

# NST-LED Streetlight

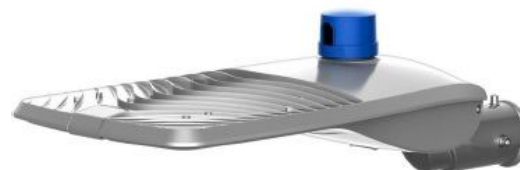


The **NST-LED** Consist of a die-cast aluminium alloy with Anti-Static and Anti-UV body polyester epoxy powder coating for outdoor application. Side and bottom spigot entry with 4 x stainless steel grub screws. The LED engine and LED driver can be easily removed or replaced for maintenance or upgrade installations. The power supply would automatically be off when opening the luminaire. The luminaire has superior operating temperature stability from -30°C to +50°C. A streamline arc-shape cooling fins accelerates airflow enhancing the heat dissipation performance of the luminaire. Additional Intelligent Photocell Control for Daylight Sensor, Timing Control, Solar Control and 1-10V Dimming Control (Locking type photocell device 3-pin NEMA socket) available on request.

## 5-year warranty

## Applications

- Parking lighting
- Toll plazas lighting
- Freeway Lighting
- Main arterial roads
- Roundabouts
- Security Lighting



Intelligent Photocell Control (optional)

**Ingress Protection: IP66**



## AGENTS

Western Cape  
Matelec  
[rushana@matelec.co.za](mailto:rushana@matelec.co.za)

KZN  
Afrilite  
[afriLite@nwed.co.za](mailto:afriLite@nwed.co.za)

Eastern Cape  
Farad Agencies  
[farad@iafrica.com](mailto:farad@iafrica.com)

Vaal Triangle  
Lighting 2000  
[drew@lighting2000.co.za](mailto:drew@lighting2000.co.za)

Lighting 2020  
[nunnsca@gmail.com](mailto:nunnsca@gmail.com)

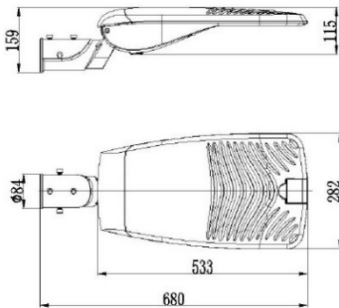
PML (Moz.)  
[baptista.homo@pierlite.co.mz](mailto:baptista.homo@pierlite.co.mz)

Purcee Industrial Controls  
[patrick@purcee.net](mailto:patrick@purcee.net)

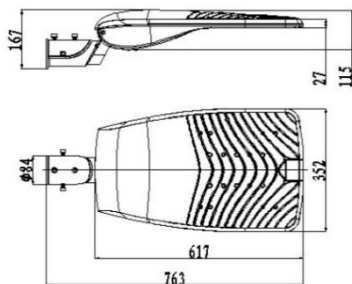
## Technical Specifications

| Model Name                   | NST09-LED STREETLIGHT                     |        |        |         | NST07-LED STREETLIGHT |         |         |
|------------------------------|---|--------|--------|---------|-----------------------|---------|---------|
| Power Consumption            | 30W                                       | 50W    | 70W    | 90W     | 120W                  | 150W    | 180w    |
| Corrected Colour Temperature | 5000K                                     |        |        |         |                       |         |         |
| Luminous Flux                | 3600lm                                    | 6000lm | 8400lm | 10800lm | 14400lm               | 18000lm | 21800lm |
| Colour Rendering Index       | Ra70 / Ra80                               |        |        |         |                       |         |         |
| Mains Voltage                | 100 – 277VAC                              |        |        |         |                       |         |         |
| Mains Frequency              | 50-60Hz                                   |        |        |         |                       |         |         |
| Driver Intelligent           | Constant current                          |        |        |         |                       |         |         |
| Luminous Efficiency (system) | 120lm/W                                   |        |        |         |                       |         |         |
| Power Factor                 | >0.93                                     |        |        |         |                       |         |         |
| Mounting options             | Side entry and Bottom entry pole mounting |        |        |         |                       |         |         |
| Ambient Temperature          | -30°C to +50°C                            |        |        |         |                       |         |         |
| Weight                       | 6.5kg                                     |        | 6.8kg  |         | 9.2kg                 |         |         |
| Rated Lifetime               | 50000Hrs. (L70 @30°C)                     |        |        |         |                       |         |         |
| Beam Angle                   | R17601 and R17602                         |        |        |         |                       |         |         |
| Ingress Protection           | IP66                                      |        |        |         |                       |         |         |
| Dimensions (mm)              | 680x282x159                               |        |        |         | 763x352x167           |         |         |

## Dimensions



**NST09-LED 30W;50W;70W;90W**



**NST07-LED 120W;150W;180W**

## Spigot sizes



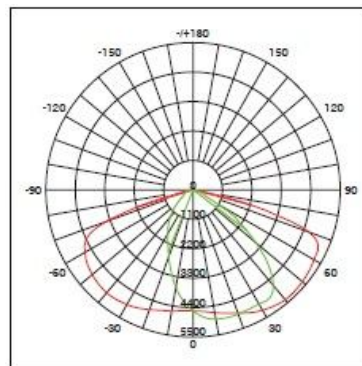
34mm

42mm

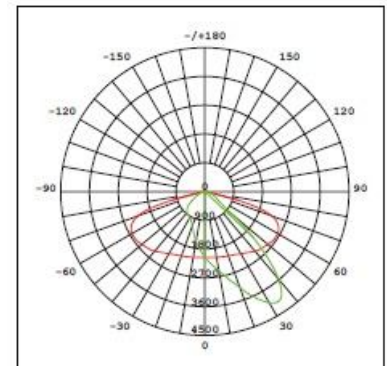
60mm

76mm

## Photometric Diagrams



**Optic R17601**



**Optic R17602**

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*Nordland (Pty) Ltd. reserves the right to change any specification or design without prior notice*