

GD4WS / ISW400

4" Gravity TunableWhite LED Square Wall Wash

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. High performance wall wash provides even illumination
- Fixed collar accepts up to 1-1/4" ceiling via hanger bar notches

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%

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.

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.

REFLECTOR

Subtle diffuse spread lens provides uniform illumination and distribution. Specification grade reflector with 1.5mm thickness. Reflector available in haze, white, clear, black or wheat finish. Consult factory for other colors. Architectural, discrete polished self flange standard. Optional painted white flange is available.

INSTALLATION

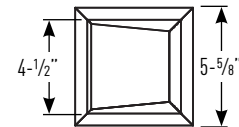
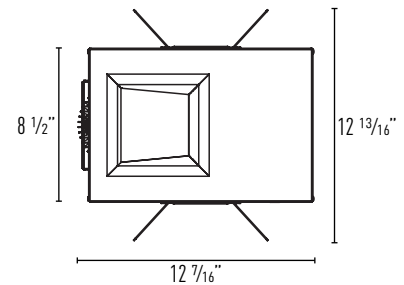
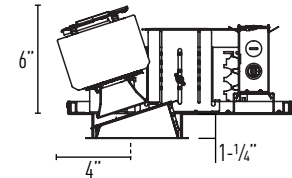
The luminaire is type Non-IC. Insulation must be kept at a minimum of 3" away from fixture. Accommodates ceiling thickness from 1/2" to 1-1/4". Universal mounting brackets included. Compatible with C-channel, flat bar, wood joist bar hanger and EMT. Bar hangers must be ordered separately. C-channel is recommended for T-bar ceilings. Max. ambient temperature: 95°F (35°C).

LISTING / WARRANTY

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



GRAVITY™



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: GD4WSTW1-ED10V01)

Housing	Wattage	CCT / CRI	Dimming	Voltage
GD4WS	TW1 (13W)	blank (TunableWhite)	-ED10V01 (eldoLED Dual Drive 2CH 0-10V 0.1%)	blank (120V)
	TW2 (19W)	2700K-6500K / 92 CRI)	-LUTT (Lutron® T Series 1%)	27 (277V)
	TW3 (25W)		-DMXR (DMX512 RDM 0.1%)	
	TW4 (33W)		-DALI6 (eldoLED Dual Drive DALI DT6 0.1%)	
	TW5 (40W)		-DALI8 (eldoLED Dual Drive DALI DT8 0.1%)	

Reflector Part Number: (Example: ISW400HZ-SF)

Reflector	Reflector Finish	Trim
ISW400	HZ (Haze)	-SF (Self Flanged)
	W (White)	-SFW (Self Flanged White)
	C (Clear)	
	B ¹ (Black)	
	WHT ¹ (Wheat)	

Accessories

- I100 (C-Channel Bar Hangers)
- I200 (Flat Bar Hangers)
- I400 (Wood Joist Bar Hangers)

Notes:
 1. Consult factory for lead times

JOB NAME		CATALOG NUMBER	
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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

JOB NAME		CATALOG NUMBER	
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4" Gravity TunableWhite LED Square Wall

GD4WSL130 / IRW400HZ

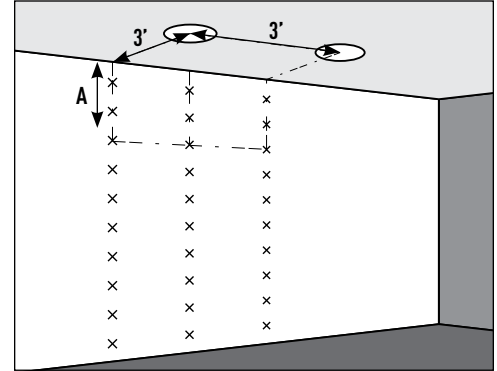
Report #: ILL-06202016-01.4
 Reflector Finish: Haze
 Luminaire Watts: 19W
 Luminaire Lumens: 1154lm
 Lumens Per Watt: 61
 Color Temperature: 3000K
 Color Rendering Index: 82

Emergency Multipliers:

7W Emergency (x 0.60)
 20W Emergency (x 1.66)

(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'	9 8 9	8 5 8	2 2 2
2'	28 27 28	23 19 23	11 11 11
3'	31 31 31	24 23 24	17 17 17
4'	25 25 25	20 20 20	17 17 17
5'	19 19 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	5 6 5	6 7 6
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



GD4WSL230 / IRW400HZ

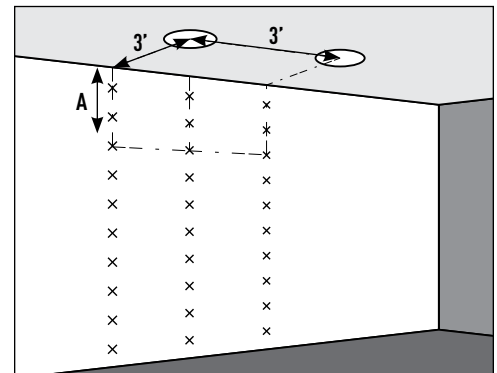
Report #: ILL-06202016-01.3
 Reflector Finish: Haze
 Luminaire Watts: 24W
 Luminaire Lumens: 1432lm
 Lumens Per Watt: 60
 Color Temperature: 3000K
 Color Rendering Index: 82

Emergency Multipliers:

7W Emergency (x 0.30)
 20W Emergency (x 0.83)

(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'	11 10 11	9 6 9	3 2 3
2'	35 34 35	28 23 28	14 13 14
3'	38 38 38	30 29 30	21 21 21
4'	31 32 31	24 24 24	21 22 21
5'	24 24 24	19 19 19	19 19 19
6'	18 18 18	14 15 14	15 16 15
7'	13 14 13	11 11 11	12 13 12
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 5 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



GD4WSL330 / IRW400HZ

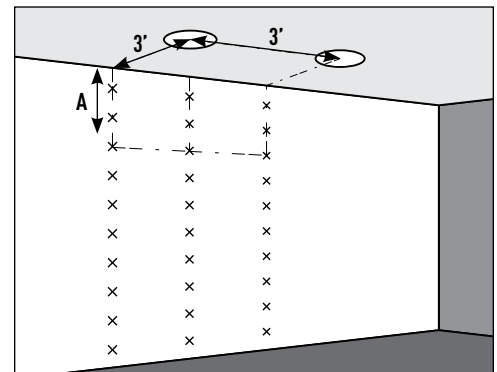
Report #: ILL-06202016-01.2
 Reflector Finish: Haze
 Luminaire Watts: 34W
 Luminaire Lumens: 2016lm
 Lumens Per Watt: 59
 Color Temperature: 3000K
 Color Rendering Index: 82

Emergency Multipliers:

7W Emergency (x 0.21)
 20W Emergency (x 0.59)

(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'	15 13 15	13 8 13	4 3 4
2'	49 48 49	40 32 40	19 18 19
3'	54 54 54	42 40 42	30 29 30
4'	44 44 44	34 34 34	30 30 30
5'	33 34 33	27 27 27	26 27 26
6'	25 25 25	20 21 20	22 22 22
7'	19 19 19	16 16 16	18 18 18
8'	14 14 14	12 12 12	14 14 14
9'	11 11 11	9 10 9	11 12 11
10'	8 9 8	7 8 7	9 9 9

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); 4000K / 82 CRI (x 1.04)

GRAVITY™

4" Gravity TunableWhite LED Square Wall

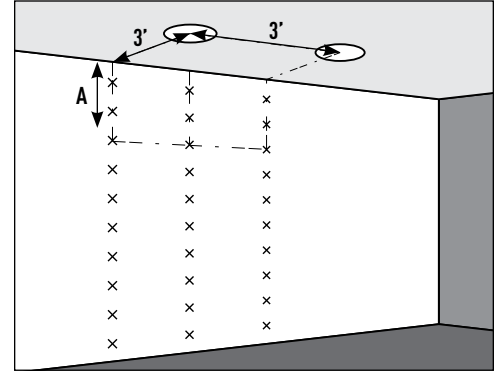
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

GD4WSL430 / IRW400HZ

Report #: ILL-06202016-01.1
 Reflector Finish: Haze
 Luminaire Watts: 46W
 Luminaire Lumens: 2586lm
 Lumens Per Watt: 56
 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'	19 17 19	17 11 17	5 4 5
2'	62 61 62	51 41 51	25 24 25
3'	69 69 69	54 51 54	38 38 38
4'	57 57 57	44 44 44	39 39 39
5'	43 44 43	34 34 34	34 34 34
6'	32 33 32	26 26 26	28 28 28
7'	24 24 24	20 20 20	22 23 22
8'	18 19 18	15 16 15	18 18 18
9'	14 14 14	12 12 12	14 15 14
10'	11 11 11	10 10 10	12 12 12

Example: Two luminaires located 3' from wall and spaced 3' on center, the illumination on the wall 3' down from ceiling will be 34fc beneath units and 41fc 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); 4000K / 82 CRI (x 1.04)