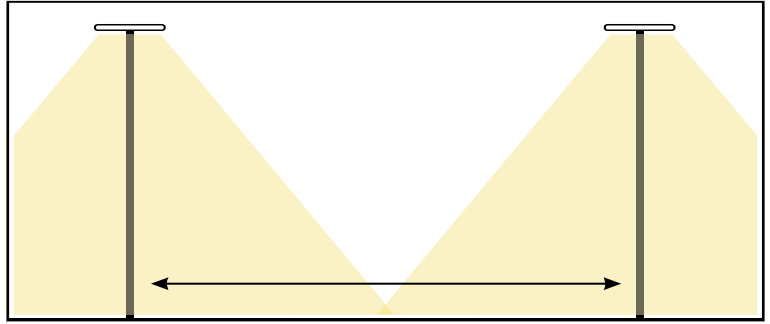
Direct bury HD Galvanised pole	6m / 20ft total height - 2 sections, powder coated black 60mm / 2-3/8" spigot
Spigot adaptor	76mm / 3" OD
3000K CCT Conversion	Custom modification available - Please Enquire
Wall Mount Bracket	

## MOUNTING HEIGHT & SPACING GUIDE



**GUARDIAN-25**

4-7m / 13-23'



**GUARDIAN-25**

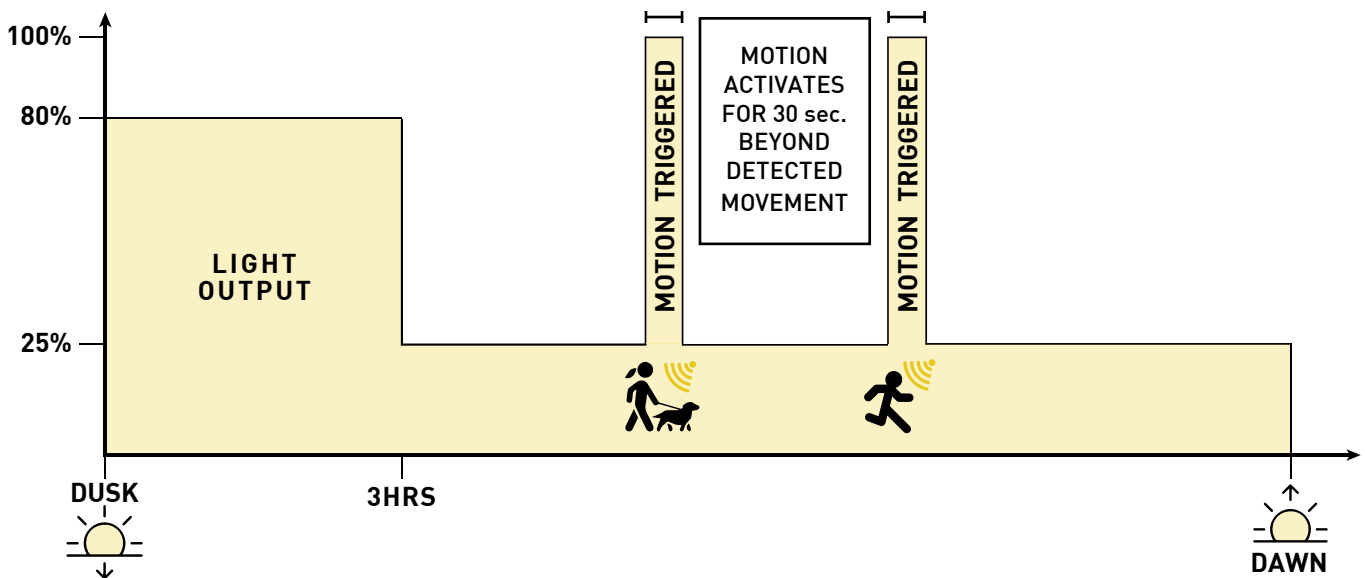
32.4m / 106.2'

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

## SPACING CHART

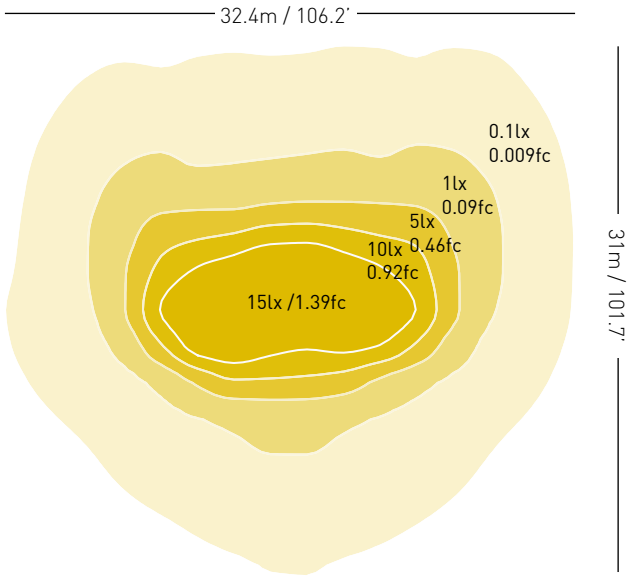
MOUNTING HEIGHT	GUARDIAN-25
3m / 10'	23.1m / 75.78'
4m / 13'	27.1m / 88.9'
5m / 16'	30.6m / 100.3'
6m / 19'	32.4m / 106.2'
7m / 23'	34m / 111.5'

## OPERATING PROFILE



# LIGHT DISTRIBUTION

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



## GUARDIAN-25

