

APRIL

Off-grid light for gardens and pathways: APRIL is a solar-powered bollard with a high-efficiency monocrystalline panel and a LiFePO4 battery. Sleek and modern, with even, consistent illumination.

Garden

Orchard

Walkway

Pathway

 IP66

 IK07

 Surge Protector

 RoHS

 5 YEARS WARRANTY eralux

Project Information

Type: _____ Date: _____

Project: _____

Catalog #: _____

Notes: _____



Key Specifications

Solar & battery

Battery	LiFePO4
Battery capacity	38.4Wh
Solar panel power	5W
Charging time	8h

Optical

Power consumption	3W
THD	<20%
CCT	3000K · 4000K · 5000K (80 CRI)
Efficacy	~105lm/W
Distribution	Type 5W

Physical

Mounting	Concrete anchor mount
Height	36.22in
Finish	Black
Ambient	0°C to 50°C
Protection	IP66 · IK07 · C3 corrosion
Surge	2KV surge protector

Operating time

Normal mode	11h
Intelligent mode	2-3 days

Certifications

Listings	RoHS
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System Warranty

3 years battery · 5 years other

Eralux will warrant defective drivers, LEDs and boards for 5 years and defective batteries for 3 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers, boards and batteries at no fee with thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L70 at 50000h

Rated for 70% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-OD-AP

01 FIXTURE FAMILY



AE-OD-AP

ERALUX Outdoor Products April solar bollard fixture

02 POWER & HEIGHT

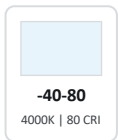
-3W-36

3W | 340lm
36.22in height

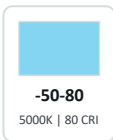
03 CRI & CCT



-30-80
3000K | 80 CRI

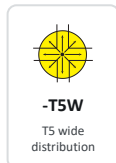


-40-80
4000K | 80 CRI



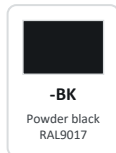
-50-80
5000K | 80 CRI

04 DISTRIBUTION



-T5W
T5 wide
distribution

05 FINISH



-BK
Powder black
RAL9017

Accessories (ordered separately)

[RESET](#)

AE-OD-AP

01 ACCESSORY FAMILY



AE-OD-AP

ERALUX Outdoor Products April solar bollard fixture

02 ACCESSORY



-ACC-HSS
Side shield



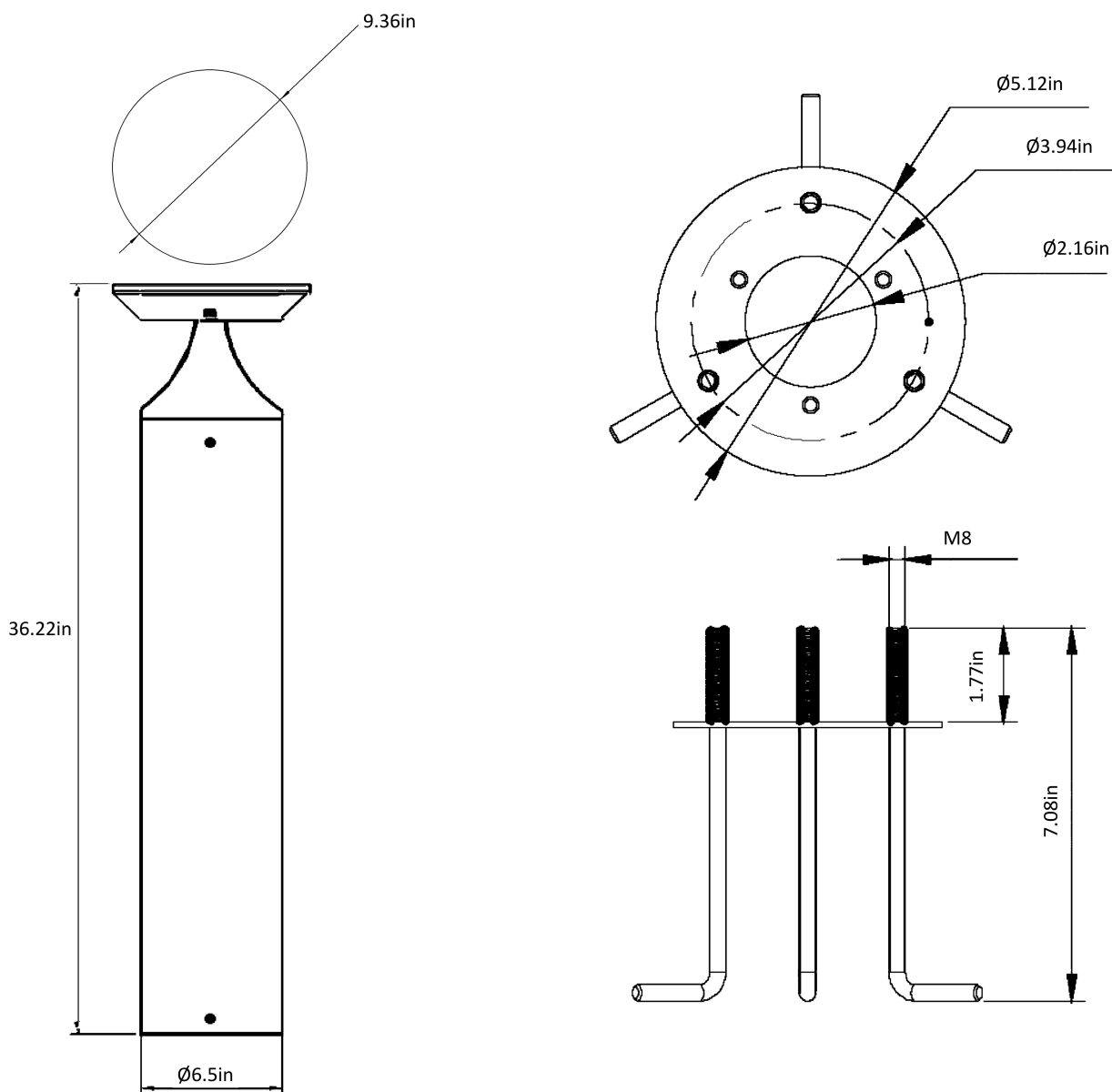
-ACC-REMOTE-CONTROL
Remote control



-ACC-BACKFILLED-ANCHOR
Backfilled anchor

Side shield directs light from one face only. The remote control sets the intelligent lighting schemes. Backfilled anchor for concrete.

Dimensions



Body and base plate

All dimensions in inches. Installation instructions: [Install Instruction link](#)

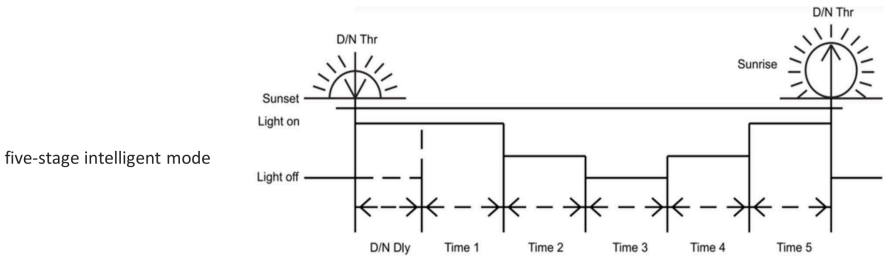
Working Mode

Each bollard is energized by the LiFePO4 battery, charged by the monocrystalline silicon solar panel from sunlight, so no wiring or electrical installation is needed. This cheap and reliable energy helps reduce carbon emissions compared with traditional light. Avoid being shaded by trees and buildings.

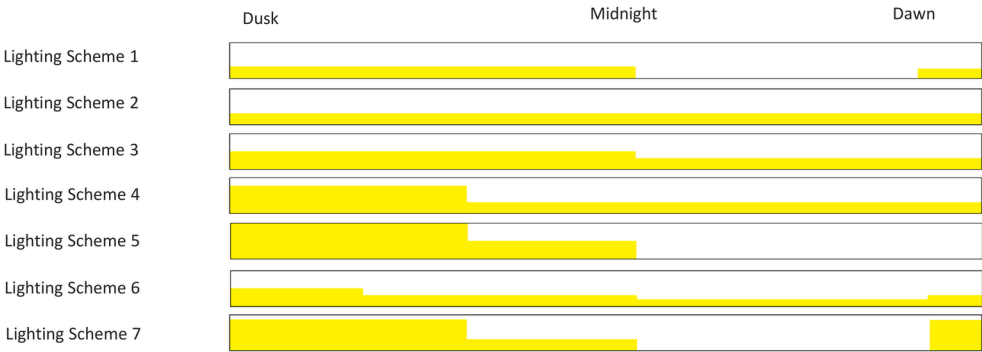


Automatic activation (PWM controller) saves energy and lasts longer. The operating hours can be divided into a five-stage intelligent mode from dusk till dawn, and the light intensity can be modified using the remote control (sold separately). With this control it can operate continuously for 3-4 days with 8h of charging time.

Five-Stage Intelligent Mode



Lighting Scheme	Time 1	Time 2	Time 3	Time 4	Time 5	Energy consumption	Working hours in rainy days
1	6 hours 30%	0 hours	0 hours	TOT 0%	1 hour 30%	7.4WH	4-5 days
2	6 hours 30%	6 hours 30%	0 hours	0 hours	0 hours	12.6WH	3-4 days
3	6 hours 50%	6 hours 30%	0 hours	0 hours	0 hours	16.8WH	2-3 days
4	4 hours 70%	4 hours 30%	4 hours 30%	0 hours	0 hours	18.2WH	1-2 days
5	4 hours 100%	2 hours 50%	0 hours	0 hours	0 hours	17.5WH	2-3 days
6	2 hours 50%	4 hours 30%	0 hours	TOT 20%	1 hour 30%	12.3WH	3-4 days
7	4 hours 80%	2 hours 30%	0 hours	TOT 0%	1 hour 80%	16.1WH	2-3 days



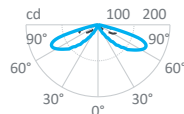
Set the mode times 1-5 using the remote control; a custom intelligent mode can be set up. Battery capacity is 38.4Wh and battery charging capacity is 24Wh/day: keep battery energy consumption at or below 20Wh/day.

Photometric Data

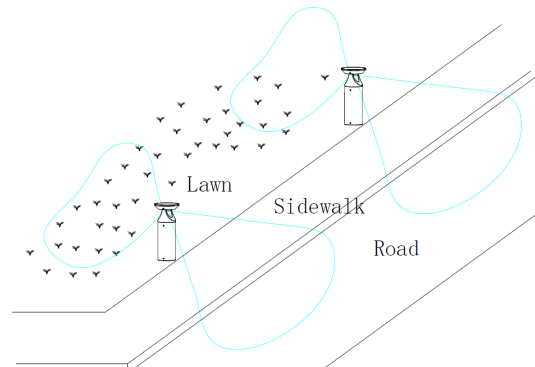
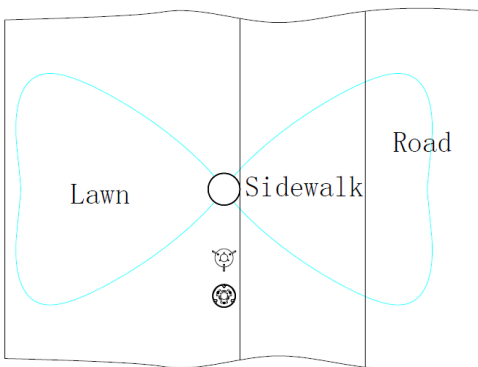
AE-OD-AP-3W-XX-40-80-T5W-BK

TYPE 5 WIDE

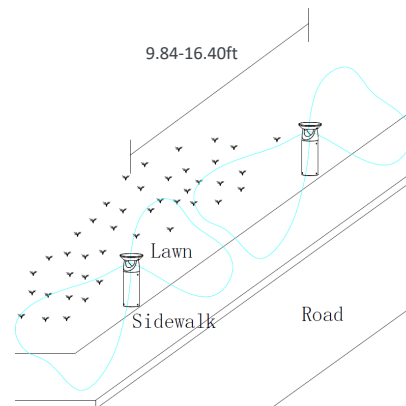
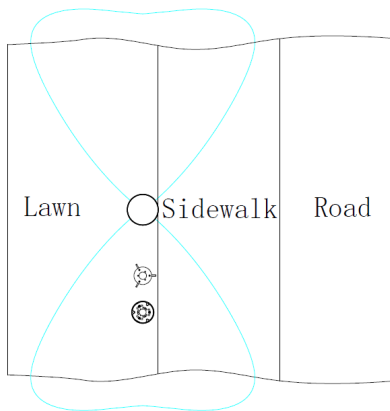
Wattage	3.2W	0-20°	0.24	0.07
CCT	4000K	0-30°	4.03	1.16
Distribution	T5W	0-40°	20.64	5.94
		0-60°	139.33	40.07
		0-80°	335.02	96.35
		0-90°	345.67	99.41



Distribution



Type 5 distribution: light is perpendicular to the road.



Type 5 distribution: light is parallel to the road.