



**E2 ST SERIES**  
 2,000 - 10,000 Lumens  
 Bi-Level Motion Dimming

STANDARD KELVIN TEMPS ARE 3000K-6000K, LESS THAN 2% BLUELIGHT AVAILABLE.



**E2 ST SERIES**  
 2,000 - 10,000 Lumens  
 Bi-Level Motion Dimming

**APPLICATIONS:**

Surface Streets & Service Roads, All Residential, Commercial, Service Industry & Government Facilities, Parks, Bus Stops, crosswalks, Walk & Bike Paths, Schools

**FEATURES:**

- 3 Lighting Modes
- Energy Saving PIR Motion Sensor
- ALS 2.0 + VFT + TCS Technology For All Night Lighting
- Material: Aluminum Alloy & Tempered Glass
- Solar Charging Time : 10 Hours
- Lighting Time : Approximately 7 Nights
- 3 Year Warranty On Battery
- No Wiring or Utility Power Required. No Trenching!

| PRODUCT NO. | LUMENS | LI-ION BATTERY | SOLAR PANEL | SIZE              | WEIGHT | LED LIFE  | CRI |
|-------------|--------|----------------|-------------|-------------------|--------|-----------|-----|
| E2-ST2      | 2,000  | 40AH 3.7V      | 18W         | 678 x 303 x 84mm  | 36LBS  | 50,000hrs | 83  |
| E2-ST3      | 3,000  | 50AH 3.7V      | 21.6W       | 812 x 303 x 84mm  | 36LBS  | 50,000hrs | 83  |
| E2-ST4      | 4,000  | 70AH 3.7V      | 30.6W       | 963 x 303 x 84mm  | 41LBS  | 50,000hrs | 83  |
| E2-ST5      | 5,000  | 90AH 3.7V      | 43.2W       | 1326 x 303 x 84mm | 56LBS  | 50,000hrs | 83  |
| E2-ST6      | 6,000  | 110AH 3.7V     | 48.15W      | 1095 x 381 x 84mm | 65LBS  | 50,000hrs | 83  |
| E2-ST7      | 7,000  | 130AH 3.7V     | 57.6W       | 1326 x 381 x 84mm | 65LBS  | 50,000hrs | 83  |
| E2-ST8      | 8,000  | 150AH 3.7V     | 72W         | 1563 x 381 x 84mm | 87LBS  | 50,000hrs | 83  |
| E2-ST9      | 9,000  | 160AH 3.7V     | 72W         | 1563 x 381 x 84mm | 87LBS  | 50,000hrs | 83  |
| E2-ST10     | 10,000 | 180AH 3.7V     | 72W         | 1563 x 381 x 84mm | 89LBS  | 50,000hrs | 83  |

## E2 ST SERIES

2,000 - 10,000 Lumens

*Bi-Level Motion Dimming*



### ALL-IN-ONE DESIGN:

- Battery, LED Lights & Solar Panel
- Aluminum Alloy
- IP65 Rated

### UNIQUE FEATURES:

- No Utility Power Required
- Zero Increase to Power Bills
- No Trenching to Add New Lights
- Increase Safety to Dark Areas

### DETACHABLE CONSTRUCTION:

- Battery Pack
- LED
- Panel Casing
- Solar Panel

### BATTERY:

- Lithium Power Battery
- 1500 Life Cycles
- Long Lasting Power
- 3 Year Battery Warranty
- Replaceable / Serviceable Battery

### LIGHTING ELEMENTS:

- High Efficiency LED with 50,000 Plus Hour Lifespan
- SEOUL Manufacturer / Technology

### 3 LIGHTING MODE OPTIONS:

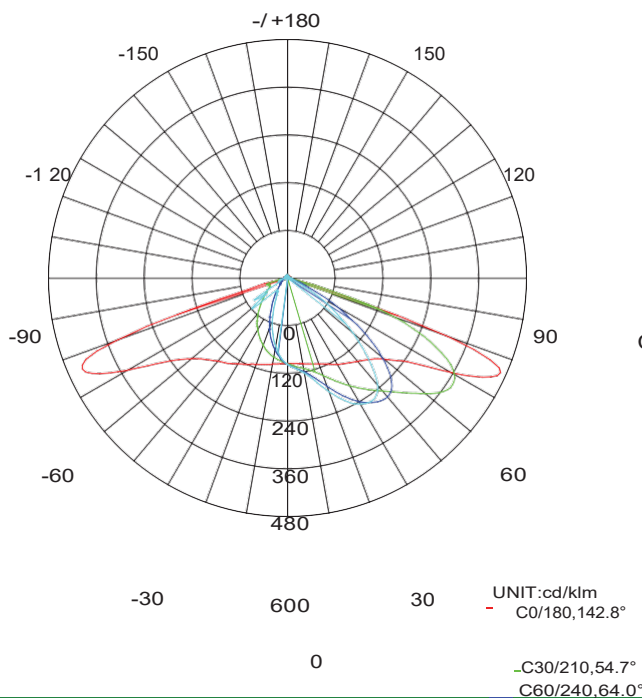
- M1: 30% Brightness + PIR Until Dawn
- M2: 5 Hours 100% Brightness + 5 Hours PIR with 25% Dim Light + 70% Brightness Until Dawn
- M3: 70% Brightness Until Dawn

### SUGGESTED MOUNTING HEIGHTS

| PRODUCT NUMBER | LUMENS | INSTALLATION HEIGHT |
|----------------|--------|---------------------|
| E2-ST2         | 2,000  | 2-3 METERS          |
| E2-ST3         | 3,000  | 3-4 METERS          |
| E2-ST4         | 4000   | 4-6 METERS          |
| E2-ST5         | 5,000  | 4-6 METERS          |
| E2-ST6         | 6,000  | 5-7 METERS          |
| E2-ST7         | 7,000  | 5-7 METERS          |
| E2-ST8         | 8,000  | 6-8 METERS          |
| E2-ST9         | 9,000  | 6-8 METERS          |
| E2-ST10        | 10,000 | 6-8 METERS          |

### PHOTOMETRICS FOR 2000-5000 LUMEN FIXTURES

**INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS**



**MAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM**

