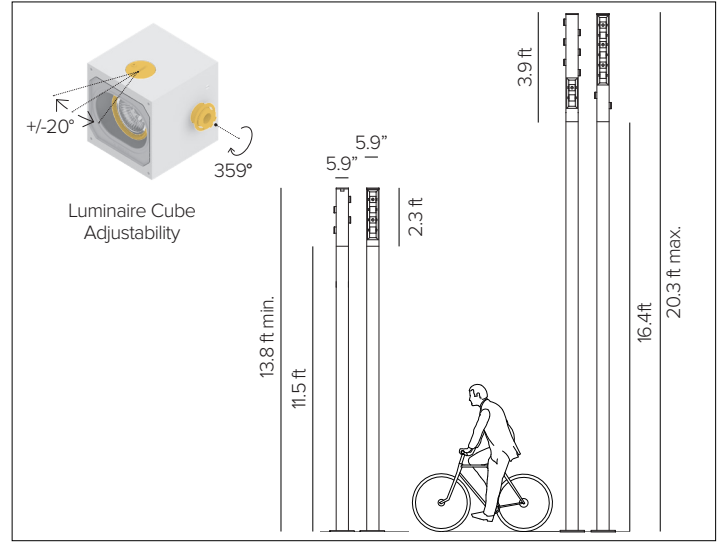


LUCERA™

Multi-head Event Pole with Professional Adjustable Floodlight Projectors



CONCEPT

Small footprint event pole with professional multi head adjustable LED floodlight projectors.

FIXTURE MECHANICAL CHARACTERISTICS

| | |
|-------------------------|---|
| Housing | 3.0" x 3.0" luminaire cube. |
| Materials | Die-cast aluminum powder coated body and joints for maximum heat dissipation. |
| Finish | Textured finish. ● Ferrite Dark Grey ● Black ● White ● Bronze ● Sandstone Grey ● Heritage Brown ^B Custom RAL |
| Power Connection | IP67 low voltage quick disconnect. |
| Functionality | Adjustable up to +/-359° on the vertical plane and +/-20° on the horizontal plane with aim locking set screw. |
| Protection | IP66 |
| Resistance | IK09 |

POLE MECHANICAL CHARACTERISTICS

| | |
|-------------------------|---|
| Materials | Extruded aluminum with architecturally defined corners. |
| Finish | Textured finish. ● Ferrite Dark Grey ● Black ● White ● Bronze ● Sandstone Grey ● Heritage Brown ^B Custom RAL ^B Custom Faux Wood ^B Consult factory for custom finish options. |
| Dimensions | 5.9" x 5.9" |
| Power Connection | Integral power connection box(s). |
| Foundation | 39.4" x 39.4" x 39.4"H |
| Anchor Bolts | (4pcs) ¾" x 24" x 3" J-Bolts included |
| Thickness | 0.16" to 0.25" |
| MPH | 11.5ft H: 140mph / 16ft H: 125mph |

WARRANTY

5 year limited warranty

ELECTRICAL CHARACTERISTICS

| | |
|----------------|---|
| Driver | Integral 0-10V driver for static white versions. Integral DMX 512 driver for dynamic RGBW and Tunable White versions. |
| Wattage | Per luminaire cube: 11W static white / 8.4W RGBW 4Ch / 6.7W TW 2Ch. Note: for RGBW each luminaire is controlled individually; for TW, 2ea luminaires are controlled together. |
| Voltage | Universal Voltage 120-277V AC 50/60Hz |

SOURCE

LED Chip on Board for static white versions. Custom LED array for RGBW and Tunable White versions.

| TM30 | CCT (Nominal) | CRI | Rf | Rg | SDCM |
|------|----------------|-----|----|----|------|
| ■ | 2700K | 81 | 80 | 97 | 2 |
| ■ | 3000K | 82 | 82 | 97 | 2 |
| ■ | 3500K | 82 | 81 | 97 | 2 |
| ■ | 4000K | 82 | 81 | 97 | 2 |
| ■ | TW 2700K-5000K | 81 | 81 | 97 | 2 |
| ■ | RGBW 6500K | - | - | - | - |

Ra90 available upon request

OPTIC

Equipped with collimating optic with angle specific holographic spread lens.

| Beam | SP 17° | NFL 28° | FL 37° | MWFL 47° | |
|-------------------------|--|------------|-----------|-------------|---------|
| Delivered Lumens | 4000K | 947Lm | 909Lm | 879Lm | 847Lm |
| | TYPE I | TYPE II | TYPE III | TYPE IV | TYPE VS |
| | 6,090Lm | 5,338Lm | 5,681Lm | 5,757Lm | 5,822Lm |
| Efficacy | 89Lm/W max. Refer to photometric graphs for specific values. | | | | |
| Lifetime | 100,000hrs | | | | |

CERTIFICATIONS

cULus Wet Location Listed
 Tested in accordance with LM-79-08
 Energy efficient for California installations.
 RoHS3 EU 215/863

LUCERA™

SPECIFICATION INFORMATION



Ex: LUCA1L1FL30FE / 1US002Z

| 1 - PRODUCT CODE | 2 - HEAD STYLE | 3 - WATTAGE | 4 - OPTIC | 5 - KELVIN | 6 - FINISH |
|--------------------------------|--|--|--|--------------------|--|
| LUC — LUCERA™ | A0 — 2+2 Adjustable Heads | L1 — 50W | SP — SP 15° | 27 — 2700K | FE — Ferrite Dark Grey HB — Heritage Brown BZ — Bronze WT — White BT — Black SG — Sandstone Grey RAL — Custom RAL |
| | A1 — 4 Adjustable Heads | | NF — NFL 29° | | |
| | A2 — 2+4 Adjustable Heads | L2 — 75W | FL — FL 36° | 35 — 3500K | |
| | A3 — 6 Adjustable Heads | | MW — MWFL 44° | | |
| | A4 — 8 Adjustable Heads | L3 — 100W | | | |
| | A5 — 2+6 Adjustable Heads | | | | |
| | A6 — 4+4 Adjustable Heads | | | | |
| | A0 — 2+2 Adjustable Heads | L4 — 34W | SP — SP 15° | DY — Dynamic RGBW | |
| | A1 — 4 Adjustable Heads | | NF — NFL 29° | | |
| | A2 — 2+4 Adjustable Heads | L5 — 51W | FL — FL 36° | | |
| | A3 — 6 Adjustable Heads | | MW — MWFL 44° | | |
| | A4 — 8 Adjustable Heads | L6 — 68W | | | |
| | A5 — 2+6 Adjustable Heads | | | | |
| | A6 — 4+4 Adjustable Heads | | | | |
| | A0 — 2+2 Adjustable Heads | L7 — 27W | SP — SP 15° | TW — Tunable White | |
| | A1 — 4 Adjustable Heads | | NF — NFL 29° | | |
| | A2 — 2+4 Adjustable Heads | L8 — 41W | FL — FL 36° | | |
| | A3 — 6 Adjustable Heads | | MW — MWFL 44° | | |
| | A4 — 8 Adjustable Heads | L9 — 54W | | | |
| | A5 — 2+6 Adjustable Heads | | | | |
| A6 — 4+4 Adjustable Heads | | | | | |
| F1 — 2+6 Fixed Heads | L3 — 96W | T1 — Type I | 27 — 2700K | | |
| | | T2 — Type II | 30 — 3000K | | |
| | | T3 — Type III | 35 — 3500K | | |
| F2 — 4+4 Fixed Heads | | T4 — Type IV | 40 — 4000K | | |
| | | T5 — Type VS | | | |
| 7 - OPTIONAL | 8 - POLE | 9 - POLE ACCESSORIES | 10 - OPTICAL ACCESSORIES | | |
| MG ^A — Marine Grade | 11.5ft Pole <i>See section for details</i> 16.4ft Pole <i>See section for details</i> | Base Cover <i>See section for details</i> Motion Sensor <i>See section for details</i> Photocell <i>See section for details</i> Camera <i>See section for details</i> Speaker <i>See section for details</i> Banner Arms <i>See section for details</i> | Filter Holder Ring <i>See section for details</i> Blade Light Linear Spread Lens <i>See section for details</i> Anti-glare Louver <i>See section for details</i> Asymmetric Snoot <i>See section for details</i> Symmetric Snoot <i>See section for details</i> | | |

Consult factory for custom configurations.

^A Marine Grade is recommended for use in environments with occasional exposure to salt air, reclaimed water, fertilizers, chemical cleaners, or frequent pressure washing (steam) cleaning. Fixture housing complete with marine grade cataphoresis suitable for use in marine grade environments. Not to be in direct contact with salt or corrosive agents for extended periods of time.

LUCERA™

HEAD VERSIONS

ADJUSTABLE

4 HEAD

2+2 HEAD

6 HEAD

2+4 HEAD

8 HEAD

2+6 HEAD

4+4 HEAD



FIXED

TYPE I

2+6 HEAD STYLE ONLY

TYPE II

2+6 HEAD STYLE ONLY

TYPE III

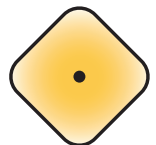
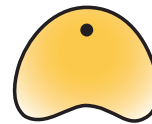
2+6 HEAD STYLE ONLY

TYPE IV

2+6 HEAD STYLE ONLY

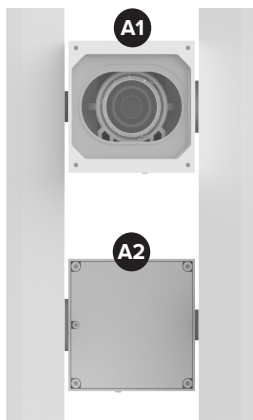
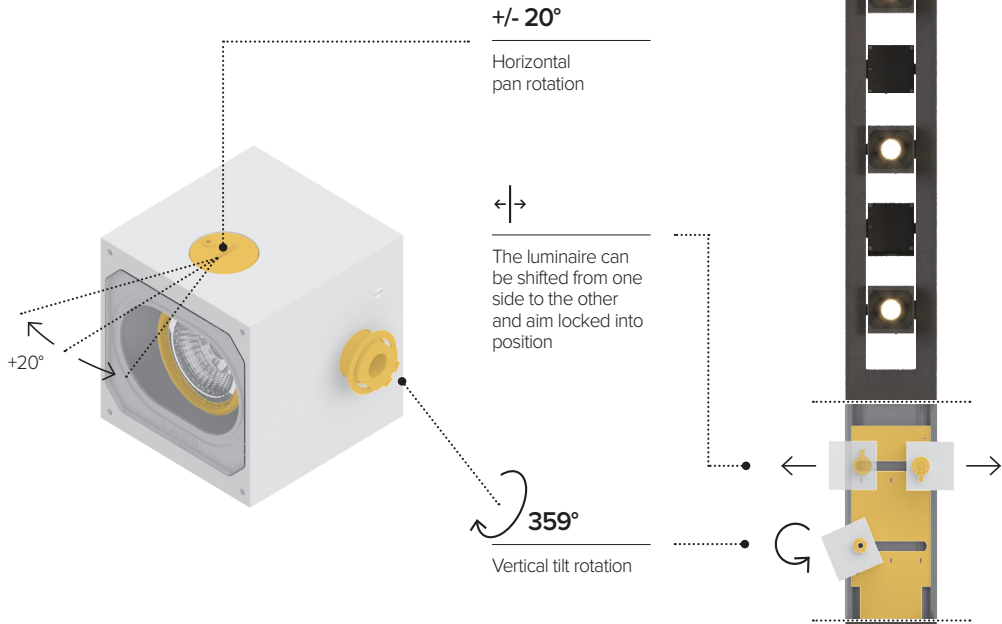
TYPE VS

4+4 HEAD STYLE ONLY



LUCERA™

LUMINAIRE FLEXIBILITY



A1 – A2

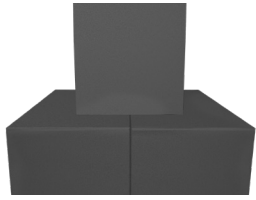
The luminaire assembly is equipped with pairs of projectors available in 4 different beam optics.



LUCERA™

9 – POLE ACCESSORIES (OPTIONAL)

CONSULT FACTORY FOR COLLAR RELATED ACCESSORIES AND MOUNTING CONFIGURATIONS.



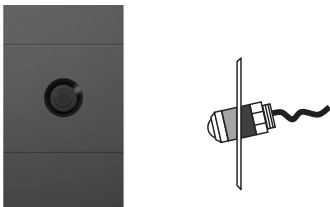
Decorative aluminum pole base cover. Dimension: 10.75"W X 10.75"D X 6"H

Part No. **A010A (*)**



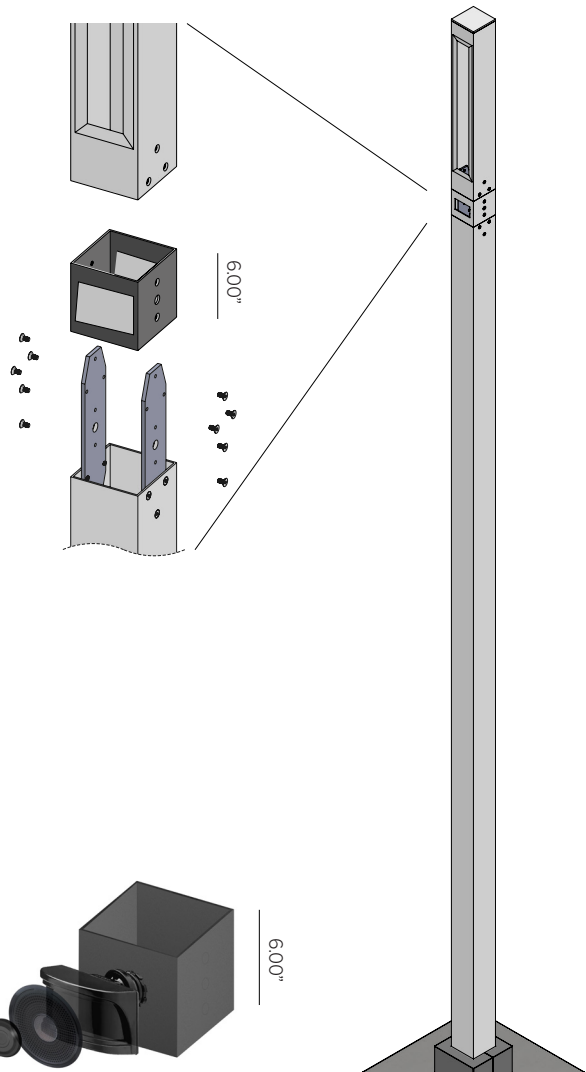
BannerSaver™ break away banner arms with mounting hardware and stainless steel mounting band, black finish. Sold in sets of two **12"L** arms. **Consult factory for additional lengths. Banner not included.**

Part No. **CONSULT FACTORY**



Integral angled IP67 wall plate camera. Analog 1080p 4-in-1 (HD / TVI / CVI / AHD) 155° viewing angle with 2.9mm lens. Equipped with Sony STARVIS that provides high quality color saturation when recording at night. **Required to be used with 1USCLR06 Accessory Collar.**

Part No. **1USCAM01**



Accessory collar: 6"H pole integrated aluminum, 2pc steel mounting brackets included. Required for mounting specified accessories as noted.

Part No. **1USCLR06 (*)**



Integral 2-in-1 motion sensor and photo cell. 270° motion, 70ft range with dusk to dawn setting. **Required to be used with 1USCLR06 Accessory Collar.**

Finish ● Black ● White

Part No. **1USSNS01BK 1USSNS01WH**



Fusion® XS coaxial speaker. IP65 marine grade aluminum dome, 120W . **Required to be used with 1USCLR06 Accessory Collar.**

Part No. **CONSULT FACTORY**

- Ferrite Dark Grey (Default)
- Heritage Brown (HB)*
- Bronze (BZ)*
- White (WT)*
- Black (BT)*
- Sandstone Grey (SG)*

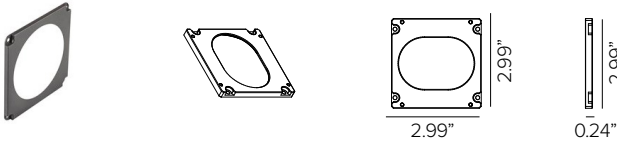
***Add suffix to end of number to identify finish (EX. 1E3741HB)**

LUCERA™

10 – OPTICAL ACCESSORIES (OPTIONAL)

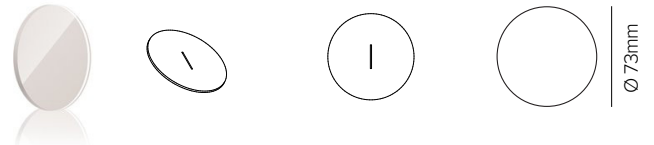
MAXIMUM OF TWO ACCESSORIES PER LUMINAIRE CUBE.

ACCESSORIES AVAILABLE AS INDIVIDUAL ITEMS, NOTATE QUANTITY OF DESIRED ACCESSORIES PER POLE.



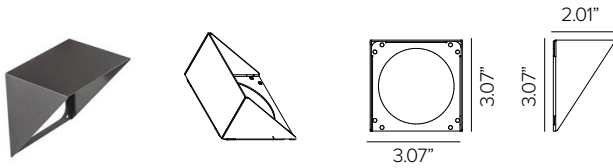
Filter holder ring. CNC machined anodized and powder coated aluminum. **Required for use of all filters.**

Part No. **A011D (*)**



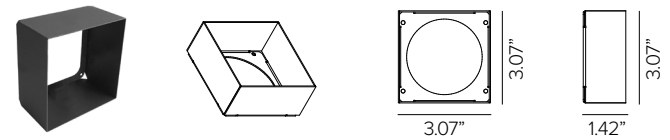
'Blade of Light' linear spread lens. PMMA holographic filter. **To be completed with A011D dedicated holder ring. Does not apply toward maximum accessory count.**

Part No. **A011E**



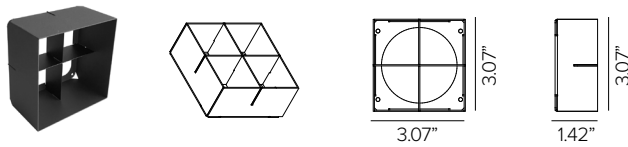
Asymmetric snoot. Powder coated stainless steel. **Not compatible with A011A and A011B.**

Part No. **A011C (*)**



Symmetric snoot. Powder coated stainless steel. **Not compatible with A011B and A011C.**

Part No. **A011A (*)**



Anti glare louver with removable baffles for different levels of glare control. Powder coat stainless steel. **Not compatible with A011A and A011C.**

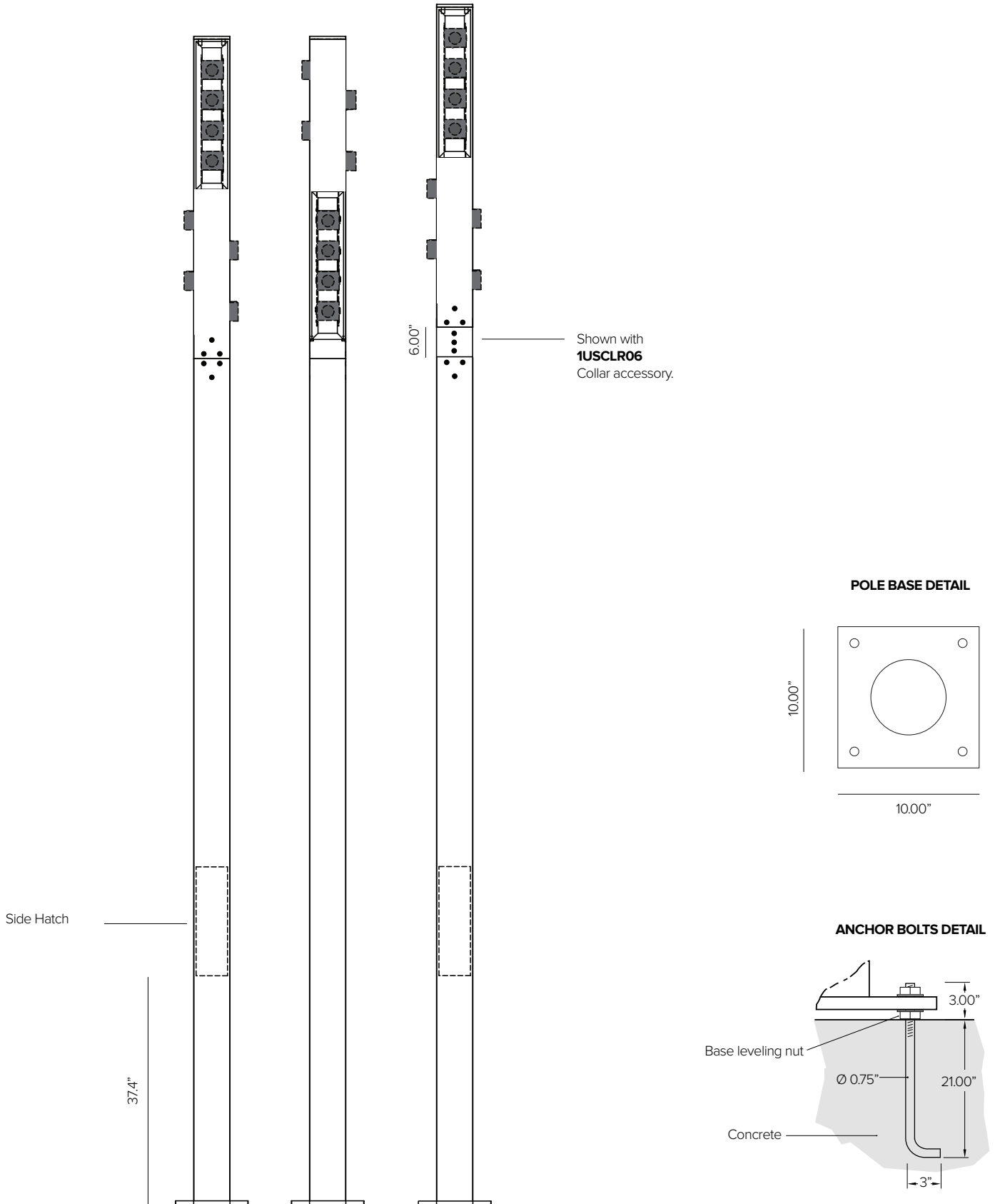
Part No. **A011B (*)**

- Ferrite Dark Grey (Default)
- Heritage Brown (HB)*
- Bronze (BZ)*
- White (WT)*
- Black (BT)*
- Sandstone Grey (SG)*

*Add suffix to end of number to identify finish (EX. 1E3741HB)

LUCERA™

INSTALLATION DIAGRAM



LUCERA™

PHOTOMETRY

SPOT

| | | 4000K | H(m) | D(m) | Emax(lx) | |
|---------------|------------------------------|------------------|--------|------|----------|-----|
| | | Ra80 | | 17° | | |
| Fixture Power | 11W | 1 | 0.29 | 6510 | | |
| Source Flux | 1322lm | 2 | 0.58 | 1628 | | |
| Fixture Flux | 947lm | 3 | 0.87 | 723 | | |
| Efficacy | 89lm/W | 4 | 1.17 | 407 | | |
| A7283 | I _{max} =4924cd/klm | I _{max} | 6510cd | 5 | 1.46 | 260 |

NARROW FLOOD

| | | 4000K | H(m) | D(m) | Emax(lx) | |
|---------------|------------------------------|------------------|--------|------|----------|-----|
| | | Ra80 | | 28° | | |
| Fixture Power | 11W | 1 | 0.50 | 2737 | | |
| Source Flux | 1322lm | 2 | 1.01 | 684 | | |
| Fixture Flux | 909lm | 3 | 1.51 | 304 | | |
| Efficacy | 86lm/W | 4 | 2.02 | 171 | | |
| A7284 | I _{max} =2070cd/klm | I _{max} | 2737cd | 5 | 2.52 | 109 |

FLOOD

| | | 4000K | H(m) | D(m) | Emax(lx) | |
|---------------|------------------------------|------------------|--------|------|----------|----|
| | | Ra80 | | 37° | | |
| Fixture Power | 11W | 1 | 0.66 | 1806 | | |
| Source Flux | 1322lm | 2 | 1.32 | 451 | | |
| Fixture Flux | 879lm | 3 | 1.98 | 201 | | |
| Efficacy | 83lm/W | 4 | 2.64 | 113 | | |
| A7285 | I _{max} =1366cd/klm | I _{max} | 1806cd | 5 | 3.30 | 72 |

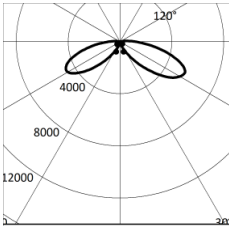
MEDIUM WIDE FLOOD

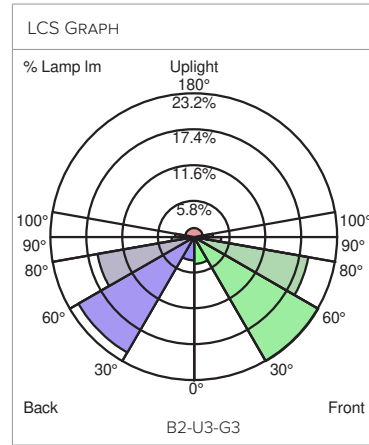
| | | 4000K | H(m) | D(m) | Emax(lx) | |
|---------------|-----------------------------|------------------|--------|------|----------|----|
| | | Ra80 | | 47° | | |
| Fixture Power | 11W | 1 | 0.86 | 1181 | | |
| Source Flux | 1322lm | 2 | 1.73 | 295 | | |
| Fixture Flux | 847lm | 3 | 2.59 | 131 | | |
| Efficacy | 80lm/W | 4 | 3.46 | 74 | | |
| A7286 | I _{max} =893cd/klm | I _{max} | 1181cd | 5 | 4.32 | 47 |

LUCERA™

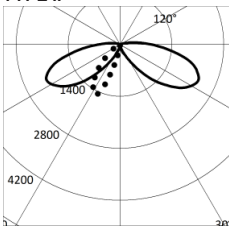
PHOTOMETRY

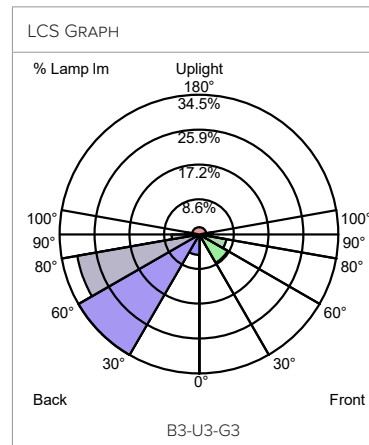
TYPE I

| | | | | | | | |
|--|-----------------------------|------------------|--------|-------|-----------------------|------|----|
|  | - | H(m) | D1(m) | D2(m) | E _{max} (lx) | | |
| | - | | 38° | 31° | | | |
| Fixture Power | 96W | 1 | 5.66 | 1.28 | 1078 | | |
| Source Flux | 6090lm | 2 | 11.32 | 2.57 | 269 | | |
| Fixture Flux | 6090lm | 3 | 16.98 | 3.85 | 120 | | |
| Efficacy | 63lm/W | 4 | 22.64 | 5.13 | 67 | | |
| G0351-3A | I _{max} =907cd/klm | I _{max} | 5521cd | 5 | 28.29 | 6.42 | 43 |

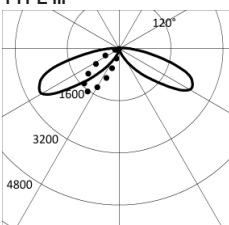


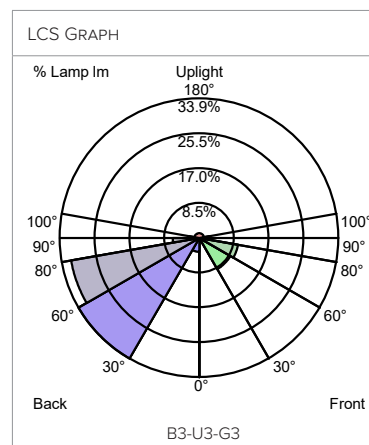
TYPE II

| | | | | | | | |
|---|-----------------------------|------------------|--------|-------|-----------------------|-------|----|
|  | - | H(m) | D1(m) | D2(m) | E _{max} (lx) | | |
| | - | | 45° | 51° | | | |
| Fixture Power | 98W | 1 | 13.33 | 2.50 | 896 | | |
| Source Flux | 5336lm | 2 | 26.66 | 5.00 | 224 | | |
| Fixture Flux | 5338lm | 3 | 40.00 | 7.50 | 100 | | |
| Efficacy | 54lm/W | 4 | 53.33 | 10.01 | 56 | | |
| G0351-1 | I _{max} =846cd/klm | I _{max} | 4517cd | 5 | 66.66 | 12.51 | 36 |



TYPE III

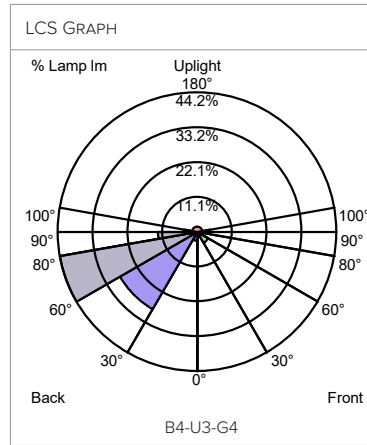
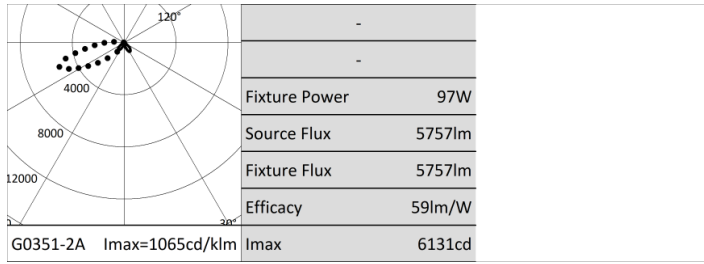
| | | | | | |
|--|-----------------------------|------------------|--------|--|--|
|  | - | | | | |
| | - | | | | |
| Fixture Power | 97W | | | | |
| Source Flux | 5681lm | | | | |
| Fixture Flux | 5681lm | | | | |
| Efficacy | 58lm/W | | | | |
| G0351B | I _{max} =638cd/klm | I _{max} | 3626cd | | |



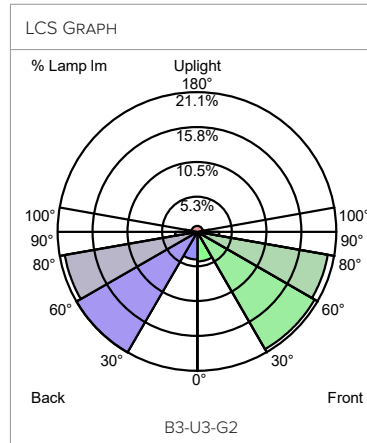
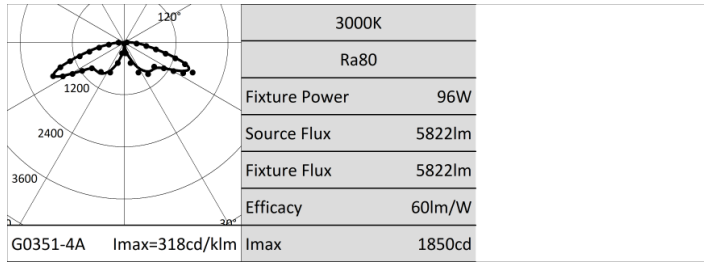
LUCERA™

PHOTOMETRY

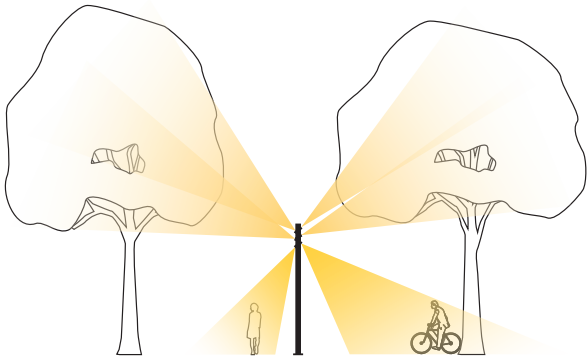
TYPE IV



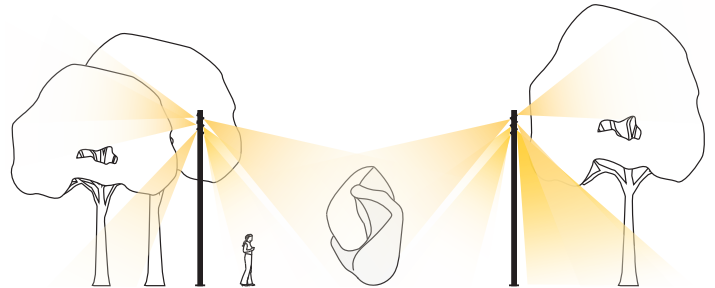
TYPE VS



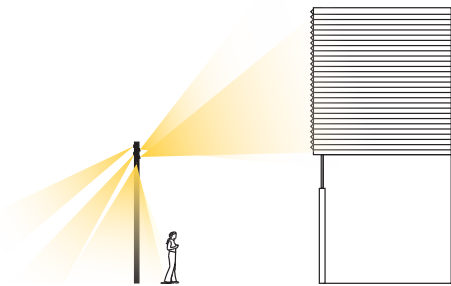
APPLICATION ENVIRONMENTS



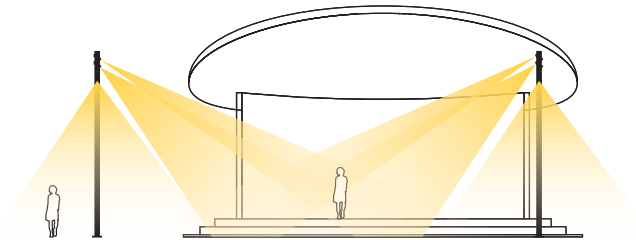
Landscape
Trees and Pathways



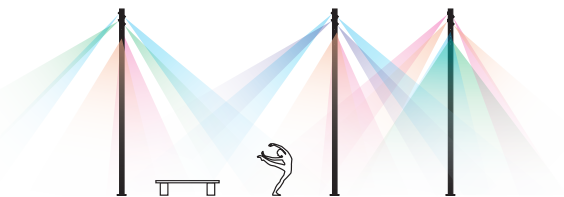
Sculptural
Accent and Ambiance



Streetscape
Pedestrian and Facade



Performance
Stage and Area Lighting



Entertainment
Color Changing Feature Lighting