

GD4DS / ISD402

4" Gravity Square Lensed Downlight - Wet Location

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, reflector finish and lens type.

** System Wattage include driver and LED Module consumption.

FEATURES

- High delivered lumens maintained in ceiling from 1/2" to 2-1/4" using patent pending design
- Future proof luminaire with easy module install via twist-to-lock mounting and driver access through raised junction box

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

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)

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.

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. Innovative collar is field selectable for ceiling thicknesses from 1/2" to 2-1/4" without reducing delivered lumens.

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, white, wheat or black 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 2-1/4". 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

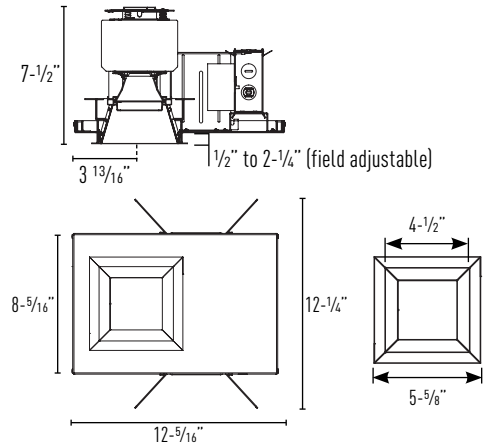
Remote test switch included. External battery operates LED load of up to 7W for 90 minutes (EM7), or 20W for 90 minutes (EM20).

LISTING / WARRANTY

- ETL Listed to US and Canadian standards for wet locations
- 5-Year Intense LED Limited Warranty
- This product is covered by U.S. Pat. No. 10,274,148.



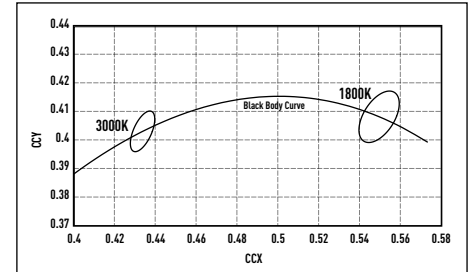
JOB NAME	CATALOG NUMBER
NOTES	TYPE



Ceiling Cut Out: 5-1/4" x 5-1/4"

Maximum Ceiling Thickness: 2-1/4"

Minimum Ceiling Thickness: 1/2"



Housing Part Number: (Example: GD4DSWD3-D101-NF)

Housing	Wattage	Dimming	Voltage	Optic	Options
GD4DS	WD3 (27 Watts)	-DIM ¹ (Phase Dimming)	blank (120V)	-SP (20° Spot)	EM7 (7W Emergency Backup IOTA part #ILB-CP07-A)
	WD4 (34 Watts)	-D101 (0-10V Dimming 1%)	27 (277V)	-NF (30° Narrow Flood)	EM20 (20W Emergency Backup w/ Remote Test Switch IOTA ILB-CP20-HE-S)
	WD5 (43 Watts)	-ED10V1 (eldoLED 0-10V 1%)		-FL (40° Flood)	I100 (C-Channel Bar Hangers)
		-ED10V01 (eldoLED 0-10V 0.1%)		-WF (50° Wide Flood)	I200 (Flat Bar Hangers)
		-LUT (Lutron® LDE1 EcoSystem 1%)			I400 (Wood Joist Bar Hangers)
		-LUT2 ¹ (Lutron® LTEA2W 2-Wire 1%)			
		-DMXR (DMX512 RDM 0.1%)			

Reflector Part Number: (Example: ISD402HZ-SF-CR)

Reflector	Reflector Finish	Trim	Lens Type
ISD402	B ² (Black)	-SF (Self Flanged)	-CR (Clear Tempered)
	C (Clear)	-SFW (Self Flanged White)	-SL (Solite)
	HZ (Haze)		
	W (White)		
	WHT ² (Wheat)		

Notes:

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

GRAVITY L/M0119-22 P-7

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. For a printed copy of the warranty, you may call 800 961-5321.

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GD4DSWD5 / ISD402HZ-CR

Report #: ILL20190312-1.001 (-20)
ILL20190312-4.001 (-30)
ILL20190318-2.001 (-40)
ILL20190312-10.001 (-50)

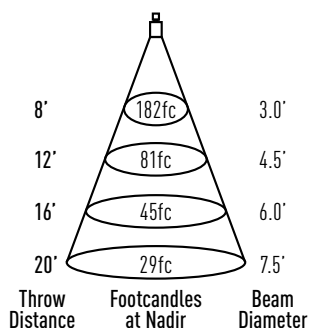
LED Package Multipliers:

ISD402WD3 (x 0.67)
ISD402WD4 (x 0.83)

Lens Multiplier:

Solite Lens (x 0.92)
Clear (x 1.00)

20° Spot (-20)

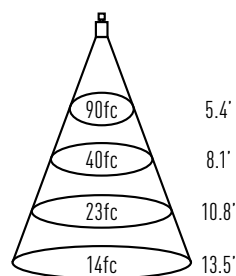


Watts: 43
Lumens: 2830
LPW: 66
CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	11630
5°	10235
15°	3114
25°	1332
35°	232
45°	113

30° Narrow Flood (-30)

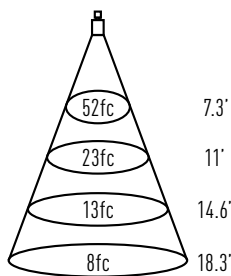


Watts: 43
Lumens: 2877
LPW: 67
CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	5754
5°	5480
15°	3595
25°	1773
35°	357
45°	129

40° Flood (-40)

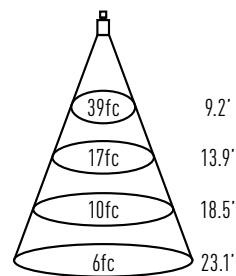


Watts: 43
Lumens: 2574
LPW: 60
CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	3344
5°	3261
15°	2571
25°	1613
35°	613
45°	213

50° Wide Flood (-50)



Watts: 43
Lumens: 2589
LPW: 60
CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	2464
5°	2434
15°	2167
25°	1633
35°	789
45°	308