

# GD4DS / ISD400

## 4" Gravity Square Tunable White LED Downlight

### 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)
- Adjustable collar height 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

- 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 and filter media 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 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.

### REFLECTOR

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. 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: 95°F (35°C).

### ACCESSORIES

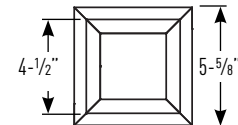
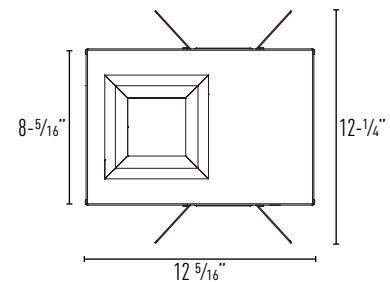
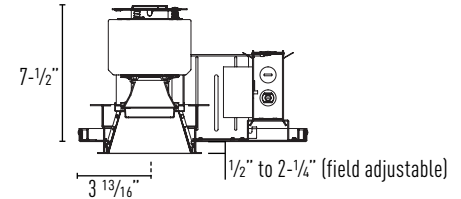
Luminaire will accommodate (2) accessories, accessory holder required.

### LISTING / WARRANTY

- ETL Listed to US and Canadian standards for damp 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: GD4DSTW1-ED10V01-NF)

Housing	Wattage	CCT / CRI	Dimming	Voltage	Optic
GD4DS	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: ISD400HZ-SF)

Reflector	Reflector Finish	Trim
ISD400	HZ (Haze)	-SF (Self Flanged)
	W (White)	-SFW (Self Flanged White)
	C (Clear)	
	B' (Black)	
	WHT' (Wheat)	

### Accessories

LH63	(Black Accessory Holder)
LH63W	(White Accessory Holder)
PFL2-63	(Linear Spread Lens)
PFL4-63	(Solite Soft Focus Lens)
PFLMB-63	(Black Hex Louver)
I100	(C-Channel Bar Hangers)
I200	(Flat Bar Hangers)
I400	(Wood Joist Bar Hangers)

### 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

GRAVITY LMB119.22 P-9

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](http://www.intenselighting.com). For a printed copy of the warranty, you may call 800 961-5321.

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# GD4DR / IRD402

4" Gravity TunableWhite LED Lensed Downlight - Wet Location

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

## 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

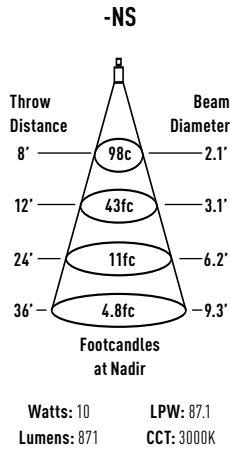
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

## GD4DSL1 ISD400

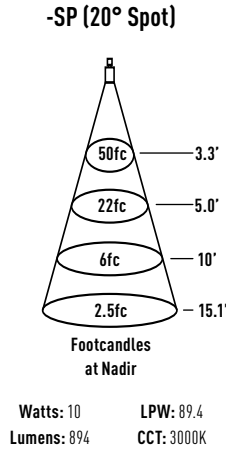
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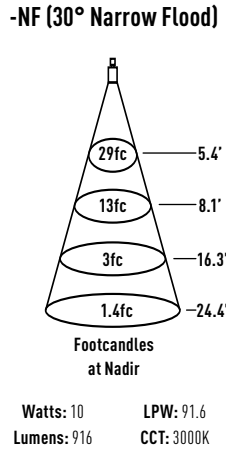
	82 CRI	92 CRI
2700K	(x 0.95)	(x 0.79)
3000K	(x 1.00)	(x 0.82)
3500K	(x 1.02)	(x 0.85)
4000K	(x 1.03)	(x 0.88)



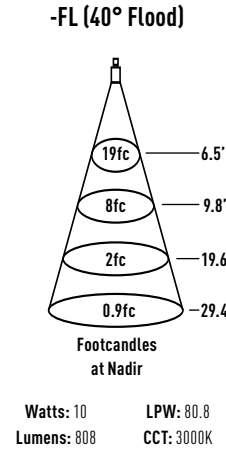
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45°	27



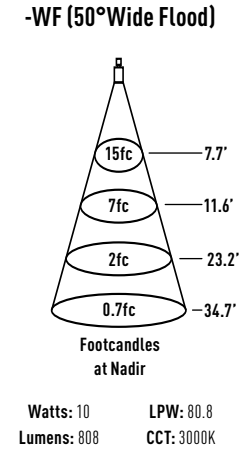
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Degree	CBCP
0°	3203
5°	2874
15°	1112
25°	430
35°	64
45°	33



Luminance	
Degree	CBCP
0°	1856
5°	1767
15°	1179
25°	560
35°	107
45°	39



Luminance	
Degree	CBCP
0°	1196
5°	1148
15°	860
25°	483
35°	176
45°	70



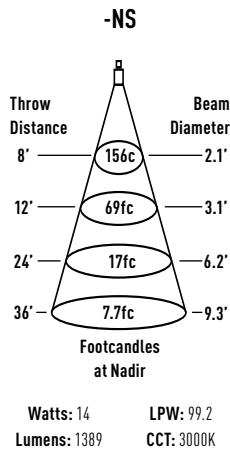
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45°	78

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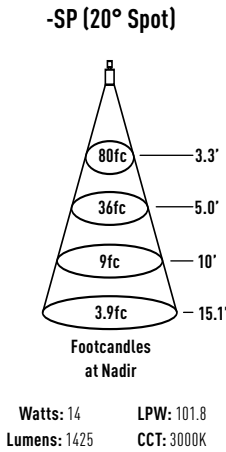
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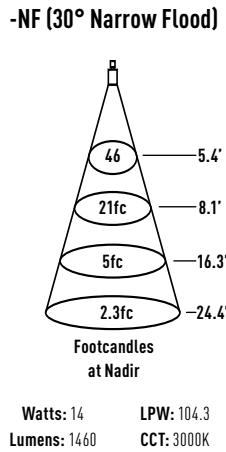
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2700K	(x 0.95)	(x 0.79)
3000K	(x 1.00)	(x 0.82)
3500K	(x 1.02)	(x 0.85)
4000K	(x 1.03)	(x 0.88)



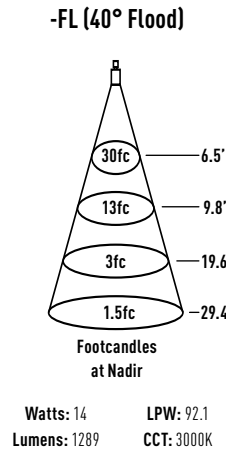
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Degree	CBCP
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5°	7240
15°	1101
25°	655
35°	74
45°	44



Luminance	
Degree	CBCP
0°	5107
5°	4583
15°	1774
25°	686
35°	103
45°	53



Luminance	
Degree	CBCP
0°	2960
5°	2817
15°	1879
25°	893
35°	170
45°	62



Luminance	
Degree	CBCP
0°	1907
5°	1831
15°	1372
25°	771
35°	280
45°	111



Luminance	
Degree	CBCP
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5°	1498
15°	1275
25°	808
35°	324
45°	124

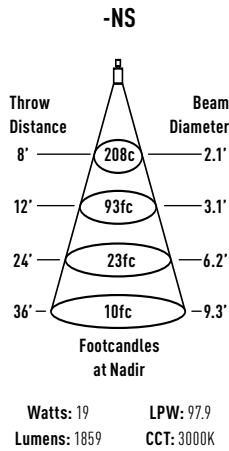
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

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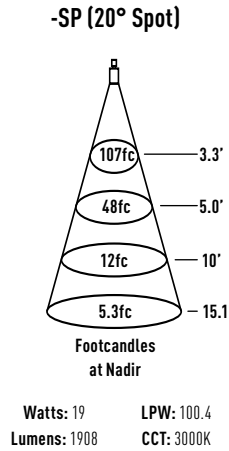
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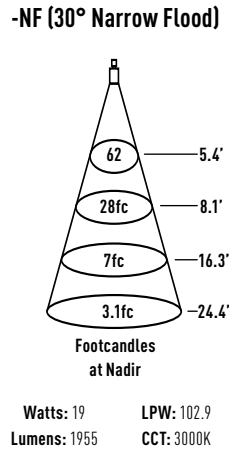
	82 CRI	92 CRI
2700K	(x 0.95)	(x 0.79)
3000K	(x 1.00)	(x 0.82)
3500K	(x 1.02)	(x 0.85)
4000K	(x 1.03)	(x 0.88)



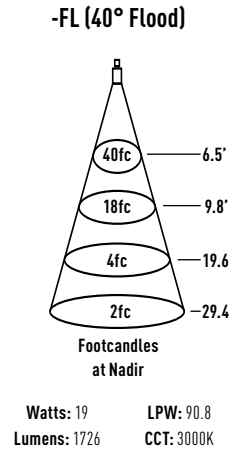
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15°	1474
25°	877
35°	99
45°	59



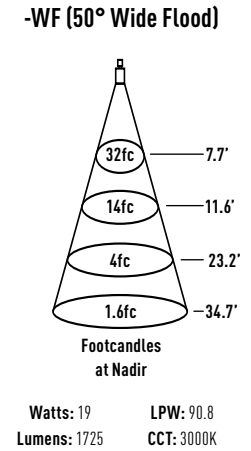
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Degree	CBCP
0°	6839
5°	6137
15°	2375
25°	918
35°	137
45°	71



Luminance	
Degree	CBCP
0°	3963
5°	3772
15°	2516
25°	1195
35°	228
45°	83



Luminance	
Degree	CBCP
0°	2553
5°	2452
15°	1837
25°	1032
35°	375
45°	148



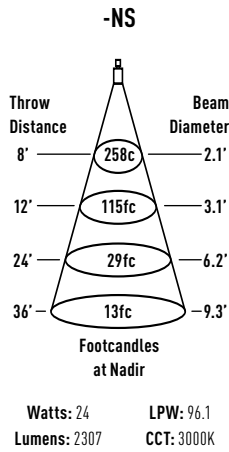
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25°	1082
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45°	166

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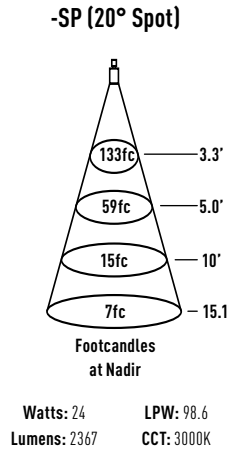
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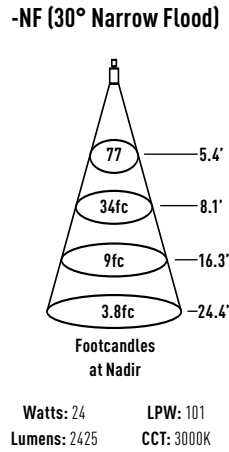
	82 CRI	92 CRI
2700K	(x 0.95)	(x 0.79)
3000K	(x 1.00)	(x 0.82)
3500K	(x 1.02)	(x 0.85)
4000K	(x 1.03)	(x 0.88)



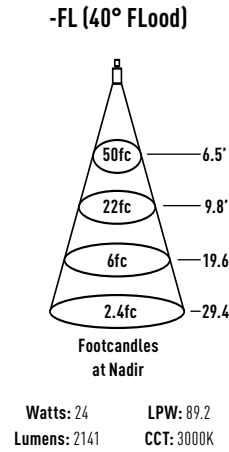
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Degree	CBCP
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25°	1088
35°	12
45°	73



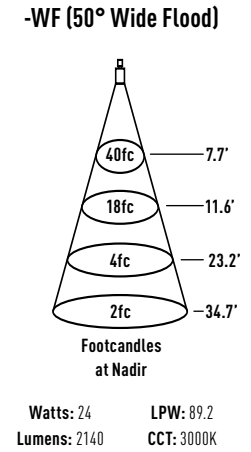
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15°	2946
25°	1139
35°	170
45°	88



Luminance	
Degree	CBCP
0°	4917
5°	4680
15°	3122
25°	1483
35°	283
45°	103



Luminance	
Degree	CBCP
0°	3167
5°	3041
15°	2279
25°	1280
35°	466
45°	184



Luminance	
Degree	CBCP
0°	2535
5°	2489
15°	2117
25°	1342
35°	539
45°	205