



## Description

AGC's HiSoldier LED streetlight is low-profile, durable and state-of-the-art fixture. Designed for roadway and parking lot are replace traditional street and area light with quick payback and superior performance.

## Key Features

- Super Smooth Surface
- Tool-free Open and Maintenance
- Easy Replacement for LED Driver
- Power-off Protection
- Surge Protection
- Wide choice of optics and installation spigots

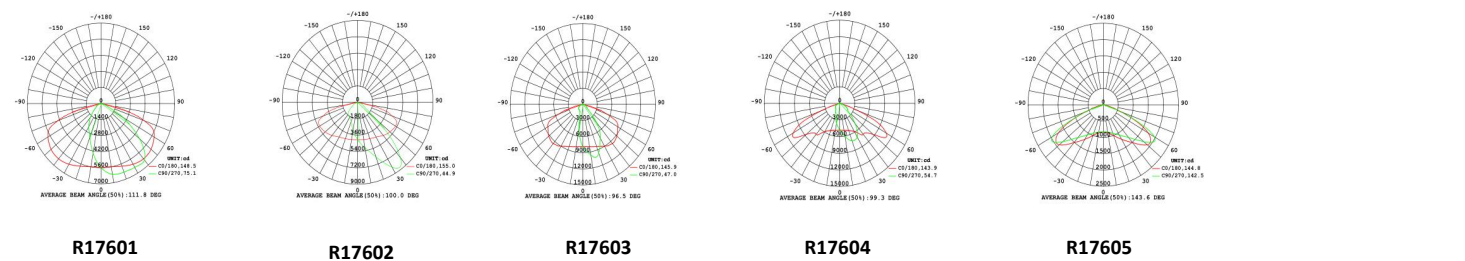
## Applications

- Traffic routes
- Residential areas
- Plazas, parking lot areas

## Specifications

|                           |         |                                                   |                              |          |                               |                               |          |          |
|---------------------------|---------|---------------------------------------------------|------------------------------|----------|-------------------------------|-------------------------------|----------|----------|
| Model No.                 |         | ST07-030                                          | ST07-050                     | ST07-070 | ST07-090                      | ST07-120                      | ST07-150 | ST07-180 |
| Power Consumption         |         | 30±3W                                             | 50±3W                        | 70±3W    | 90±4W                         | 120±6W                        | 150±7W   | 180±9W   |
| LED Type                  |         | Nichia LED                                        |                              |          |                               |                               |          |          |
| Luminous Flux (±5%)       |         | 3900lm                                            | 6500lm                       | 9100lm   | 11700lm                       | 15600lm                       | 18750lm  | 21600lm  |
| Efficacy(±5% @4000K Ra70) |         | 130lm/W                                           |                              |          |                               |                               | 125lm/W  | 120lm/W  |
| Color Temperature         |         | 4000K (3000K, 5000K optional)                     |                              |          |                               |                               |          |          |
| Color Rendering Index     |         | Ra70 (Ra80 optional)                              |                              |          |                               |                               |          |          |
| Beam Angle                |         | R17601, R17602, R17603, R17604, R17605            |                              |          |                               |                               |          |          |
| Power Supply              |         | Inventronics                                      |                              |          | MEANWELL                      |                               |          |          |
| Input Voltage             |         | 100-240 VAC / 100-277 VAC                         |                              |          | 200-240 VAC                   |                               |          |          |
| Power Factor              |         | >0.90                                             |                              |          | ≥0.92                         |                               |          |          |
| Frequency                 |         | 50 / 60 Hz                                        |                              |          |                               |                               |          |          |
| Surge Protection          |         | 6kV line-line, 10kV line-earth                    |                              |          |                               |                               |          |          |
| Driver Type               |         | Constant Current (CC)                             |                              |          |                               |                               |          |          |
| Product Dimension         |         | 763x352x167mm(30"×13.86"x6.58")                   |                              |          |                               |                               |          |          |
| Luminaire Net Weight      |         | 8.5±0.3kg<br>(18.74±0.66Lbs)                      | 8.8±0.3kg<br>(19.4±0.66Lbs)  |          | 9.0±0.3kg<br>(19.84±0.66Lbs)  | 9.2±0.3kg<br>(20.28±0.66Lbs)  |          |          |
| Export Carton Size        |         | 790x390x150mm(31.1"x15.35"x5.91")                 |                              |          |                               |                               |          |          |
| Gross Weight              |         | 10.2±0.3kg<br>(22.44±0.66Lbs)                     | 10.5±0.3kg<br>(23.1±0.66Lbs) |          | 10.7±0.3kg<br>(23.54±0.66Lbs) | 10.9±0.3kg<br>(23.98±0.66Lbs) |          |          |
| Material                  | Housing | Aluminum Alloy                                    |                              |          |                               |                               |          |          |
|                           | Optics  | Polycarbonate Optical Lens+Tempered Glass         |                              |          |                               |                               |          |          |
| Finish                    |         | Powder Coating                                    |                              |          |                               |                               |          |          |
| Fixture Color             |         | Grey                                              |                              |          |                               |                               |          |          |
| IP Rating                 |         | IP66                                              |                              |          |                               |                               |          |          |
| Mounting Option           |         | Pole Mounting (Adjustable Angle)<br>Wall Mounting |                              |          |                               |                               |          |          |
| Operating Temperature     |         | -30°C to + 50°C(-22°F to 122°F)                   |                              |          |                               |                               |          |          |
| Life Time                 |         | >50,000Hrs (Ta=30°C@L70)                          |                              |          |                               |                               |          |          |
| Warranty                  |         | 5 Years                                           |                              |          |                               |                               |          |          |
| Dimmable                  |         | Dimmable and Non-dimmable                         |                              |          |                               |                               |          |          |
| Intelligent Control       |         | Photocell Control/DALI Control /Timing Control    |                              |          |                               |                               |          |          |
| Accessory                 |         | Spigot- φ34mm/42mm/60mm/76mm                      |                              |          |                               |                               |          |          |
|                           |         | Wall mount bracket                                |                              |          |                               |                               |          |          |
|                           |         | NEMA Socket - 3pin/5pin/7pin                      |                              |          |                               |                               |          |          |
|                           |         | Photocell controller                              |                              |          |                               |                               |          |          |
|                           |         | Short Cap                                         |                              |          |                               |                               |          |          |
|                           |         |                                                   |                              |          |                               |                               |          |          |
|                           |         |                                                   |                              |          |                               |                               |          |          |

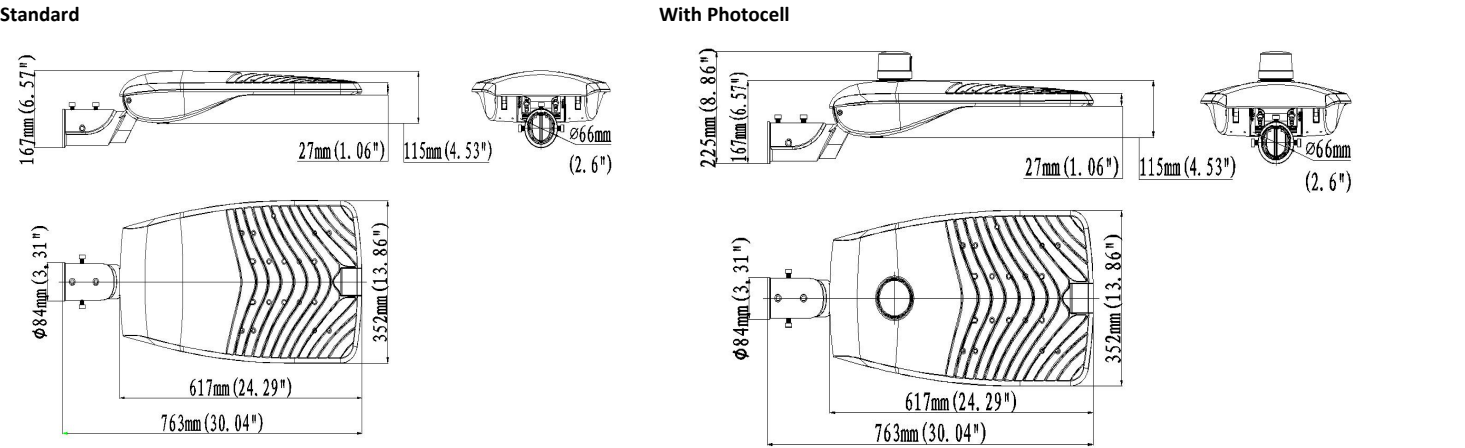
Photometry



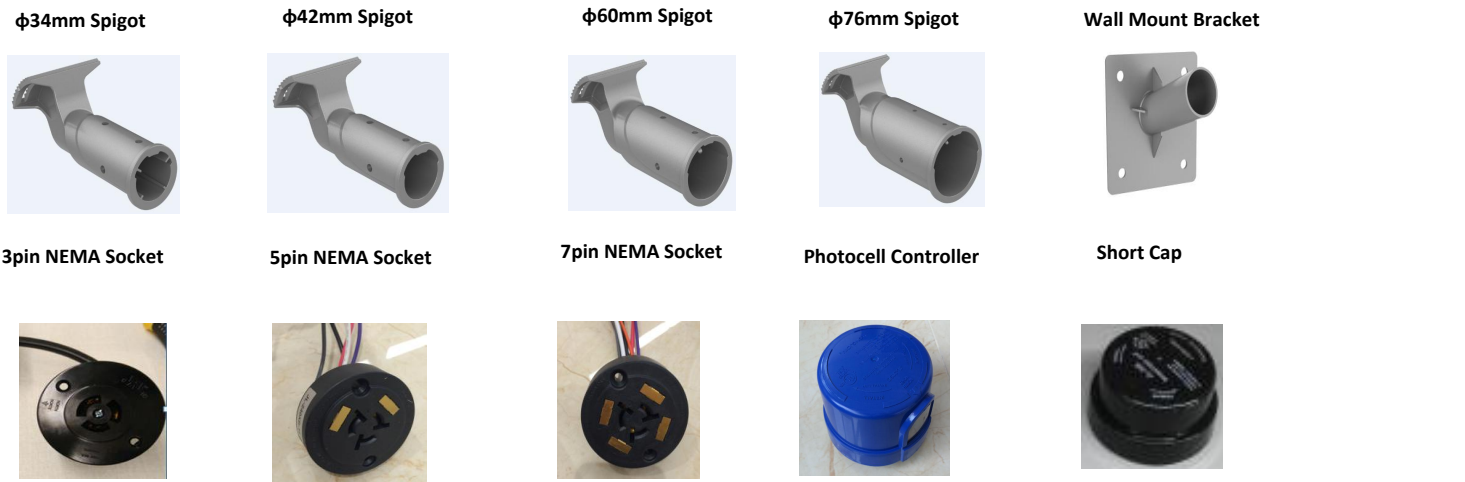
Mounting Options



Dimensions



Accessories



3pin NEMA Socket

5pin NEMA Socket

7pin NEMA Socket

Photocell Controller

Short Cap