

# 3G LIGHTING

## 3G-WDL33RF-DI

3" WALL CYLINDER  
DIRECT/INDIRECT  
14" HEIGHT

3" diameter high performance wall mounted downlight cylinder  
Standard 95+ CRI LED system with up to 147 LPW  
Delivered lumen range up to 3162lm at 95+ CRI  
Direct/Indirect distribution  
Extruded aluminum housing with powder coated finish  
Regressed LED source for enhanced glare control  
Companion to 3G-DL33R series downlight family

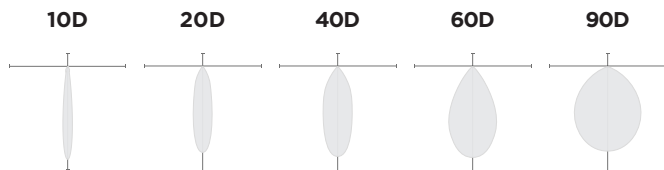


### DIRECT/INDIRECT - 14"



### OPTICS

#### DIRECT OR INDIRECT



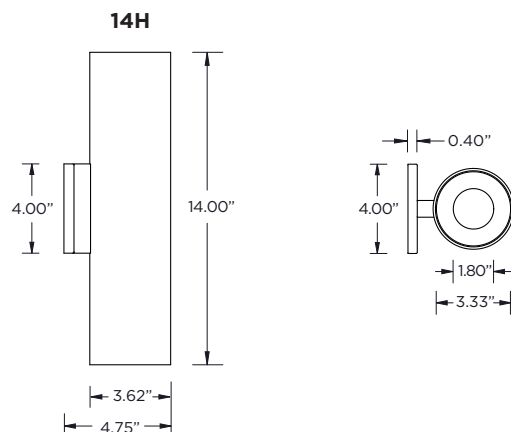
### PERFORMANCE

#### DIRECT OR INDIRECT

| LUMEN OUTPUT | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
|--------------|------------------|--------------|----------------|
| 750          | 750              | 6.5          | 116            |
| 1000         | 1000             | 9.1          | 110            |
| 1250         | 1250             | 11.8         | 106            |

BASED ON 95+ CRI, 3500K, 40D OPTIC WITH SOFTENING LENS  
Lumen output and actual wattage may vary +/- 5%

### DIMENSIONS



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

| CAT. NO   | LUMEN OUTPUT (DIRECT)   | LUMEN OUTPUT (INDIRECT)   | CRI  |
|---|---|---|--|
| <b>3G-WDL33RF-DI</b>  | <b>D07</b> - 750 LUMENS<br><b>D10</b> - 1000 LUMENS<br><b>D12</b> - 1250 LUMENS *<br><br><small>*1250lm (D12) only available with 750lm (L07)</small>   | <b>L07</b> - 750 LUMENS<br><b>L10</b> - 1000 LUMENS<br><b>L12</b> - 1250 LUMENS *<br><br><small>*1250lm (L12) only available with 750lm (D07)</small>   | <b>H95</b> - 95+ CRI   |
| COLOR TEMP  | BEAM ANGLE (DIRECT)   | BEAM ANGLE (INDIRECT)   | VOLTAGE  |
| <b>27K</b> - 2700K<br><b>30K</b> - 3000K<br><b>35K</b> - 3500K<br><b>40K</b> - 4000K  | <b>10D</b> - 10°<br><b>20D</b> - 20°<br><b>40D</b> - 40°<br><b>60D</b> - 60°<br><b>90D</b> - 90°<br><br><small>90D optic supplied with lens<br/>Not available with other lens options</small> | <b>10D</b> - 10°<br><b>20D</b> - 20°<br><b>40D</b> - 40°<br><b>60D</b> - 60°<br><b>90D</b> - 90°<br><br><small>90D optic supplied with lens<br/>Not available with other lens options</small> | <b>UNV</b> - 120/277V<br><b>120</b> - 120V   |
| DRIVER  | HOUSING FINISH  | INSERT FINISH   | OPTIONS  |
| <b>DIM</b> - 0-10V (100-1%)<br><b>LE</b> - PHASE DIM <sup>1</sup><br><small>(TRIAC/ELV, 100-1%)</small><br><b>D01</b> - 0-10V (100-0.1%)<br><b>DALI</b> - DALI-2 (TYPE 6)(100-1%) | <b>WH</b> - WHITE<br><b>BK</b> - BLACK<br><b>SV</b> - SILVER<br><b>CF</b> - CUSTOM COLOR  | <b>WI</b> - WHITE<br><b>BI</b> - BLACK<br><b>SI</b> - SILVER<br><b>CI</b> - CUSTOM COLOR  | <b>SF</b> - SOFTENING LENS *<br><small>(SUPPLIED STANDARD)</small><br><b>LS</b> - LINEAR SPREAD LENS<br><b>SB</b> - SANDBLASTED LENS<br><br><small>*Softening lens not provided with 90D optic<br/>Maximum 1 optical accessory</small> |
| CIRCUITING  |   |   |  |
| <b>1C</b> - SINGLE CIRCUIT<br><b>2C</b> - DUAL CIRCUIT<br><small>(SEPARATE DIRECT &amp; INDIRECT)</small>   |   |   |  |

<sup>1</sup> Phase dimming options available in 120V only

## DIRECT

| LUMEN OUTPUT | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
|--------------|------------------|--------------|----------------|
| 750          | 750              | 6.5          | 116            |
| 1000         | 1000             | 9.1          | 110            |
| 1250         | 1250             | 11.8         | 106            |

BASED ON 95+ CRI, 3500K, 40D OPTIC WITH SOFTENING LENS  
Lumen output and actual wattage may vary +/- 5%

## INDIRECT

| LUMEN OUTPUT | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
|--------------|------------------|--------------|----------------|
| 750          | 750              | 6.5          | 116            |
| 1000         | 1000             | 9.1          | 110            |
| 1250         | 1250             | 11.8         | 106            |

BASED ON 95+ CRI, 3500K, 40D OPTIC WITH SOFTENING LENS  
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## MULTIPLIERS

| BEAM ANGLE |      |
|------------|------|
| 10D        | 0.92 |
| 20D        | 1.24 |
| 40D        | 1.00 |
| 60D        | 0.97 |
| 90D        | 0.91 |

| COLOR TEMP |      |
|------------|------|
| 2700K      | 0.98 |
| 3000K      | 1.00 |
| 3500K      | 1.00 |
| 4000K      | 1.02 |

## HOUSING

Extruded aluminum housing with powder coated finish

## BEVELED INSERT

3" aperture with regressed LED source for enhanced glare control  
Cast aluminum insert with matte powder coated finish

## OPTICS

Proprietary anodized, aluminum reflectors  
Available in 10°, 20°, 40°, 60° and 90°  
Reflectors are field replaceable (10° reflector not interchangeable)  
Softening lens supplied standard

## 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 95+ CRI  
Color consistency <2 SDCM  
Available in 27K, 30K, 35K, and 40K  
L90 > 50,000 hours

## MOUNTING

Square machined aluminum canopy with powder coated finish  
Bracket and hardware mount to standard 4" octagonal junction box  
Fixture weight: +/- 4.25 lbs