

## SPECIFICATION SHEET

HueCraft Projector is a high-performance RGBL floodlight engineered for architectural exteriors. Its quad-chip design introduces Lime LEDs into the mix, widening the color spectrum and enhancing key outdoor tones. HueCraft delivers smooth in-lens color blending and powerful throw, with a narrow 6° beam—the tightest in the industry for a discreet quad-chip layout, ensuring sharp, long-range focus. The precision yoke mount offers a full range of tilt adjustments and features a clean, integrated base that conceals cables for a streamlined, architectural look.

### COLOR



Archi-Color®  
RGBL

### FINISH



Matte Black



Matte White



Custom RAL

### CCT



RGB + 3000K



RGB + 4000K



RGB + 6500K



RGB + Lime



RGB + Amber



Tunable  
White

### OPTICS



6°



10°



15°



30°



45°



60°



15°x60°



60°x15°

### MOUNTING



Adjustable  
Bracket



Pendant  
Stem



### Archi-Color® RGBL

Now tailored for outdoor applications, our refined RGBL system introduces Lime LEDs for better performance and higher efficacy. The expanded spectrum enhances the colors that matter most outdoors—richer ambers, natural reds, deeper greens, and the golden-yellow glow reminiscent of sodium lighting. Archi-Color also enables balanced white light mixing, delivering cleaner, more natural tones alongside vivid, saturated color.

### DriveMax™

Take your lighting further, drive single color channels up to 80% of fixture power, or dual channels simultaneously at 100%. Achieve bolder effects with greater efficiency.

### Ultra-Narrow 6° Beam

While many competitors reserve tight beams for single-LED setups, HueCraft delivers the narrowest beam angle in a discreet quad-chip configuration. The 6° optic enables precise, long-throw projection with full color performance.

### LISTING



## ELECTRICAL

|                           |   |
|---------------------------|---|
| Power Input               | 65W, 120-277 VAC  |
| Power Factor              | > 0.9   |
| Driver Location           | Integral  |
| Surge Protection          | Integral 4kV surge protector  |
| Flicker-Free              | Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting   |
| High-Output Channel Drive | DriveMax™ allows individual color channels to operate at up to 80% of the fixture's total power, or two channels simultaneously at full output. <i>Channel drive capability may vary depending on configuration. Refer to the Performance section for full details.</i> |

## PHYSICAL

|                  |   |
|------------------|---|
| Housing Material | High pressure die-cast aluminum, tempered glass                                     |
| Finish           | Black, White, Custom RAL, Optional C5-M anticorrosion coating                       |
| Dimensions       | 8.11" x 6.14" x 9.41", Ø6.85"   |
| Maximum Fixtures | Maximum 32 fixtures per DMX daisy chain   |
| Weight           | 9.26 lbs / 4.2 kg   |
| EPA              | Bracket: 0.286 ft² (Front)   0.299 ft² (Side), Glare Shield Visor: 0.047 ft² (Side) |
| Adjustability    | Bracket ±90°  |
| Mounting         | Bracket, Pendant  |

## PHOTOMETRIC PERFORMANCE

|                   |   |
|-------------------|---|
| Lumen Output      | 2,857 lm (@15° RGBL)  |
| Beam Angle        | 6°, 10°, 15°, 30°, 45°, 60°, 15°x60°, 60°x15°                                   |
| Colors            | Archi-Color® RGB + Lime   |
| Color Rendering   | CRI 85+   |
| Lumen Maintenance | Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 65,000 Hrs |
| LED Layout        | Discreet quad-chip (4-in-1) RGBL  |

## CONTROL

|                   |  |
|-------------------|--|
| Control           | 4 Channel DMX  |
| Dimming           | DMX 16 bit high resolution dims to 0.01%, supports ANSI E1.20 RDM protocol   |
| Cable/Connections | Fixtures can be specified in hard-wired or IP68-rated waterproof quick connectors for streamlined installation. Leader and jumper cables are sold separately to support flexible system layouts. |

## ENVIRONMENTAL

|                       |                                |
|-----------------------|--------------------------------|
| Operating Temperature | -40°F ~ 122°F / -40°C ~ 50°C   |
| Environment           | ETL Wet Location               |
| Ingress Protection    | IP67                           |
| Impact Resistance     | IK10 with Wire Guard accessory |
| Listing               | ETL, CE, FCC                   |

## WARRANTY

|          |                         |
|----------|-------------------------|
| Warranty | 5-year limited warranty |
|----------|-------------------------|

## CATALOG

|         |      |          |
|---------|------|----------|
| PROJECT | TYPE | QUANTITY |
|---------|------|----------|

**PRODUCT CONFIGURATOR** ➔

Try our **product configurator** on our website to easily specify your requirements and add items to a fixture list.

| MODEL                                  | WATTAGE          | COLORS  | VOLTAGE                     | DIMMING  |
|--|------------------|---|-----------------------------|--|
| <b>HP7</b><br>HueCraft Projector<br>7" | <b>65</b><br>65W | <b>RGLB</b><br>RGB + Lime<br><br><b>RGBA<sup>1</sup></b><br>RGB + Amber<br><br><b>RGB30<sup>1</sup></b><br>RGB + 3000K<br><br><b>RGB40<sup>1</sup></b><br>RGB + 4000K<br><br><b>RGB65<sup>1</sup></b><br>RGB + 6500K<br><br><b>TNW<sup>1</sup></b><br>Tunable White 1800K - 6500K | <b>UNV</b><br>120 - 277 VAC | <b>DMX</b><br>DMX 16 bit high resolution dims to 0.01%, supports ANSI E1.20 RDM protocol |

| OPTIC                           | FINISH                                  | MOUNTING                       | ACCESSORIES   |
|---------------------------------|---|--------------------------------|---|
| <b>6</b><br>6° (5 LED Array)    | <b>1560</b><br>15° x 60° (18 LED Array) | <b>BRK</b><br>Bracket          | <b>GSV<sup>3</sup></b><br>Glare Shield Visor          |
| <b>10</b><br>10° (5 LED Array)  | <b>6015</b><br>60° x 15° (18 LED Array) | <b>ST2</b><br>Pendant Stem 2ft | <b>WG<sup>4</sup></b><br>Wire Guard (IK10 Protection) |
| <b>15</b><br>15° (18 LED Array) | <b>RAL<sup>2</sup></b><br>Custom RAL    | <b>ST4</b><br>Pendant Stem 4ft | <b>C5M<sup>5</sup></b><br>C5-M Anticorrosion Coating  |
| <b>30</b><br>30° (18 LED Array) |   |                                | <b>SPD<sup>6</sup></b><br>Surge Protector             |
| <b>45</b><br>45° (18 LED Array) |   |                                |   |
| <b>60</b><br>60° (18 LED Array) |   |                                |   |

### Notes

1. Tailored control modes are available to simulate specific color temperatures or tonal ranges using the native Archi-Color® RGLB quad-chip engine.
2. Custom RAL finish – please provide RAL number to your representative. Longer lead time required.
3. Use of the Glare Shield Visor (GSV) results in an estimated 20% reduction in lumen output.
4. Use of the Wire Guard (WG) results in an estimated 20% reduction in lumen output.
5. Certified to ISO 12944 for high-corrosion environments. Ideal for coastal, marine, and industrial installations exposed to salt, moisture, or pollutants.
6. Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries.

## CATALOG - CABLE & CONNECTION

### LEADER CABLE

| HPC                                  | LC                        | 1         | BLK          |          |
|--------------------------------------|---------------------------|-----------|--------------|----------|
| MODEL                                | TYPE                      | LENGTH    | FINISH       | QUANTITY |
| HPC<br>HueCraft Projector Connectors | LC<br>Leader Cable (Male) | 1<br>1 ft | BLK<br>Black |          |

### JUMPER CABLE

| HPC                                  | JC                               |  | BLK          |          |
|--------------------------------------|----------------------------------|--|--------------|----------|
| MODEL                                | TYPE                             | LENGTH   | FINISH       | QUANTITY |
| HPC<br>HueCraft Projector Connectors | JC<br>Jumper Cable (Male-Female) | 1.5<br>1.5 ft<br>5<br>5 ft<br>10<br>10 ft<br>25<br>25 ft | BLK<br>Black |          |

### DMX TERMINATOR

| HPC                                  | DMXT  |          |
|--------------------------------------|---|----------|
| MODEL                                | TYPE  | QUANTITY |
| HPC<br>HueCraft Projector Connectors | DMXT<br>DMX Terminator, one required for each run |          |

## PERFORMANCE

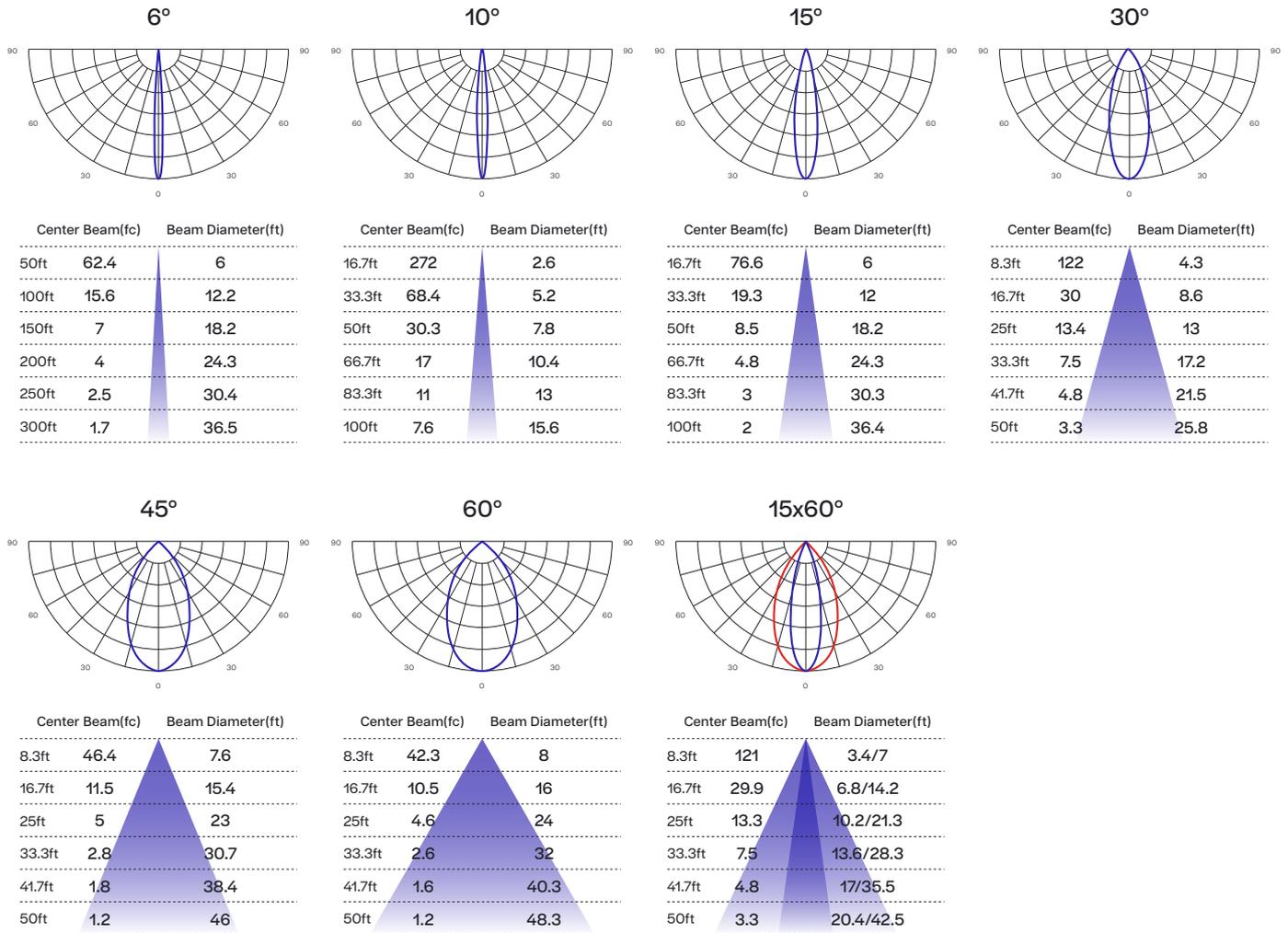
|               | COLOR            | WATTAGE | LUMEN    | PEAK CANDELA |
|---------------|------------------|---------|----------|--------------|
| <b>6°</b>     | <b>RGBL Full</b> | 65 W    | 2,578 lm | 156,463 cd   |
|               | <b>Red</b>       | 23 W    | 622 lm   | 37,759 cd    |
|               | <b>Green</b>     | 28.6 W  | 1,103 lm | 66,969 cd    |
|               | <b>Blue</b>      | 29 W    | 245 lm   | 14,916 cd    |
|               | <b>Lime</b>      | 28.8 W  | 1,903 lm | 115,478 cd   |
| <b>10°</b>    | <b>RGBL Full</b> | 65 W    | 2,623 lm | 83,958 cd    |
|               | <b>Red</b>       | 23 W    | 633 lm   | 20,262 cd    |
|               | <b>Green</b>     | 28.6 W  | 1,122 lm | 35,935 cd    |
|               | <b>Blue</b>      | 29 W    | 250 lm   | 8,004 cd     |
|               | <b>Lime</b>      | 28.8 W  | 1,936 lm | 61,965 cd    |
| <b>15°</b>    | <b>RGBL Full</b> | 65 W    | 2,857 lm | 21,463 cd    |
|               | <b>Red</b>       | 45.7 W  | 1,786 lm | 13,420 cd    |
|               | <b>Green</b>     | 54.8 W  | 2,750 lm | 20,664 cd    |
|               | <b>Blue</b>      | 54.2 W  | 617 lm   | 4,634 cd     |
|               | <b>Lime</b>      | 52.8 W  | 3,004 lm | 22,572 cd    |
| <b>30°</b>    | <b>RGBL Full</b> | 65 W    | 2,530 lm | 8,551 cd     |
|               | <b>Red</b>       | 45.7 W  | 1,581 lm | 5,347 cd     |
|               | <b>Green</b>     | 54.8 W  | 2,435 lm | 8,233 cd     |
|               | <b>Blue</b>      | 54.2 W  | 546 lm   | 1,846 cd     |
|               | <b>Lime</b>      | 52.8 W  | 2,660 lm | 8,993 cd     |
| <b>45°</b>    | <b>RGBL Full</b> | 65 W    | 2,217 lm | 3,204 cd     |
|               | <b>Red</b>       | 45.7 W  | 1,386 lm | 2,003 cd     |
|               | <b>Green</b>     | 54.8 W  | 2,134 lm | 3,085 cd     |
|               | <b>Blue</b>      | 54.2 W  | 478 lm   | 692 cd       |
|               | <b>Lime</b>      | 52.8 W  | 2,331 lm | 3,370 cd     |
| <b>60°</b>    | <b>RGBL Full</b> | 65 W    | 2,135 lm | 2,926 cd     |
|               | <b>Red</b>       | 45.7 W  | 1,335 lm | 1,829 cd     |
|               | <b>Green</b>     | 54.8 W  | 2,055 lm | 2,817 cd     |
|               | <b>Blue</b>      | 54.2 W  | 461 lm   | 632 cd       |
|               | <b>Lime</b>      | 52.8 W  | 2,245 lm | 3,077 cd     |
| <b>15x60°</b> | <b>RGBL Full</b> | 65 W    | 2,914 lm | 8,676 cd     |
|               | <b>Red</b>       | 45.7 W  | 1,822 lm | 5,424 cd     |
|               | <b>Green</b>     | 54.8 W  | 2,805 lm | 8,353 cd     |
|               | <b>Blue</b>      | 54.2 W  | 629 lm   | 1,873 cd     |
|               | <b>Lime</b>      | 52.8 W  | 3,064 lm | 9,124 cd     |

**Note:** Tolerance ±10%, CCT values are mixed from RGBL and not listed individually.  
 Approximate lumen outputs can be calculated by applying the following scale factors to the RGBL Full lumen value:

- 3000K = RGBL × 1.19
- 4000K = RGBL × 1.18
- 6500K = RGBL × 1.14

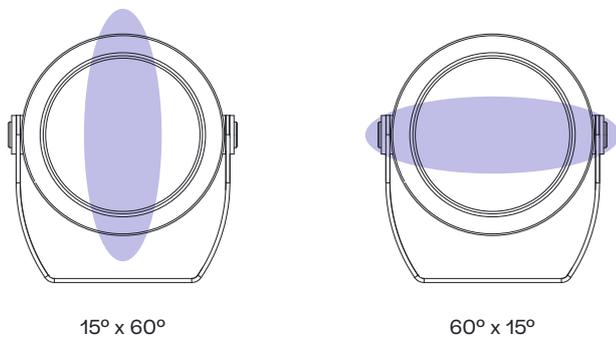
## PHOTOMETRICS\*

\* Data measured @RGLB full on.



## ELLIPTICAL BEAM ANGLES

The first number refers to the beam width in the horizontal (H) axis, and the second number refers to the vertical (V) axis, H° x V°.



## DMX CHART

The HueCraft HP7 fixture is a four channel DMX unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

### DMX ADDRESS (PERSONALITY 1-5)

| Fixture # | Channel | Red Control (ex. X) | Green Control (ex. X+1) | Blue Control (ex. X+2) | White / Lime / Amber (ex. X+3) |
|-----------|---------|---------------------|-------------------------|------------------------|--------------------------------|
| #1        |         | 1                   | 2                       | 3                      | 4                              |
| #2        |         | 5                   | 6                       | 7                      | 8                              |
| #3        |         | 9                   | 10                      | 11                     | 12                             |

### DMX ADDRESS (PERSONALITY 6-7)

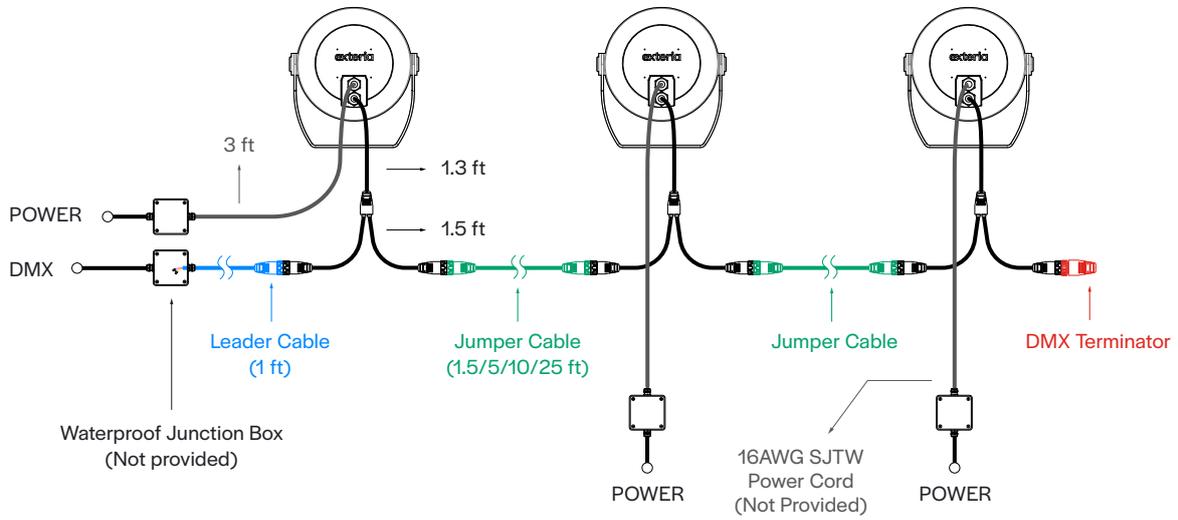
| Fixture # | Channel | Intensity (ex. X) | Tunable White / Preset Color (ex. X+1) |
|-----------|---------|-------------------|--|
| #1        |         | 1                 | 2                                      |
| #2        |         | 3                 | 4                                      |
| #3        |         | 5                 | 6                                      |

## COMPATIBLE DMX CABLING

DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable must not be used to carry DMX. We recommend the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed. A DMX terminator is also required at the end of each DMX chain to ensure proper signal transmission and prevent data reflection.

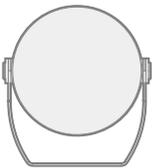
## CONNECTION

\* This diagram is for illustrative purposes only. All installations must comply with applicable electrical codes and safety standards. Follow NEC requirements and consult a qualified professional for proper implementation.



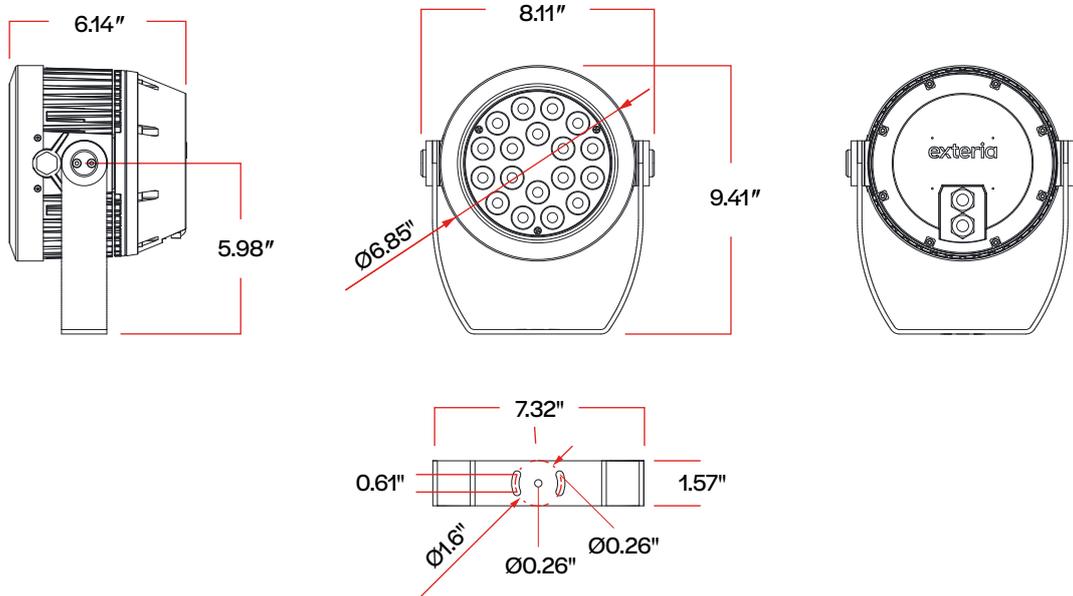
**Note:**  
• Maximum fixtures per daisy chain: 32 fixtures

## EPA VALUES

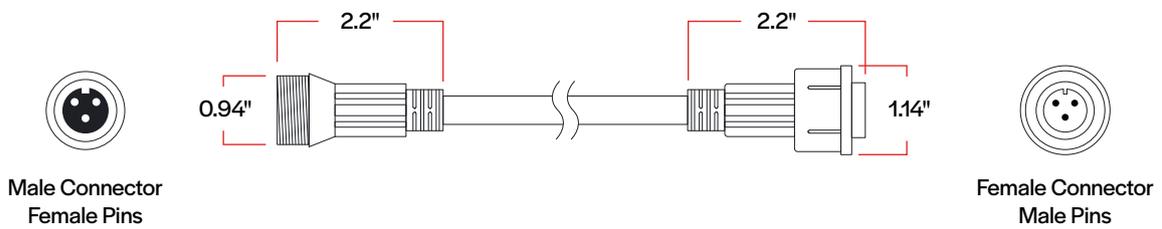
| BRACKET   |   | GSV   |
|---|---|---|
|  |  |  |
| Front   | Side  | Side  |
| 0.286 ft <sup>2</sup>   | 0.299 ft <sup>2</sup>   | 0.047 ft <sup>2</sup>   |

## DIMENSIONS

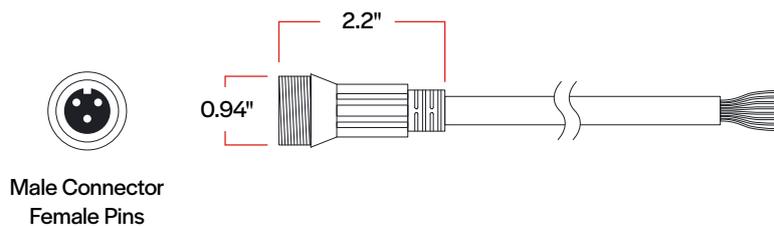
### BRACKET MOUNT



### JUMPER CABLE

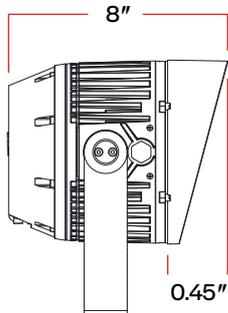


### LEADER CABLE



## DIMENSIONS

### GLARE SHIELD VISOR



## ADJUSTMENTS

### BRACKET

