

# 3G-PDZ45R

4.5" ZOIE CYLINDER 7" AND 11" HEIGHT

4.5" diameter high performance Zoie cylinder 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 Twist and lock construction and no visible hardware Lumen range from 1000lm to 3000lm (80+ and 90+ CRI options) 100-1% dimming range standard with integral driver options



PROJECT:				TYPE:			
CATALOG#:				DATE:		QTY:	
FIXTURE H	EIGHT	LUMEN OUTPUT (DELIVERED LUMENS)		CRI		COLOR TEMP	
		10 - 1000 LUMENS 15 - 1500 LUMENS 20 - 2000 LUMENS 25 - 2500 LUMENS 30 - 3000 LUMENS <sup>1</sup>				27K - 2700K <sup>2</sup> 30K - 3000K 35K - 3500K 40K - 4000K <sup>2</sup>	
with 90+CRI opt	ion						
VOLTAGE	AGE DRIVER			HOUSING FINISH		LOUVER FI	NISH
120 - 120V	- 120V - 347V <sup>3</sup> LE - PHASE DIM (TRI/ D01 - 0-10V (100-0.1%) DALI - DALI (100-1%) <sup>5</sup> DHL2 - LUTRON HI-LUN DMX - DMX (100-0%) *		1Е (1% ecosystem)	BK - BLACK WH - WHITE SV - SILVER			
	SUSPENSION TYPE		SUSPENSION LENGTH		OPTIONS		
BCN - BLACKBC - BLACKSCN - SILVERRSW - WHITECFW - WHITE CONDUIT FEEDRSB - BLACK		CK CABLE TE RIGID STEM CK RIGID STEM	C60 - 60" CABLE C120 - 120" CABLE S48 - 48" STEM S96 - 96" STEM		EMR - EMERGENCY BATTERY <sup>6</sup> (REMOTE)		
	7H - 7" HEI( 11H - 11" HEI) *7H available up with 90+CRI opt (DIM, LE, DOI an drivers only) VOLTAGE UNV - 120/2 120 - 120/2 120 - 120/2 347 - 347/2 T FEED T FEED T FEED	VOLTAGE       UNV - 120/277V       120 - 120V       347 - 347V <sup>3</sup> SUSPENSIC       WC - WHI       BC - BLA       RSW - WHI       RSB - BLA       RSS - SILV	<b>7H</b> - 7" HEIGHT * <b>1IH</b> - 11" HEIGHT <b>10</b> - 1000 LUMENS <b>15</b> - 1500 LUMENS <b>20</b> - 2000 LUMENS <b>20</b> - 2000 LUMENS <b>20</b> - 2000 LUMENS <b>20</b> - 2000 LUMENS <b>20</b> - 3000 LUMENS <b>20</b> - 3000 LUMENS <b>30</b> - 3000 LUMENS <b>10</b> - 1020/277V <b>10</b> - 0-10V (100-1%)     LE <b>10</b> - 0-10V (100-0.1%) <b>D1</b> - 0-10V (100-0.1%) <b>D2</b> - 120V <b>347</b> - 347V <b>3 D1M</b> - 0-10V (100-0.1%) <b>D4LI</b> - DALI (100-1%) <b>5 DHL2</b> - LUTRON HI-LUN <b>DMX</b> driver only available with rigic <b>SUSPENSION TYPE</b> WC - WHITE CABLE     BC - BLACK CABLE <b>RSW</b> - WHITE RIGID STEM <b>RSB</b> - BLACK RIGID STEM <b>RSS</b> - SILVER RIGID STEM <b>RSS</b> - SILVER RIGID STEM	7H - 7" HEIGHT *     1H - 11" HEIGHT     10 - 1000 LUMENS     20 - 2000 LUMENS     30 - 3000 LUMENS     110 - 100 (100-1%)     Lumen outputs are delivered lumens based on 80+ CRI, 3000K source. See performance chart for all options     VOLTAGE   DIM - 0-10V (100-1%)     LE - PHASE DIM (TRIAC/ELV, 100-1%) 4     D01 - 0-10V (100-1%)     LE - PHASE DIM (TRIAC/ELV, 100-1%) 4     D14 - 0-10V (100-0%) 5     DHL2 - LUTRON HI-LUME (1% ECOSYSTEM)     DMX - DMX (100-0%) *     'DMX driver only available with rigid stem suspension     DY   C60 - 60" CABLE  <	FIXTURE HEIGHT   LUMEN OUTPUT (DELIVERED LUMENS)   CRI     7H - 7" HEIGHT *   10 - 1000 LUMENS   \$80 - 80+ 0     11H - 11" HEIGHT   15 - 1500 LUMENS   20 - 2000 LUMENS     20 - 2000 LUMENS   25 - 2500 LUMENS   30 - 3000 LUMENS     25 - 2500 LUMENS   30 - 3000 LUMENS '   H90 - 90+ 0     "7H available up to 2500im with 90-CRI option   Lumen outputs are delivered lumens based on 80+ CRI, 3000K source. See performance chart for all options   HOUSING F     VOLTAGE   DRIVER   HOUSING F   BK - BLACK     UNV - 120/2777V   DIM - 0-10V (100-1%)   BK - BLACK   BK - BLACK     120 - 120V   DIM - 0-10V (100-1%)   BK - BLACK   WH - WHIT SV - SILVE     347 - 347V 3   DIM - 0-10V (100-0%) *   WH - WHIT SV - SILVE   SUSPENSION TYPE   SUSPENSION TYPE   SUSPENSION TYPE   SUSPENSION LENGTH     0   SUSPENSION TYPE   WC - WHITE CABLE   S48 - 48" STEM   S96 - 96" STEM     17 FEED   RSB - BLACK RIGID STEM   S96 - 96" STEM   S96 - 96" STEM	FIXTURE HEIGHT   LUMEN OUTPUT (DELIVERED LUMENS)   CRI     7H - 7" HEIGHT *   10 - 1000 LUMENS   580 - 80 + CRI     11H - 11" HEIGHT   15 - 1500 LUMENS   20 - 2000 LUMENS     20 - 2000 LUMENS   25 - 2500 LUMENS   25 - 2500 LUMENS     30 - 3000 LUMENS 's   30 - 3000 LUMENS 's   H90 - 90 + CRI     "/H available up to 2500im with 90 -CRI option   Lumen outputs are delivered lumens based on 80 + CRI, 3000K source. See performance chart for all options   HOUSING FINISH     UNV - 120/277V   DIM - 0-10V (100-1%)   LE - PHASE DIM (TRIAC/ELV, 100-1%) ^4   BK - BLACK     UNV - 120/277V   DIM - 0-10V (100-1%) *   HAL - DALI (100-1%) *   BK - BLACK     JA1 - 0A1V (100-1%) *   DALI - DALI (100-1%) *   BK - BLACK   WH - WHITE SV - SILVER     DMX chore only available with rigid stem suspension   SUSPENSION TYPE   SUSPENSION LENGTH   OPTIONS     MC - WHITE CABLE   C60 - 60" CABLE   C120 - 120" CABLE   EMR - EMI (REM     D)   WC - WHITE CABLE   C60 - 60" CABLE   EMR - EMI (REM     D)   BK - BLACK CABLE   S48 - 48" STEM   S96 - 96" STEM   EMR - EMI (REM     D)   RS - SILVER RIGID STEM   S96 - 96" STEM   S96 - 96" STEM   S96 - 96" S	FIXTURE HEIGHT     LUMEN OUTPUT (DELIVERED LUMENS)     CRI     COLOR TEN       7H - 7" HEIGHT *     10 - 1000 LUMENS     580 - 80 + CRI     27K - 2700       11H - 11" HEIGHT     10 - 1000 LUMENS     25 - 2500 LUMENS     30K - 3000       25 - 2500 LUMENS     30 - 3000 LUMENS 1     40K - 4000     35K - 3500       "7H available up to 2500im with 90+CRI option (DM, LE DOI and DALI     Lumen outputs are delivered lumens based on 80* CRI, 3000K source. See performance chart for all options     HOUSING FINISH     LOUVER FII       VOLTAGE     DRIVER     HOUSING FINISH     BK - BLACK WH - WHITE     BLV - BLACK       UNV - 120/277V     DIM - 0-10V (100-1%) LE - PHASE DIM (TRIAC/ELV, 100-1%) 4 DOI - 0-10V (100-0%) 5 DALI - DALI (100-1%) 7 DMX - DMX (100-0%) 7 "DMX driver only available with rigid stem suspension     SUSPENSION LENGTH (220 - 120" CABLE S48 - 48" STEM     EMR - EMERGENCY BA (REMOTE)       D     SUSPENSION TYPE RS - SILVER RIGID STEM T FEED     SUSPENSION LENGTH RS - SILVER RIGID STEM RS - SILVER RIGID STEM     C60 - 60" CABLE S48 - 48" STEM S96 - 96" STEM     EMR - EMERGENCY BA (REMOTE)

1 3000lm not available with 90CRI

2 2700K only available in 90CRI and 4000K only available in 80CRI

3 347 available in "DIM" 0-10V only (100-1%). Not available with 7" height

4 Phase dimming options available in 120V only

5 DALI-2 (Type 6) provided as standard. Consult factory for DALI Type 8 option

6 Emergency battery installed remotely by others. Not accessible through the inside of the fixture



## PERFORMANCE

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	1000	8.0	124.7
1500	1500	12.8	116.9
2000	2000	17.1	116.7
2500	2500	22.3	112.2
3000	3000	29.0	103.4

BASED ON 80+ CRI, 3000K WITH 40D OPTIC Lumen output and actual wattage may vary +/- 5%

## **MULTIPLIERS**

COLOR TEMP	80+ CRI	
2700K	N/A	
3000K	1.00	
3500K	0.94	
4000K	1.11	

COLOR TEMP	90+ CRI
2700K	0.83
3000K	0.83
3500K	0.88
4000K	N/A

BEAM ANGLE				
20D	0.98			
40D	1.00			
60D	1.02			

## HOUSING

Extruded aluminum housing with powder coated finish Twist and lock construction with no visible hardware

## 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

MOUNTING

1/2" diameter rigid stem option with sloped ceiling adapter (field cuttable) Standard, 18-gauge, 5 conductor single circuit braided power feed (black and white finish)

All hardware included for mounting to 4" octagonal junction box Canopy provided in white finish as standard

Conduit feed cut-out canopy option designed to mount to 4" octagonal junction box

## 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 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 7" height models listed below: Lutron NFTV, Lutron DVTV , Lutron DVSTV, Lutron VIVE RMJS-8TN, Leviton IP710-DLZ, Philips SR1200ZTUNV, Cooper SF10P

## EMERGENCY

Remote emergency battery installed by others (not accessible through fixture aperture)

7W output for 90 minutes (+/- 700lm at 80+ CRI)

CA Title 24 Certified

Maximum remote mounting distance:

50ft (12AWG) or 25ft (14AWG) for fixtures operating at 3000lm or below 30ft (12AWG) or 20ft (14AWG) for fixtures operating above 3000lm Caution: Emergency Battery utilizes more than one power source and servicing should be performed by qualified personnel

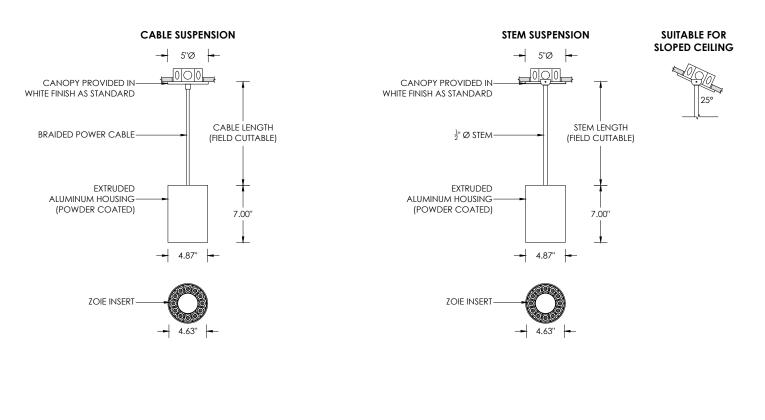
## LED SYSTEM

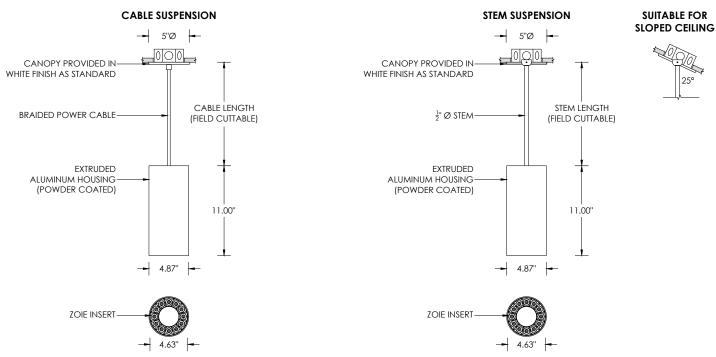
Osram LED source Color consistency <2 SDCM 80+ and 90+ CRI Available in 27K, 30K, 35K, and 40K L90 >60,000 hours 5 year warranty



# **RECESSED 4" OCTAGONAL JUNCTION BOX BY OTHERS**

STANDARD CANOPY MOUNT



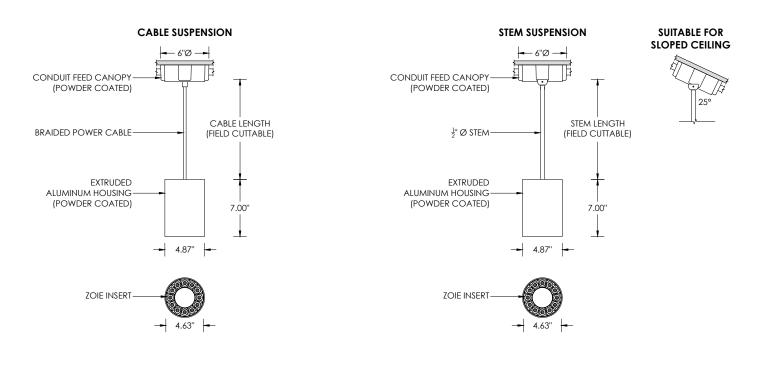


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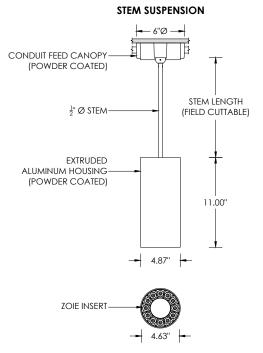
# SURFACE 4" OCTAGONAL X 1.5" DEEP JUNCTION BOX BY OTHERS

CONDUIT FEED CANOPY MOUNT (CFX OPTION)

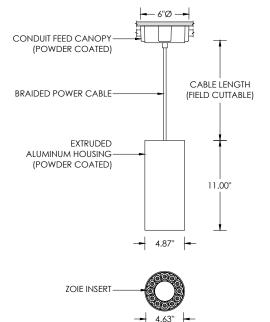


SUITABLE FOR SLOPED CEILING





CABLE SUSPENSION





## CONDUIT FEED CANOPY MOUNTING OPTIONS

