

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 discrete 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



Bracket Mount



Spike Mount



Pole Mount



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               | 30W, 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       | 6.97" x 4.06" x 7.04", Ø4.98"                                 |
| Maximum Fixtures | Maximum 32 fixtures per DMX daisy chain                       |
| Weight           | 3.75 lbs / 1.7 kg                                             |
| EPA              | Bracket: 0.158 ft² (Front)   0.14 ft² (Side)                  |
| Adjustability    | Bracket ±90°                                                  |
| Mounting         | Bracket, Spike, Pole                                          |

## PHOTOMETRIC PERFORMANCE

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Lumen Output      | 1,267 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        | Discrete quad-chip (4-in-1) RGBL                                                |

## CONTROL

|                   |                                                                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control           | 4 Channel DMX                                                                                                                                                                                    |
| Dimming           | DMX high resolution 16 bit dimming curve dims to 0.1%, 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                         |
| 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.

| HP5                                 | 30               |                                                                                                                                                                                                                                                               | UNV                         | DMX                                                                                                   |
|-------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------|
| MODEL                               | WATTAGE          | COLOR                                                                                                                                                                                                                                                         | VOLTAGE                     | DIMMING                                                                                               |
| <b>HP5</b><br>HueCraft Projector 5" | <b>30</b><br>30W | <b>RGBL</b><br>RGB + Lime<br><b>RGBA<sup>1</sup></b><br>RGB + Amber<br><b>RGB30<sup>1</sup></b><br>RGB + 3000K<br><b>RGB40<sup>1</sup></b><br>RGB + 4000K<br><b>RGB65<sup>1</sup></b><br>RGB + 6500K<br><b>TNW<sup>1</sup></b><br>Tunable White 1800K - 6500K | <b>UNV</b><br>120 - 277 VAC | <b>DMX</b><br>DMX high resolution 16 bit dimming curve dims to 0.1%, supports ANSI E1.20 RDM protocol |

| OPTIC                                                                                                                                                                                                  | FINISH                                                                                                                                                                 | MOUNTING                                                                                                                                                     | ACCESSORIES                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>6</b><br>6° (2 LED Array)<br><b>10</b><br>10° (2 LED Array)<br><b>15</b><br>15° (7 LED Array)<br><b>30</b><br>30° (7 LED Array)<br><b>45</b><br>45° (7 LED Array)<br><b>60</b><br>60° (7 LED Array) | <b>1560</b><br>15° x 60° (7 LED Array)<br><b>6015</b><br>60° x 15° (7 LED Array)<br><b>BLK</b><br>Black<br><b>WHT</b><br>White<br><b>RAL<sup>2</sup></b><br>Custom RAL | <b>BRK</b><br>Bracket Mount<br><b>SPK</b><br>Spike Mount<br><b>PL40</b><br>Pole Mount 4"<br><b>PL45</b><br>Pole Mount 4.5"<br><b>PL55</b><br>Pole Mount 5.5" | <b>C5M<sup>3</sup></b><br>C5-M Anticorrosion Coating<br><b>SPD<sup>4</sup></b><br>Surge Protector |

## Notes

1. Tailored control modes are available to simulate specific color temperatures or tonal ranges using the native Archi-Color® RGBL quad-chip engine.
2. Custom RAL finish – please provide RAL number to your representative. Longer lead time required.
3. Certified to ISO 12944 for high-corrosion environments. Ideal for coastal, marine, and industrial installations exposed to salt, moisture, or pollutants.
4. 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 |
|--------|-----------|---------|----------|--------------|
| 6°     | RGBL Full | 30 W    | 818 lm   | 47,604 cd    |
|        | Red       | 9.5 W   | 197 lm   | 11,488 cd    |
|        | Green     | 11.5 W  | 350 lm   | 20,375 cd    |
|        | Blue      | 11.7 W  | 77 lm    | 4,538 cd     |
|        | Lime      | 11.5 W  | 603 lm   | 35,134 cd    |
| 10°    | RGBL Full | 30 W    | 832 lm   | 22,795 cd    |
|        | Red       | 9.5 W   | 200 lm   | 5,501 cd     |
|        | Green     | 11.5 W  | 356 lm   | 9,756 cd     |
|        | Blue      | 11.7 W  | 79 lm    | 2,173 cd     |
|        | Lime      | 11.5 W  | 614 lm   | 16,823 cd    |
| 15°    | RGBL Full | 30 W    | 1,267lm  | 6,909 cd     |
|        | Red       | 17.4 W  | 792 lm   | 4,320 cd     |
|        | Green     | 21.6 W  | 1,219 lm | 6,652 cd     |
|        | Blue      | 20.8 W  | 273 lm   | 1,492 cd     |
|        | Lime      | 21.1 W  | 1,332 lm | 7,266 cd     |
| 30°    | RGBL Full | 30 W    | 1,122 lm | 2,219 cd     |
|        | Red       | 17.4 W  | 701 lm   | 1,388 cd     |
|        | Green     | 21.6 W  | 1,080 lm | 2,137 cd     |
|        | Blue      | 20.8 W  | 242 lm   | 479 cd       |
|        | Lime      | 21.1 W  | 1,179 lm | 2,334 cd     |
| 45°    | RGBL Full | 30 W    | 983 lm   | 1,136 cd     |
|        | Red       | 17.4 W  | 614 lm   | 614 cd       |
|        | Green     | 21.6 W  | 946 lm   | 1,094 cd     |
|        | Blue      | 20.8 W  | 212 lm   | 245 cd       |
|        | Lime      | 21.1 W  | 1,034 lm | 1,195 cd     |
| 60°    | RGBL Full | 30 W    | 946 lm   | 1,796 cd     |
|        | Red       | 17.4 W  | 592 lm   | 822 cd       |
|        | Green     | 21.6 W  | 911 lm   | 1,266 cd     |
|        | Blue      | 20.8 W  | 204 lm   | 284 cd       |
|        | Lime      | 21.1 W  | 995 lm   | 1,383 cd     |
| 15x60° | RGBL Full | 30 W    | 1,292 lm | 3,353 cd     |
|        | Red       | 17.4 W  | 807 lm   | 1,644 cd     |
|        | Green     | 21.6 W  | 1,244 lm | 2,531 cd     |
|        | Blue      | 20.8 W  | 279 lm   | 568 cd       |
|        | Lime      | 21.1 W  | 1,359 lm | 2,765 cd     |

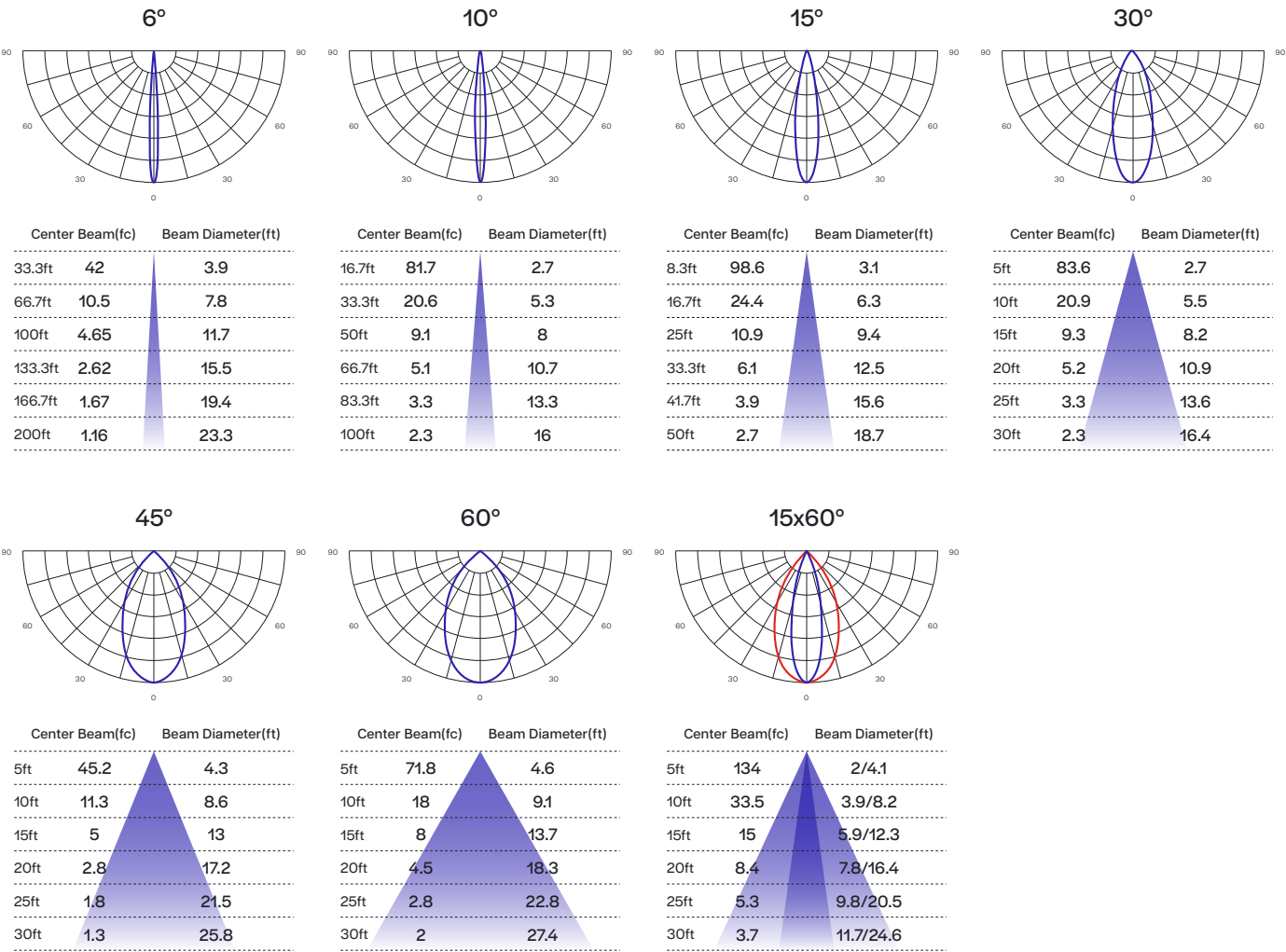
**Note:** Tolerance  $\pm 10\%$ , CCT values are mixed from RGBL and not listed individually.

Approximate lumen outputs can be calculated by applying the following scale factors to the RGBL Full lumen value:

- 3000K = RGBL  $\times 1.19$
- 4000K = RGBL  $\times 1.18$
- 6500K = RGBL  $\times 1.14$

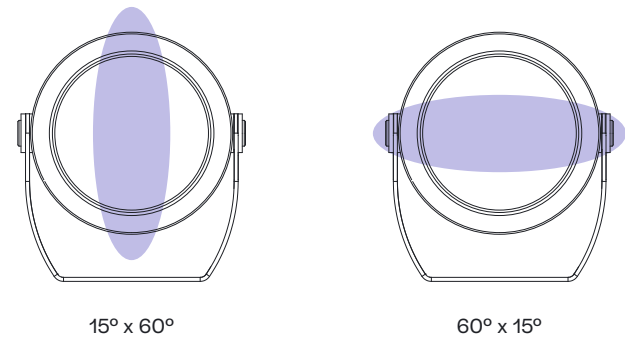
PHOTOMETRICS\*

\* Data measured @RGBL 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 HP5 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)

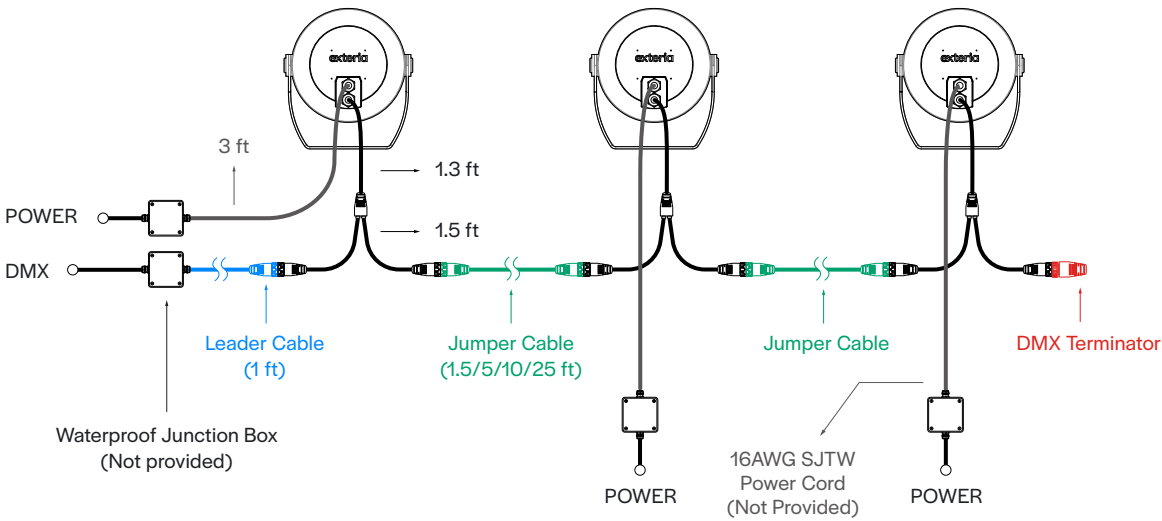
| Fixture # \ Channel | Intensity (ex. X) | Tunable White / Preset Color (ex. X+1) |
|---------------------|-------------------|----------------------------------------|
| #1                  | 1                 | 2                                      |
| #2                  | 3                 | 4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

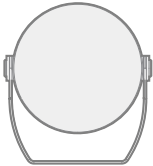
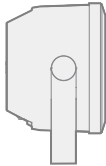
CONNECTION

\* 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.



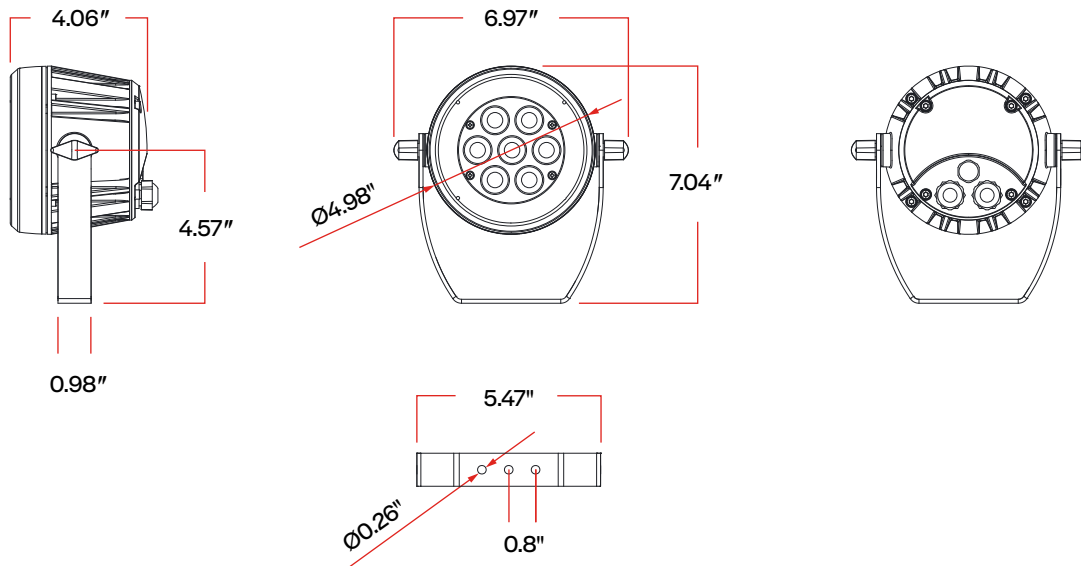
**Note:**  
• Maximum fixtures per daisy chain: 32 fixtures

EPA VALUES

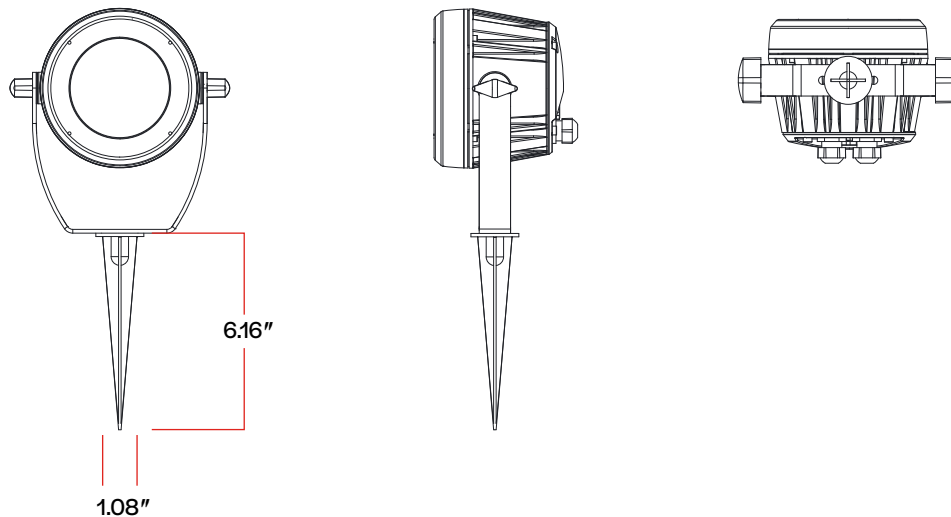
| BRACKET                                                                             |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| Front                                                                               | Side                                                                                |
| 0.158 ft <sup>2</sup>                                                               | 0.14 ft <sup>2</sup>                                                                |

## DIMENSIONS

### BRACKET MOUNT

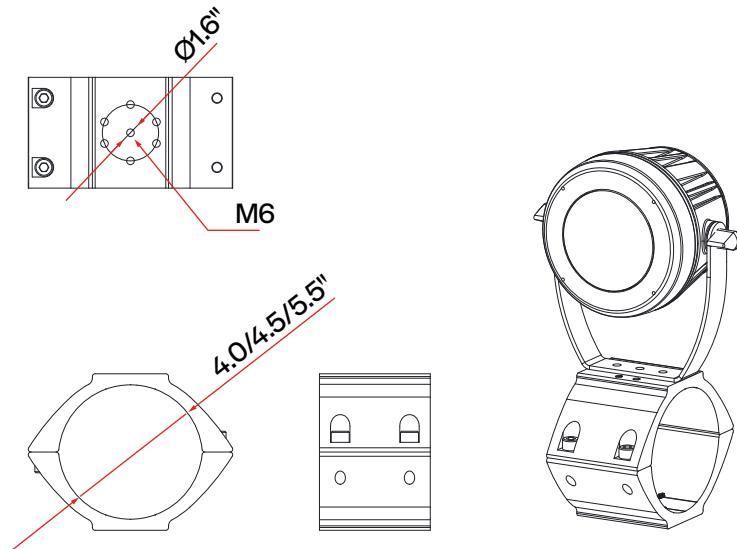


### SPIKE MOUNT

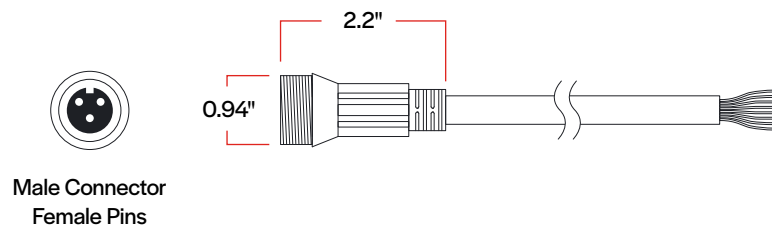


## DIMENSIONS

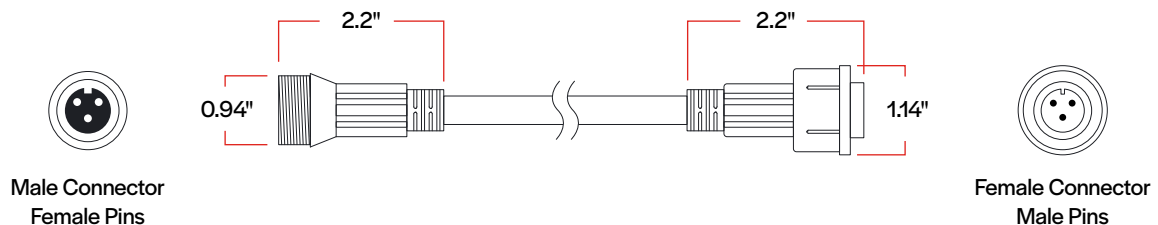
### POLE MOUNT



### LEADER CABLE



### JUMPER CABLE



## ADJUSTMENTS

