

ALTARA

SOLAR POWER SUPPLY

ALTARA is a self-sufficient solar lighting solution designed for exposed, off-grid locations and challenging weather conditions. Its vertical solar design and integrated energy management support dependable illumination for bus stops, pedestrian areas, carports, and bicycle facilities.

COMPATIBILITY NOTICE

Photinus provides Altara-compatible fixtures and is not responsible for functionality with non-approved fixtures. Testing for non-approved fixtures is available — subject to limitations and conditions. Consult the factory for testing.

Altara availability is dependent on project location.
Please consult factory for confirmation.



SOLAR MODULE	
Solar Module	Monocrystalline silicon cells, processed by Photinus
Efficiency	17.4%
Max Performance P _{mp}	112 Wp* / 4 Solar Modules. Modules also charge in cloudy conditions

*Wp = Watt Peak: maximum power output under standard conditions.

OUTPUT RATING	
Voltage	Constant Current
Wattage	4.5W–30W. Class 2 Output.

BATTERY	
Battery	LiFePO4 / 538 Wh (12.8V 42Ah)
Operating Temperature	-4°F to 140°F [-20°C to 60°C]
Battery Life	>10 years
Rating	IP65

GENERAL	
Material	Aluminum
Impact Resistance	IK06
Finish	Powder coat
Weight	59.5 lb [27 kg]
Salt Spray Test	ISO 9227:2012
Warranty	3 Years
Certification and Listing	ETL Listing pending — Intertek, to ANSI/CAN/UL 8801

ORDER CODE

MODEL	OUTPUT	TIME MANAGEMENT	MOUNTING	FINISH	OPTIONS	LOCATION
ALTARA	OPx Output to be determined by Photinus according to project requirements x = output	V5 Standard Setting V0 No Time Management V3 Continuous lighting 100% V3M Light-on-Demand, requires PIR/PILG option V4 Night-time reduction to 40% For other time management options, consult factory.	SM Surface Mount	D Dark	00 None PIR Sensor PILG All-in-one E-safe Hub Sensor	ADDRESS Provide Full Address of Installation

SPECIFY YOUR CODE — example values shown in grey

ALTARA

MODEL

OUTPUT

OP

TIME

V5

MOUNTING

SM

FINISH

D

OPTIONS

00

LOCATION

ADDRESS

STREET

CITY

STATE

ZIP

STANDARD WATTAGE OUTPUT

For information purposes only. Final settings are contingent upon install location and desired wattage and lumen output.

SEATTLE, WA latitude 47.608013			PALM SPRINGS, CA latitude 33.830517		
MODEL	TIME MANAGEMENT	WATTAGE	MODEL	TIME MANAGEMENT	WATTAGE
ALTARA	V5 Standard Setting	4.5 W	ALTARA	V5 Standard Setting	15.1 W
	V3M reduction to 10% and activated at 100%	7.0 W		V3M reduction to 10% and activated at 100%	29.3 W
	V3 continuous lighting at 100%	2.0 W		V3 continuous lighting at 100%	7.0 W
	V4 Night-time reduction to 40%	3.2 W		V4 Night-time reduction to 40%	12.3 W

ENERGY AND TIME MANAGEMENT



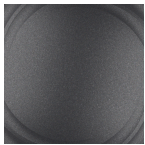
OPTIONS

PIR / PILG Sensor / all in one E-safe Hub Sensor

Each luminaire can be equipped with a PIR sensor for stand-alone or networked light-on-demand control. One GPS-equipped luminaire enables real-time communication across the system, allowing fixtures to adjust output based on activity for improved efficiency, reduced light pollution, and dependable illumination when needed.



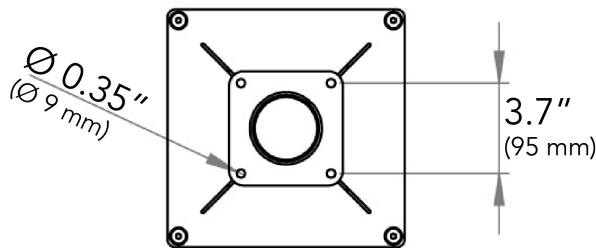
TOWER FINISH



D Sparkling Iron Effect Dark
Tiger 29/70787
Powder Coat

MOUNTING

SM Surface Mount — base plate detail



DIMENSIONS

DATUM 0 AT GRADE

