

# TECHNICAL DATA SHEET

## GENERAL INFORMATION

|                                   |   |
|-----------------------------------|---|
| <b>Model</b>                      | NOOR SINGLE S   |
| <b>Pole Height</b>                | 6.1 m   |
| <b>Light Spot Height</b>          | 3.75 m  |
| <b>Diameter</b>                   | 190 mm / 108 mm (conical mast)                        |
| <b>Weight</b>                     | 155 kg  |
| <b>Number Of Days Of Autonomy</b> | > 3 days<br>(luminous efficacy automatically reduced) |

## LUMINARY

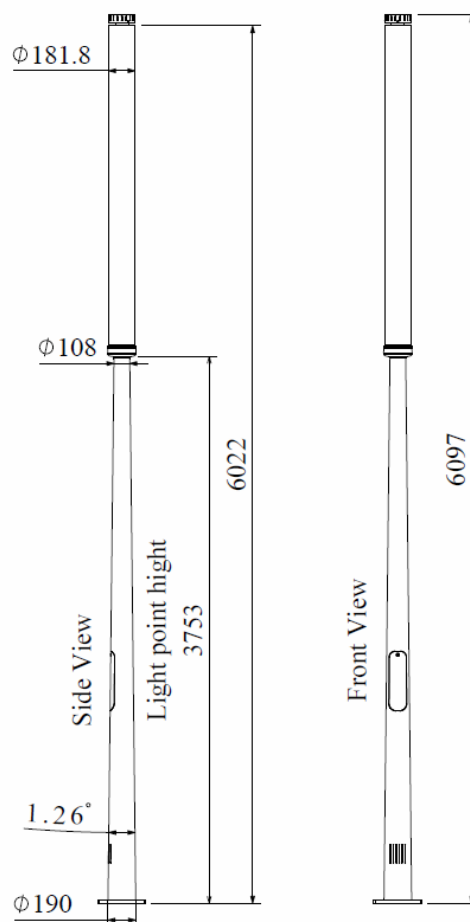
|                              |  |
|------------------------------|--|
| <b>LED Type</b>              | Bridgelux White<br>Bridgelux RGB                                       |
| <b>LED Quantity</b>          | 180 pcs White<br>60 pcs RGB (20 per color)                             |
| <b>LED Wattage</b>           | 27W max. White<br>14W max. RGB ambient                                 |
| <b>Total Capacity</b>        | 600mA @ 3 string White<br>(200mA per string)<br>120mA RGB per color    |
| <b>Input Voltage</b>         | 44V max White<br>38V max RGB ambient<br>(38V red, 40V green, 40V blue) |
| <b>Lumen</b>                 | 3,900 Lumen White max<br>48cd Red, 150cd Green, 28cd Blue<br>ambient   |
| <b>Luminous Efficacy</b>     | 145 Lumen / Watt White   |
| <b>Color Temperature</b>     | 3,000 K  |
| <b>Operation Temperature</b> | -20° / +60°C   |
| <b>Lifetime LED</b>          | > 100,000 hrs  |
| <b>Dimmability</b>           | continuously dimmable<br>(0-100%) White and every color individually   |
| <b>ON/OFF control</b>        | brightness sensor (programmable)                                       |
| <b>Light Profile</b>         | Programmable   |

## SOLAR MODULE

|                 |                          |
|-----------------|--------------------------|
| <b>Type</b>     | Mono crystalline silicon |
| <b>Quantity</b> | 64                       |

## BATTERY

|                       |                              |
|-----------------------|------------------------------|
| <b>Type</b>           | Sealed Lead Acid, deep cycle |
| <b>Quantity</b>       | 6                            |
| <b>Voltage</b>        | 12V                          |
| <b>Capacity</b>       | 12Ah                         |
| <b>Total Capacity</b> | 864Wh                        |
| <b>Lifetime</b>       | 1,500 cycles                 |
| <b>Position</b>       | integrated in pole           |



## POLE

|                 |   |
|-----------------|---|
| <b>Material</b> | steel hot-dip galvanized<br>with powder coating |
| <b>Color</b>    | silver metallic pole                            |
| <b>Windload</b> | 36 m/s  |

## WARRANTY

|                         |                    |
|-------------------------|--------------------|
| <b>Pole</b>             | corrosion 10 years |
| <b>Solar Module</b>     | 10 years           |
| <b>Battery</b>          | 2 years            |
| <b>Electronic Parts</b> | 5 years            |

## PROTECTION AND SECURITY

|                                    |
|------------------------------------|
| IP 66 Protection / IK09 protection |
| Reverse polarity protection        |
| Low battery voltage cut-off        |
| Security pole door                 |

