

Athena Black

Patented Integrated solar street lights

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LED & Optical

Output Range:	4,800-14,400lm
Photometric Options:	80°X150°
System Efficacy:	160LM/W
CCT:	2700K-6500K

Solar Panel

Type:	Mono Crystalline
Capacity:	40W~100W

Warranty

Standard:	3 years
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Operation Mode

By Time:	100%-4hrs, 50%-2hrs, 25%-6hrs
By PIR sensor:	100% when the sensor is triggered, 25% after stand-by time 20s
By Time & PIR:	100% when the sensor is triggered, 25% after stand-by time 20s-4hrs; 50% when the sensor is triggered, 12.5% after stand-by time 20s-2hrs; 25% when the sensor is triggered, 6% after stand-by time 20s-6hrs

*All setting can be done by single press from remote control.

*Remote control needs to be purchased separately.

Construction & Finishing

Housing:	Aluminum
Lens:	PC Lens
Paint:	Corrosion resistant powder coated paint

Ratings

IP Rated:	IP65
Working Temperature:	-20°C~70°C

Charge Controller

PWM Charging:	Yes
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Compliance Standards

Fixtures:	CE, ROHS
Battery:	IEC 62619
Solar Panel:	IEC 61215

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PARAMETERS

Item number	Solar Panel	LED	Fixture Wattage	Lumens (lm)	LiFePo4 Battery	CTN Dimension LxWxH (mm)	Spigot (Φ mm)
Athena-30	40W	3030	30W	4,800	192Wh	625X415X180	60-80
Athena-50	60W	3030	50W	8,000	288Wh	860X415X180	60-80
Athena-70	80W	3030	70W	11,200	384Wh	1100X415X180	60-80
Athena-90	100W	3030	90W	14,400	480Wh	1340X415X180	60-80



30W



50W



70W



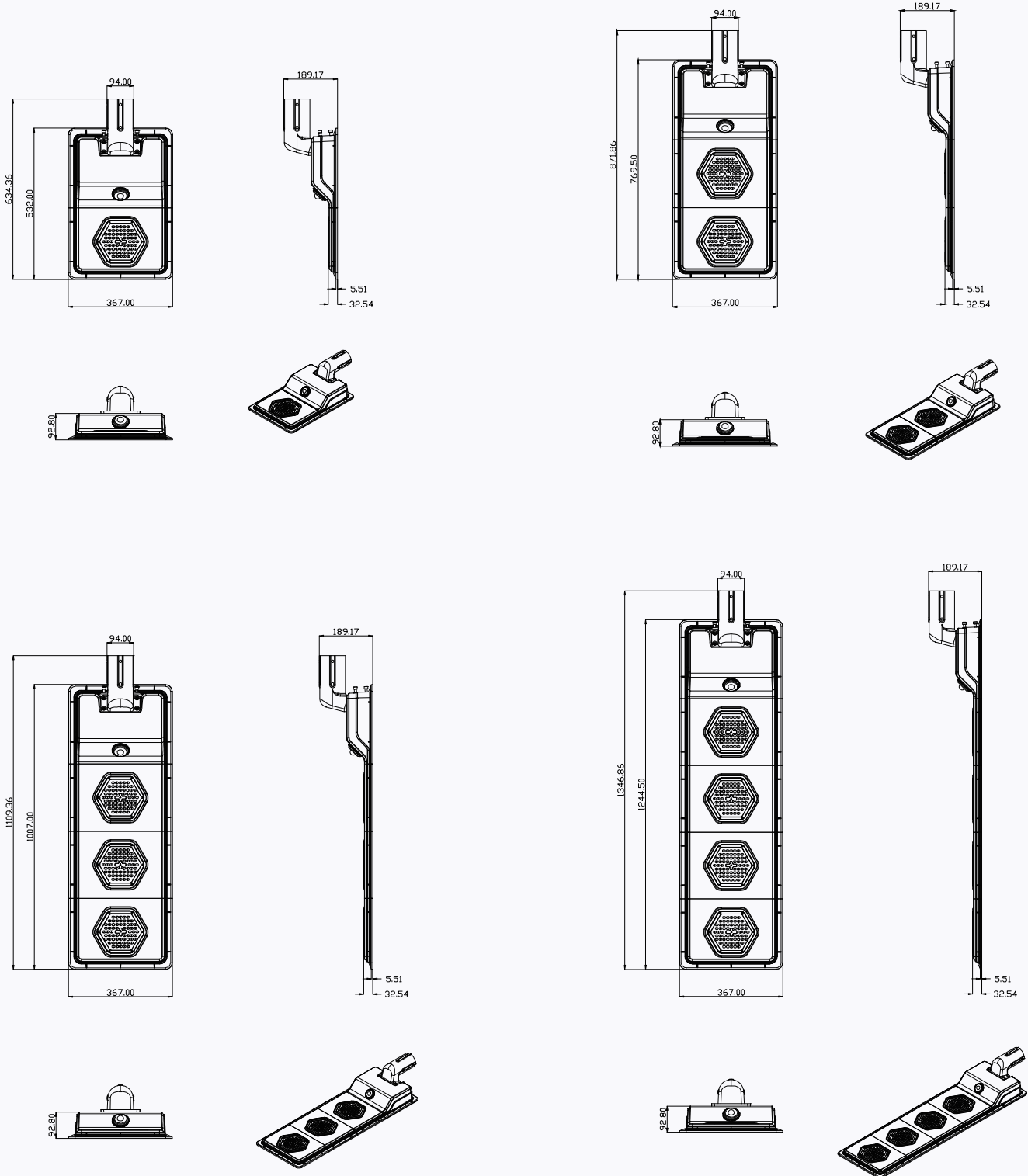
90W

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Dimension



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