

GD4WS / ISW400

4" Gravity Warm Dim Square 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	1400lm @ 3000K-1800K / 92 CRI	34 Watts
WD5	1700lm @ 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 surge is not covered by warranty.

DIMMING

- Forward/reverse phase dimming (120V only)
- 0-10V 1% Dimming
- EldoLED SOL0drive 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® LTAZW 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

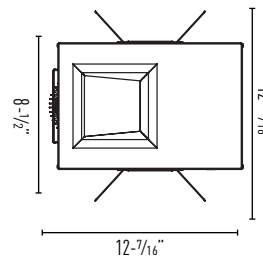
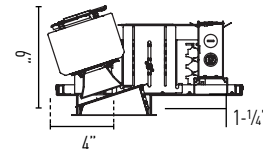
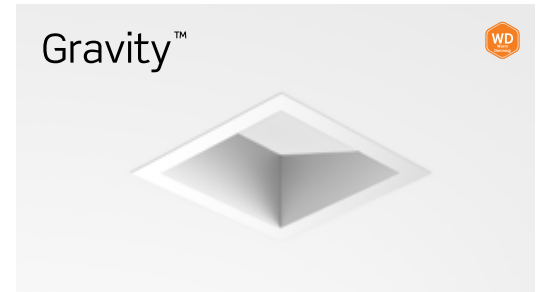
The luminaire is type Non-IC. Insulation must be kept at a minimum of 3" away from fixture. Accommodates ceiling thickness from 1/2" to 1-1/4". Universal mounting brackets included. Compatible with C-channel, flat bar, wood joist bar hanger and EMT. Bar hangers must be ordered separately. C-channel is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

EMERGENCY BACKUP

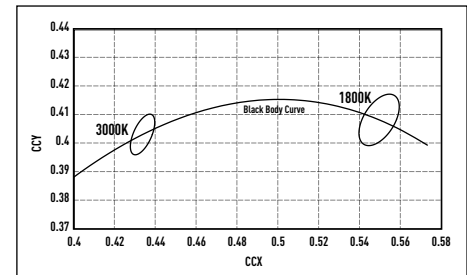
Remote test switch included. External battery operates LED load of up to 7W for 90 minutes (EM7), or 20W for 90 minutes (EM20).

LISTING / WARRANTY

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



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



Housing Part Number: (Example: GD4WSWD3-D101)

Housing	Wattage	Dimming	Voltage	Accessories
GD4WS	WD3 (27 Watts)	-DIM ¹ (Phase Dimming)	blank (120V)	EM7 (7W Emergency Backup)
	WD4 (34 Watts)	-D101 (0-10V Dimming 1%)	27 (277V)	IOTA part #ILB-CP07-A
	WD5 (43 Watts)	-ED10V1 (eldoLED 0-10V 1%)		EM20 (20W Emergency Backup w/ Remote Test Switch IOTA ILB-CP20-HE-S)
		-ED10V01 (eldoLED 0-10V 0.1%)		I100 (C-Channel Bar Hangers)
		-LUT (Lutron EcoSystem 1%)		I200 (Flat Bar Hangers)
		-LUT2 ¹ (Lutron 2-Wire 1%)		I400 (Wood Joist Bar Hangers)
		-DMXR (DMX512 RDM 0.1%)		

Reflector Part Number: (Example: ISW400HZ-SF)

Reflector	Reflector Finish	Trim
ISW400	B ² (Black)	-SF (Self Flanged)
	C (Clear)	-SF ^W (Self Flanged White)
	HZ (Haze)	
	W (White)	
	WHT ² (Wheat)	

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

4" Gravity Warm Dim Square Wall Wash Photometrics

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

GD4WSWD3 / ISW400HZ

Report #: ILL20190313-2.003

Reflector Finish: Haze

Luminaire Watts: 27W

Luminaire Lumens: 1144lm

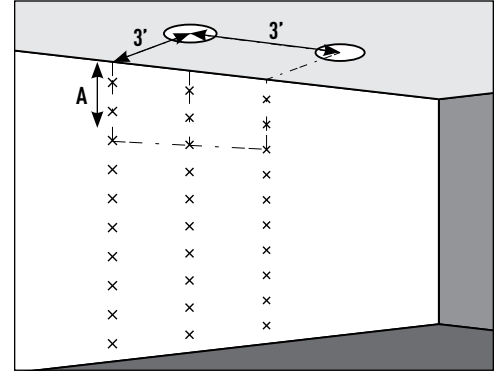
Lumens Per Watt: 42

Color Temperature: 3000K

Color Rendering Index: 82

(A) Distance From Ceiling	3' From Wall On 3' Centers	3' From Wall On 4' Centers	4' From Wall On 4' Centers
	□ 3' □	□ 4' □	□ 4' □
1'	8 7 8	7 5 7	2 2 2
2'	27 27 27	22 18 22	10 10 10
3'	30 31 30	24 23 24	16 17 16
4'	25 25 25	20 20 20	17 17 17
5'	19 20 19	15 15 15	15 15 15
6'	14 15 14	12 12 12	12 13 12
7'	11 11 11	9 9 9	10 10 10
8'	8 8 8	7 7 7	8 8 8
9'	6 6 6	6 6 5	7 7 7
10'	5 5 5	4 4 4	5 5 5

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 11fc between units



GD4WSWD4 / ISW400HZ

Report #: ILL20190313-2.002

Reflector Finish: Haze

Luminaire Watts: 34W

Luminaire Lumens: 1429lm

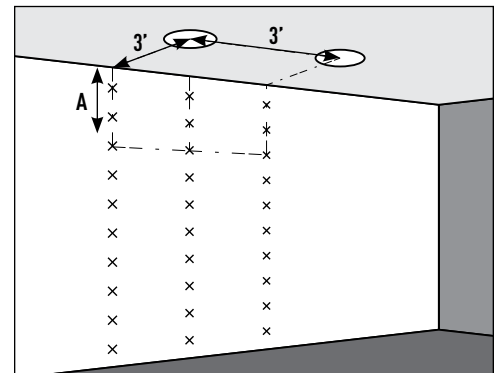
Lumens Per Watt: 42

Color Temperature: 3000K

Color Rendering Index: 82

(A) Distance From Ceiling	3' From Wall On 3' Centers	3' From Wall On 4' Centers	4' From Wall On 4' Centers
	□ 3' □	□ 4' □	□ 4' □
1'	10 9 10	9 6 9	3 2 3
2'	33 33 33	28 23 28	13 12 13
3'	38 38 38	29 29 29	20 21 20
4'	31 32 31	24 25 24	21 21 21
5'	24 24 24	19 19 19	19 19 19
6'	18 18 18	15 15 15	16 16 16
7'	13 14 13	11 11 11	13 13 13
8'	10 10 10	9 9 9	10 10 10
9'	8 8 8	7 7 7	8 8 8
10'	6 6 6	5 6 5	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 18fc beneath units and 22fc between units



GD4WSWD5 / ISW400HZ

Report #: ILL20190313-2.001

Reflector Finish: Haze

Luminaire Watts: 43W

Luminaire Lumens: 1716lm

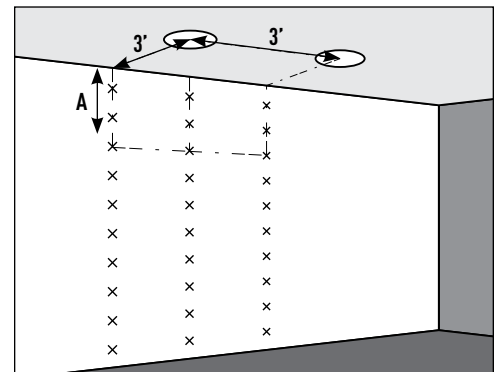
Lumens Per Watt: 40

Color Temperature: 3000K

Color Rendering Index: 82

(A) Distance From Ceiling	3' From Wall On 3' Centers	3' From Wall On 4' Centers	4' From Wall On 4' Centers
	□ 3' □	□ 4' □	□ 4' □
1'	12 11 12	11 7 11	3 3 3
2'	40 40 40	33 27 33	15 15 15
3'	45 46 45	35 35 35	25 25 25
4'	38 38 38	29 29 29	26 26 26
5'	29 29 29	23 23 23	23 23 23
6'	21 22 21	17 18 17	19 19 19
7'	16 17 16	13 14 14	15 15 15
8'	12 13 12	10 11 10	12 12 12
9'	9 10 9	8 8 8	10 10 10
10'	7 7 7	6 7 6	8 8 8

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 31fc 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)