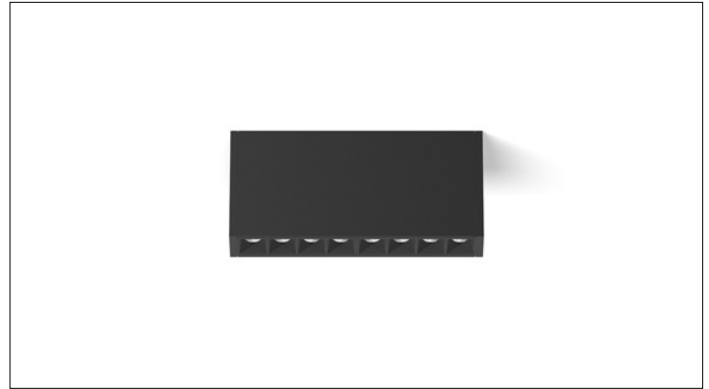


# 3G LIGHTING

## 3G-SMZ8

8 LIGHT SURFACE MOUNT ZOIE



8 Light high performance surface mount with 1" apertures  
 Narrow 1.5" aperture with one piece extruded aluminum housing  
 LED system delivers over 1600lm at 90+ CRI  
 Features matte black or matte white multi-faceted louvers  
 Regressed LED source with enhanced glare control, UGR <16  
 100-1% dimming range standard with integral drivers

|                  |  |              |             |
|------------------|--|--------------|-------------|
| <b>PROJECT:</b>  |  | <b>TYPE:</b> |             |
| <b>CATALOG#:</b> |  | <b>DATE:</b> | <b>QTY:</b> |

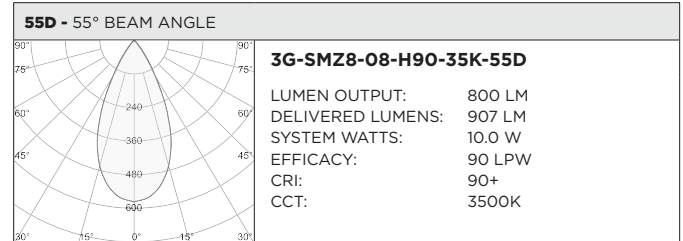
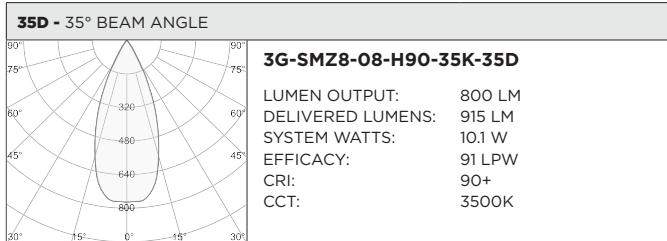
| CAT. NO        | LUMEN OUTPUT                                      | CRI                  | COLOR TEMP   | BEAM ANGLE   | VOLTAGE                                    |
|----------------|---|----------------------|--|--|--|
| <b>3G-SMZ8</b> | <b>08</b> - 800 LUMENS<br><b>16</b> - 1600 LUMENS | <b>H90</b> - 90+ CRI | <b>27K</b> - 2700K<br><b>30K</b> - 3000K<br><b>35K</b> - 3500K<br><b>40K</b> - 4000K | <b>15D</b> - 15°<br><b>35D</b> - 35°<br><b>55D</b> - 55° | <b>UNV</b> - 120/277V<br><b>120</b> - 120V |

| DRIVER  | HOUSING FINISH  | LOUVER FINISH                            |
|---|---|--|
| <b>DIM</b> - 0-10V (100-1%)<br><b>LE</b> - PHASE DIM (TRIAC/ELV, 100-1%) <sup>1</sup><br><b>RD01</b> - REMOTE 0-10V (100-0.1%)<br><b>RDALI</b> - REMOTE DALI (100-1%)<br><b>RDHL2</b> - REMOTE LUTRON HI-LUME<br>(1% ECOSYSTEM) | <b>WH</b> - WHITE TRIM<br><b>BK</b> - BLACK TRIM<br><b>SV</b> - SILVER TRIM | <b>WLV</b> - WHITE<br><b>BLV</b> - BLACK |

<sup>1</sup> Forward Phase/ Reverse Phase driver available in 120V only

BASED ON 35°, 90+ CRI AND 3500K SOURCE

| LUMEN OUTPUT     | COLOR TEMP | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
|------------------|------------|------------------|--------------|----------------|
| 16 - 1600 LUMENS | 27K        | 1390             | 19.2         | 72             |
|                  | 30K        | 1586             | 19.2         | 83             |
|                  | 35K        | 1612             | 19.2         | 84             |
|                  | 40K        | 1645             | 19.2         | 86             |

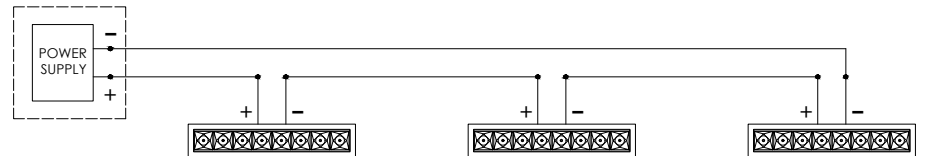
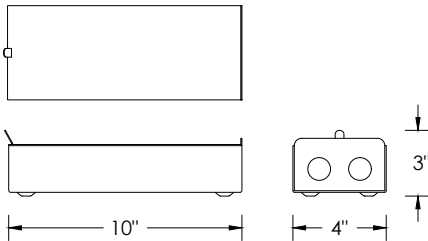


**REMOTE POWER SUPPLY OPTIONS**

| 3G DRIVER CODE | DIMMING METHOD               | DIMMING RANGE | VOLTAGE  | MAX. DISTANCE | 3G-SMZ4 (9.6W) | 3G-SMZ8 (19.2W) | 3G-SMZ12 (28.5W) |
|----------------|------------------------------|---------------|----------|---------------|----------------|-----------------|------------------|
| RDIM           | 0-10V                        | 100-1%        | 120-277V | 100ft (12AWG) | 1 to 4         | <b>1 to 2</b>   | 1                |
| RDHL2          | LUTRON HI-LUME LDE ECOSYSTEM | 100-1%        | 120-277V | 100ft (12AWG) | 2 to 4         | <b>1 to 2</b>   | 1                |
| RDALI          | DALI ELDOLED                 | 100-1%        | 120-277V | 100ft (12AWG) | 1 to 4         | <b>1 to 2</b>   | 1                |
| RD01           | 0-10V ELDOLED                | 100-0.1%      | 120-277V | 100ft (12AWG) | 1 to 4         | <b>1 to 2</b>   | 1                |

**REMOTE POWER SUPPLY ENCLOSURE**

**WIRING DIAGRAM**



Multiple Zoie fixtures must be connected in series

**HOUSING**

Extruded aluminum housing with narrow 1.5" aperture  
Machined aluminum end caps  
Standard polyester powder coated housing finish available in matte white, black, and silver  
Matte black and matte white faceted louver finishes

**OPTICS**

1" apertures with regressed LED source for enhanced glare control  
Proprietary polycarbonate multi-faceted reflectors  
Available in 15°, 35° and 55°  
UGR <16

**LISTING**

ETL listed and conforms to UL1598 standard. Certified to CSA22.2 No.250.0. Rated for indoor locations

**WARRANTY**

5 year warranty on LED and drivers  
Manufacturer 1 year warranty for defects in material and workmanship under normal use  
Ambient temperature at fixture should not exceed 25°C

**ELECTRICAL**

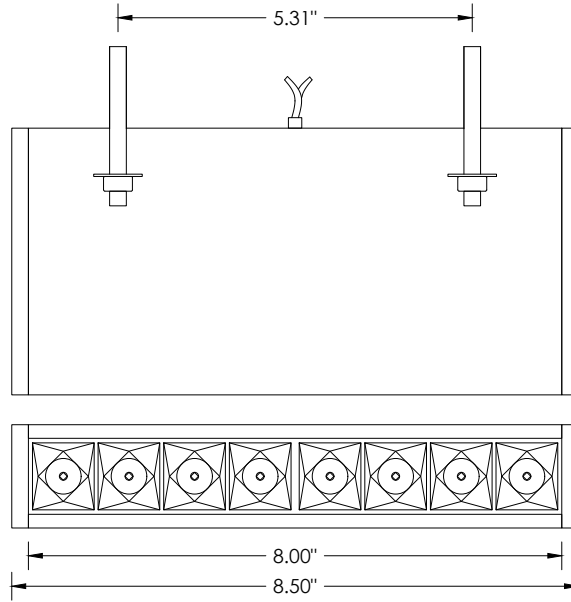
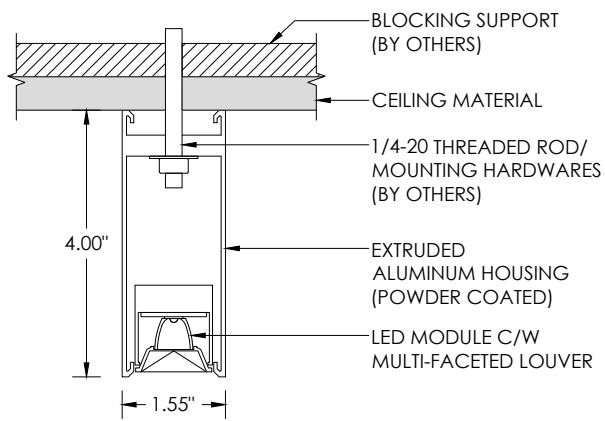
Remote 0-10V, constant current driver with 100-1% dimming range  
Remote 0-10V, constant current driver with 100-0.1% dimming range  
Remote 120V, Lutron Forward Phase driver option with 100-1% dimming range  
Remote Lutron EcoSystem and eldoLED DALI options (100-1% dimming)

**LED SYSTEM**

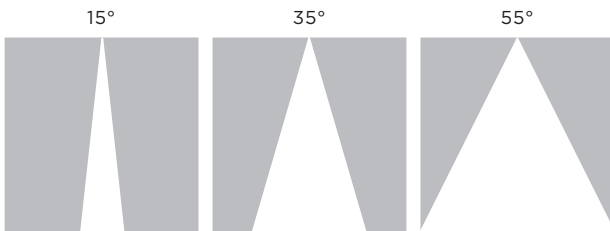
Osram LED source  
Color consistency <2 SDCM  
Standard 90+ CRI  
Available in 27K, 30K, and 35K  
L90 >60,000 hours  
5 year warranty

**MOUNTING**

Suitable for surface mounted applications  
Suitable for drywall, concrete, wood, grid ceiling, and other architectural ceilings  
Fixture mounts to a standard, 2" x 4" slotted junction box (by others)  
Fixture suspended via 1/4"-20 threaded rod (by others)  
Universal mounting kits provided for various ceiling types



**BEAM ANGLE**



**MOUNTING DETAILS**

