

Product sheet

Features

AEC-SLI20-U25-A

Villaya Lighting SSL 02 Adjacent



Lighting

| | |
|----------------------------|--|
| LED module consumption 20W | |
| Luminous flow | 3200 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

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

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 ² |

