

GD4DRR / IRDR400

4" Gravity Warm Dim Remodel Downlight

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	Delivered Lumens *	System Wattage **
WD3	1800lm @ 3000K-1800K / 92 CRI	27 Watts
WD4	2300lm @ 3000K-1800K / 92 CRI	34 Watts
WD5	2700lm @ 3000K-1800K / 92 CRI	43 Watts

* Delivered Lumens output will vary depending on CCT, CRI, optic and reflector finish.

** System Wattage includes driver and LED Module consumption.

LED LIGHT ENGINE

- 3000K to 1800K dimming 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 surge 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 gauge 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.

OPTICS

- 20° Spot, 30° Narrow Flood, 40° Flood & 50° Wide Flood
- Optics and filter media are field customizable

REFLECTOR

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. Meets RP-1 requirements with controlled light distribution at a 55° cut off.

INSTALLATION

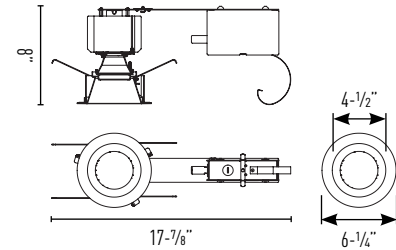
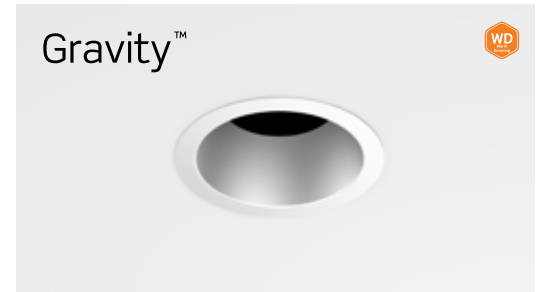
The luminaire is type Non-IC. Insulation must be kept at a minimum of 3" away from fixture. Accommodates ceiling thickness from 1/2" to 1-1/2". Swing out lugs for installation from below the ceiling. Max. ambient temperature: 131°F (55°C).

ACCESSORIES

Luminaire will accommodate (2) accessories, accessory holder required.

LISTING / WARRANTY

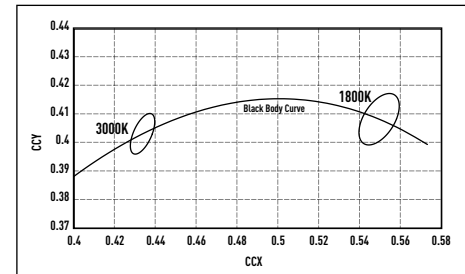
- ETL Listed to US and Canadian standards for damp locations
- 5-Year Intense LED Limited Warranty



Ceiling Cut Out: 5-1/4"

Maximum Ceiling Thickness: 1-1/2"

Minimum Ceiling Thickness: 1/2"



Housing Part Number (Example: GD4DRRWD3-D101-NF)

Housing	LED Light Engine	Dimming	Voltage	Optic
GD4DRR	WD3 (27 Watts)	-DIM ¹ (Phase Dimming)	blank (120V)	-SP (20° Spot)
	WD4 (34 Watts)	-D101 (0-10V Dimming 1%)	27 (277V)	-NF (30° Narrow Flood)
	WD5 (43 Watts)	-ED10V1 (eldoLED 0-10V 1%)	-FL (40° Flood)	
		-ED10V01 (eldoLED 0-10V 0.1%)	-WF (50° Wide Flood)	
		-LUT (Lutron EcoSystem 1%)		
		-LUT2 ¹ (Lutron 2-Wire 1%)		
-DMXR (DMX512 RDM 0.1%)				

Reflector Part Number (Example: IRDS400HZ-SF)

Reflector	Reflector Finish	Trim Type
IRDR400	W (White)	-SF (Self Flanged)
	B ² (Black)	-SFW (Self Flanged White)
	C (Clear)	
	HZ (Haze)	
	WHT ² (Wheat)	

Accessories

LH63	(Black Accessory Holder)
PFL4-63	(Solite Soft Focus Lens)
PFLMB-63	(Black Hex Louver)

Notes:

- Available in 120V only
- Consult factory for lead times

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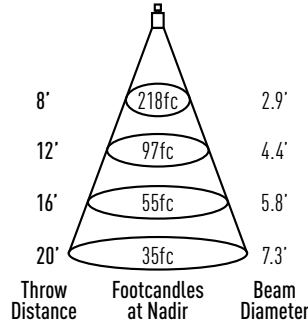
GD4DRRWD5 / IRDR400HZ

Report #: ILL201903011-1.001 (-20)
 ILL20190311-4.001 (-30)
 ILL20190315-3.001 (-40)
 ILL20190311-10.001 (-50)

LED Package Multipliers:

IRDR400WD3 (x 0.67)
 IRDR400WD4 (x 0.83)

20° Spot (-20)

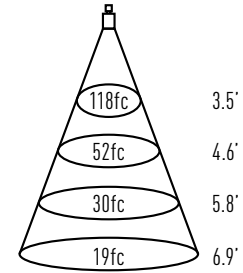


Watts: 43
 Lumens: 2918
 LPW: 68
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	13979
5°	12187
15°	3541
25°	1423
35°	194
45°	81

30° Narrow Flood (-30)

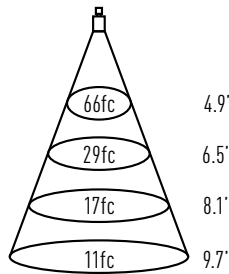


Watts: 43
 Lumens: 2953
 LPW: 68
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	7548
5°	6984
15°	4070
25°	1916
35°	327
45°	95

40° Flood (-40)

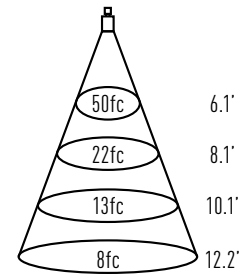


Watts: 43
 Lumens: 2612
 LPW: 60
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	4237
5°	4085
15°	3017
25°	1744
35°	600
45°	173

50° Wide Flood (-50)



Watts: 43
 Lumens: 2626
 LPW: 61
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	3203
5°	3126
15°	2575
25°	1783
35°	798
45°	272