

# GD4WR / IRW400

4" Gravity Warm Dim Wall Wash

|          |  |                |  |
|----------|--|----------------|--|
| JOB NAME |  | CATALOG NUMBER |  |
| NOTES    |  | TYPE           |  |

## ELECTRICAL DATA

| LED Light Engine | Delivered Lumens *            | System Wattage ** |
|------------------|-------------------------------|-------------------|
| WD3              | 1100lm @ 3000K-1800K / 92 CRI | 27 Watts          |
| WD4              | 1300lm @ 3000K-1800K / 92 CRI | 34 Watts          |
| WD5              | 1600lm @ 3000K-1800K / 92 CRI | 43 Watts          |

\* Delivered lumens output will vary depending on CCT, CRI and reflector finish.

\*\* System Wattage include driver and LED Module consumption.

## FEATURES

- High performance wall wash provides even illumination
- Fixed collar accepts up to 1-1/4" ceiling via hanger bar notches

## LED LIGHT ENGINE

- 13000K to 1800K programmable tuning at 92 CRI
- Rated life of >50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

## ELECTRICAL SYSTEM (120V OR 277V)

- Power factor >.9, 50/60Hz
- Multiple dimming drivers available
- This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Additional surge protection recommended. Damage from power surging is not covered by warranty.

## DIMMING

- Forward/reverse phase dimming (120V only)
- 0-10V 1% Dimming
- EldoLED SOLOdrive 0-10V 0.1%
- EldoLED ECOdrive 0-10V 1%
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
- Lutron® LTEA2W Hi-Lume 1% 2-Wire LED driver (120V forward phase only)

## FRAME CONSTRUCTION

Constructed from 16 and 18 gauge heavy duty powder coated cold rolled steel frame with a large access junction box. ETL listed for through wiring. LED light engine and driver are accessible from above or below ceiling.

## REFLECTOR

Subtle diffuse spread lens provides uniform illumination and distribution. Specification grade reflector with 1.5mm thickness. Reflector available in clear, haze, white, wheat or black finish. Consult factory for other colors. Architectural, discrete polished self flange standard. Optional painted white flange is available.

## INSTALLATION

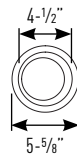
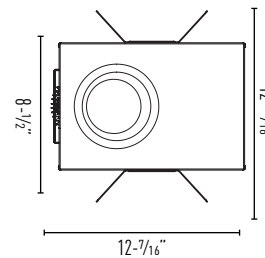
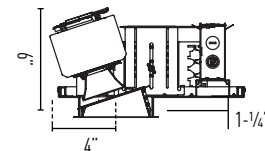
The luminaire is type Non-IC. Insulation must be kept at a minimum of 3" away from fixture. Accommodates ceiling thickness from 1/2" to 1-1/4". Universal mounting brackets included. Compatible with C-channel, flat bar, wood joist bar hanger and EMT. Bar hangers must be ordered separately. C-channel is recommended for T-bar ceilings. Max. ambient temperature: 131°F (55°C).

## EMERGENCY BACKUP

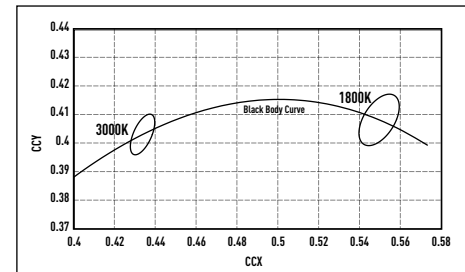
Remote test switch included. External battery operates LED load of up to 7W for 90 minutes (EM7), or 20W for 90 minutes (EM20).

## LISTING / WARRANTY

- ETL Listed to US and Canadian standards for damp locations
- 5-Year Intense LED Limited Warranty



Ceiling Cut Out: 5-1/4"  
Maximum Ceiling Thickness: 1-1/4"  
Minimum Ceiling Thickness: 1/2"



Housing Part Number: (Example: GD4WRWD3-D101)

| Housing | Wattage                               | Dimming                           | Voltage                       | Options   |
|---------|---------------------------------------|-----------------------------------|-------------------------------|---|
| GD4WR   | WD3 (27 Watts)                        | -DIM <sup>1</sup> (Phase Dimming) | blank (120V)                  | EM7 (7W Emergency Backup)   |
|         | WD4 (34 Watts)                        | -D101 (0-10V Dimming 1%)          | 27 (277V)                     | <a href="#">IOTA part #ILB-CP07-A</a>   |
|         | WD5 (43 Watts)                        | -ED10V1 (eldoLED 0-10V 1%)        |                               | EM20 (20W Emergency Backup w/ Remote Test Switch <a href="#">IOTA ILB-CP20-HE-S</a> ) |
|         |                                       | -ED10V01 (eldoLED 0-10V 0.1%)     |                               | 1100 (C-Channel Bar Hangers)  |
|         | -LUT (Lutron EcoSystem 1%)            |                                   | 1200 (Flat Bar Hangers)       |   |
|         | -LUT2 <sup>1</sup> (Lutron 2-Wire 1%) |                                   | 1400 (Wood Joist Bar Hangers) |   |
|         |                                       | -DMXR (DMX512 RDM 0.1%)           |                               |   |

Reflector Part Number: (Example: IRW400HZ-SF)

| Reflector | Reflector Finish         | Trim                                  |
|-----------|--------------------------|---------------------------------------|
| IRW400    | B <sup>2</sup> (Black)   | -SF (Self Flanged)                    |
|           | C (Clear)                | -SF <sup>W</sup> (Self Flanged White) |
|           | HZ (Haze)                |                                       |
|           | W (White)                |                                       |
|           | WHT <sup>2</sup> (Wheat) |                                       |

Notes:  
1. Available in 120V only  
2. Consult factory for lead times

GRAVITY LM-0915-21 P-1

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

For Intense Lighting's limited product warranty, go to [www.intenselighting.com](http://www.intenselighting.com). For a printed copy of the warranty, you may call 800 961-5321.

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LIGHTING

# GRAVITY™

## 4" Gravity Warm Dim Wall Wash Photometrics

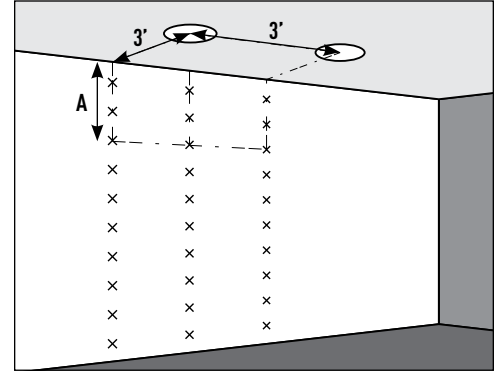
|          |  |                |  |
|----------|--|----------------|--|
| JOB NAME |  | CATALOG NUMBER |  |
| NOTES    |  | TYPE           |  |

### GD4WRWD3 / IRW400HZ

Report #: ILL20190313-3.003  
 Reflector Finish: Haze  
 Luminaire Watts: 27W  
 Luminaire Lumens: 1068lm  
 Lumens Per Watt: 39  
 Color Temperature: 3000K  
 Color Rendering Index: 82

| (A)<br>Distance<br>From<br>Ceiling | 3' From Wall<br>On 3' Centers | 3' From Wall<br>On 4' Centers | 4' From Wall<br>On 4' Centers |
|------------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                                    | □ 3' □                        | □ 4' □                        | □ 4' □                        |
| 1'                                 | 6 6 6                         | 6 4 6                         | 2 1 2                         |
| 2'                                 | 19 20 19                      | 15 15 15                      | 8 8 8                         |
| 3'                                 | 26 27 26                      | 19 21 19                      | 12 13 12                      |
| 4'                                 | 25 25 25                      | 19 20 19                      | 14 15 14                      |
| 5'                                 | 20 21 20                      | 16 16 16                      | 14 15 14                      |
| 6'                                 | 15 16 15                      | 13 13 13                      | 13 13 13                      |
| 7'                                 | 12 12 12                      | 10 10 10                      | 11 11 11                      |
| 8'                                 | 9 9 9                         | 8 8 8                         | 9 9 9                         |
| 9'                                 | 7 7 7                         | 6 6 6                         | 7 7 7                         |
| 10'                                | 5 5 5                         | 5 5 5                         | 6 6 6                         |

Example: Two luminaires located 3' from wall and spaced 3' on center, the illumination on the wall 3' down from ceiling will be 9fc beneath units and 12fc between units

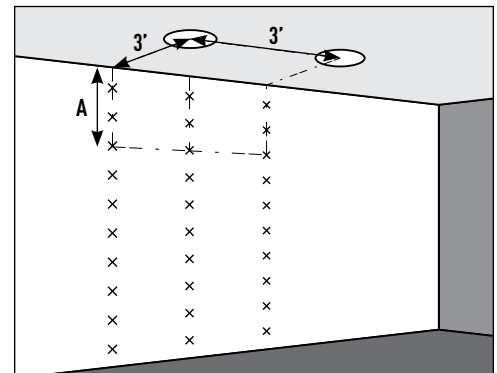


### GD4WRWD4 / IRW400HZ

Report #: ILL20190313-3.002  
 Reflector Finish: Haze  
 Luminaire Watts: 34W  
 Luminaire Lumens: 1334lm  
 Lumens Per Watt: 39  
 Color Temperature: 3000K  
 Color Rendering Index: 82

| (A)<br>Distance<br>From<br>Ceiling | 3' From Wall<br>On 3' Centers | 3' From Wall<br>On 4' Centers | 4' From Wall<br>On 4' Centers |
|------------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                                    | □ 3' □                        | □ 4' □                        | □ 4' □                        |
| 1'                                 | 8 7 8                         | 7 5 7                         | 2 2 2                         |
| 2'                                 | 24 25 24                      | 19 18 19                      | 10 10 10                      |
| 3'                                 | 32 34 32                      | 24 26 24                      | 15 16 15                      |
| 4'                                 | 31 32 31                      | 23 25 23                      | 18 19 18                      |
| 5'                                 | 25 26 25                      | 20 20 20                      | 18 19 18                      |
| 6'                                 | 19 20 19                      | 16 16 16                      | 16 16 16                      |
| 7'                                 | 15 15 15                      | 12 13 12                      | 13 14 13                      |
| 8'                                 | 11 11 11                      | 10 10 10                      | 11 11 11                      |
| 9'                                 | 8 9 8                         | 7 8 7                         | 9 9 9                         |
| 10'                                | 7 7 7                         | 6 6 6                         | 7 7 7                         |

Example: Two luminaires located 3' from wall and spaced 3' on center, the illumination on the wall 3' down from ceiling will be 19fc beneath units and 24fc between units

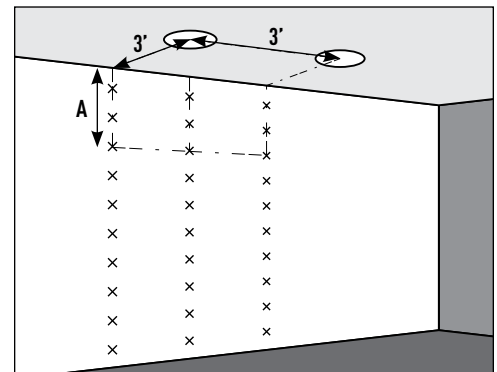


### GD4WRWD5 / IRW400HZ

Report #: ILL20190313-3.001  
 Reflector Finish: Haze  
 Luminaire Watts: 43W  
 Luminaire Lumens: 1602lm  
 Lumens Per Watt: 37  
 Color Temperature: 3000K  
 Color Rendering Index: 82

| (A)<br>Distance<br>From<br>Ceiling | 3' From Wall<br>On 3' Centers | 3' From Wall<br>On 4' Centers | 4' From Wall<br>On 4' Centers |
|------------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                                    | □ 3' □                        | □ 4' □                        | □ 4' □                        |
| 1'                                 | 10 9 10                       | 9 6 9                         | 3 2 3                         |
| 2'                                 | 29 30 29                      | 23 22 23                      | 11 11 11                      |
| 3'                                 | 39 41 39                      | 29 32 29                      | 18 19 18                      |
| 4'                                 | 37 38 37                      | 28 30 28                      | 22 23 22                      |
| 5'                                 | 30 31 30                      | 24 25 24                      | 21 22 21                      |
| 6'                                 | 23 24 23                      | 19 19 19                      | 19 19 19                      |
| 7'                                 | 18 18 18                      | 15 15 15                      | 16 16 16                      |
| 8'                                 | 13 14 13                      | 11 12 11                      | 13 14 13                      |
| 9'                                 | 10 10 10                      | 9 9 9                         | 11 11 11                      |
| 10'                                | 8 8 8                         | 7 7 7                         | 9 9 9                         |

Example: Two luminaires located 3' from wall and spaced 3' on center, the illumination on the wall 3' down from ceiling will be 26fc beneath units and 33fc between units



CCT / CRI Multipliers: 2700K / 82 CRI (x 0.93); 2700K / 92 CRI (x 0.74); 3000K / 82 CRI (x 1.00); 3000K / 92 CRI (x 0.79); 3500K / 82 CRI (x 1.03); 4100K / 82 CRI (x 1.04)