

GD4DRR / IRDR402

4" Gravity Warm Dim Remodel Downlight with Regressed Lens - Wet Location

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	Delivered Lumens *	System Wattage **
WD3	1700lm @ 3000K-1800K / 92 CRI	27 Watts
WD4	2200lm @ 3000K-1800K / 92 CRI	34 Watts
WD5	2600lm @ 3000K-1800K / 92 CRI	43 Watts

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

** 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 are field customizable

REFLECTOR

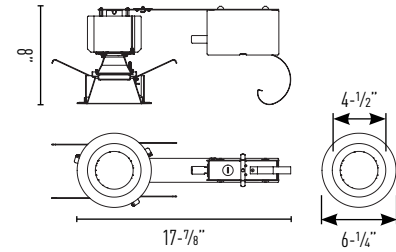
Specification grade reflector with 1.5mm thickness. Reflector available in clear, haze or white finish. Consult factory for other colors. Regressed lens available in two lens types; Clear Tempered or Solite. Architectural, discrete polished self flange standard. Optional painted white flange is available. 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).

LISTING / WARRANTY

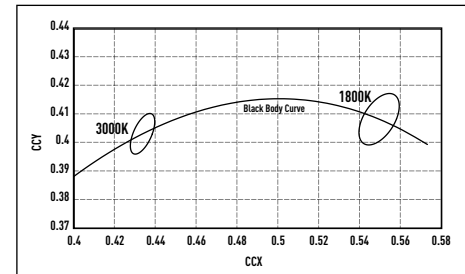
- Trim is ETL Listed to US and Canadian standards for wet locations
- Housing is ETL Listed to US and Canadian standards for damp locations
- 5-Year Intense LED Limited Warranty



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: IRDR402HZ-SF-CR)

Reflector	Reflector Finish	Trim Type	Lens Type
IRDR402	W (White)	-SF (Self Flanged)	-CR (Clear Tempered)
	B ² (Black)	-SF ^W (Self Flanged White)	-SL (Solite)
	C (Clear)		
	HZ (Haze)		
	WHT ² (Wheat)		

Notes:

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

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

GD4DRRWD5 / IRDR402HZ

Report #: ILL20190311-3.001 (-20)
 ILL20190311-5.001 (-30)
 ILL20190315-4.001 (-40)
 ILL20190311-10.001 (-50)

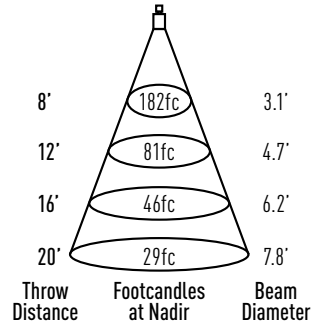
LED Package Multipliers:

IRDR400WD3 (x 0.67)
 IRDR400WD4 (x 0.83)

Lens Multiplier:

Solite Lens (x 0.92)
 Clear (x 1.00)

20° Spot (-20)

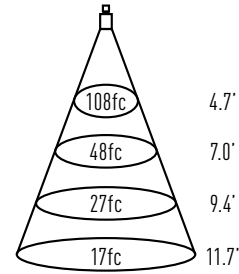


Watts: 43
 Lumens: 2731
 LPW: 64
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	12746
5°	11129
15°	3286
25°	1345
35°	201
45°	81

30° Narrow Flood (-30)

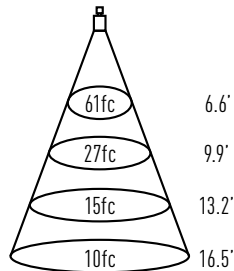


Watts: 43
 Lumens: 2777
 LPW: 64
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	6884
5°	6391
15°	3771
25°	1790
35°	332
45°	100

40° Flood (-40)

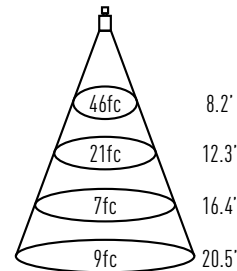


Watts: 43
 Lumens: 2472
 LPW: 57
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	3891
5°	3755
15°	2793
25°	1642
35°	594
45°	178

50° Wide Flood (-50)



Watts: 43
 Lumens: 2486
 LPW: 57
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	2966
5°	2896
15°	2397
25°	1677
35°	769
45°	271