

3G LIGHTING

3G-SM1

1 LIGHT MADISON
SURFACE MOUNTED

Extruded aluminum housing with fabricated mitered corners
Housing design features a beveled edge with no visible hardware
Machined aluminum double gimbals. Adjustable and lockable
2.75" Regressed LED source for enhanced glare control
Lumen range up to 5000lm (80+, 90+, and 97+ CRI options)
Adjustable aircraft cable suspension
1% dimming standard with integral drivers



ORDERING INFORMATION

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

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE	VOLTAGE
3G-SM1	10 - 1000 LUMENS	S80 - 80+ CRI	27K - 2700K	10D - 10° ³	UNV - 120/277V
	15 - 1500 LUMENS	H90 - 90+ CRI ²	30K - 3000K	20D - 20°	120 - 120V
	22 - 2200 LUMENS	H97 - 97+ CRI ²	35K - 3500K	40D - 40°	347 - 347V
	30 - 3000 LUMENS		40K - 4000K	60D - 60°	(0-10V ONLY)
	40 - 4000 LUMENS			90D - 90°*	
	50 - 5000 LUMENS ¹				

* 90D reflector supplied standard with lens

DRIVER	GIMBAL FINISH	HOUSING	OPTIONS
DIM - 0-10V (STANDARD 100-1%)	NG - NATURAL (STANDARD)	BK - BLACK	CDF - CONDUIT FEED
LE - PHASE DIMMING ⁴ (TRIAC/ELV, 100-1%)	BG - BLACK	WH - WHITE	SF70 - SOFTENING LENS
D01 - 0-10V (eidoLED, 100-0.1%)	WG - WHITE	SV - SILVER	LS70 - LINEAR SPREAD LENS
DALI - DALI (eidoLED, 100-1%) ⁵		CF - CUSTOM	SB70 - SANDBLASTED LENS
DHL2 - LUTRON HI-LUME LDE1 (1% ECOSYSTEM)			HXB70 - BLACK HEXCELL LOUVER
DMX - DMX (eidoLED, 100-0%)			
		Housing interior & exterior will be powder coated the same color	Maximum 3 optical accessories. See optical accessories page for more options

¹ 5000lm option not available with phase dimming (LE) or Lutron Hi-Lume (DHL2) option
² 90+ CRI available up to 4000lm. 97+ CRI in 30K and 35K as standard and available up to 3000lm
³ 10 degree reflector available up to 2200lm
⁴ Forward Phase/Reverse Phase driver available in 120V only
⁵ DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

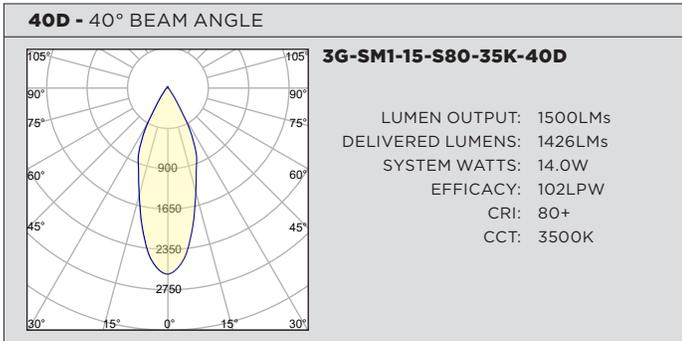
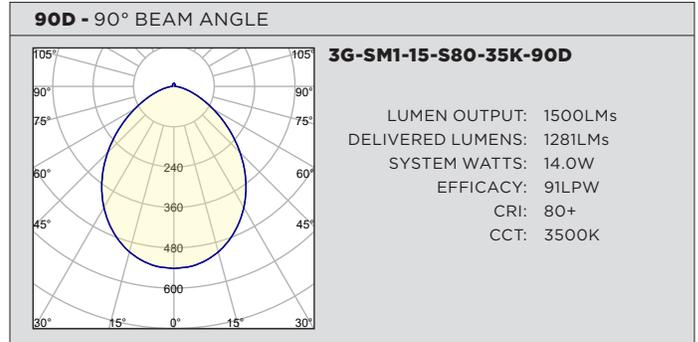
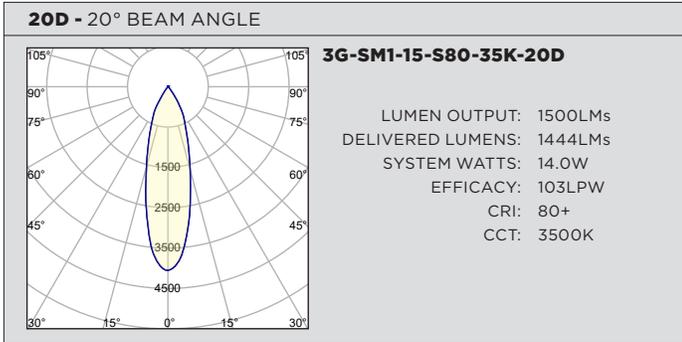
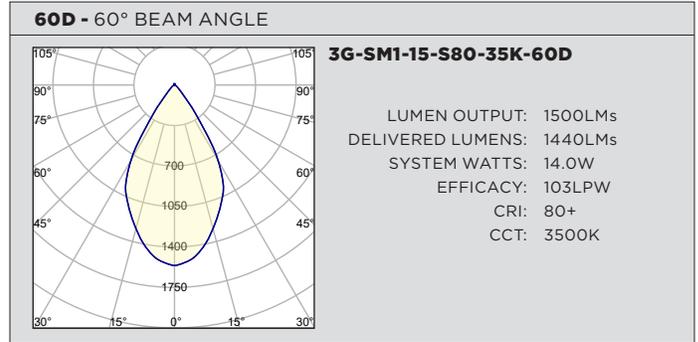
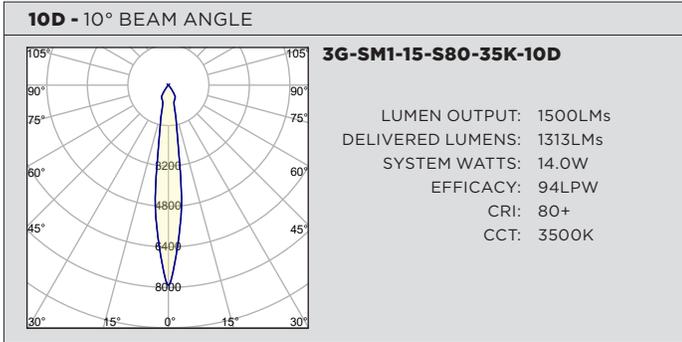
SEPTEMBER 15, 2020

PERFORMANCE CHART BASED ON 20° BEAM AND 3500K SOURCE

LUMEN OUTPUT	80+ CRI			90+ CRI			97+ CRI		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000LMs	1080	10.3	105	951	10.3	92	886	10.3	86
1500LMs	1444	14.0	103	1271	14	91	1184	14	85
2200LMs	2089	22.0	95	1838	22	84	1713	22	78
3000LMs	2815	31.3	90	2477	31.3	79	2308	31.3	74
4000LMs	3958	43.0	92	3483	43	81	N/A	N/A	N/A
5000LMs	4207	47.3	89	N/A	N/A	N/A	N/A	N/A	N/A

LUMEN OUTPUT ADJUSTMENT FACTORS	CCT	Multiplier
	2700K	0.945
	3000K	0.985
	3500K	1.00
	4000K	1.01

PHOTOMETRY



TECHNICAL**HOUSING**

- Extruded aluminum housing with fabricated mitered corners
- Housing design features a beveled edge with no visible hardware
- Integral driver compartment fabricated in cold rolled steel
- Standard polyester powder coated interior and exterior available in matte white, matte black, and matte silver

ADJUSTABILITY

- Solid aluminum, 70mm machined double gimbals with dual axis adjustability (45°x45°)
- Each double gimbal can be locked into place

OPTICS

- Regressed LED source for enhanced glare control
- Proprietary anodized, aluminum reflectors are field replaceable (10° reflector not interchangeable)
- Available in 10°, 20°, 40°, 60°, and 90°
- Fixture head designed to accept 3 optical accessories

ELECTRICAL

- Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor
- Standard 120/277V universal voltage drivers. Optional 347V, 0-10V drivers
- 120V Forward Phase/Reverse Phase driver option with 100-1% dimming range
- eldoLED 0-10V driver option available with 100-0.01% dimming range
- eldoLED DALI and Lutron EcoSystem driver options available with 100-1% dimming range
- DMX driver option available with 100-0% dimming range
- All drivers are integral and easily accessible through the top of the fixture housing

LED SYSTEM

- Citizen LED module (field replaceable)
- Color consistency <2 SDCM
- Standard (80+ CRI). Optional (90+ and 97+ CRI)
- Available in 27K, 30K, 35K, and 40K
- L90 >50,000 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 junction box
- Optional conduit feed available

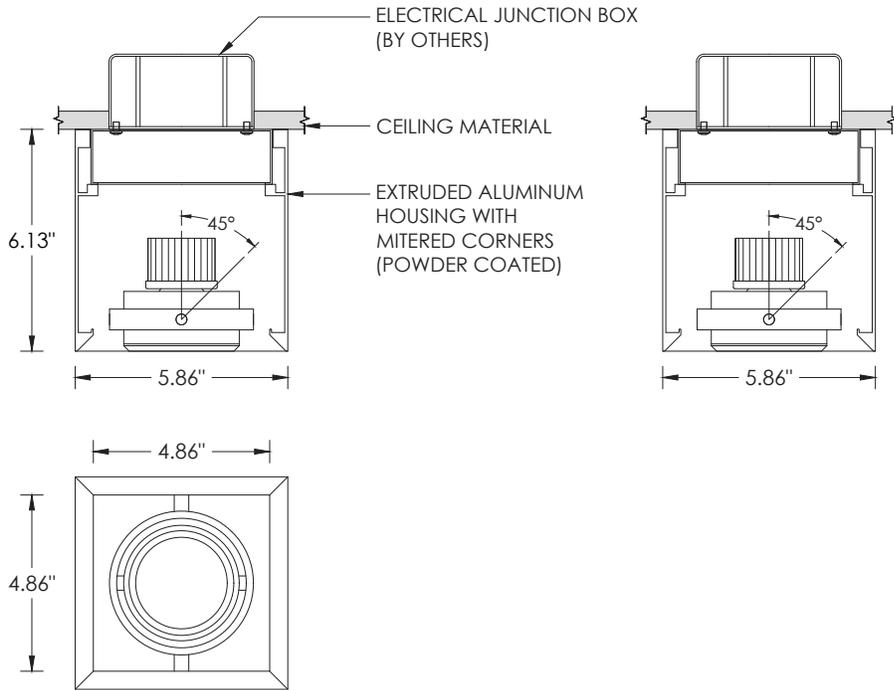
LISTING

- ETL listed and tested to cUL standards. Suitable for dry and damp locations

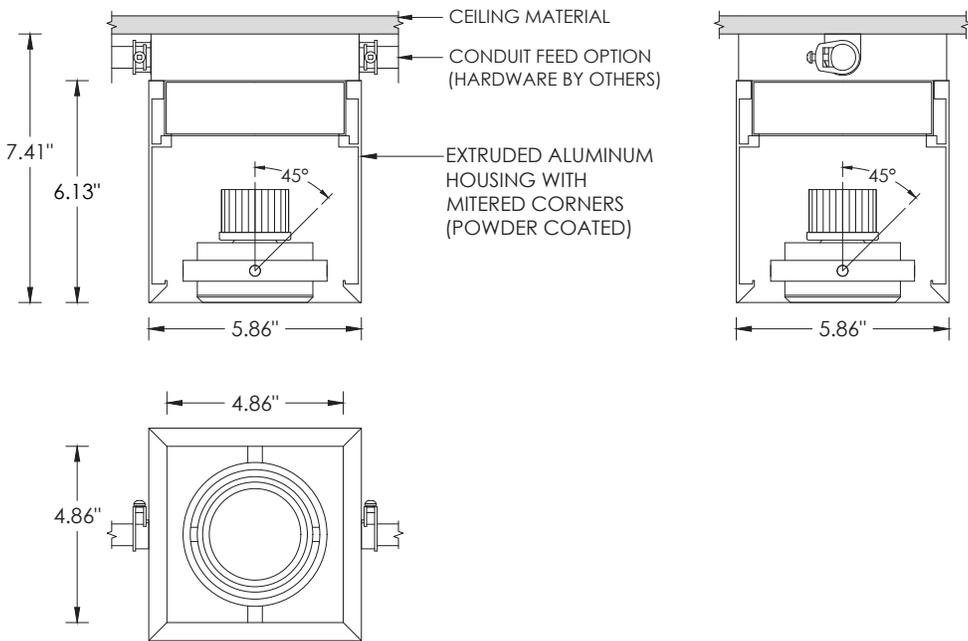
WARRANTY

- 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

DRAWINGS AND DIMENSIONS STANDARD JUNCTION BOX



DRAWINGS AND DIMENSIONS CONDUIT FEED OPTION



LED ADJUSTABILITY

Up to 2200lm	45°x45°
3000lm/4000lm	45°x35°
5000lm	45°x20°