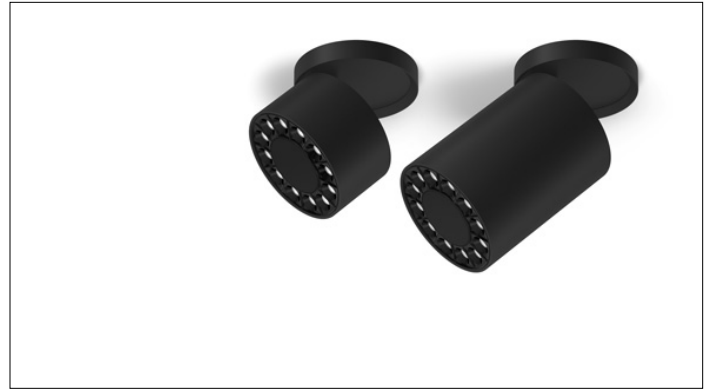


# 3G LIGHTING

## 3G-SDZ45RA

4.5" ADJUSTABLE ZOIIE CYLINDER  
3" AND 7" HEIGHT



4.5" diameter adjustable Zoie cylinder with 0-90° tilt and 360° rotation  
Companion to 3G-DZ45R Round Zoie Downlight  
Regressed LED source provides maximum visual comfort, UGR <10  
High gloss black or white louvers with proprietary optics and no glare  
Extruded aluminum housing with powder coated finish  
Lumen range from 1000lm to 2500lm (80+ and 90+ CRI options)  
100-1% dimming range standard with integral driver options

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

CAT. NO	FIXTURE HEIGHT	LUMEN OUTPUT	CRI	COLOR TEMP
3G-SDZ45RA	3H - 3" HEIGHT	10 - 1000 LUMENS	S80 - 80+ CRI	27K - 2700K <sup>2</sup>
	7H - 7" HEIGHT	15 - 1500 LUMENS 20 - 2000 LUMENS 25 - 2500 LUMENS <sup>1</sup>	H90 - 90+ CRI	30K - 3000K 35K - 3500K 40K - 4000K <sup>2</sup>

Lumen outputs are delivered lumens based on 80+ CRI, 3000K source. See performance chart for all options

BEAM ANGLE	VOLTAGE	DRIVER	HOUSING FINISH	LOUVER FINISH
20D - 20° 40D - 40° 60D - 60°	UNV - 120/277V 120 - 120V	DIM - 0-10V (STANDARD 100-1%) LE - PHASE DIM (TRIAC/ELV, 100-1%) <sup>3</sup>	BK - BLACK TRIM WH - WHITE TRIM SV - SILVER TRIM	BLV - BLACK WLV - WHITE

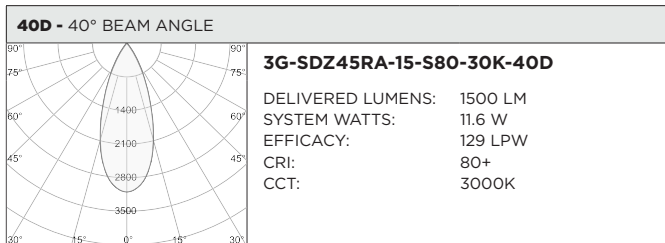
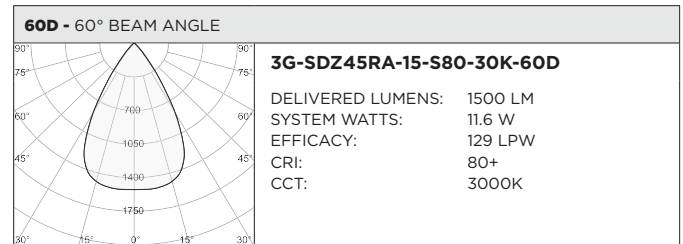
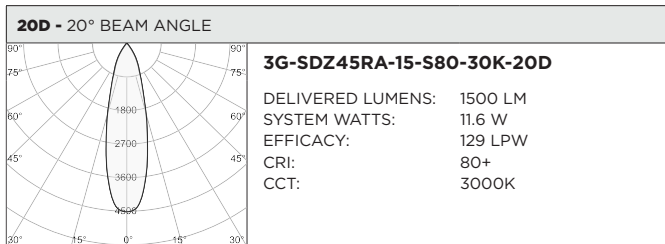
OPTIONS
CFB - BLACK CONDUIT FEED CANOPY CFW - WHITE CONDUIT FEED CANOPY CFS - SILVER CONDUIT FEED CANOPY EMR - EMERGENCY BATTERY (REMOTE) <sup>4</sup>

<sup>1</sup> 2500lm not available with 90CRI  
<sup>2</sup> 2700K only available in 90CRI and 4000K only available in 80CRI  
<sup>3</sup> Phase dimming options available in 120V only  
<sup>4</sup> Emergency battery installed remotely by others. Not accessible through the inside of the fixture

BASED ON 40° BEAM ANGLE, 80CRI AND 3000K SOURCE

80+ CRI			90+ CRI		
DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	7.5	133	1000	9.3	107
1500	11.6	129	1500	14.3	105
2000	17.1	129	2200	22.0	100
2500	26.0	115	3000	33.6	89

LUMEN OUTPUT MULTIPLIER FOR 80CRI: 27K=N/A, 30K=1.00, 35K=0.98, 40K=1.06  
LUMEN OUTPUT MULTIPLIER FOR 90CRI: 27K=0.80, 30K=0.85, 35K=0.86, 40K=N/A



**HOUSING**

Extruded aluminum housing with powder coated finish  
Twist and lock construction with no visible hardware  
Adjustable housing with 0-90° tilt and 360° rotation features proprietary swivel mechanism

**OPTICS**

4.5" aperture with regressed LED source for maximum visual comfort  
High gloss black or white louvers with proprietary optics and no glare  
Polycarbonate multi-faceted reflectors  
Available in 20°, 40° and 60°  
UGR <10

**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**

Standard 0-10V, constant current drivers 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 with several driver options  
All drivers are integral and easily accessible through luminaire aperture  
3" and 7" models include 0-10V drivers that operate only with dimmers that sink current (not designed for source current)  
Compatible 0-10V dimmers for all 3" and 7" height models listed below:  
**Lutron** NFTV, **Lutron** DDTV , **Lutron** DVSTV, **Lutron** VIVE RMJS-8TN, **Leviton** IP710-DLZ, **Philips** SR1200ZTUNV, **Cooper** SF10P

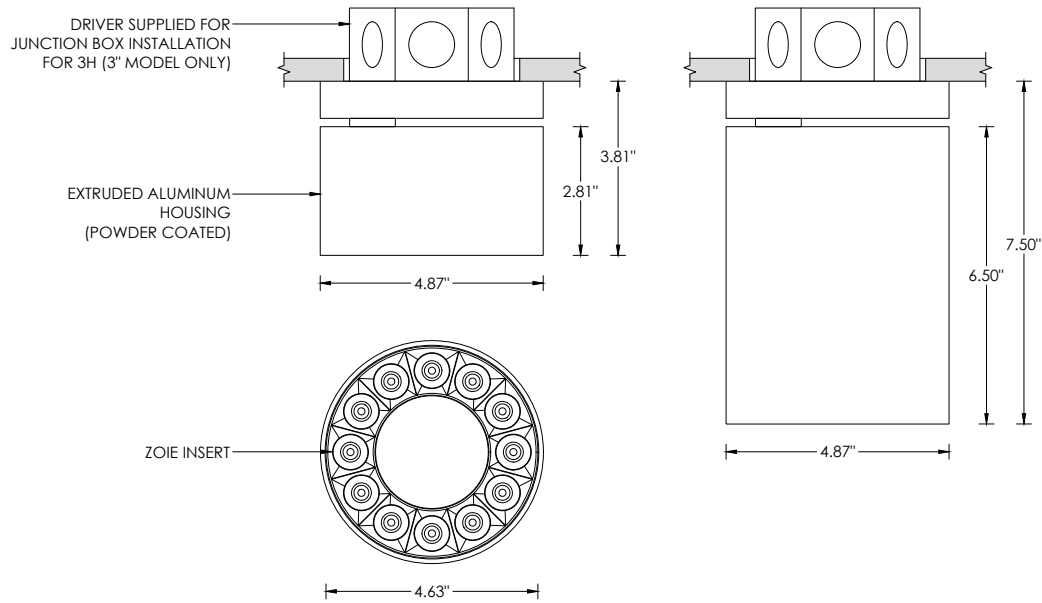
**LED SYSTEM**

Osram LED source  
Color consistency <2 SDCM  
80+ and 90+ CRI  
Available in 27K, 30K, 35K, and 40K  
L90 >60,000 hours  
5 year warranty

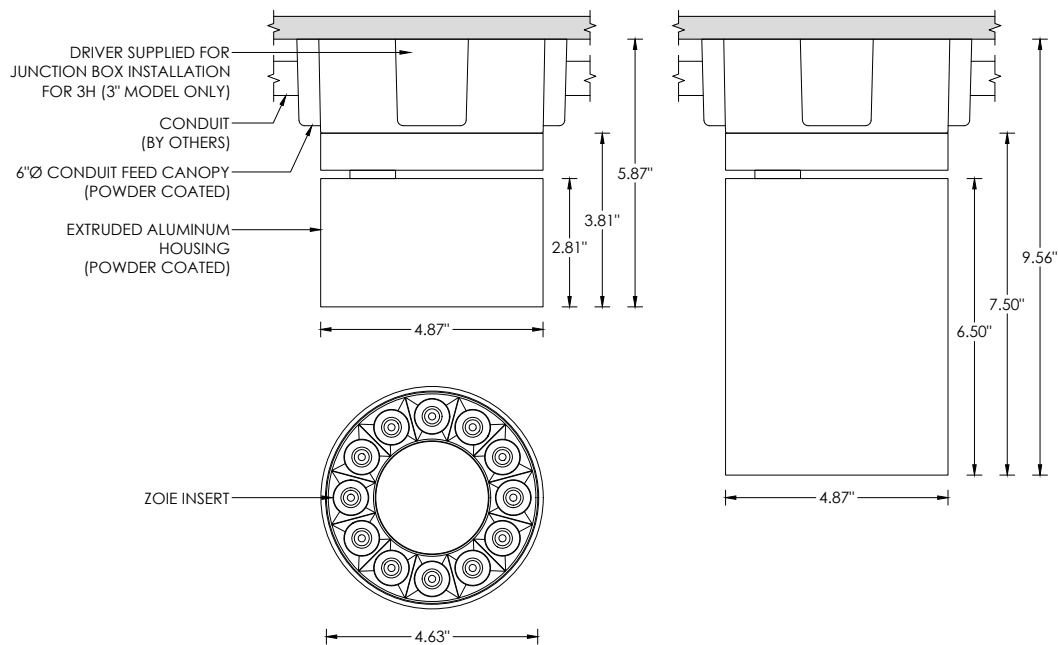
**MOUNTING**

All hardware included for mounting to 4" octagonal junction box  
Twist and lock mechanism  
Conduit feed cut-out canopy option designed to mount to 4" octagonal junction box

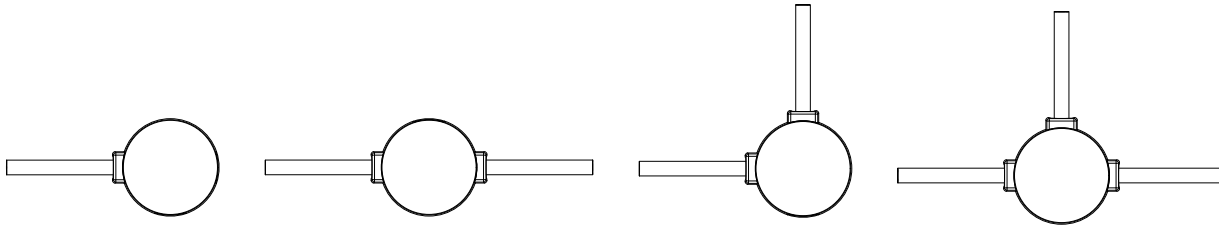
**RECESSED 4" OCTAGONAL JUNCTION BOX BY OTHERS**  
STANDARD CANOPY MOUNT



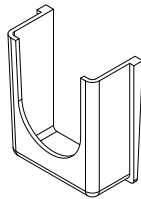
**RECESSED 4" OCTAGONAL JUNCTION BOX BY OTHERS**  
SEAMLESS CANOPY MOUNT (FXC OPTION) FOR NEW CONSTRUCTION ONLY



**CONDUIT FEED CANOPY MOUNTING OPTIONS**



CONDUIT COVER  
3 PROVIDED WITH EACH  
CONDUIT FEED CANOPY



BLANK  
2 PROVIDED WITH EACH  
CONDUIT FEED CANOPY

