

# SIERRA 6500 LED

Illuminating Column

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## DESCRIPTION

The SIERRA column possesses the scale to effectively accent large outdoor spaces with either white light, or with static color changing LED effects. Its simple cylindrical form adds structure to open spaces or complements architecture. Light diffuses uniformly along the full length of the acrylic lens through direct and indirect optical components. The luminaire body is fabricated from high quality extruded aluminum. The extruded aluminum body features a diagonal cut at the transition to the lens. Lamping includes ceramic metal halide or LEDs. Colors can be red, blue, green, or RGB with sequencing or DMX control capability. All hardware is stainless steel.

PROTECTED BY  




Date: \_\_\_\_\_ Type: \_\_\_\_\_ Catalog Number: \_\_\_\_\_

Project Name: \_\_\_\_\_

## ORDERING INFORMATION

| LUMINAIRE (Luminaire- mounting kit ordered separately) |                              |                         |                      |                 |                        |
|--------------------------------------------------------|------------------------------|-------------------------|----------------------|-----------------|------------------------|
| MODEL                                                  | HEIGHT (FT)*                 | CCT                     | CONTROL              | VOLTAGE         | FINISH                 |
| SE6500                                                 | 21<br>21' Rectangular Column | 30K<br>3000K            | DIM<br>0-10v Dimming | UNV<br>120-277v | BL<br>Black            |
| SE6500G                                                |                              | R<br>Red                | DMX-RDM<br>DMX/RDM   |                 | DB<br>Dark Bronze      |
|                                                        |                              | G<br>Green              |                      |                 | DG<br>Dark Grey        |
|                                                        |                              | B<br>Blue               |                      |                 | GG<br>Graphite Grey    |
|                                                        |                              | A<br>Amber              |                      |                 | SG<br>Silver Grey      |
|                                                        |                              | RGBW65K<br>RGBW (6500K) |                      |                 | CC<br>Custom RAL Color |

\*Contact factory for other mounting heights

| MODEL (Mounting Kit, Ordered Separately)                                |
|-------------------------------------------------------------------------|
| SE6500-MK                                                               |
| Mounting kit with 4x Ø 0.75" x 17" x 3" anchor bolts and paper template |

## SPECIFICATIONS

### HOUSING

Cylindrical base with diagonal cut at the transition to the lens is constructed from 0.236" nominal wall, 6082 extruded aluminum tubing. Hand hole cover is plasma cut with kerf not to exceed 1/8" and includes tamper-resistant locking device. Cylindrical lens is impact-resistant matte acrylic. Lens assembly is secured to column with stainless steel socket head cap screws from inside the base. Fabricated aluminum top cap houses the auxiliary reflector and is secured to the lens with three socket head cap screws. Cap is gasketed to create a weather-tight seal to the lens. Nominal column height is 21'.

### OPTICS

Reflector and single aluminum base COB diode is nested within the top of the column shaft at the base of the lens and works in conjunction with secondary reflector elements positioned in the top cap. The narrow beam reflector projects light upward to the top mounted auxiliary reflector which reflects light downward for even illumination of the cylindrical lens. Matte acrylic lens provides soft diffused illumination for accenting.

### ELECTRICAL

Universal driver accepts input voltage range from 120v to 277v at 50/60Hz. Electronic LED driver supplies 1050mA drive current to the single COB LED. Power consumption is 62 watts. Power factor is greater than 0.90. Driver shall be UL Recognized.

### MOUNTING

External flange with anchor bolts and base cover. Column mounts to four hot-dip galvanized anchor bolts (Ø1" x 36" x 4") embedded into concrete foundation (by others). Hardware includes two leveling nuts and washers per bolt. Base cover is fabricated from 0.080" spun aluminum and finished to match luminaire. Anchor bolts may be pre-shipped in advance upon request.

### FINISH

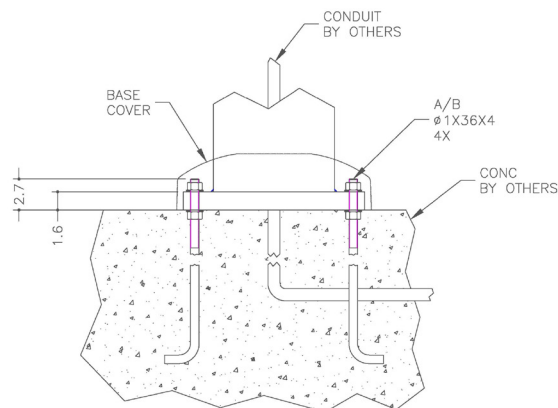
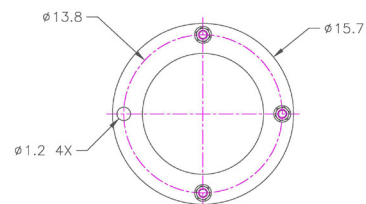
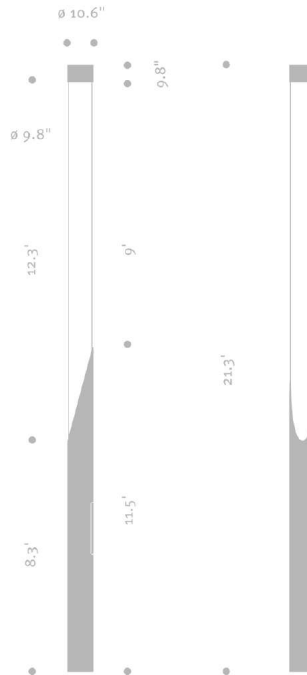
Standard finishes are finely textured matte silver grey metallic, dark grey, graphite grey, matte black, or dark bronze. Special colors available on request.

### WARRANTY

Limited product warranty period including LEDs is five years. Driver shall carry the manufacturer's limited warranty.

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All dimensions are shown in inches unless otherwise noted.



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