| PROJECT: | TYPE: | CAT. #: | SS - | - SMA - | - | - | - |
|----------|-------|---------|------|---------|---|---|---|

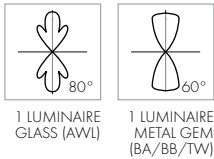## PROFILE

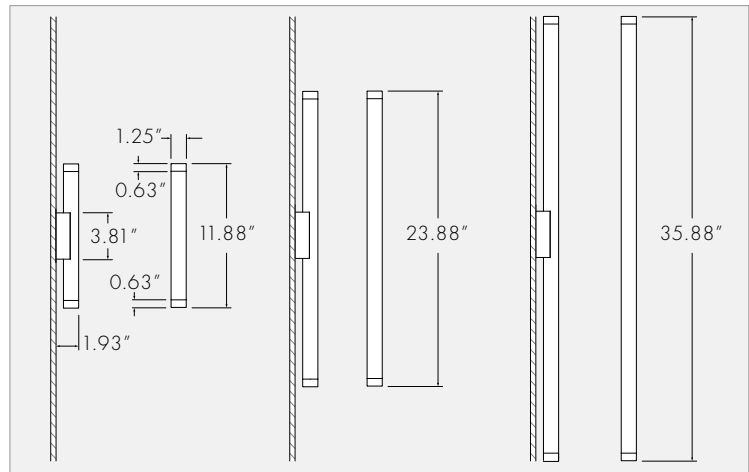| | |
|---|---|
| LIGHT SOURCE | HIGH PERFORMANCE CC LED'S |
| OUTPUT | 8.2 W (4.1 W DIRECT/4.1 W INDIRECT) |
| DISTRIBUTION | DIRECT/INDIRECT WITH OPTIONAL AMBIENT |
| CCT | 2700K - 4000K |
| CRI | 82 CRI |
| VOLTAGE | UNIVERSAL 120-277V |
| POWER | REMOTE POWER SUPPLY |
| CONTROL | 0-10V, LUTRON HI-LUME PREMIER 0.1% ECOSYSTEM W/SOFT ON, FADE TO BLACK |
| SIZES | 12", 24", 36" (NOMINAL) |
| HOUSING | MACHINED ALUMINUM |
| MOUNTING | SURFACE |
| GEM | ALUMINUM, BRASS, OR GLASS |
| FINISH | SILVER ANODIZED, WHITE OR BLACK, CC |
| WARRANTY | 5-YEAR LIMITED |
| CERTIFICATION | ETL AND cETL FOR DRY LOCATION |
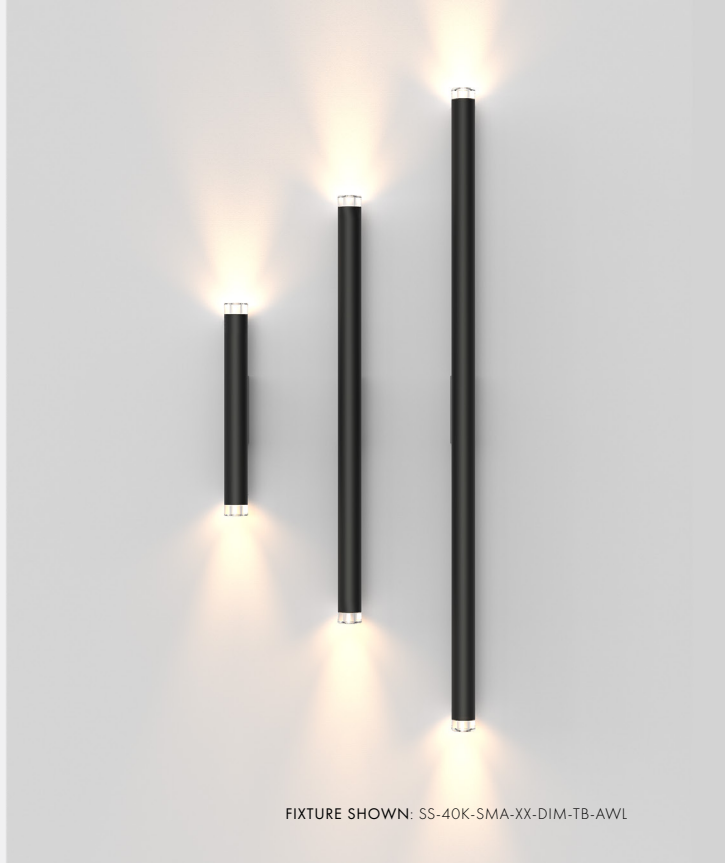
FIXTURE SHOWN: SS-40K-SMA-XX-DIM-TB-AWL

## DISTRIBUTION

| 1 LUMINAIRE GLASS (AWL) 80° | 1 LUMINAIRE METAL GEM (BA/BB/TW) 60° |
|---|---|

## GEMS

| | | |
|---|---|---|
| GLASS (AWL) | SILVER ANODIZED GEM (BA) | BRUSHED BRASS GEM (BB) |
| POWDER COATED TEXTURED WHITE GEM | POWDER COATED TEXTURED BLACK GEM | |

## PROFILE

1.25"
0.63"
3.81"
11.88"
0.63"
1.93"
23.88"
35.88"

## FINISHES

| TEXTURED WHITE | TEXTURED BLACK | SILVER ANODIZED | CUSTOM COLOR |
|---|---|---|---|

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| PROJECT: | | TYPE: | | CAT. #: | SS - | - SMA - | - | - | - |
|---|---|---|---|---|---|---|---|---|---|

## SPECIFICATION

| SS | | SMA | | | | | separate options with dashes |
|---|---|---|---|---|---|---|---|
| [1] | [2] | [3] | [4] | [5] | [6] | [7] |

### [1] FIXTURE

| SCOPE SCONCE | SS |
|---|---|

### [2] CCT

| 2700K | 27K |
|---|---|
| 3000K | 30K |
| 3500K | 35K |
| 4000K | 40K |

### [3] MOUNTING

| SURFACE MOUNT ARCH. | SMA |
|---|---|

### [4] SIZE

| 11.38" | 12 |
|---|---|
| 23.38" | 24 |
| 35.38" | 36 |

### [5] CONTROL

| 0-10V DIMMING | DIM |
|---|---|

one power supply provided for each fixture

| LUTRON | PEQ |
|---|---|

Hi-lume Premier 0.1% EcoSystem w/Soft On, Fade to Black
one power supply provided for every two fixtures

dimming control system to be supplied by others

### [6] LUMINAIRE FINISH

| SILVER ANODIZED | AL |
|---|---|

brushed and silver anodized housing components

| TEXTURED WHITE | TW |
|---|---|
| TEXTURED BLACK | TBL |
| TEXTURED GREY | TG |
| CUSTOM COLOR | CC |

selected finish is used for all parts of the fixture unless an alternative gem option is selected
contact factory for custom color additional charges will apply

### [7] OPTIONS

| AMBIENT WHITE LIGHT | AWL |
|---|---|

a polished crystal gem that has a soft ambient glow
ambient glow is same CCT as previously selected

| SILVER ANODIZED GEM | BA |
|---|---|

machined aluminum with brushed and silver anodized finish
not available with ambient glow

| BRUSHED BRASS GEM | BB |
|---|---|

machined brass with brushed finish
brass is a natural metal and will patina over time
not available with ambient glow

| JBOX MOUNTING KIT | JBK |
|---|---|

cover plate to allow mounting to a single gang junction box

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| PROJECT: | | TYPE: | | CAT. #: | SS - | - SMA - | - | - | - |

## PERFORMANCE

TEST DATA USING 3000K WHITE LIGHT SOURCES

| GEM TYPE | TOTAL WATTAGE | DELIVERED LUMENS | LUMINARE EFFICACY | PEAK CANDELA |
|---|---|---|---|---|
| GLASS (AWL) | 8.2 W | 540 LM | 66 LM/W | 201 |
| BRUSHED BRASS (BB) | 8.2 W | 406 LM | 50 LM/W | 176 |
| SILVER ANODIZED (BA) | 8.2 W | 452 LM | 45 LM/W | 172 |
| TEXTURED WHITE | 8.2 W | 414 LM | 51 LM/W | 179 |
| TEXTURED BLACK | 8.2 W | 268 LM | 32 LM/W | 162 |

## FIXTURES PER 15A CIRCUIT (AT FULL LOAD)

| | 120V | 277V |
|---|---|---|
| SINGLE FIXTURE | 176 | 400 |

## POWER SUPPLIES PER 15A CIRCUIT (AT FULL LOAD)

| | CONTRA 0.5 (96.0 W) | LUTRON (20.0 W) |
|---|---|---|
| 120V | 15 | 30 |
| 277V | 30 | 60 |

## REMOTE DISTANCE LIMITS

| WIRE GAUGE | MAX DISTANCE |
|---|---|
| 22 AWG | 25.0 FT |
| 20 AWG | 40.0 FT |
| 18 AWG | 60.0 FT |
| 16 AWG | 100.0 FT |
| 14 AWG | 150.0 FT |
| 12 AWG | 200.0 FT |

NOTE: NON-COMPLIANCE WITH RECOMMENDED REMOTE WIRING DISTANCES MAY VOID WARRANTY

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PROJECT:                    TYPE:                    CAT. #:    SS -        - SMA -            -            -            -            -

## DIMENSIONS

### SURFACE MOUNT ARCHITECTURAL (SMA)
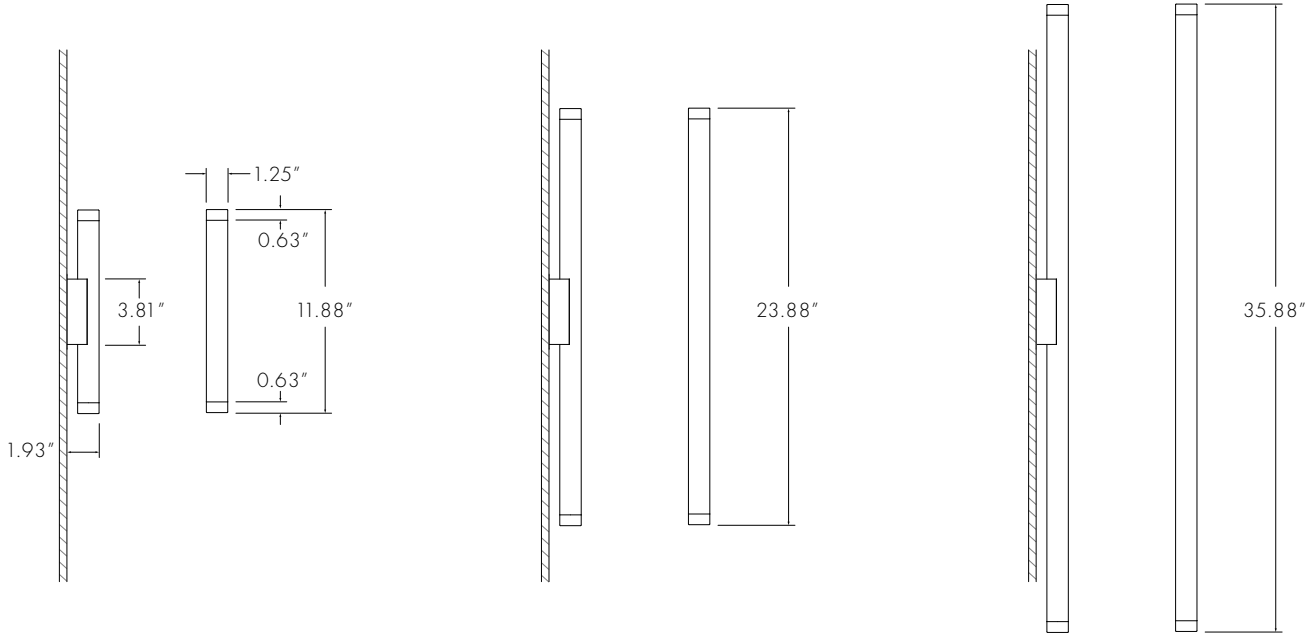


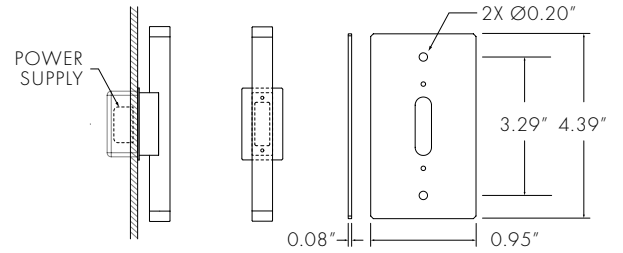### SURFACE MOUNT ARCHITECTURAL WITH OPTIONAL JBOX COVER PLATE (SMA + JBK)

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P.: 505.345.0888 | **insightlighting.com**
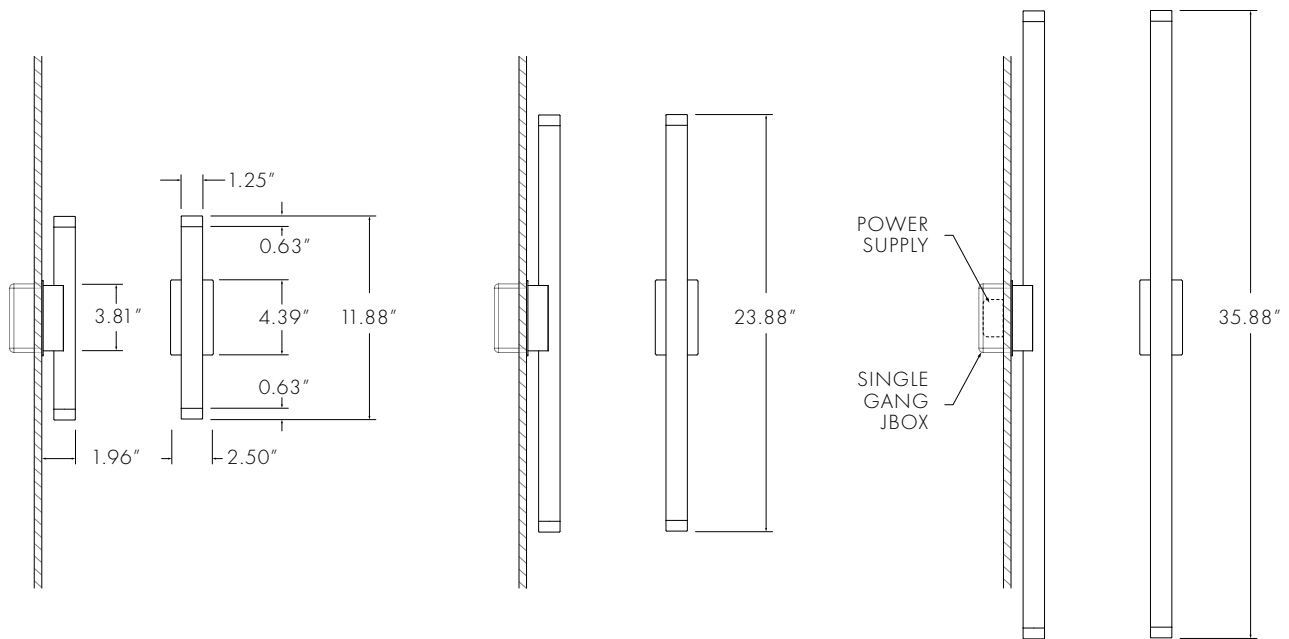
PROJECT:     TYPE:     CAT. #:  SS -   - SMA -     -     -     -

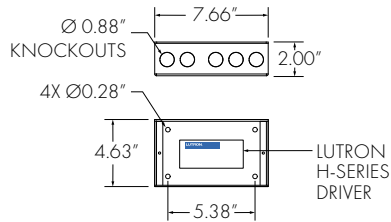## SMA - SURFACE MOUNT ARCHITECTURAL
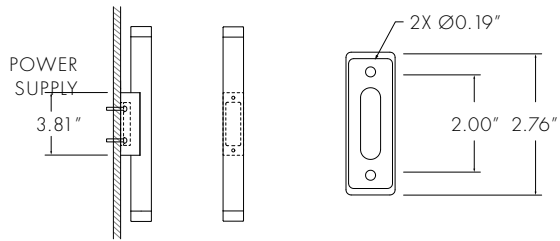


A low-profile back block that mounts directly to a wall to provide a clean and minimal look. For this configuration power supply must be installed remotely in a junction box or similar rated enclosure, and all splicing at fixture must be done in accordance with electrical code.
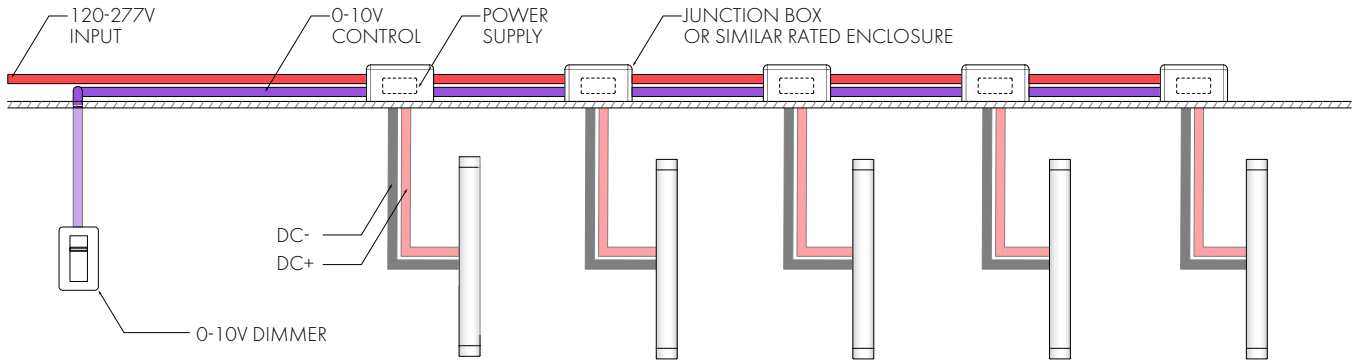
## LUTRON (PEQ) - REMOTE POWER SUPPLY



Remote power supply enclosure. 20.0 W Hi-lume Premier 0.1% EcoSystem w/Soft On, Fade to Black. One power supply provided with every two fixtures.

## JBK - JBOX MOUNTING KIT (OPTIONAL)



Optional cover plate provided allow mounting to single gang junction boxes at power feed location. Power supply to install in single gang junction box. Junction box provided by others. Cover plate finish same as fixture.

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# insight lighting

| PROJECT: | TYPE: | CAT. #: | SS | - | - SMA - | - | - | - |

## WIRING EXAMPLES

### SURFACE MOUNT ARCHITECTURAL (SMA)



- 120-277V INPUT
- 0-10V CONTROL
- POWER SUPPLY
- JUNCTION BOX OR SIMILAR RATED ENCLOSURE
- DC-
- DC+
- 0-10V DIMMER

### JBOX MOUNTING KIT (JBK)



- 120-277V INPUT
- 0-10V CONTROL
- POWER SUPPLY
- 0-10V DIMMER
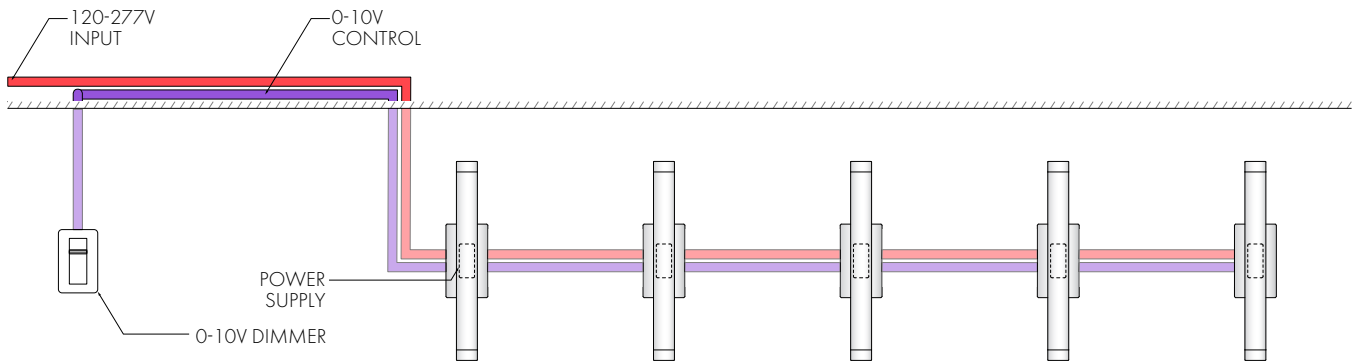
### LUTRON REMOTE POWER SUPPLY & JBOX MOUNTING KIT (LDE1 & JBK)



- 120-277V INPUT
- DC+
- DC -
- LUTRON POWER SUPPLY ENCLOSURE
- 0-10V DIMMER

ONE POWER SUPPLY PROVIDED FOR EVERY TWO FIXTURES

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