

HueCraft HP10



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



Adjustable
Yoke Stand



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 | 130W, 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 | 11.14" x 7.55" x 12.19", Ø9.88" |
| Maximum Fixtures | 28 fixtures per chain |
| Weight | 18.5 lbs / 8.4 kg |
| EPA | Bracket: 0.14 ft² (Front) 0.14 ft² (Side), Yoke: 0.65 ft² (Front) 0.6 ft² (Side), Glare Shield Visor: 0.0754 ft² (Side) |
| Adjustability | Bracket ±90°, Yoke +40°/-30° |
| Mounting | Bracket, Pendant, Yoke |

PHOTOMETRIC PERFORMANCE

| | |
|-------------------|---|
| Lumen Output | 6,183 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.

| | | | | |
|-----------------------------------|-------------|--|----------------------|---|
| HP10 | 130 | | UNV | DMX |
| MODEL | WATTAGE | COLORS | VOLTAGE | DIMMING |
| HP10 HueCraft Projector 10" | 130 130W | RGBL RGB + Lime RGBA ¹ RGB + Amber RGB30 ¹ RGB + 3000K RGB40 ¹ RGB + 4000K RGB65 ¹ RGB + 6500K TNW ¹ Tunable White 1800K - 6500K | UNV 120 - 277 VAC | DMX DMX 16 bit high resolution dims to 0.01%, supports ANSI E1.20 RDM protocol |

| | | | |
|--------------------------|--------------------------------|------------------------------|---|
| | | | |
| OPTIC | FINISH | MOUNTING | ACCESSORIES |
| 6 6° (9 LED Array) | BLK Black | BRK Bracket | GSV ³ Glare Shield Visor |
| 10 10° (9 LED Array) | WHT White | YKM Adjustable Yoke Mount | WG ⁴ Wire Guard (IK10 Protection) |
| 15 15° (36 LED Array) | RAL ² Custom RAL | ST2 Pendant Stem 2ft | C5M ⁵ C5-M Anticorrosion Coating |
| 30 30° (36 LED Array) | | ST4 Pendant Stem 4ft | SPD ⁶ Surge Protector |
| 45 45° (36 LED Array) | | | |
| 60 60° (36 LED Array) | | | |

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. Use of the Glare Shield Visor (GSV) results in an estimated 20% reduction in lumen output, GSV is not compatible with WG.
4. Use of the Wire Guard (WG) results in an estimated 20% reduction in lumen output, WG is not compatible with GSV.
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 HueCraft Projector Connectors | LC Leader Cable (Male) | 1 1 ft | BLK Black | |

JUMPER CABLE

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

DMX TERMINATOR

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

PERFORMANCE

| | COLOR | WATTAGE | LUMEN | PEAK CANDELA |
|--------|-----------|---------|----------|--------------|
| 6° | RGBL Full | 132.4 W | 4,995 lm | 310,091 cd |
| | Red | 43.1 W | 1,205 lm | 74,835 cd |
| | Green | 56.7 W | 2,138 lm | 132,724 cd |
| | Blue | 55.2 W | 476 lm | 29,561 cd |
| | Lime | 54.1 W | 3,687 lm | 22,886 cd |
| 10° | RGBL Full | 132.4 W | 5,082 lm | 188,347 cd |
| | Red | 43.1 W | 1,226 lm | 45,454 cd |
| | Green | 56.7 W | 2,175 lm | 80,615 cd |
| | Blue | 55.2 W | 484 lm | 17,955 cd |
| | Lime | 54.1 W | 3,750 lm | 139,009 cd |
| 15° | RGBL Full | 135.4 W | 6,183 lm | 43,630 cd |
| | Red | 86.3 W | 3,866 lm | 27,280 cd |
| | Green | 102.4 W | 5,953 lm | 42,006 cd |
| | Blue | 102 W | 1,335 lm | 9,421 cd |
| | Lime | 103.5 W | 6,502 lm | 45,884 cd |
| 30° | RGBL Full | 135.4 W | 5,475 lm | 15,560 cd |
| | Red | 86.3 W | 3,423 lm | 9,729 cd |
| | Green | 102.4 W | 5,271 lm | 14,981 cd |
| | Blue | 102 W | 1,182 lm | 3,360 cd |
| | Lime | 103.5 W | 5,758 lm | 16,364 cd |
| 45° | RGBL Full | 135.4 W | 4,798 lm | 7,588 cd |
| | Red | 86.3 W | 3,000 lm | 2,982 cd |
| | Green | 102.4 W | 4,620 lm | 7,305 cd |
| | Blue | 102 W | 1,036 lm | 1,638 cd |
| | Lime | 103.5 W | 5,046 lm | 9,798 cd |
| 60° | RGBL Full | 135.4 W | 4,621 lm | 5,408 cd |
| | Red | 86.3 W | 2,889 lm | 3,381 cd |
| | Green | 102.4 W | 4,449 lm | 5,207 cd |
| | Blue | 102 W | 997 lm | 1,168 cd |
| | Lime | 103.5 W | 4,860 lm | 5,687 cd |
| 15x60° | RGBL Full | 135.4 W | 6,306 lm | 14,329 cd |
| | Red | 86.3 W | 3,943 lm | 8,959 cd |
| | Green | 102.4 W | 6,072 lm | 13,796 cd |
| | Blue | 102 W | 1,361 lm | 3,094 cd |
| | Lime | 103.5 W | 6,632 lm | 15,069 cd |

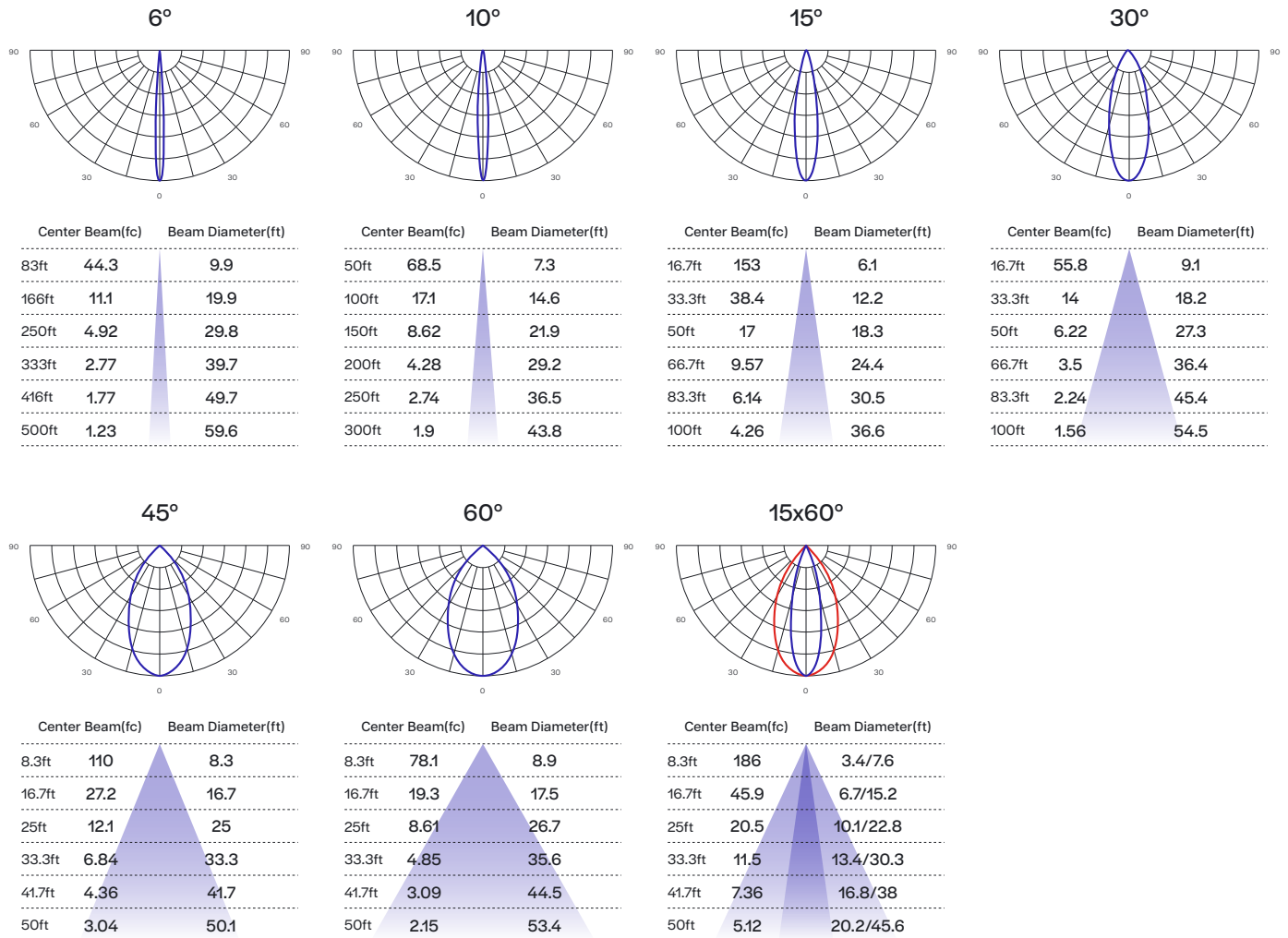
Note: Tolerance $\pm 10\%$, CCT values are mixed from RGBL and not listed individually.

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 $\times 1.14$

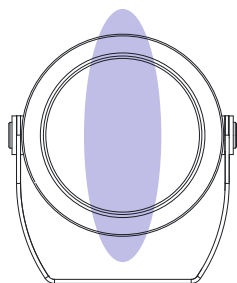
PHOTOMETRICS*

* Data measured @RGBL full on.

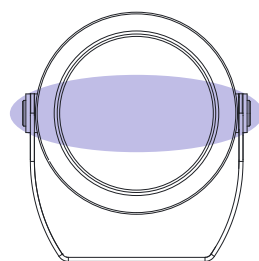


ELLIPTICAL BEAM ANGLES

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°.



15° x 60°



60° x 15°

DMX CHART

The HueCraft HP10 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)

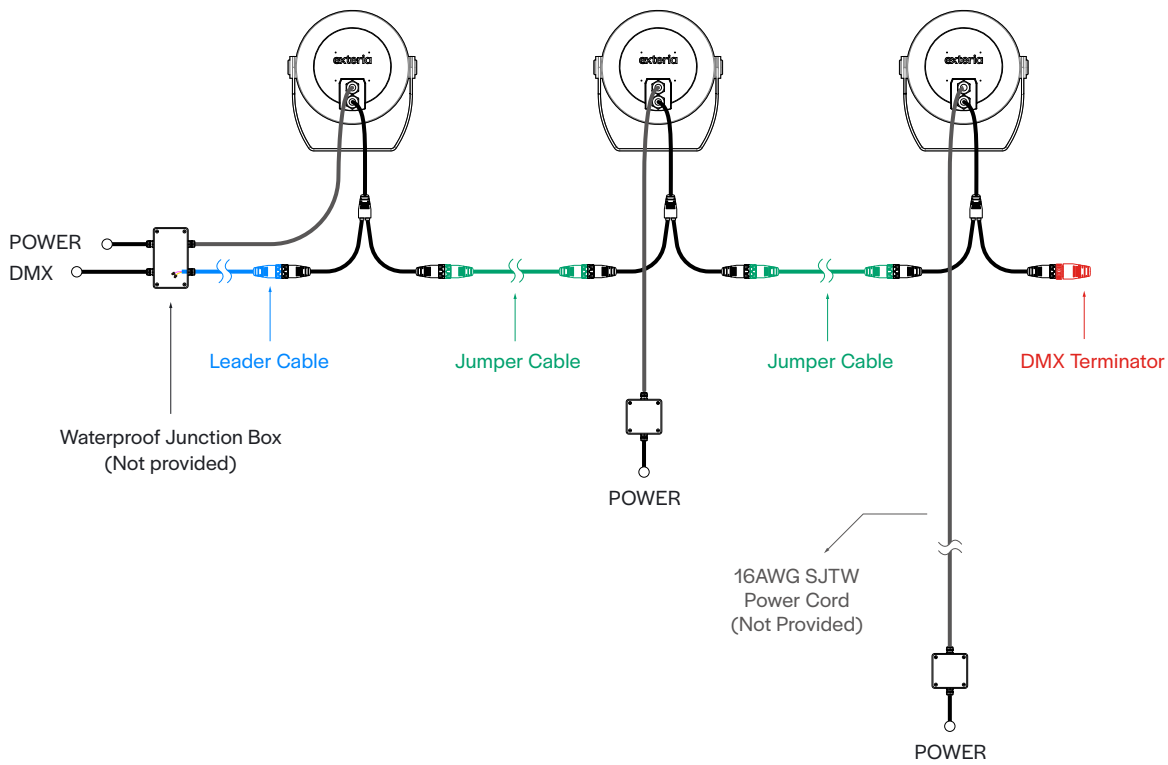
| Fixture # \ Channel | Intensity (ex. X) | Tunable White / Preset Color (ex. X+1) |
|---------------------|-------------------|--|
| #1 | 1 | 2 |
| #2 | 3 | 4 |
| #3 | 5 | 6 |

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.

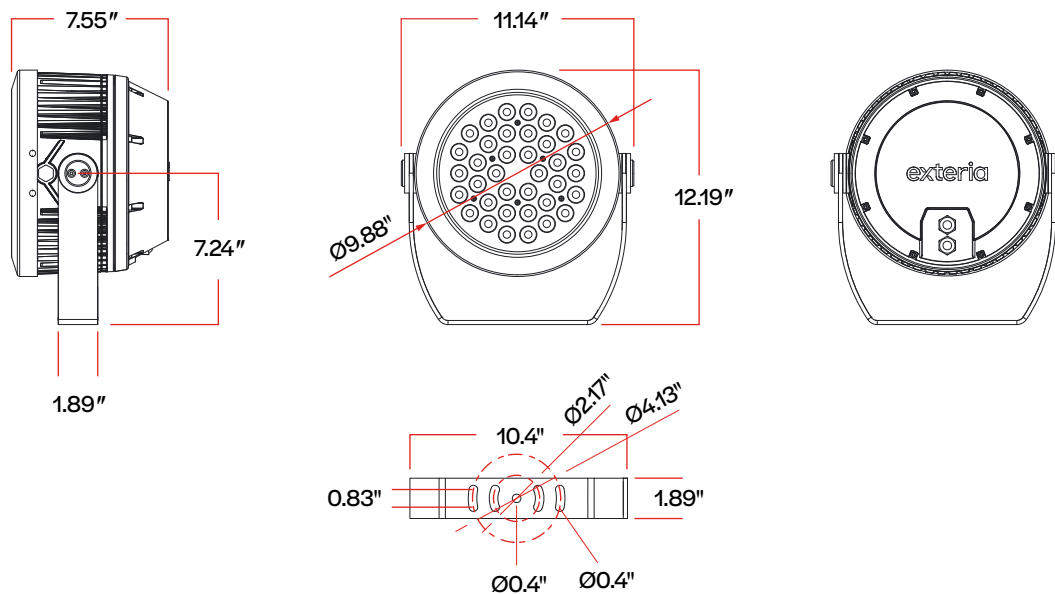


EPA VALUES

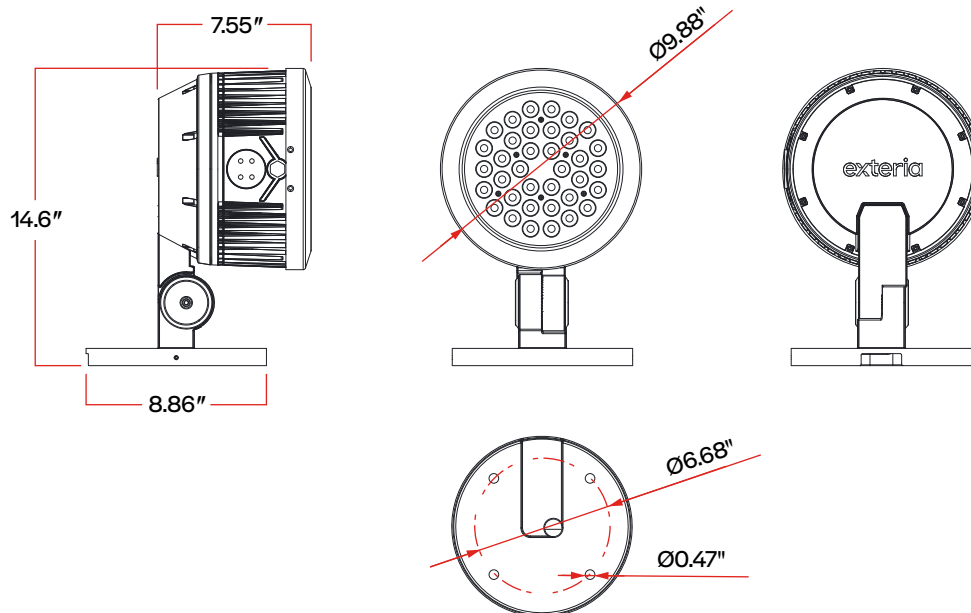
| BRACKET | | YOKE | | GSV |
|----------|----------|----------|----------|------------|
| | | | | |
| Front | Side | Front | Side | Side |
| 0.14 ft² | 0.14 ft² | 0.65 ft² | 0.60 ft² | 0.0754 ft² |

DIMENSIONS

BRACKET MOUNT

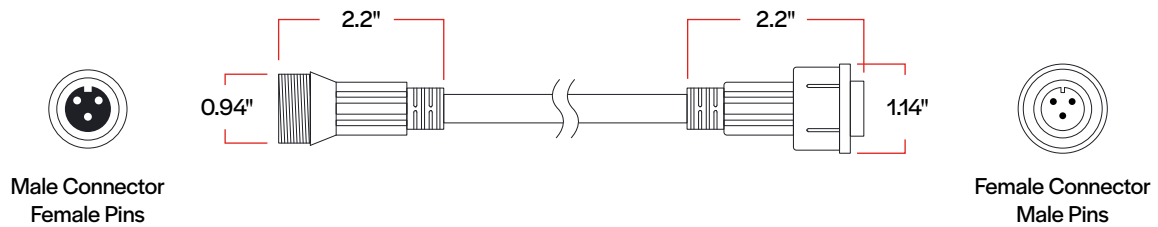


YOKE MOUNT

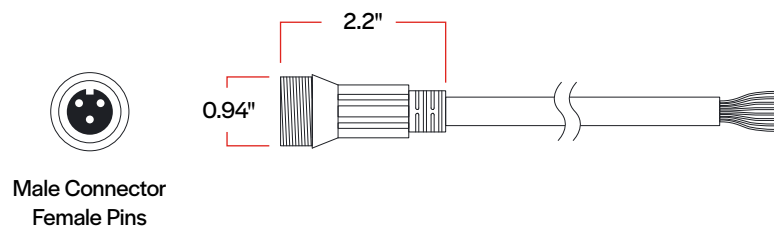


DIMENSIONS

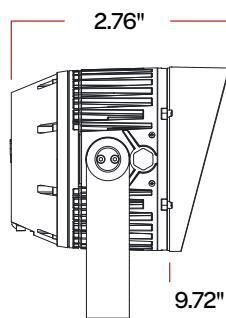
JUMPER CABLE



LEADER CABLE

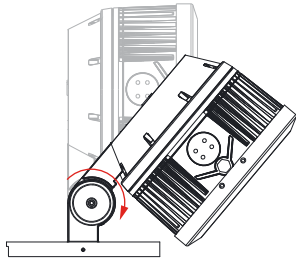


GLARE SHIELD VISOR

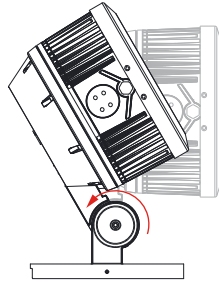


ADJUSTMENTS

YOKE

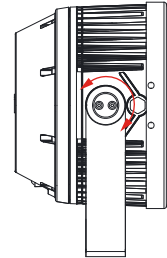


Forward 40°



Backward 30°

BRACKET



± 90°