



Product data–VELA

| Main Features                    |                       |
|----------------------------------|-----------------------|
| Optical cover / lens type        | Polycarbonate         |
| Command interface                | IR remote control     |
| Guarantee                        | 5 years               |
| Materials                        | Die-casting Aluminium |
| Dimmable                         | Yes                   |
| Automatic Dusk to dawn detection | Yes                   |

| Electrical Specifications           |                 |
|-------------------------------------|-----------------|
| Battery type                        | Lithium battery |
| Battery capacity (ampere-hour)      | >422Wh          |
| Battery voltage                     | 12.8 V          |
| Battery charge and discharge cycles | 2000-3000       |
| Panel type                          | Monocrystalline |
| Panel voltage                       | 18 V            |
| Peak panel intensity                | 80 W            |
| Type of charge controller           | MPPT            |

|                         |      |
|-------------------------|------|
| Charger efficiency      | >90% |
| Charge controller power | 80 W |

| Management and gradation    |              |
|-----------------------------|--------------|
| with gradation              | yes          |
| Configuration possibilities | Configurable |

| Materials and finishes |         |
|------------------------|---------|
| Total length           | 1420 mm |
| Total width            | 380 mm  |
| Total height           | 315 mm  |
| Color                  | Gray    |

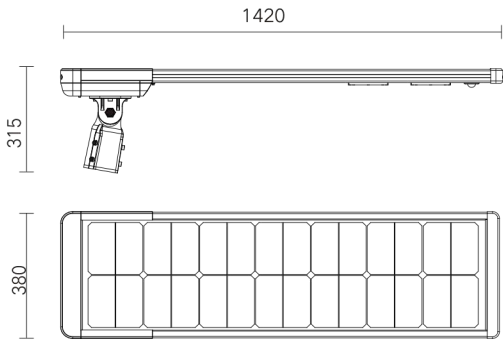
| Standards and recommendations |      |
|-------------------------------|------|
| Protection index code         | IP66 |

|                                  |      |
|----------------------------------|------|
| Mechanical shock protection code | IK09 |
|----------------------------------|------|

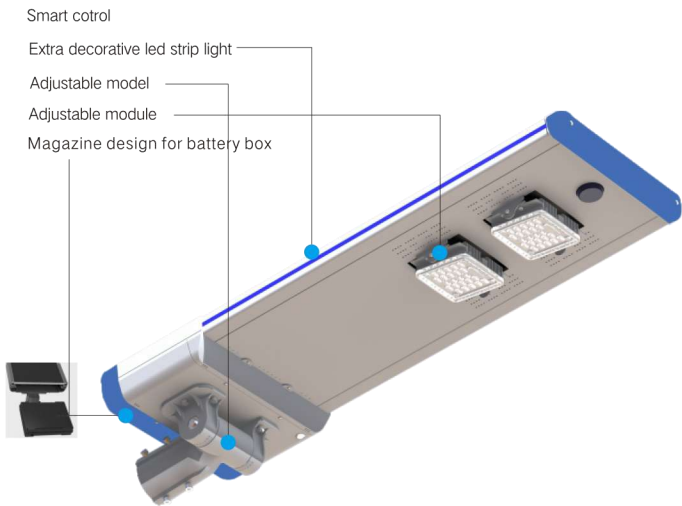
| Initial Performance (IEC Compliant) |             |
|-------------------------------------|-------------|
| Initial luminous flux               | >10400 lm   |
| Initial proximal color temperature  | 2700-6500 K |
| Color rendering index (initial)     | >70         |

| Terms of use                                                 |                                                                                                                                                            |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature range                                    | -20 to +50 °C                                                                                                                                              |
| Ambient temperature range - load                             | 0 to +45 °C                                                                                                                                                |
| Ambient temperature range - discharge (when the light is on) | -20 to +50 °C                                                                                                                                              |
| Autonomy                                                     | > 48 h (with fully charged battery)                                                                                                                        |
| Profil de gradation solaire                                  | First 2 Hrs – On motion : 100%, without motion :30%Next 3 Hrs – On motion : 60%, without motion :20%Next 6 Hrs On motion : 30%, without motion :10%Rest of |

Dimensional drawing



Functions



Lighting Distribution Curve

