

3G LIGHTING

3G-WDZ45R-DI

4" ZOIE WALL CYLINDER
DIRECT/INDIRECT
14" HEIGHT

4" diameter high performance wall mounted Zoie cylinder
LED system with performance up to 140 LPW
Delivered lumen range up to 3000lm (80+ and 90+ CRI options)
Direct/Indirect distribution
Extruded aluminum housing with powder coated finish
Regressed LED source provides maximum visual comfort (UGR <10)
High gloss black or white louvers with proprietary optics and no glare
Companion to 3G-DZ45R Zoie downlight and cylinder family

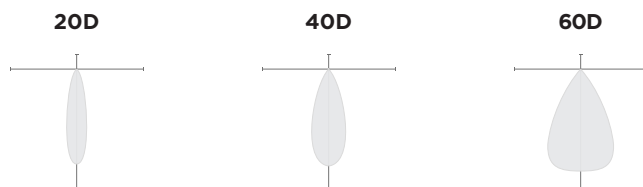


DIRECT/INDIRECT - 14"



OPTICS

DIRECT OR INDIRECT



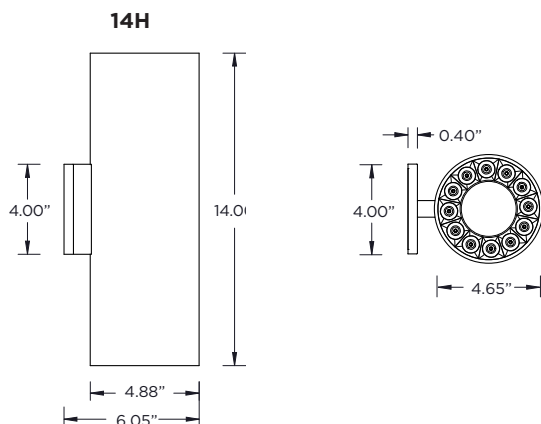
PERFORMANCE

DIRECT OR INDIRECT

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%

DIMENSIONS



PROJECT:		TYPE:	
CATALOG#:		DATE:	QTY:

CAT. NO	LUMEN OUTPUT (DIRECT)	LUMEN OUTPUT (INDIRECT)	CRI
3G-WDZ45R-DI	D10 - 1000 LUMENS D15 - 1500 LUMENS D20 - 2000 LUMENS D25 - 2500 LUMENS D30 - 3000 LUMENS <small>All lumen outputs are delivered lumens *MAX 4500 total lumens (Direct/Indirect) 80+ CRI *MAX 3500 total lumens (Direct/Indirect) 90+ CRI</small>	L10 - 1000 LUMENS L15 - 1500 LUMENS L20 - 2000 LUMENS L25 - 2500 LUMENS L30 - 3000 LUMENS <small>All lumen outputs are delivered lumens *MAX 4500 total lumens (Direct/Indirect) 80+ CRI *MAX 3500 total lumens (Direct/Indirect) 90+ CRI</small>	S80 - 80+ CRI H90 - 90+ CRI ¹
COLOR TEMP	BEAM ANGLE (DIRECT)	BEAM ANGLE (INDIRECT)	VOLTAGE
27K - 2700K ² 30K - 3000K 35K - 3500K 40K - 4000K ²	20D - 20° 40D - 40° 60D - 60°	20D - 20° 40D - 40° 60D - 60°	UNV - 120/277V 120 - 120V
DRIVER	HOUSING FINISH	LOUVER FINISH	CIRCUITING
DIM - 0-10V (100-1%) LE - PHASE DIM ³ <small>(TRIAC/ELV, 100-1%)</small> D01 - 0-10V (100-0.1%) DALI - DALI (100-1%) ⁴	BK - BLACK WH - WHITE SV - SILVER	BLV - BLACK WLV - WHITE	1C - SINGLE CIRCUIT 2C - DUAL CIRCUIT <small>(SEPARATE DIRECT & INDIRECT)</small>

¹ 3000lm not available in 90CRI

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

³ Phase dimming options available in 120V only

⁴ DALI-2 (Type 6) provided as standard. Consult factory for DALI Type 8 option

PERFORMANCE

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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

OPTICS

4" 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 dry or damp locations

WARRANTY

5 year limited warranty
LED system rated for operation in ambient environments up to 25°C

ELECTRICAL

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage with several driver options
Integral drivers are easily accessible through fixture aperture

LED SYSTEM

Standard 80+ and 90+ CRI option
Color consistency <2 SDCM
Available in 27K, 30K, 35K, and 40K
L90 >60,000 hours

MOUNTING

Square machined aluminum canopy with powder coated finish
Bracket and hardware mount to standard 4" octagonal junction box
Fixture weight: 6.34 lbs (max)