

ZONSTREET LI GSM SERIES

SOLAR PERIMETER LIGHTING



Zonstreet GSM series is an innovative, energy efficient and cost effective perimeter light solution. It has inbuilt GSM card which enables remote monitoring and diagnostics and also ON/OFF by just a touch.

KEY FEATURES

- Remote monitor and control via smart phone application
- Remote on/off/dimming of light via software
- Remote diagnostics to provide online service
- 3/2 stage intelligent dimming after 3 hours and 6 hours of operation
- Inbuilt Li-ion battery allows lower cost of installation and avoids theft
- Automatic ON/OFF with integrated sensor
- Solar panel: >10 years life
- LM80 certified LED with >50000 hours lifetime
- Rechargeable, NO maintenance lithium-ion batteries
- Pressure Die Cast Aluminum body for improving led life
- IP65 compliant design to protect from rain and dust
- High efficiency electronics and thermal management
- Aesthetic looks with reflector and lens
- 2 year warranty

SPECIFICATIONS

MODEL	PARAMETER	LI3 GSM	LI4+ GSM	LI5+ GSM	LI6+ GSM
	Solar charging – full sunlight	8 hrs	6±1	6±1	6±1
	Run time (motion sensor off)	Dusk to dawn			

SYSTEM EFFICIENCY	Run time (motion sensor on)	NA	10±1	6±1	6±1
	Peak Light Output (lux) @ht	NA 34@3.5	18@5S OFF 37@5S ON	13@6S OFF 37@6 S ON	18@7S OFF 37@7S ON
	Light dimming levels (hrs)	3hr @100%; 3hr @ 60%; 6hr @ 30%			
	Light dimming on cloudy days	60% & 30%			
	Autonomy (on cloudy days)	Self	self	self	self
	System Rated (W)	15	30	40	50
	Peak consumption (W)	12±5%	24±5%	35±5%	45±5%
	No of LEDs	3	6	9	12
	l×w×h (mm)	395X185X95	478×230×95	478×230×95	510×290×67
	Weight (Kg)	3	5.2	5.2	8.2
	Certification	UL/MNRE			
SOLAR PANEL	Power (W)	35	50	60	75
	Max output voltage (V)	17.4	18	18	18
	Max output current (A)	2	3	3.5	4.5
	Efficiency	>12%			
	Lifetime	>25 years			
	Certification	IEC 61215			
LED LIGHT	Lumen efficiency	150 Lumens/W			
	Lifetime	>10 years			
	Certification	LM80			
BATTERY	Nominal Voltage	14.8 V	2×(14.8 V)	2×(14.8 V)	3×(14.8 V)
	Capacity (Wh)	77	154	154	231
	Upper cutoff voltage	16.8 V	16.8 V		
	Lower cutoff voltage	12 V	11.6 V		
	Idle current (mA)	<50	<50	<50	<50
	Lifetime	>1000 cycles			
	Certification	UL / BIS / IEC-62133			
MOTION SENSOR	PIR detection range (meter)	NA	12@5	14@6	16@7
GSM FEATURES	control	Light ON/OFF, DIM from 10% to 100%			
	monitor	Solar panel,Light ,Battery parameters & Run time in hrs			
	App	Android / IOS / Web based			
CASING	IP	65			
LENS	FWHM angle	108×48 degree			

MECHANICAL SPECIFICATIONS FOR POLE

MODEL	LI3 GSM	LI4 GSM	LI5 GSM	LI6 GSM
INSIDE DIA (Light)	54mm	54mm	54mm	63mm
POLE DIA (Bend Pipe)	48mm / 2"	48mm / 1 ¾"	48mm / 1 ¾"	60mm / 2"

PACKING MATERIAL SPECIFICATIONS MASTER CARTON

MODEL	QUANTITY (Units)	BOX DIMENSIONS (cm)
LI 3 GSM light	5	48×25×49
LI 3 GSM Solar panel (26/35 W)	5	69×28×48
LI 4+/LI 5+ GSM light	5	55×25×50
LI 4+ GSM Solar panel (50 W)	5	59×21×70
LI 5+ GSM Solar panel (60W)	5	64.5×21.5×69
LI6+ GSM light	2	62×26×33
LI6+ GSM solar panel (75W)	2	89×10×69