

# AGL ALL GREEN LIGHTING, INC.

## ASTRO Series

### Product Description:

The ASTRO Series is AGL's latest LED Sportslight/High Mast flood light. Utilizing a unique pin heat sink design, air is freely flowable through the pins in any direction, maximizing heat dissipation. The ASTRO Series is IP66 rated and has a strong mounting bracket that is adjustable upto 270°. It is also available in a wide range of beam angles, allowing our customer to choose the best optical solution to their LED lighting needs.

### Features:

- **Application:** LED High Mast
- **Mounting:** U-Bracket, Ring/Hook, Slipfitter\*
- **Warranty:** 7 Years for 100-277V, 5 Years for 347-480V
- **LED Source:** Seoul 3030
- **Power Factor:** >0.9
- **Working Temperature:** -31°F ~ 122°F
- **Housing Material:** Die-cast Aluminum (A1070 pure Aluminum)
- **Surge Protection:** 20kV Standard / 40kV Optional



**Integral Driver Box:**  
ASTRO features an integral driver box for all wattages

### Technical Data:

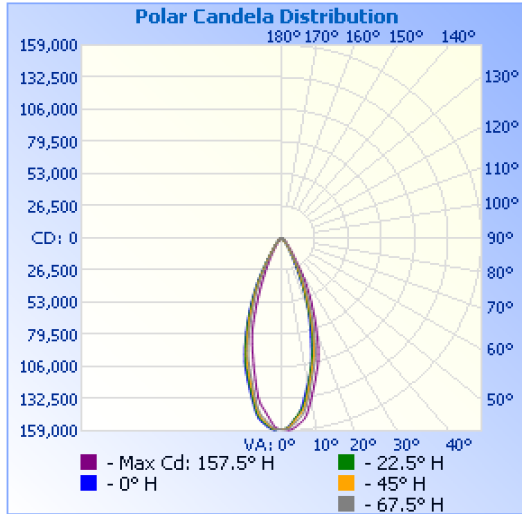
|                       |                           |
|-----------------------|---------------------------|
| <b>Certifications</b> | <b>UL</b>                 |
| <b>CRI</b>            | <b>&gt;70</b>             |
| <b>IP Rating</b>      | <b>IP67</b>               |
| <b>CCT</b>            | <b>3000K - 5000K</b>      |
| <b>Input Voltage</b>  | <b>100-277V, 347-480V</b> |
| <b>IK Rating</b>      | <b>IK10</b>               |

### Specifications:

| Fixture Model | Total Lumens (60°) | Efficacy (lm/w) | Dimensions (Dia x L / inches) | Weight (lbs) | EPA   | Beam Angle*                         |
|---------------|--------------------|-----------------|-------------------------------|--------------|-------|-------------------------------------|
| ASTRO-300W    | 40,271.4 lm        | 134 lm/W        | Φ 14.84" x 13.59"             | 32           | 1.21  | 16° x 16°<br>40° x 40°<br>60° x 60° |
| ASTRO-400W    | 49,521.0 lm        | 124 lm/W        |                               | 32.6         |       |                                     |
| ASTRO-500W    | 60,281.8 lm        | 121 lm/W        |                               | 38.2         |       |                                     |
| ASTRO-600W    | 81,828.7 lm        | 136 lm/W        | Φ 18.78" x 13.66"             | 45.2         | 1.344 | 90° x 90° *<br>(300-500W only)      |
| ASTRO-750W    | 87,169.3 lm        | 116 lm/W        |                               | 45.4         |       |                                     |
| ASTRO-950W    | 118,022.4 lm       | 124 lm/W        | Φ 20.79" x 13.70"             | 59.5         | 1.52  |                                     |
| ASTRO-1200W   | 141,034.1 lm       | 118 lm/W        |                               | 61.7         |       |                                     |

**Photometrics:**

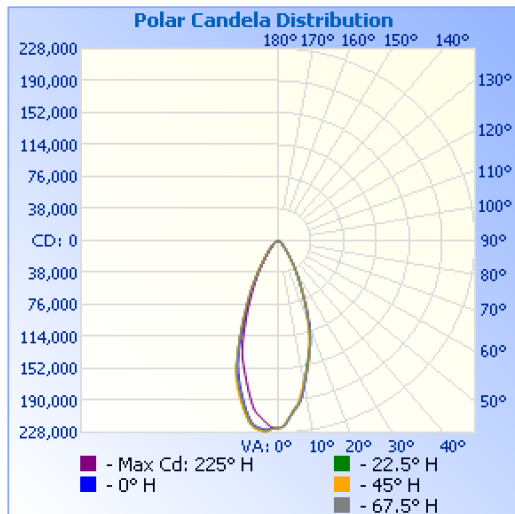
**ASTRO-600W  
5000K / 40°**



|         | Center Beam fc | Beam Width |         |
|---------|----------------|------------|---------|
| 16.7ft  | 565 fc         | 11.3 ft    | 11.3 ft |
| 33.3ft  | 142 fc         | 22.5 ft    | 22.6 ft |
| 50.0ft  | 63.0 fc        | 33.8 ft    | 33.9 ft |
| 66.7ft  | 35.4 fc        | 45.2 ft    | 45.2 ft |
| 83.3ft  | 22.7 fc        | 56.4 ft    | 56.5 ft |
| 100.0ft | 15.7 fc        | 67.7 ft    | 67.8 ft |

■ Vert. Spread: 37.4°  
■ Horiz. Spread: 37.5°

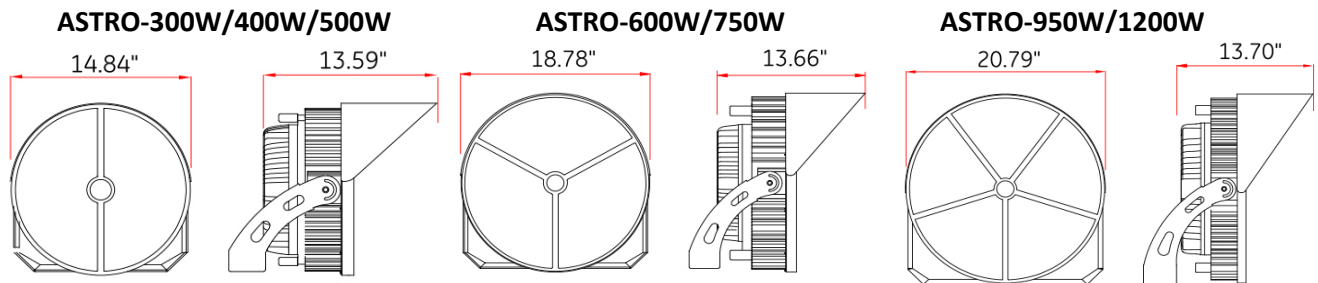
**ASTRO-1200W  
5000K / 40°**



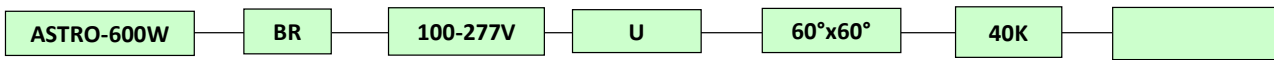
|         | Center Beam fc | Beam Width |         |
|---------|----------------|------------|---------|
| 16.7ft  | 796 fc         | 12.3 ft    | 12.3 ft |
| 33.3ft  | 200 fc         | 24.6 ft    | 24.5 ft |
| 50.0ft  | 88.8 fc        | 37.0 ft    | 36.9 ft |
| 66.7ft  | 49.9 fc        | 49.3 ft    | 49.2 ft |
| 83.3ft  | 32.0 fc        | 61.6 ft    | 61.4 ft |
| 100.0ft | 22.2 fc        | 73.9 ft    | 73.7 ft |

■ Vert. Spread: 40.6°  
■ Horiz. Spread: 40.5°

**Dimensions:**



**Ordering Guide:**



**Wattage:**  
 300W  
 400W  
 500W  
 600W  
 750W  
 950W  
 1200W

**Color:**  
 BR: Bronze  
 BL: Black\*

**Voltage:**  
 100-277V  
 347-480V

**Mounting:**  
 U: U-Bracket

**Beam Angle:**  
 16°x16°  
 40°x40°  
 60°x60°  
 90°x90°  
 (300W-500W Only)

**CCT:**  
 30K  
 40K  
 50K

**Accessories:**  
 DM: 0-10V Dimming  
 PC: Photocell  
 Visor: Visor/Shield  
 40kV: 40kV Surge Protection

\* For Black, MOQ 50 units