

· TYPE \_\_\_\_\_ · DATE \_\_\_\_\_ · PROJECT \_\_\_\_\_

## GRO

Sage Grove — Multi-Purpose Area Light

### Multi-Purpose Area Light

2,000–7,000 lm · 3500 / 4000 / 5000 K selectable · 120–277 VAC · 0–10 V

#### SUGGESTED SPECIFICATION

Install Sage Grove multi-purpose LED area lights in a premium powder-coated die-cast aluminum housing, dark bronze, with a polycarbonate lens and a wireway sealed with a water-tight silicone rubber gasket. Luminaires shall deliver 2,000, 4,000 or 7,000 nominal lumens at 125 to 156 lumens per watt in field selectable 3500 K, 4000 K or 5000 K, CRI above 80, with long-life LEDs rated 149,000 hours to L70 (IES TM-21-11 calculated), and the standard optic shall give an IES roadway type V or a 7V by 7H NEMA floodlight distribution. Drivers shall accept universal 120 to 277 VAC, 50 to 60 Hz, with 0 to 10 VDC dimming standard, power factor above 0.90, total harmonic distortion below 20 percent and 4 kV input transient surge protection, from -40 to 50 °C. A knuckle mount kit shall ship standard; a yoke mount for the 4,000 and 7,000 lumen sizes and a line-voltage ground stake shall be available. Luminaires shall be cULus listed for wet locations, comply with FCC part 15 class A, carry an IK10 lens, be salt-fog tested for 1,000 hours per ASTM B117, and carry a five-year warranty.

#### ELECTRICAL SPECIFICATIONS

Universal 120–277 VAC, 50–60 Hz; 0–10 VDC dimming drivers standard; power factor above 0.90; THD below 20 percent; 4 kV input transient surge protection; -40 to 50 °C ambient. Input current at 120 / 240 / 277 V: 2L 0.13 / 0.07 / 0.06 A, 4L 0.26 / 0.13 / 0.11 A and 7L 0.43 / 0.22 / 0.19 A on the 3500 K rows; the 4000 K rows read 0.13 / 0.06 / 0.05, 0.25 / 0.13 / 0.11 and 0.41 / 0.20 / 0.18 A.

#### LUMEN TABLE — OUTPUT, WATTAGE AND EFFICACY BY SETTING

| Model                 | 3500 K           | 4000 K           | 5000 K           |
|-----------------------|------------------|------------------|------------------|
| GRO-2L · lm / W / lmW | 2,002 · 16 · 125 | 2,179 · 15 · 145 | 2,085 · 16 · 132 |
| GRO-4L · lm / W / lmW | 4,436 · 31 · 142 | 4,696 · 30 · 156 | 4,526 · 31 · 145 |
| GRO-7L · lm / W / lmW | 6,601 · 52 · 126 | 7,170 · 49 · 147 | 6,884 · 51 · 134 |

Photometrics as published: 2L 2,002 lm, 16 W, IES type I, BUG B1-U0-G0; 4L 4,436 lm, 31 W, type VS, B2-U0-G1; 7L 6,601 lm, 52 W, type VS, B2-U0-G1. Effective projected area on the knuckle mount: 2L 0.17 ft² front, 0.07 side, 0.05 face; 4L and 7L 0.54, 0.12 and 0.11 ft²; on the yoke mount, 4L and 7L 0.44, 0.09 and 0.12 ft².

#### PRODUCT DATA · INPUT

|           |                                            |
|-----------|--------------------------------------------|
| AC Input  | 120–277 VAC · 50–60 Hz                     |
| Dimming   | 0–10 VDC standard                          |
| Output    | 2,000 / 4,000 / 7,000 lm nominal           |
| Power     | 15–16 / 30–31 / 49–52 W                    |
| CCT / CRI | 3500 / 4000 / 5000 K selectable · CRI > 80 |
| Optic     | IES type V roadway or 7V × 7H NEMA flood   |
| LED life  | L70 149,000 h                              |

#### FEATURES

- Premium powder-coated die-cast aluminum housing, dark bronze; polycarbonate lens; wireway sealed with a water-tight silicone rubber gasket
- 2,000, 4,000 or 7,000 nominal lumens at 125 to 156 lm/W; 3500 K, 4000 K or 5000 K selectable; CRI above 80
- Standard optic: IES roadway type V or 7V × 7H NEMA floodlight distribution; long-life LEDs, 149,000 h to L70
- Universal 120–277 VAC with 0–10 VDC dimming standard; PF above 0.90; THD below 20 percent; 4 kV surge protection; -40 to 50 °C
- Knuckle mount kit standard; optional yoke mount (4L and 7L) and line-voltage ground stake
- cULus listed for wet locations; FCC part 15 class A; IK10 lens; salt fog tested 1,000 hours per ASTM B117

#### TEMPERATURE

Operating Temperature -40 to 50 °C ambient

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### ORDERING INFORMATION

|                                |                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Size                           | 2L = 2,000 lm · 4L = 4,000 lm · 7L = 7,000 lm                                                                            |
| Color Temperature              | SK = 3500 / 4000 / 5000 K, field selectable                                                                              |
| Operation                      | MV = 120–277 VAC                                                                                                         |
| Accessories (order separately) | yoke mount (4L and 7L) · line voltage ground stake · round canopy mounting plate for a ½" swivel arm on a 4" round J-box |

*Ordering Example: GRO-7L-SK-MV*

### UL CONDITIONS OF ACCEPTABILITY

cULus listed for wet locations. Complies with FCC part 15, class A; IK10 lens; salt fog tested 1,000 hours per ASTM B117 with the paint rated 7 per ASTM D1654-05; 4 kV input transient surge protection.

*NOTE: Factory default 4000 K and the highest lumen output; values by setting per the lumen table.*

*NOTE: Five-year warranty on all electronics and housing.*

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