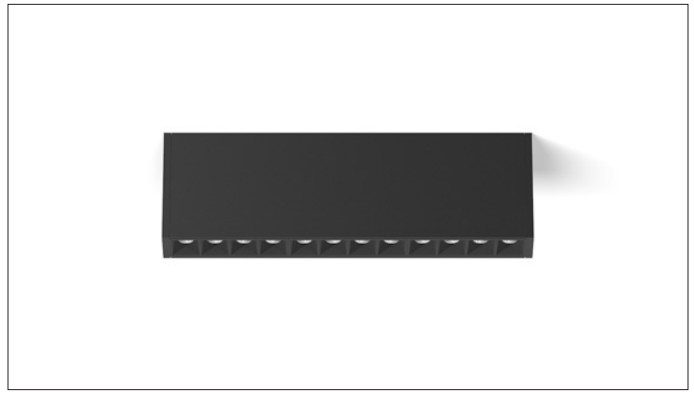




## 3G-SMZ12

12 LIGHT LINEAR SURFACE MOUNT ZOIE



12 Light high performance surface mount with 1" apertures  
 Narrow 1.5" aperture with one piece extruded aluminum housing  
 Regressed LED source with enhanced glare control, UGR <16  
 LED system delivers over 800lm at 90+ CRI  
 Features matte black or matte white multi-faceted louvers

### ORDERING INFORMATION

<b>PROJECT:</b>	<input type="text"/>	<b>TYPE:</b>	<input type="text"/>
<b>CATALOG #:</b>	<input type="text"/>	<b>DATE:</b>	<input type="text"/>

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE	VOLTAGE
<b>3G-SMZ12</b>	<b>12</b> - 1200 LUMENS	<b>H90</b> - 90+ CRI	<b>27K</b> - 2700K	<b>15D</b> - 15°	<b>UNV</b> - 120/277V <b>120</b> - 120V
	<b>24</b> - 2400 LUMENS		<b>30K</b> - 3000K	<b>35D</b> - 35°	
			<b>35K</b> - 3500K	<b>55D</b> - 55°	
			<b>40K</b> - 4000K		

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

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

JUNE 16, 2021



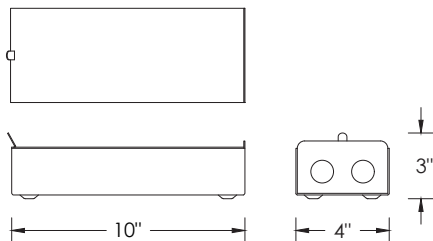
### PERFORMANCE CHART BASED ON 35° 90+CRI AND 3500K SOURCE

LUMEN OUTPUT	COLOR TEMP	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
24 - 2400 LUMENS	27K	684	9.6	71
	30K	745	9.6	78
	35K	822	9.6	86
	40K	838	9.6	88

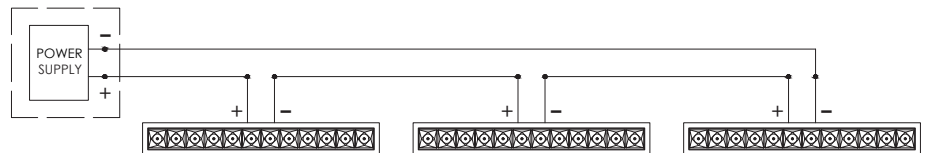
### REMOTE POWER SUPPLY OPTIONS

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 ELDOLED	100-1%	120-277V	100ft (12 AWG)	1 to 4	1 to 2	1
RDHL2	LUTRON HI-LUME LDE ECOSYSTEM	100-1%	120-277V	100ft (12 AWG)	2 to 4	1 to 2	1
RDALI	DALI ELDOLED	100-1%	120-277V	100ft (12 AWG)	1 to 4	1 to 2	1
RLTEA	LUTRON HI-LUME FORWARD PHASE	100-1%	120V	100ft (12 AWG)	2 to 3	1	1
RD01	0-10V ELDOLED	100-0.1%	120-277V	100ft (12 AWG)	1 to 4	1 to 2	1

### REMOTE POWER SUPPLY ENCLOSURE



### WIRING DIAGRAM



Multiple Zoie fixtures must be connected in series

**TECHNICAL****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 60°  
UGR <16

**ELECTRICAL**

Standard 0-10V, constant current driver with 100-1% dimming range and >0.9 power factor  
120V Forward Phase/Reverse Phase driver option with 100-1% dimming range  
Standard 120/277V universal voltage drivers  
All drivers are integral and easily accessible through luminaire aperture

**LED SYSTEM**

Osram LED source  
Color consistency <2 SDCM  
Standard 90+ CRI  
Available in 27K, 30K, 35K, and 40K  
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

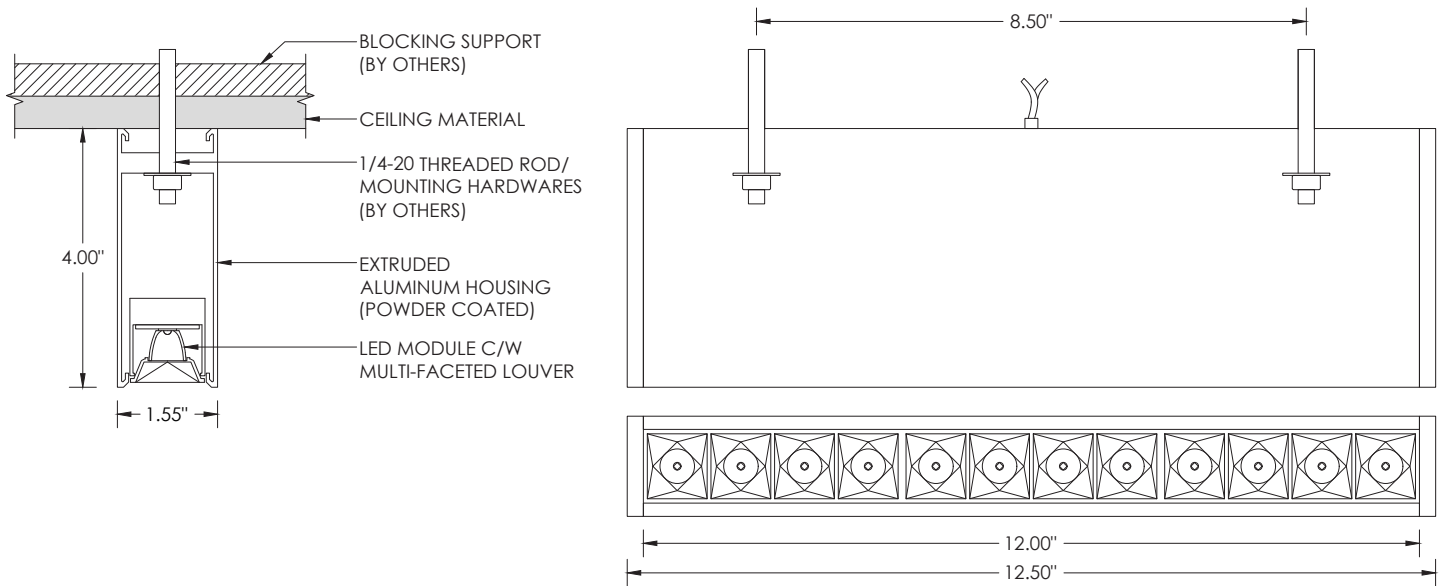
**LISTING**

ETL listed and tested to cUL standards. Suitable for dry and damp for indoor use only

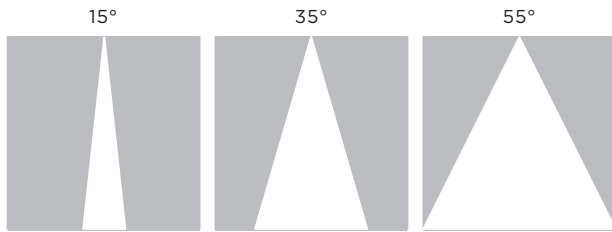
**WARRANTY**

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

### DRAWINGS AND DIMENSIONS



### BEAM ANGLE



### MOUNTING DETAILS

