# INTEGRAL ARTISTAR™

ArtiStar™
**BKSSL** SOLID STATE LIGHTING
*Integral Transformer*

the power of e with adjust-e-lume® TECHNOLOGY

## CATALOG NUMBER LOGIC

| | AR | LED | TR | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Example**    B - AR - LED - TR - e22 - NSP - A9 - MIT - 12 - 11 - A - 12 - PP

### Material
**Blank** - Aluminum    **B** - Brass    **S** - Stainless Steel

### Series
**AR** - ArtiStar™

### Source
**LED** - 'e' Technology with Integral Driver

### Housing
**TR** - Integral Transformer

### LED Type
**e36** - 8WLED/2.7K    **e23** - 8WLED/4K
**e22** - 8WLED/3K    **e27** - 8WLED/Amber

### Optics*
**NSP** - Narrow Spot (Red Indicator)    **MFL** - Medium Flood (Yellow Indicator)
**SP** - Spot (Green Indicator)    **WFL** - Wide Flood (Blue Indicator)

### Adjust-e-Lume® Output Intensity** *(Choose factory setting)*
**A9** (Standard)**, A8, A7, A6, A5, A4, A3, A2, A1**

*\*\*Please see Adjust-e-Lume® photometry to determine desired intensity.*

### Finish

**Aluminum Finish**

| Powder Coat Color | Satin | Wrinkle |
|---|---|---|
| Bronze | BZP | BZW |
| Black | BLP | BLW |
| White (Gloss) | WHP | WHW |
| Aluminum | SAP | — |
| Verde | — | VER |

**Brass Finish**

| | |
|---|---|
| Machined | **MAC** |
| Polished | **POL** |
| Mitique™ | **MIT** |

**Stainless Finish**

| | |
|---|---|
| Machined | **MAC** |
| Polished | **POL** |
| Brushed | **BRU** *Interior use only.* |

**Premium Finish**

| | | | | | | |
|---|---|---|---|---|---|---|
| ABP | Antique Brass Powder | CMG | Cascade Mountain Granite | RMG | Rocky Mountain Granite |
| AMG | Aleutian Mountain Granite | CRI | Cracked Ice | SDS | Sonoran Desert Sandstone |
| AQW | Antique White | CRM | Cream | SMG | Sierra Mountain Granite |
| BCM | Black Chrome | HUG | Hunter Green | TXF | Textured Forest |
| BGE | Beige | MDS | Mojave Desert Sandstone | WCP | Weathered Copper |
| BPP | Brown Patina Powder | NBP | Natural Brass Powder | WIR | Weathered Iron |
| CAP | Clear Anodized Powder | OCP | Old Copper | | |

*Also available in RAL Finishes See submittal SUB-1439-00*

### Lens Type
**12** - Soft Focus Lens      **13** - Rectilinear Lens

### Shielding
**11** - Honeycomb Baffle

### Cap Style
**A** - 45°    **B** - 90°    **C** - Flush    **D** - 45° less Weep Hole *( Interior Use Only)*    **E** - 90° less Weep Hole *( Interior Use Only)*    **F** - 90° with Flush Lens

### Base Height
**6** - 6" with Anchor Base    **12** - 12" with Anchor Base    **18** - 18" with Anchor Base    **24** - 24" with Anchor Base

### Option
**PP** - Power Pipe™ option with 18" Stake    **WM** - Wall or ceiling Mount with 5" dia. canopy**
**SF** - Stability Flange *(for use with Power Pipe™)*    *\*\* Base height limited to 6" max. with brass and stainless steel fixtures*

---

## DRIVER DATA

| Input Volts | InRush Current | Operation Ambient Temperature |
|---|---|---|
| 12VAC/DC 50/60Hz | <1A (non-dimmed) | -10°F-130°F |

## LM79 DATA

| BK No. | CCT (Typ.) | Input Watts (Typ.) | CRI (Typ.) |
|---|---|---|---|
| e36 | 2700K | 8.4 | 90 |
| e22 | 3100K | 8.4 | 90 |
| e23 | 4100K | 8.4 | 75 |
| e27 | Amber (590nm) | 7.9 | ~ |

## L70 DATA

| Minimum Rated Life (hrs.) 70% of initial lumens (L70) |
|---|
| 50,000 |
| 50,000 |
| 50,000 |
| 50,000 |

## *OPTICAL DATA

| Beam Type | Angle | Visual Indicator |
|---|---|---|
| Narrow Spot | 14° | Red Dot |
| Spot | 18° | Green Dot |
| Medium Flood | 25° | Yellow Dot |
| Wide Flood | 36° | Blue Dot |

---

# B-K LIGHTING

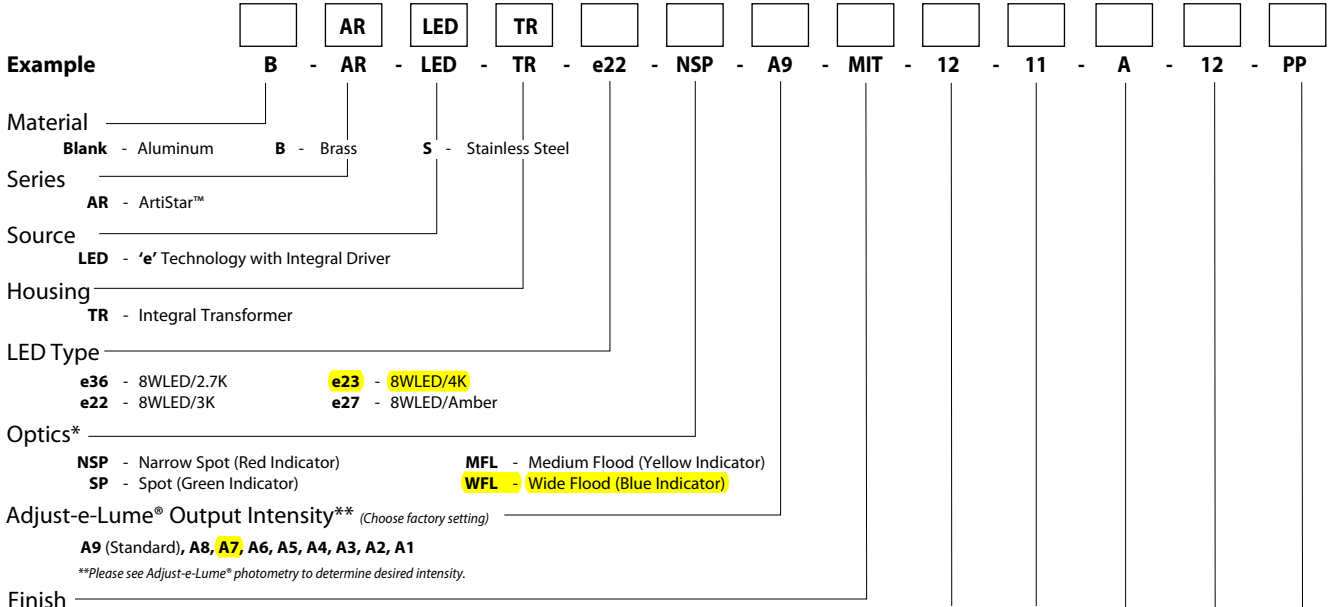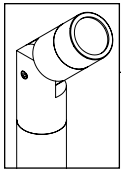| SUBMITTAL DATE | DRAWING NUMBER |
|---|---|
| 6-6-14 | SUB001108 |

ArtiStar™
BKSSL
SOLID STATE LIGHTING
Integral Transformer

the power of
with adjust-e-lume®
TECHNOLOGY

# INTEGRAL ARTISTAR™

| PROJECT: | |
| --- | --- |
| TYPE: | |

## ANCHOR BASE STANDARD MOUNT
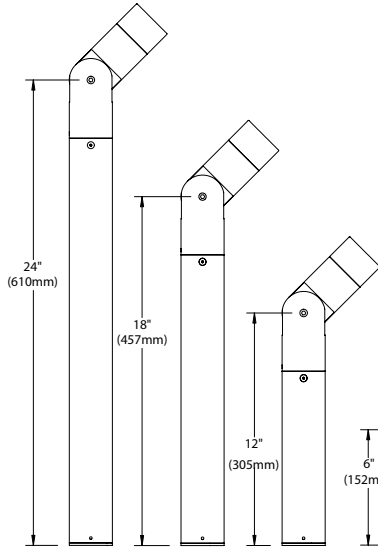
**"A/D" CAP**
4 1/2" (114mm)
3 1/8" (79mm)

**"B/E" CAP**
2 3/8" (60mm)
1" (25mm)

**"C" CAP**
1 1/2" (38mm)

**STANDARD BASE**
1/4" Dia (6mm) at 120°
7/8 Dia. (22mm)
2 1/4" Dia. (57mm)
5/8" (16mm)

24" (610mm)
18" (457mm)
12" (305mm)
6" (152mm)
2 1/4" Dia. (57mm)
4 1/2" (114mm)
Patent Pending Adjust-e-Lume®

**WALL MOUNT CANOPY**
3 1/2" O.C. (89mm)
3/8" (10mm)
5" Dia. (127mm)
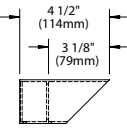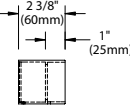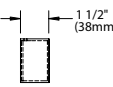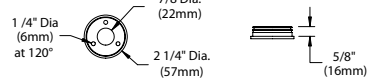
**POWER PIPE**
1" (25mm)
18" (457mm)
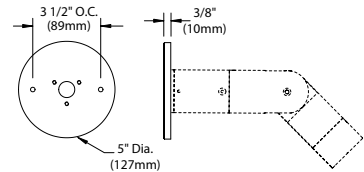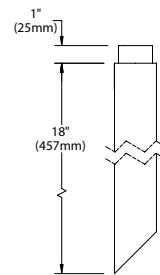
**UNIVERSAL RING**
4" Dia. (102mm)
1/16" (1.6mm)
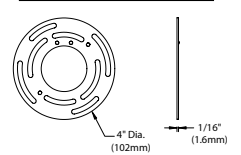
All dimensions indicated on this submittal are nominal.
Contact Technical Sales if you require more stringent specifications.

# SPECIFICATIONS

## GreenSource Initiative™
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

## Materials
Furnished in Copper-Free Aluminum (Type 6061-T6), Brass (Type 360) or Stainless Steel (Type 304).

## Body
Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and integral heat sink for maximum component life. Integral knuckle for maximum mechanical strength. High temperature, silicone 'O' Ring provides water-tight seal.

## Knuckle
'Aim and Lock' knuckle is comprised of two components. The first is integral to the body and features an interior, machined taper. The second is machined from solid billet and features a second, reverse angle taper. The resultant mechanical taper-lock allows a full 180° vertical adjustment without the use of serrated teeth, which inherently limit aiming. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lb. static load prior to movement to ensure decades of optical alignment. Biaxial source control with 360° horizontal rotation in addition to vertical adjustment.

## Cap
Fully machined. Accommodates [1] lens or louver media. Choose from 45° cutoff ('A' or 'D'), 1" deep bezel with 90° cutoff ('B' or 'E'), flush lens ('C') cap styles, or 1" deep cutoff with flush mounted lens ('F'). Accommodates up to (2) lens or louver media. 'A' and 'B' caps include weep-hole for water and debris drainage. 'D' and 'E' caps exclude weep-hole and are for interior use only.

## Lens
Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. Specify soft focus (#12) or rectilinear (#13) lens.

## BKSSL®
Integrated solid state system with 'e' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance. High power, forward throw source complies with ANSI C78.377 binning requirements. Exceeds ENERGY STAR® lumen maintenance requirements. LM-80 certified components.

Integral, constant current driver. 12VAC/VDC input. 50/60Hz. Proprietary input control scheme achieves power factor correction and eliminates inrush current. Output, over-voltage, open-circuit, and short circuit protected. Inrush current limited to <1A. Conforms to Safety Std. C22.2 No. 250.13-12.

## Optics
Interchangeable OPTIKIT™ modules permit field changes to optical distribution. Color-coded for easy reference: Narrow Spot (NSP) = Red. Spot (SP) = Green. Medium Flood (MFL) = Yellow. Wide Flood (WFL) = Blue.

## Adjust-e-Lume® (Pat. Pending)
Integral electronics allows dynamic lumen response at the individual fixture. Indexed (100% to 25% nom.) lumen output. Maintains output at desired level or may be changed as conditions require. Specify factory preset output intensity.

## Installation
Available for installation in three distinct mounting conditions:

## Anchor Base (Standard)
Machined anchor base with 7/8"dia. slip conduit hole and [3] 3/16" dia. anchor bolt holes (hardware by others).

## Power Pipe™ (Optional)
Provides a clean transition from wiring system to fixture. Schedule 80, 18" PVC housing for direct burial into soil or concrete. Machined 2-1/4" dia. cap for fixture mounting. Stainless steel hardware. Optional 6" diameter, molded stability flange, which simplifies installation and projects into substrate to reinforce housing stability.

## Wall Mount Canopy (Optional)
Optional 5" dia. machined canopy permits mounting to junction box (gasket by others). 6" maximum base height for canopy-mounted brass or stainless steel fixture.

## Transformer
Integral, BKSSL electronic transformer. 105-300VAC primary voltage. 50/60Hz. Non Dimming. 20VA maximum load.

## Wiring
Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.

## Hardware
Tamper-resistant, stainless steel hardware. Knuckle vertical aiming screw is additionally black oxide treated for additional corrosion resistance.

## Finish
StarGuard®, our exclusive RoHs compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. Brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (Brushed finish for interior use only).

## Warranty
5 year limited warranty.

## Certification and Listing
ITL tested to IESNA LM-79. Lighting Facts Registration per USDOE (www.lightingfacts.com). ETL Listed to ANSI/UL Standard 1598 and UL Standard 8750. Certified to CAN/CSA Standard C22.2 No. 250. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. Suitable for installation within 4' of the ground. IP66 Rated. Made in USA.

ETL Intertek • MADE IN THE USA • lighting facts • RoHS

*Teflon is a registered trademark of DuPont Corporation.
*Energy Star is a registered trademark of the United States Environmental Protection Agency.

# B-K LIGHTING

| SUBMITTAL DATE | DRAWING NUMBER |
| --- | --- |
| 6-6-14 | SUB001108 |

Select OptiKit™ for desired distribution

| | | |
|---|---|---|
| RED | ● | Narrow Spot (NSP) |
| GREEN | ● | Spot (SP) |
| YELLOW | ● | Medium Flood (MFL) |
| BLUE | ● | Wide Flood (WFL) |

Set adjust-e-lume™ Dial to desired output

## Narrow Spot

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 20' | 2.4 | 3.1 | 5.0 | 6.3 | 7.6 | 8.9 | 9.2 | 9.3 | 9.3 |
| 16' | 3.8 | 4.9 | 7.9 | 9.9 | 11.9 | 13.9 | 14.3 | 14.6 | 14.6 |
| 12' | 6.7 | 8.6 | 14.0 | 17.6 | 21.2 | 24.7 | 25.5 | 25.9 | 25.9 |
| 8' | 15.1 | 19.4 | 31.4 | 39.7 | 47.6 | 55.5 | 57.3 | 58.3 | 58.3 |
| 4' | 60.4 | 77.7 | 125.8 | 158.6 | 190.4 | 222.1 | 229.2 | 233.0 | 233.2 |

4'  2'  0'  2'  4'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

## Spot

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 20' | 1.6 | 2.1 | 3.3 | 4.3 | 5.3 | 5.9 | 6.1 | 6.3 | 6.3 |
| 16' | 2.6 | 3.3 | 5.2 | 6.7 | 8.2 | 9.3 | 9.6 | 9.8 | 9.9 |
| 12' | 4.5 | 5.8 | 9.3 | 12.0 | 14.7 | 16.5 | 17.0 | 17.5 | 17.5 |
| 8' | 10.2 | 13.0 | 20.9 | 26.9 | 33.0 | 37.0 | 38.3 | 39.4 | 39.4 |
| 4' | 40.9 | 52.1 | 83.4 | 107.8 | 131.9 | 148.1 | 153.1 | 157.5 | 157.8 |

8'  6'  4'  2'  0'  2'  4'  6'  8'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

## Medium Flood

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 20' | 0.9 | 1.3 | 2.0 | 2.5 | 3.1 | 3.4 | 3.6 | 3.6 | 3.6 |
| 16' | 1.5 | 2.0 | 3.1 | 3.9 | 4.8 | 5.4 | 5.6 | 5.6 | 5.7 |
| 12' | 2.6 | 3.6 | 5.5 | 6.9 | 8.6 | 9.5 | 9.9 | 9.9 | 10.1 |
| 8' | 5.9 | 8.0 | 12.3 | 15.5 | 19.3 | 21.5 | 22.2 | 22.4 | 22.6 |
| 4' | 23.6 | 32.1 | 49.3 | 62.2 | 77.1 | 85.8 | 88.9 | 89.5 | 90.5 |

10'  8'  6'  4'  2'  0'  2'  4'  6'  8'  10'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

## Wide Flood

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 20' | 0.4 | 0.6 | 0.9 | 1.1 | 1.4 | 1.6 | 1.6 | 1.7 | 1.7 |
| 16' | 0.7 | 0.9 | 1.4 | 1.8 | 2.1 | 2.5 | 2.6 | 2.6 | 2.6 |
| 12' | 1.2 | 1.6 | 2.5 | 3.2 | 3.8 | 4.4 | 4.6 | 4.7 | 4.7 |
| 8' | 2.7 | 3.7 | 5.6 | 7.2 | 8.6 | 10.0 | 10.3 | 10.5 | 10.6 |
| 4' | 10.9 | 14.8 | 22.3 | 28.6 | 34.3 | 39.9 | 41.1 | 42.2 | 42.3 |

14'  12'  10'  8'  6'  4'  2'  0'  2'  4'  6'  8'  10'  12'  14'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

Select OptiKit™ for desired distribution

| | | |
|---|---|---|
| **RED** 🔴 | Narrow Spot (NSP) |
| **GREEN** 🟢 | Spot (SP) |
| **YELLOW** 🟡 | Medium Flood (MFL) |
| **BLUE** 🔵 | Wide Flood (WFL) |

Set adjust-e-lume™ Dial to desired output

## Narrow Spot

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 20' | 2.4 | 2.9 | 4.9 | 6.1 | 7.3 | 8.8 | 9.1 | 9.3 | 9.3 |
| 16' | 3.8 | 4.6 | 7.6 | 9.6 | 11.4 | 13.8 | 14.3 | 14.5 | 14.6 |
| 12' | 6.7 | 8.2 | 13.5 | 17.0 | 20.3 | 24.5 | 25.4 | 25.7 | 25.9 |
| 8' | 15.1 | 18.4 | 30.3 | 38.2 | 45.8 | 55.2 | 57.0 | 57.9 | 58.2 |
| 4' | 60.3 | 73.6 | 121.3 | 152.8 | 183.1 | 220.9 | 228.2 | 231.6 | 232.8 |

4'  2'  0'  2'  4'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

## Spot

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 20' | 1.6 | 2.1 | 3.1 | 4.1 | 4.9 | 6.0 | 6.1 | 6.2 | 6.3 |
| 16' | 2.5 | 3.3 | 4.9 | 6.4 | 7.6 | 9.3 | 9.6 | 9.8 | 9.9 |
| 12' | 4.5 | 5.9 | 8.7 | 11.4 | 13.5 | 16.6 | 17.0 | 17.3 | 17.5 |
| 8' | 10.2 | 13.2 | 19.5 | 25.6 | 30.5 | 37.3 | 38.3 | 39.0 | 39.4 |
| 4' | 40.6 | 52.7 | 78.1 | 102.3 | 121.9 | 149.1 | 153.1 | 156.0 | 157.8 |

8'  6'  4'  2'  0'  2'  4'  6'  8'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

## Medium Flood

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 20' | 1.0 | 1.2 | 1.9 | 2.4 | 2.9 | 3.4 | 3.5 | 3.6 | 3.7 |
| 16' | 1.5 | 1.8 | 2.9 | 3.8 | 4.6 | 5.3 | 5.4 | 5.7 | 5.8 |
| 12' | 2.6 | 3.3 | 5.2 | 6.7 | 8.1 | 9.5 | 9.6 | 10.1 | 10.2 |
| 8' | 6.0 | 7.4 | 11.8 | 15.0 | 18.3 | 21.3 | 21.6 | 22.8 | 23.0 |
| 4' | 23.8 | 29.5 | 47.0 | 60.2 | 73.3 | 85.1 | 86.4 | 91.2 | 92.2 |

10'  8'  6'  4'  2'  0'  2'  4'  6'  8'  10'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

## Wide Flood

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 20' | 0.4 | 0.5 | 0.9 | 1.1 | 1.3 | 1.6 | 1.7 | 1.7 | 1.7 |
| 16' | 0.7 | 0.8 | 1.4 | 1.7 | 2.0 | 2.4 | 2.6 | 2.7 | 2.7 |
| 12' | 1.2 | 1.5 | 2.5 | 3.0 | 3.5 | 4.3 | 4.7 | 4.7 | 4.7 |
| 8' | 2.8 | 3.4 | 5.5 | 6.7 | 7.9 | 9.8 | 10.5 | 10.7 | 10.7 |
| 4' | 11.1 | 13.4 | 22.2 | 26.8 | 31.7 | 39.0 | 41.9 | 42.6 | 42.7 |

14'  12'  10'  8'  6'  4'  2'  0'  2'  4'  6'  8'  10'  12'  14'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

Select OptiKit™ for desired distribution

| | | |
|---|---|---|
| **RED** ● | Narrow Spot (NSP) | |
| **GREEN** ● | Spot (SP) | |
| **YELLOW** ● | Medium Flood (MFL) | |
| **BLUE** ● | Wide Flood (WFL) | |

Set adjust-e-lume™ Dial to desired output

## Narrow Spot

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| 20' | 2.7 | 3.7 | 5.5 | 6.9 | 8.5 | 10.1 | 10.4 | 10.6 | 10.6 |
| 16' | 4.3 | 5.7 | 8.7 | 10.8 | 13.3 | 15.7 | 16.2 | 16.5 | 16.5 |
| 12' | 7.6 | 10.2 | 15.4 | 19.2 | 23.6 | 27.9 | 28.8 | 29.3 | 29.4 |
| 8' | 17.1 | 23.0 | 34.7 | 43.2 | 53.0 | 62.8 | 64.8 | 66.0 | 66.1 |
| 4' | 68.6 | 91.9 | 138.6 | 172.9 | 212.1 | 251.3 | 259.2 | 263.8 | 264.3 |

4'  2'  0'  2'  4'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

## Spot

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| 20' | 1.9 | 2.4 | 3.7 | 4.8 | 6.0 | 6.8 | 7.1 | 7.1 | 7.1 |
| 16' | 2.9 | 3.7 | 5.9 | 7.4 | 9.4 | 10.6 | 11.0 | 11.1 | 11.2 |
| 12' | 5.2 | 6.6 | 10.4 | 13.2 | 16.7 | 18.9 | 19.6 | 19.8 | 19.8 |
| 8' | 11.8 | 14.9 | 23.4 | 29.7 | 37.6 | 42.5 | 44.1 | 44.6 | 44.6 |
| 4' | 47.0 | 59.6 | 93.6 | 118.9 | 150.3 | 170.1 | 176.3 | 178.3 | 178.6 |

8'  6'  4'  2'  0'  2'  4'  6'  8'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

## Medium Flood

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| 20' | 1.1 | 1.4 | 2.2 | 2.8 | 3.3 | 3.8 | 4.0 | 4.1 | 4.1 |
| 16' | 1.7 | 2.1 | 3.4 | 4.3 | 5.1 | 5.9 | 6.3 | 6.4 | 6.4 |
| 12' | 3.0 | 3.8 | 6.1 | 7.7 | 9.1 | 10.5 | 11.2 | 11.3 | 11.4 |
| 8' | 6.7 | 8.5 | 13.8 | 17.3 | 20.5 | 23.7 | 25.2 | 25.4 | 25.6 |
| 4' | 26.9 | 34.2 | 55.0 | 69.3 | 81.9 | 94.7 | 100.6 | 101.6 | 102.4 |

10'  8'  6'  4'  2'  0'  2'  4'  6'  8'  10'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

## Wide Flood

| Distance from lamp | Adjust-e-Lume™ Setting | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| 20' | 0.5 | 0.6 | 1.0 | 1.2 | 1.4 | 1.7 | 1.8 | 1.8 | 1.8 |
| 16' | 0.8 | 1.0 | 1.5 | 1.8 | 2.2 | 2.7 | 2.8 | 2.8 | 2.9 |
| 12' | 1.3 | 1.8 | 2.7 | 3.3 | 3.9 | 4.7 | 4.9 | 5.0 | 5.1 |
| 8' | 3.0 | 4.0 | 6.0 | 7.3 | 8.8 | 10.7 | 11.1 | 11.3 | 11.4 |
| 4' | 12.0 | 15.9 | 23.9 | 29.3 | 35.1 | 42.6 | 44.4 | 45.1 | 45.7 |

14'  12'  10'  8'  6'  4'  2'  0'  2'  4'  6'  8'  10'  12'  14'

*Note: If using No. 11 honeycomb baffle multiply footcandle values by .80*

## Arti-Star™ - Narrow Spot

# lighting facts℠
A Program of the U.S. DOE

**Light Output (Lumens)** 365
**Watts** 8.2
**Lumens per Watt (Efficacy)** 44

**Color Accuracy**
Color Rendering Index (CRI) 68

**Light Color** 4102 (Bright White)
Correlated Color Temperature (CCT)

| 2700K | 3000K | 4500K | 6500K |
|---|---|---|---|
| Warm White | Bright White | Daylight | |

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.

**Visit www.lightingfacts.com for the *Label Reference Guide*.**

Registration Number: GCXV-T75JNT
Model Number: AR-LED-TR-e23-NSP-12-C
Type: Other

---

## Arti-Star™ - W. Flood

# lighting facts℠
A Program of the U.S. DOE

**Light Output (Lumens)** 345
**Watts** 8.3
**Lumens per Watt (Efficacy)** 41

**Color Accuracy**
Color Rendering Index (CRI) 67

**Light Color** 3981 (Bright White)
Correlated Color Temperature (CCT)

| 2700K | 3000K | 4500K | 6500K |
|---|---|---|---|
| Warm White | Bright White | Daylight | |

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.

**Visit www.lightingfacts.com for the *Label Reference Guide*.**

Registration Number: GCXV-S3LEVG
Model Number: AR-LED-TR-e23-WFL-12-C
Type: Other

---

## Arti-Star™ - Spot

# lighting facts℠
A Program of the U.S. DOE

**Light Output (Lumens)** 354
**Watts** 8.1
**Lumens per Watt (Efficacy)** 43

**Color Accuracy**
Color Rendering Index (CRI) 68

**Light Color** 4080 (Bright White)
Correlated Color Temperature (CCT)

| 2700K | 3000K | 4500K | 6500K |
|---|---|---|---|
| Warm White | Bright White | Daylight | |

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.

**Visit www.lightingfacts.com for the *Label Reference Guide*.**

Registration Number: GCXV-VZ7GZC
Model Number: AR-LED-TR-e22-SP-12-C
Type: Other

---

## Arti-Star™ - M. Flood

# lighting facts℠
A Program of the U.S. DOE

**Light Output (Lumens)** 346
**Watts** 8.2
**Lumens per Watt (Efficacy)** 42

**Color Accuracy**
Color Rendering Index (CRI) 68

**Light Color** 4047 (Bright White)
Correlated Color Temperature (CCT)

| 2700K | 3000K | 4500K | 6500K |
|---|---|---|---|
| Warm White | Bright White | Daylight | |

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.

**Visit www.lightingfacts.com for the *Label Reference Guide*.**

Registration Number: GCXV-EJKWJG
Model Number: AR-LED-TR-e23-MFL-12-C
Type: Other

---

## Arti-Star™ - Spot

# lighting facts℠
A Program of the U.S. DOE

**Light Output (Lumens)** 253
**Watts** 8.2
**Lumens per Watt (Efficacy)** 30

**Color Accuracy**
Color Rendering Index (CRI) 83

**Light Color** 3182 (Bright White)
Correlated Color Temperature (CCT)

| 2700K | 3000K | 4500K | 6500K |
|---|---|---|---|
| Warm White | Bright White | Daylight | |

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.

**Visit www.lightingfacts.com for the *Label Reference Guide*.**

Registration Number: GCXV-KS2AHH
Model Number: AR-LED-TR-e22-SP-12-C
Type: Other

---

## Arti-Star™ - M. Flood - Rectilinear

# lighting facts℠
A Program of the U.S. DOE

**Light Output (Lumens)** 299
**Watts** 8.5
**Lumens per Watt (Efficacy)** 35

**Color Accuracy**
Color Rendering Index (CRI) 66

**Light Color** 4022 (Bright White)
Correlated Color Temperature (CCT)

| 2700K | 3000K | 4500K | 6500K |
|---|---|---|---|
| Warm White | Bright White | Daylight | |

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.* The U.S. Department of Energy (DOE) verifies product test data and results.

**Visit www.lightingfacts.com for the *Label Reference Guide*.**

Registration Number: GCXV-LTQQS3
Model Number: AR-LED-TR-e23-MFL-13-C
Type: Other