

GD4DRR / IRDR402

4" Gravity TunableWhite LED Remodel Downlight with Regressed Lens - Wet Location

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	Nominal Delivered Lumen*	System Wattage**
TW1	1000lm @ 3500K / 92CRI	13W
TW2	1500lm @ 3500K / 92CRI	19W
TW3	2000lm @ 3500K / 92CRI	25W
TW4	2500lm @ 3500K / 92CRI	33W
TW5	3000lm @ 3500K / 92CRI	40W

* Delivered lumen output will vary depending on CCT, CRI, optic and reflector finish | ** System Wattage includes driver and LED Module consumption.

FEATURES

- Tuning range from 2700K-6500K at a minimum of 92 CRI
- 3 SDCM binning options for both warm white (2700K) and cool white (6500K)
- Superior color mixing enabled by phosphor dispensed technology

LED LIGHT ENGINE

- Wattage: 13W to 40W
- Rated life of >50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

DIMMING

- eldoLED Dual Drive 2CH 0-10V 0.1%
- Lutron T-Series 1% 2CH tunable white driver
- DMX512 RDM 8-bit 0.1%
- eldoLED Dual Drive DALI DT6 0.1%
- eldoLED Dual Drive DALI DT8 0.1%

OPTICS

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

ELECTRICAL SYSTEM

- 120V/277V Power factor >.9, 50/60Hz
- 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.

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.

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

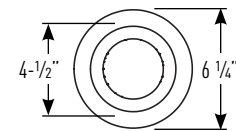
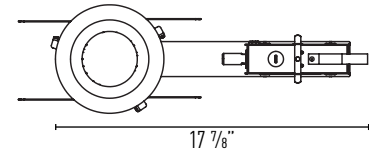
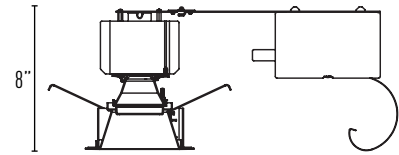
The luminaire is type Non-IC. Insulation must be kept at a minimum of 3" away from fixture. Accommodates ceiling thickness from 1/2" to 1 1/2". Swing out lugs for installation from below the ceiling. Max. ambient temperature: 95°F (35°C).

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



Gravity™



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

Housing Part Number: (Example: GD4DRRTW1-ED10V01-NF)

Housing	Wattage	CCT / CRI	Dimming	Voltage	Optic
GD4DRR	TW1 (13W)	blank (TunableWhite	-ED10V01 (eldoLED Dual Drive 2CH 0-10V 0.1%)	blank (120V)	-SP (20° Spot)
	TW2 (19W)	2700K-6500K / 92 CRI)	-LUTT (Lutron® T Series 1%)	27 (277V)	-NF (30° Narrow Flood)
	TW3 (25W)		-DMXR (DMX512 RDM 0.1%)		-FL (40° Flood)
	TW4 (33W)		-DALI6 (eldoLED Dual Drive DALI DT6 0.1%)		-WF (50° Wide Flood)
	TW5 (40W)		-DALI8 (eldoLED Dual Drive DALI DT8 0.1%)		

Reflector Part Number (Example: IRDR402HZ-SF-CR)

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

Replacement Optics

- IP-OP63SP (20° Spot Optic)
- IP-OP63NF (30° Narrow Flood Optic)
- IP-OP63FL (40° Flood Optic)
- IP-OP63WF (50° Wide Flood Optic)

Notes:
1. Consult factory for lead times

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ELECTRICAL DATA TABLE

Lumen Package	CCT	120V	277V
TW1	2700K	15W	18W
	3500K	13W	16W
	6500K	13W	16W
TW2	2700K	23W	25W
	3500K	19W	21W
	6500K	18W	21W
TW3	2700K	30W	32W
	3500K	25W	27W
	6500K	24W	26W
TW4	2700K	41W	42W
	3500K	33W	36W
	6500K	31W	33W
TW5	2700K	51W	51W
	3500K	40W	43W
	6500K	42W	41W

*Notes: System Wattage includes driver and LED Module consumption