

# KALINDA



SINGLE ARM



DUAL ARM

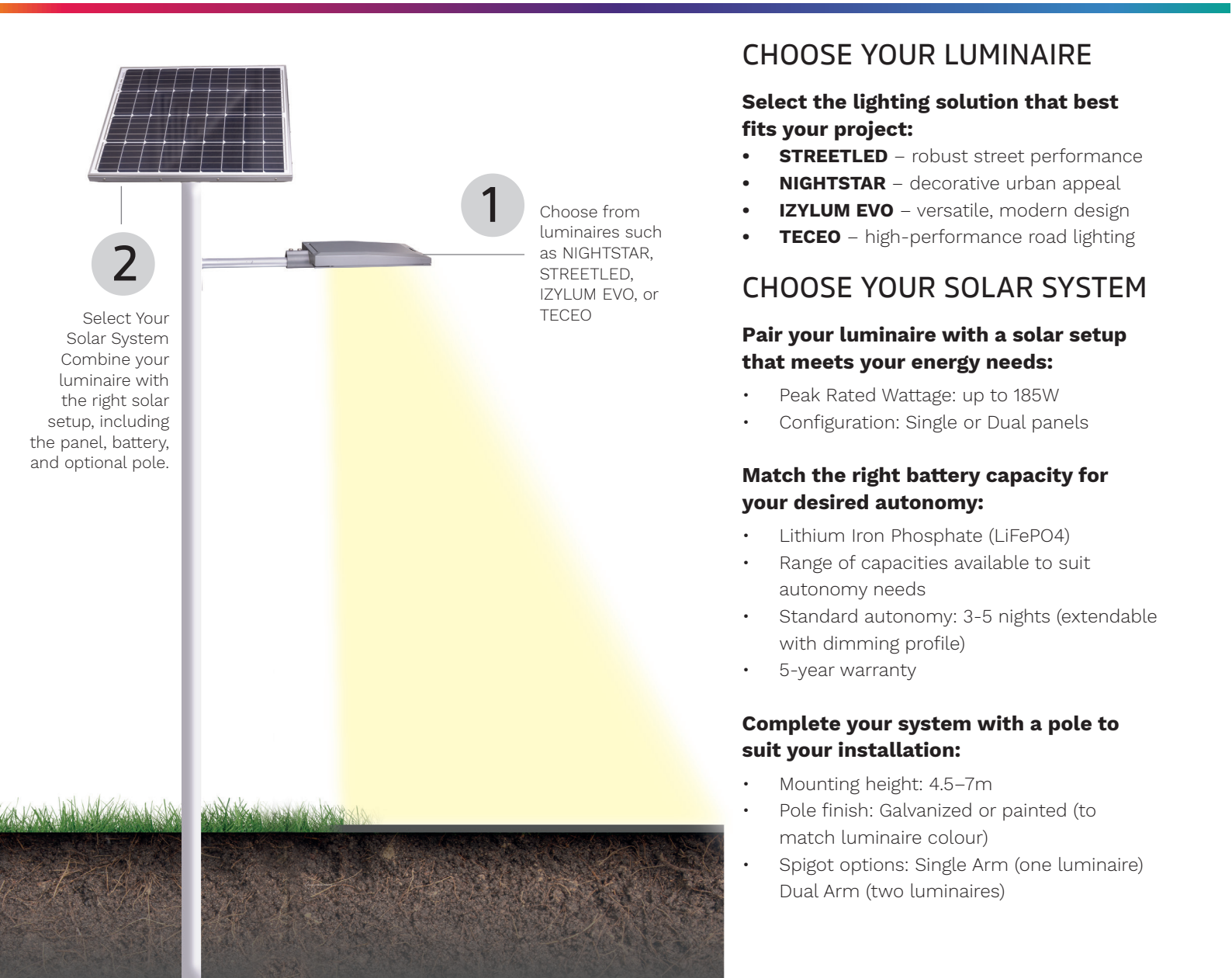


## KEY ADVANTAGES

- > **Modular Design:** Flexible options for single luminaires, solar panels, and battery capacities.
- > **Compatible Luminaires:** STREETLED, NIGHTSTAR, IZYLUM EVO & TECEO.
- > **High Efficiency:** Monocrystalline solar panels & Lithium Iron Phosphate batteries.
- > **Wide Power Range** for varied lighting needs.
- > **Extended Autonomy:** 3-5 nights dusk-to-dawn, extendable with dimming profiles.
- > **Aesthetic Appeal:** Seamlessly fits urban roads, car parks, councils & residential areas.

The KALINDA Solar lighting provides a modular solution with a high efficiency monocrystalline solar panel and lithium iron phosphate batteries. The KALINDA range covers a wide range of wattages with single luminaires and single or dual solar panels and an array of battery capacities.

The KALINDA range is typically more aesthetically suitable for urban roadways, carparks, council and residential locations. Typical autonomy is three days and can be extended when a dimming profile is employed.



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Select Your Solar System  
Combine your luminaire with the right solar setup, including the panel, battery, and optional pole.

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Choose from luminaires such as NIGHTSTAR, STREETLED, IZYLUM EVO, or TECEO

## CHOOSE YOUR LUMINAIRE

Select the lighting solution that best fits your project:

- **STREETLED** – robust street performance
- **NIGHTSTAR** – decorative urban appeal
- **IZYLUM EVO** – versatile, modern design
- **TECEO** – high-performance road lighting

## CHOOSE YOUR SOLAR SYSTEM

Pair your luminaire with a solar setup that meets your energy needs:

- Peak Rated Wattage: up to 185W
- Configuration: Single or Dual panels

Match the right battery capacity for your desired autonomy:

- Lithium Iron Phosphate (LiFePO4)
- Range of capacities available to suit autonomy needs
- Standard autonomy: 3-5 nights (extendable with dimming profile)
- 5-year warranty

Complete your system with a pole to suit your installation:

- Mounting height: 4.5–7m
- Pole finish: Galvanized or painted (to match luminaire colour)
- Spigot options: Single Arm (one luminaire) Dual Arm (two luminaires)

### STREETLED MK3



- Zhaga-Ready
- Wattage: 17W or 24W
- Colour temperature: 3000K or 4000K (CRI 70)
- Autonomy: 3-5 nights
- Solar panel: 90W–185W
- Battery: 40Ah–120Ah
- Charge controller: 10A or 15A
- Finish: RAL 9006

### NIGHTSTAR



- Zhaga-Ready
- Wattage: 12W, 22W or 31W
- Colour temperature: 3000K or 4000K (CRI 80)
- Autonomy: 3-5 nights
- Solar panel: 90W–185W
- Battery: 40Ah–120Ah
- Charge controller: 10A or 15A
- Finish: RAL 9005

### IZYLUM EVO



- Zhaga-Ready
- Wattage: 12W, 22W or 31W
- Colour temperature: 3000K or 4000K (CRI 80)
- Autonomy: 3-5 nights
- Solar panel: 90W–185W
- Battery: 40Ah–120Ah
- Charge controller: 10A or 15A
- Finish: RAL 9006

### TECEO



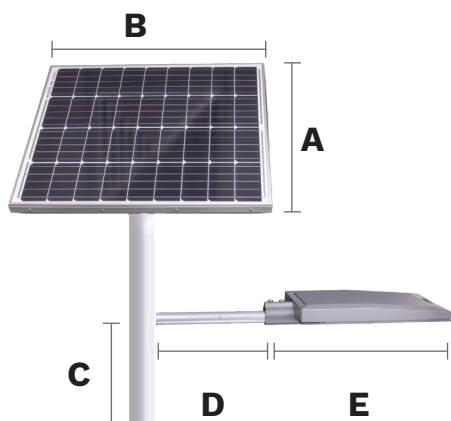
- Zhaga-Ready
- Wattage: 12W, 22W or 31W
- Colour temperature: 3000K or 4000K (CRI 70)
- Autonomy: 3-5 nights
- Solar panel: 90W–185W
- Battery: 40Ah–120Ah
- Charge controller: 10A or 15A
- Finish: RAL 9006

## CHARACTERISTICS

	STREETLED MK3	NIGHTSTAR	TECEO	IZYLUM EVO
Mounting Height	4.5-7m			
Testing Standard	AS/NZS 60598.1:2017			
HOUSING AND FINISH				
Housing	Marine Grade Aluminium	Marine Grade Aluminium	Aluminium	Aluminium
Colour	RAL 9006	RAL 9005	RAL 9006	
Pole Colour	Galvanised			
Tightness Level	IP 65	IP 66		
Tightness Level	IK 08		IK 09	IK 10
OPTICAL INFORMATION				
LED Colour Temperature	3000K/4000K			
Colour Rendering Index (CRI)	CRI 70	CRI 70 & CRI 80		
PERFORMANCE				
Lumen Output	2458-3440 lm	1559-4913 lm		
Lumen Efficacy	>140 lm/W	>150 lm/W		
ELECTRICAL INFORMATION				
System Voltage	12V / 24V DC			
System Wattage	17W & 24W	12W, 22W & 31W		
Battery	40, 80 & 120 Ah Same for all systems			
Autonomy	3 - 5 days standard (options available on request)			
Peak Rated Wattage	90W-185W			
OPERATING CONDITIONS				
Operation	Integrated Dusk to Dawn operation			
Temperature Range from Operation (Ta)	0°C to +40°C			
System Warranty	5 years*			

\* Additional warranty information on request.

DIMENSIONS



- A – Solar Panel - Height**
- B – Solar Panel - Width**
- C – Distance from pole to outreach**
- D – Outreach - Length**
- E – Luminaire - Length**

System						
PANEL (W)	A X B (mm)	C (mm)	D (mm)	PSA (m <sup>2</sup> )*	BATTERY (Ah)	WEIGHT (kg)*
90W	790 x 680	165	500	0.48	40	34
					80	39
					120	45

System						
PANEL (W)	A X B (mm)	C (mm)	D (mm)	PSA (m <sup>2</sup> )*	BATTERY (Ah)	WEIGHT (kg)*
130W	1210 x 680	165	500	0.712	40	39
					80	44
					120	50

System						
PANEL (W)	A X B (mm)	C (mm)	D (mm)	PSA (m <sup>2</sup> )*	BATTERY (Ah)	WEIGHT (kg)*
185W	1490 x 680	165	500	0.864	40	42
					80	47
					120	53

LUMINAIRE				POLE DIMENSIONS
Luminaire Name	E (mm)	PSA (m <sup>2</sup> )*	Weight (kg)*	Spigot (mm)
STREETLED MK3	417	0.03	5	Ø76 x 130
NIGHTSTAR	620	0.03	8	Ø76 x 130
TECEO	580	0.06	8	Ø76 x 130
IZYLUM EVO	737	0.07	8	Ø76 x 130

**Total Weight = System Weight + Luminaire Weight**

\*System Weight includes Outreach Length 500mm

**Total Projected Side Area = System PSA + Luminaire PSA**

\*PSA = Projected Side Area (m<sup>2</sup>) with panel angle at 45degrees (nominal).

## KALINDA PRODUCT CODES

PRODUCT CODE	WATTAGE	CRI	CCT	PANEL (W)	BATTERY (Ah)	AUTONOMY
<b>STREETLED MK3 SOLAR SYSTEMS</b>						
<b>3000K</b>						
KS3130083001L17	17W	70	3000K	130	80	3 Days
KS3185083001L24	24W	70	3000K	185	80	3 Days
<b>4000K</b>						
KS3130084001L17	17W	70	4000K	130	80	3 Days
KS3185084001L24	24W	70	4000K	185	80	3 Days
<b>NIGHTSTAR SOLAR SYSTEMS</b>						
<b>3000K</b>						
KN1090043001L12	12W	80	3000K	90	40	3 Days
KN1130083001L22	22W	80	3000K	130	80	3 Days
KN1185123001L31	31W	80	3000K	185	120	3 Days
<b>4000K</b>						
KN1090044001L12	12W	80	4000K	90	40	3 Days
KN1130084001L22	22W	80	4000K	130	80	3 Days
KN1185124001L31	31W	80	4000K	185	120	3 Days
<b>TECEO SOLAR SYSTEMS</b>						
<b>3000K</b>						
KT1090043001L12	12W	70	3000K	90	40	3 Days
KT1130083001L22	22W	70	3000K	130	80	3 Days
KT1185123001L31	31W	70	3000K	185	120	3 Days
<b>4000K</b>						
KT1090044001L12	12W	70	4000K	90	40	3 Days
KT1130084001L22	22W	70	4000K	130	80	3 Days
KT1185124001L31	31W	70	4000K	185	120	3 Days
<b>IZYLUM EVO SOLAR SYSTEMS</b>						
<b>3000K</b>						
KIE090043001L12	12W	70	3000K	90	40	3 Days
KIE130083001L22	22W	70	3000K	130	80	3 Days
KIE185123001L31	31W	70	3000K	185	120	3 Days
<b>4000K</b>						
KIE090044001L12	12W	70	4000K	90	40	3 Days
KIE130084001L22	22W	70	4000K	130	80	3 Days
KIE185124001L31	31W	70	4000K	185	120	3 Days
<b>PIR SENSOR &amp; DIMMING APPLICATIONS</b>						
HNB358DLPIR-C	ITERRA PIR Sensor					

