



# TECHLAN

Integrated Solar Street Lights



***SSL-F Series***

***PJU with Motion Sensor***



***SSL-F20-001GB***

***PJU with Billboard***



***SSL-F20-001GC***

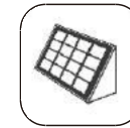
***PJU with Camera***

| Since 2005 | Integrated Solar Lights | Customization | Total Solution |



# SSL-F SERIES

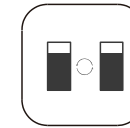
Patent No.: 201621088792.3



Monocrystalline Solar Module



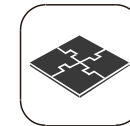
Efficient Controller



Battery system



CREE LED



All-In-One



Anti-Typhoon



PIR motion Sensor



IP65

## NEW SERIES

- Ultra-thin Design
- LED Modular Thermal Design
- Innovative Battery Protection System
- Easily Replaceable Battery

# Unique Advanced Technology

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Ultra-Thin Design



**MUCH BRIGHTER**

140Lm/W, 30% brighter than other similar products



**MUCH SAFER**

Battery can be easily replaced

SSL-F30-40



SSL-F20



SSL-F15



## ► Technical Specification

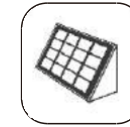


Name	Specification			
Model No.	SSL-F40	SSL-F30	SSL-F20	SSL-F15
Solar Panel	18V/60W	18V/60W	18V/40W	18V/30W
Battery Type	Lithium Battery	Lithium Battery	Lithium Battery	Lithium Battery
Light Source	40W CREE	30W CREE	20W CREE	15W EVERLIGHT
Color Temperature	2700-6500K	2700-6500K	2700-6500K	2700-6500K
Luminous Flux	5600Lm(TYP)	4200Lm(TYP)	2800Lm(TYP)	1800Lm(TYP)
Working Hours	12~14 hours, 3~5 rainy days	12~14 hours, 3~5 rainy days	12~14 hours, 3~5 rainy days	12~14 hours, 3~5 rainy days
Charge Time	6~8 hours	6~8 hours	6~8 hours	6~8 hours
IP Rating	IP65	IP65	IP65	IP65
Mounting Height	4-6m	4-6m	5-7m	5-7m
Product Size	1187*280*36.5mm	1187*280*36.5mm	937*280*36.5mm	937*197*36.5mm
Net Weight	16.5kg	15.5kg	11kg	8.5kg



# SSL-SERIES

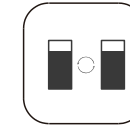
Patent No.: 201621088792.3



Monocrystalline Solar Module



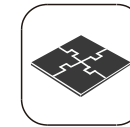
Efficient Controller



Battery system



CREE LED



All-In-One



Anti-Typhoon



PIR motion Sensor



IP65

## BEST SELLERS

Patent Design, Globe First  
LED Modular Thermal Design  
Innovative Battery Protection System  
Typhoon Resistant

INTEGRATED  
SOLAR LED STREET LIGHT

**SSL-F50**  
**SSL-F60**

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► **Technical Specification**

<i>Name</i>	<i>Specification</i>	
Model No.	LRC60W	LRC50W
Solar Panel	18V/90W	18V/80W
Battery Type	LiFePO4 Battery	LiFePO4 Battery
Light Source	60W CREE LED	50W CREE LED
Color Temperature	2700-6500K	2700-6500K
Luminous flux	8400Lm(TYP)	7000Lm(TYP)
Working Hours	12~14 hours,3~5 rainy days	12~14 hours,3~5 rainy days
Charge Time	6~8 hours	6~8 hours
IP Rating	IP65	IP65
Mounting Height	6-8m	6-8m
Product Size	1158*405*56mm	1158*405*56mm
Net Weight	22kg	21.5kg

# INTEGRATED SOLAR LED STREET LIGHT **ISSL- 75**

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## ► Technical Specification

Name	Specification
Model No.	TC-ISSL-75W-HW
Solar Panel	100WP
Battery Type	LiFePO4 3.2V
Light Source	75 CREE
Color Temperature	6000K
Luminous Flux	10000-12000Lm
Working Hours	12~14 hours, 3~5 rainy days
Charge Time	6~8 hours
IP Rating	IP65
Mounting Height	5-7m
Product Size	1608*405*112mm
Net Weight	22kg

# INTEGRATED SOLAR LED STREET LIGHT

**SSL- 80**

**SSL- 100**



## ► Technical Specification

Name	Specification	
Model No.	SSL-F100	SSL -F80
Solar Panel	36V/120W	36V/110W
Battery Type	LIFEPO4 Battery	LIFEPO4 Battery
Light Source	100 CREE	80 CREE
Color Temperature	2700-6500K	2700-6500K
Luminous flux	14000Lm(TYP)	11200Lm(TYP)
Working Hours	12~14 hours, 3~5 rainy days	12~14 hours, 3~5 rainy days
Charge Time	6~8 hours	6~8 hours
IP Rating	IP65	IP65
Mounting Height	8 - 10m	8 - 10m
Product Size	1608*405*112mm	1608*405*112mm
Net Weight	33kg	32kg



# INTEGRATED SOLAR ADVERTISING LIGHT BOX

## SSL-F20-001GB

Patent No.: 201720092288.9

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### ► Technical Specification

Name	Specification	
Model No.	SSL-F20GB	
Solar Panel	18V/80W	
Battery Type	LiFePO4 Battery	
Charge Time	6~8 hours	
Lighting System	LED Power	20W
	Color Temperature	2400-6500K
	Luminous flux	2800Lm(TYP)
	Working Hours	12~14 hours, 3~5 rainy days
	Mounting Height	4-6m
	Product Size	1158*405*56mm
AD Box System	Net Weight	22kg
	Power	20W
	Luminous flux	2800Lm(TYP)
	AD Box Size	900*600*120mm
	Screen Size	900*600mm
	Working Hours	4-6 hours
	Mounting Height	2.5-3m
Net Weight	7kg	

# INTEGRATED SOLAR STREET LIGHT WITH CCTV CAMERA

## SSL-F20-001GC1

Patent No.: 201630487328



### ► Technical Specification

Name	Specification	
Model No.	SSL-F 20GC1	
Solar Panel	18V/80W	
Battery Type	LiFePO4 Battery	
Light Source	20W CREE LED	
Color Temperature	2700-6500K	
Luminous flux	2800Lm(TYP)	
Camera	Pixel	1.3MP
	Lens	8mm
	Memory Card	32G/64G/128G optional
	Interface	WIFI
Working Hours	12~14 hours,3~5 rainy days	
Charge Time	6~8 hours	
IP Rating	IP65	
Mounting Height	4-6m	
Product Size	1158*405*56mm	
Net Weight	21.5kg	

# INTEGRATED SOLAR STREET LIGHT WITH CCTV CAMERA

## SSL-F30-001GC1

Patent No.: 201630487328



### ► Technical Specification

Name	Specification	
Model No.	SSL-F30-001GC1	
Solar Panel	18V/90W	
Battery Type	LiFePO4 Battery	
Light Source	30W CREE LED	
Color Temperature	2700-6500K	
Luminous flux	4200Lm(TYP)	
Camera	Pixel	1.3MP
	Lens	8mm
	Memory Card	32G/64G/128G optional
	Interface	WIFI
Working Hours	12~14 hours, 3~5 rainy days	
Charge Time	6~8 hours	
IP Rating	IP65	
Mounting Height	5-7m	
Product Size	1158*405*56mm	
Net Weight	22kg	

- Globally patented design
- Integrated design with simple installation
- No electricity required
- Telescopic structure for easy mobility
- Uniform light
- 6~8 hours longer advertising time

# INTEGRATED SOLAR LED BILLBOARD LIGHTS

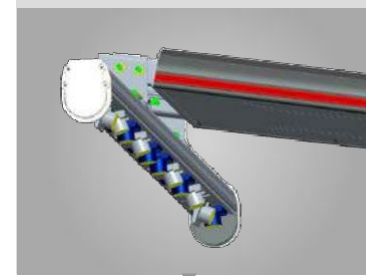
Patent No.: 201710049474. 9

- LFA36W
- LFA24W
- LFA06W

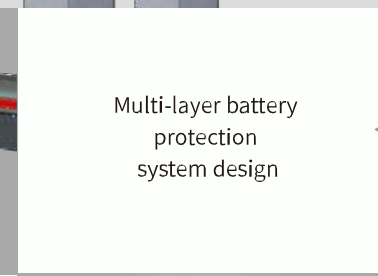


## ► Technical Specification

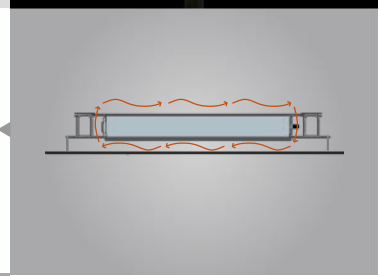
Name	Specification		
Model No.	LFA36W	LFA24W	LFA06W
Solar Panel	18V/60W	18V/40W	18V/18W
Battery Type	LiFePO4 Battery	LiFePO4 Battery	LiFePO4 Battery
Light Source	36W CREE LED	24W CREE LED	6W CREE LED
Color Temperature	2700-6500K	2700-6500K	2700-6500K
Luminous flux	5040Lm(TYP)	3360Lm(TYP)	840Lm(TYP)
Working Hours	4~6 hours, 3~5 rainy days	4~6 hours, 3~5 rainy days	4~6 hours, 3~5 rainy days
Charge Time	6~8 hours	6~8 hours	6~8 hours
IP Rating	IP65	IP65	IP65
Product Size	1155*480*185mm	1155*355*185mm	650*355*75mm
Net Weight	35kg	28kg	8kg



Multi-layer optical system design



Multi-layer battery protection system design



Telescopic structure design



# INTEGRATED SOLAR GARDEN LIGHT **SGL30**

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## ► Technical Specification

Name	Specification
Model No.	SGL30
Solar Panel	18V/60W
Battery Type	LiFePO4 Battery
Light Source	30W Bridgelux+Everlight LED
Color Temperature	2700-6500K
Luminous flux	3600Lm(TYP)
Working Hours	12 hours, 3~5 rainy days
Charge Time	6~8 hours
IP Rating	IP65
Work Temperature	-25°C~65°C
Product Size	769*769*267mm
Net Weight	16.4 kg

# INTEGRATED SOLAR GARDEN LIGHT

**SGL15**  
**SGL09**

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## ► Technical Specification

Name	Specification	
Model No.	SGL15	SGL09
Solar Panel	18V/25W	18V/15W
Battery Type	LiFePO4 Battery	LiFePO4 Battery
Light Source	15W Bridgelux+Everlight LED	9W Bridgelux+Everlight LED
Color Temperature	2700-6500K	2700-6500K
Luminous flux	1600Lm(TYP)	1080Lm(TYP)
Working Hours	12 hours,3~5 rainy days	12 hours,3~5 rainy days
Charge Time	6~8 hours	6~8 hours
IP Rating	IP65	IP65
Work Temperature	-25°C~65°C	-25°C~65°C
Product Size	510*510*230mm	405*405*157mm
Net Weight	11kg	5kg