

**25W VERTX Solar LED Pathway  
Model SSLASOLVTXPT25UNI-LI**



- Integrated Battery Design
- Highpower & Robust
- Lithium-Ion Technology
- Alu Zinc / Stainless Steel
- Different Colour Options
- Made in South Africa

**The 25W VERTX Solar LED Pathway light is a slimline, compact and aesthetically pleasing which incorporates all components together classed as in integrated design.**

**This model is supplied with a 25W SMD LED street with a lumen output of 150lm/w.**

**Lighting parameters are based on 13 hours per night for your longest winter night to operate 365 days per year with intelligent Smart 365 Solar controller technology.**

**Full power with intelligent mode or 5Hrs @ 100% power & 8Hrs @ 70%**

**Light distribution options are Type I, II, III & V.**

**The battery is designed for over 24 hours at full charge with 4 days back up.**

**Battery requires 4 - 5 hours to replenish.**

**Each model is supplied with lasercut lettering into the cradle which can be used to highlight, name of place, street / road or place of interest or company name for branding purposes.**

**Our standard LED brand options are, Philips SMD LED modules.**

**Standard warranties on components**

**LEDS 5 years**

**Electronics 3 years**

**Solar panels 25 years**

**Poles 10 years workmanship**

**Battery boxes / cradles 3 years**

**All components have an option to extend its warranties.**

**Local content 60 - 70%**

# SPECIFICATIONS

|                              |   |                                     |
|------------------------------|---|-------------------------------------|
| LIGHT                        | POWER   | 25W                                 |
|                              | LED   | Philips Lumileds                    |
|                              | IP RATING   | IP68                                |
|                              | FLUX @ CCT 5000k  | 3750 Lumen                          |
|                              | WARRANTY  | 5 years                             |
|                              | CRI   | 70 / 80                             |
|                              | OPTICAL CONTROL   | PMMA Lenses                         |
|                              | AVERAGE LIFE SPAN   | 8 years                             |
|                              | OPERATING TEMPERATURE   | -30 Deg~ + 45 Deg                   |
|                              | MOUNTING HEIGHT   | 5m above ground                     |
|                              | BEAM ANGLE  | Type I & II short, TM3              |
|                              | POLE TO POLE DISTANCE   | 25meters                            |
| BATTERY                      | LITHIUM FERRO PHOSPHATE   | LIFEPO4                             |
|                              | VOLTAGE   | 12.8V                               |
|                              | CAPACITY  | 512Wh                               |
|                              | CYCLES  | 2000 - 4000                         |
| SOLAR PANEL                  | RATED POWER   | 130W Mono                           |
|                              | VOLTAGE AT MAX POWER  | 18V                                 |
|                              | CURRENT AT MAX POWER  | 6.12Amp                             |
| CONTROLLER                   | CHARGE TYPE   | MPPT Smart 365                      |
|                              | DIMMING   | Intelligent IC - 100 / 70 / 50 / 30 |
|                              | DAY NIGHT SENSORS   | Integrated into controller          |
|                              | LIGHTING PARAMETERS   | 4 stage Programmable                |
|                              | ELECTRICAL PROTECTION   | IP 68, Temperature compensation     |
|                              |   | Overheating, overcharging and       |
| Over discharging protections |   |                                     |
| BRACKETING AND BATTERY BOXES | Alu Zinc and powder coated,<br>Manufactured in an SABS approved facility with ISO 9001<br>3CR12 Stainless steel optional for coastal environments |                                     |
| POLE                         | Aluminum pole, 5m pole with plinth & bolt cage - 120 x 60mm   |                                     |
| Powder Coating               | Optional  |                                     |

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## LED Modules



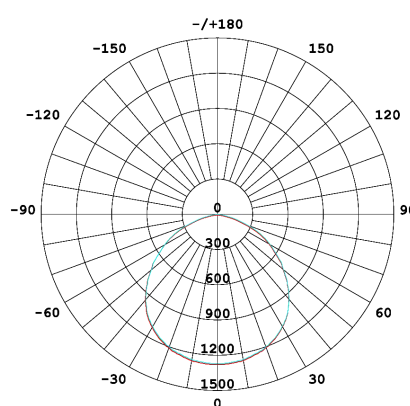
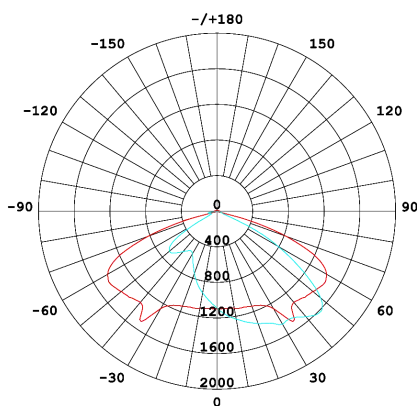
T2S141

## Battery Technology- 3.2V LIFEP04 Cells



LBN531

## Light distribution

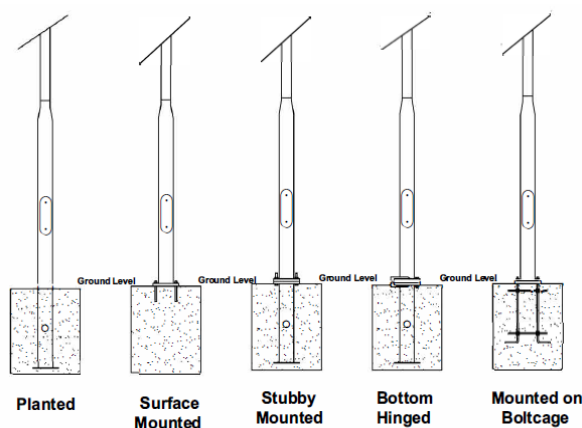


## Solar controller MPPT Intelligent Smart 365



- Charge indicator
- Battery indicator
- Load indicator
- Receive port
- Send port
- Temperature sensor
- ← Connection leads

## Pole mounting options



## Components certifications

LM-79 LM-80 TM21 **IP66 IP68**  