



### Lighting

Consommation du module LED 20W to 50W*	
Luminous flow	3200 to 5600 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 lighting

### Solar panel

Solar panel technology	Monocrystalline, Horizontal
Power	80 Wp (2*40Wp)
Peak voltage	18.72 V
Lifetime	80% power after 25 years

### Storage

Battery technology	NiMH battery (Nickel metal hydrides)
Tension	24 V
stored energy	240 Wh
Operating temperatures -40°C to +70°C	
Autonomy	2 days at maximum flow
Lifetime	12 years

\*when the detector is active

### Additional technical description

Dimensions (L x l x H)	753 x 824 x 105 mm
Product weight all integrated	19 kg

### Mast

Recommended mast height	5 to 7 meters
Mast top diameter	60 mm

### Environment

Temperature ranges	Operation: -20 to +70° C
Water resistance	IP65
Relative humidity	90%
SCx	0,09 m <sup>2</sup>

# Product sheet

## Features

# AEC-SLI20-U50-SA

Villaya Lighting SSL 02 Adjacent with detector

### 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

### Packing Information

Type	Dimensions (L x l x H en mm)	net weight (kg)	Gross weight (Kg)	Number of units
Per box	905 x 800 x 200	20	23.5	1
Per pallet	1200 x 800 x 1040 114		163	6

### Applications & Lighting programs

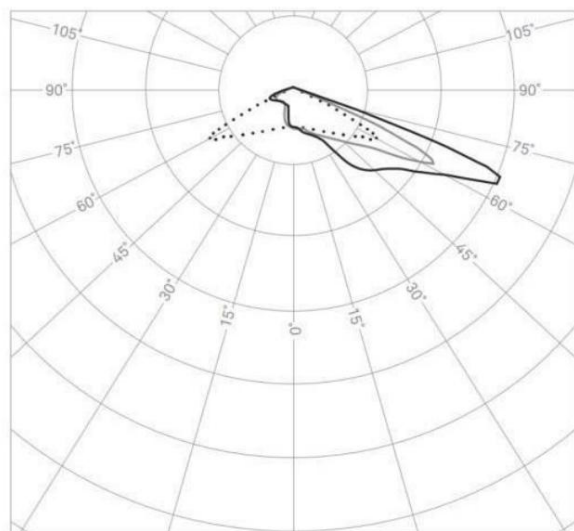
Technology

Application SSL Schneider

Communication

Bluetooth

Polar diagram



.... C0-C180

— C30-C210

- - C90-C270

