

SOLAR LED



APOLLO

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The Apollo is an all in one solar luminaire, featuring built in MPPT technology that tracks the maximum sun for a quick charge. The Apollo allows for 8-10 hours of full brightness after a full charge, or 36 hours in dimming mode. It also features a wide range of control system functions: switch on, dimming, colour temperature, timing, light control, motion sensor, working status display, energy saving analysis, fault report, GIS positioning and group function via it's in built iSense Smart Control System.



TYPICAL APPLICATIONS



Urban and Rural Roads, Highways, Water Dikes, Bridges, Parks, Industrial Areas, City Squares, Residential Areas

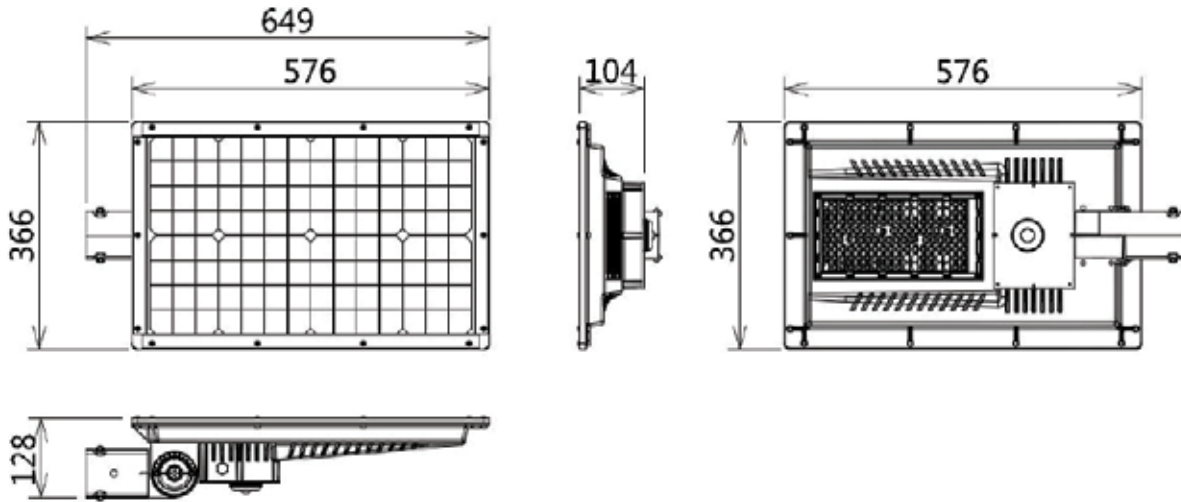
SPECIFICATIONS

Model	PLIAP010	PLIAP020	PLIAP030	PLIAP040	PLIAP050	PLIAP060
Optical Characteristics						
Rated Wattage	10W	20W	30W	40W	50W	60W
Lumens	1700	3200	4440	5600	6750	7800
System Efficacy	170Lm/w	160Lm/w	148Lm/w	140Lm/w	135Lm/w	130Lm/w
Colour Temperature CCT	5000K / 4000K / 3000K					
CRI (Ra)	>70					
Reported L70	>50,000 Hours					
Lens Optic Type	70° x 150°					
Solar Characteristics						
Solar Panel	30W			75W		
Photovoltaic Panel	Monocrystalline Silicon Photovoltaic Panel					
Li-on Battery	12V/13AH			12V/40AH		
Charging Time	5-7 Hours					
Run Time (Full Power)	10 Hours			7.5 Hours		6 Hours
Environment						
IP Rating	IP65					
Impact Rating	IK08					
Operating Temperature	-30°C To 50°C					
Product Material and Mounting						
Option 1	Adjustable Post Top Mount (60MM Spigot)					
Option 2	Adjustable Side Entry Mount (60MM Spigot)					
Product Material	Aluminium Housing					
Lens Cover / Optics Material	PC Lens					
Dimensions and Weights						
Product Dimensions	649*366*128			931*535*137		
Product Weight	7.6KG			16.4KG		
Packaging Dimensions	644*434*188			980*600*180		
Gross Weight	8.4KG			18.0KG		
Warranty & Certifications						
Warranty	3 Year Warranty					
Certification	SAA / CE					

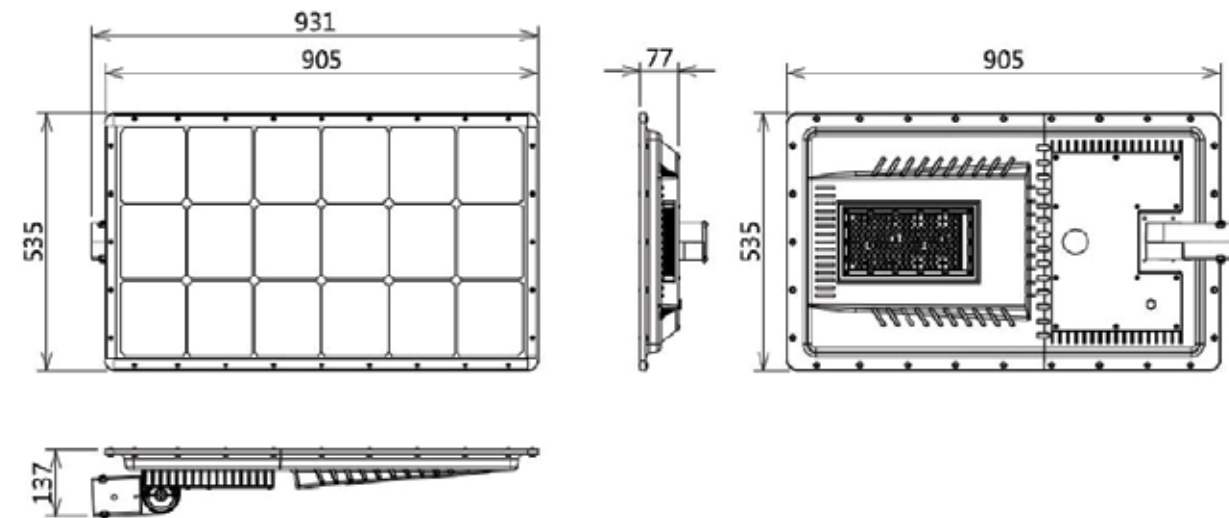
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DIMENSIONS

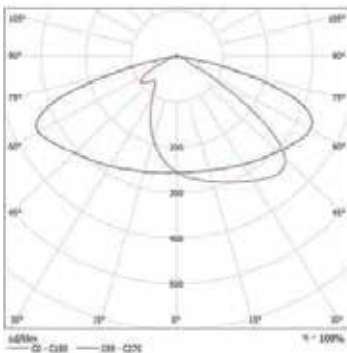
10/20W



30/40/50/60W



PHOTOMETRIC DIAGRAMS



70° x 150°

ORDERING METHODOLOGY

PLI-APO

XX
WATTS

- 10W
- 20W
- 30W
- 40W
- 50W
- 60W

XX
CCT

- 50 (5000K)
- 40 (4000K)
- 30 (3000K)

ACCESSORIES

60MM SPIGOT

PLIAP0/SP

SMART TECHNOLOGY

Built in MPPT Technology to track maximum sunlight for quick charging and an EMS Management System to monitor, control and carry out optimal energy usage even after 10 days of rainy weather. The Apollo also has multiple built in control system functions via the iSense Smart Control System which is controlled remotely from a mobile device or computer: switch on, dimming, colour temperature, timing, light control, motion sensor, working status display, energy saving analysis, fault report, GIS positioning and group function.

