

# Product sheet

## Features

# AEC-SLI10-U25-S

## Villaya Lighting SSL 01 with detector



### Lighting

|                                   |                                                        |
|-----------------------------------|--------------------------------------------------------|
| Consumption module LED 10 to 25W* |                                                        |
| Luminous flow                     | 1600 to 2800 lumens*                                   |
| Max light output                  | 164 lm/W                                               |
| Optical efficiency                | 92%                                                    |
| Color temperature                 | Blanche (5700 K) (4000K and 3000K available on demand) |
| Lifetime                          | 50,000 hours (certified by IESNA LM-80 TM-21)          |
| Applications                      | Road or square lighting                                |

### Solar panel

|                        |                             |
|------------------------|-----------------------------|
| Solar panel technology | Monocrystalline, Horizontal |
| Power                  | 50 Wp                       |
| Peak voltage           | 18.54 V                     |
| Lifetime               | 80% power after 25 years    |

### Storage

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| Battery technology                    | NiMH battery (Nickel Metal Hydride) |
| Tension                               | 12 V                                |
| stored energy                         | 120 Wh                              |
| Operating temperatures -40°C to +70°C |                                     |
| Autonomy                              | 2 days at maximum flow              |
| Lifetime                              | 12 years                            |

\*when sensor activated

### Additional technical description

|                               |                     |
|-------------------------------|---------------------|
| Dimensions (L x l x H)        | 1047 x 397 x 131 mm |
| Product weight all integrated | 13kg                |

### Mast

|                         |               |
|-------------------------|---------------|
| Recommended mast height | 3 to 5 meters |
| Mast top diameter       | 60 mm         |

### Environment

|                    |                          |
|--------------------|--------------------------|
| Temperature ranges | Operation: -20 to +70° C |
| Water resistance   | IP65                     |
| Relative humidity  | 90%                      |
| SCx                | 0,08 m <sup>2</sup>      |

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### Certifications

EN 13032-1; EN 13032-2; EN13201; EN 60598-1; ONE  
62471; IEC61215; IEC 61730 I & II, EN 62133, CE,  
EN61000; EN61547; EN55015; EN62493; EN62479;  
EN300328; EN301489-1

### Guarantee

6 years

### Packaging Information

| Type       | Dimensions<br>(L x B x H in mm) | net weight (kg) | Gross weight (Kg) | Number of units |
|------------|---------------------------------|-----------------|-------------------|-----------------|
| Per box    | 1180 x 480 x 180 13             |                 | 15,5              | 1               |
| Per pallet | 1200 x 1000 x 1080 156          |                 | 186               | 12              |

### Applications & Lighting programs

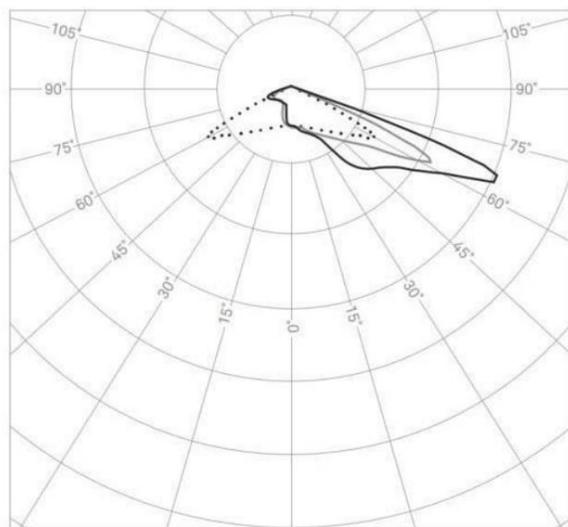
#### Technology

Application SSL Schneider

#### Communication

Bluetooth

### Polar diagram



.... C0-C180    — C30-C210    — C90-C270

