

GD4DS / ISD402

4" Gravity Square TunableWhite LED Lensed Downlight - 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)
- 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 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

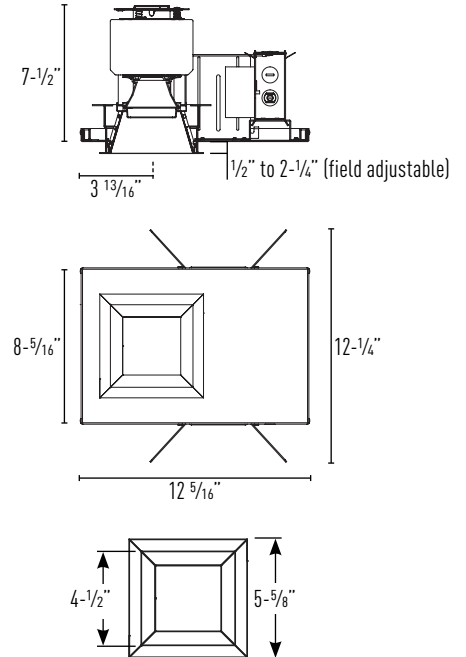
Specification grade reflector with 1.5mm thickness. Reflector available in haze, white, clear, black or wheat finish. Consult factory for other colors. Regressed lens available in two lens types; Clear Tempered or Solite. Architectural, discrete polished self flange standard. Optional painted white flange 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: 95°F (35°C).

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.



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: ISD402HZ-SF-CR)

Reflector	Reflector Finish	Trim	Lens Type	Accessories	Replacement Optics
ISD402	HZ (Haze)	-SF (Self Flanged)	-CR (Clear Tempered)	1100 (C-Channel Bar Hangers)	IP-OP63SP (20° Spot Optic)
	W (White)	-SFW (Self Flanged White)	-SL (Solite)	1200 (Flat Bar Hangers)	IP-OP63NF (30° Narrow Flood Optic)
	C (Clear)			1400 (Wood Joist Bar Hangers)	IP-OP63FL (40° Flood Optic)
	B' (Black)				IP-OP63WF (50° Wide Flood Optic)
	WHT' (Wheat)				

Notes:
 1. Consult factory for lead times

GRAVITY LM0119.22 P-13

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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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

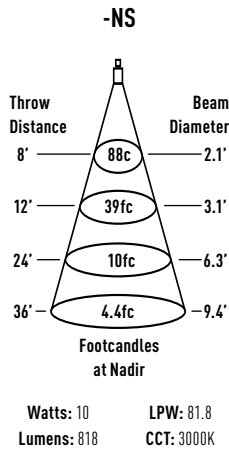
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

GD4DSL1 ISD402

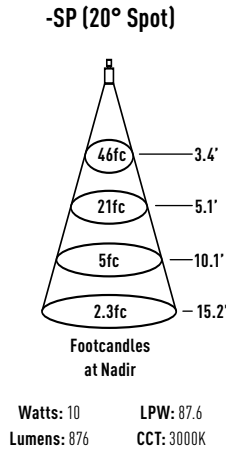
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CCT MULTIPLIERS:

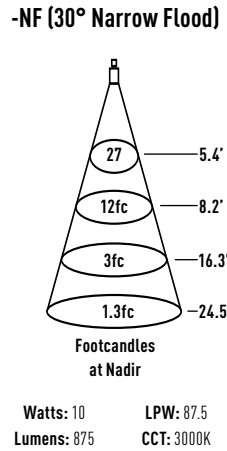
	82 CRI	92 CRI
2700K	(x 0.95)	(x 0.79)
3000K	(x 1.00)	(x 0.82)
3500K	(x 1.02)	(x 0.85)
4000K	(x 1.03)	(x 0.88)



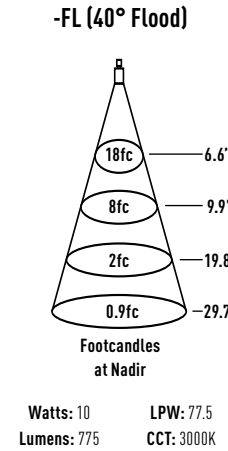
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25°	387
35°	48
45°	27



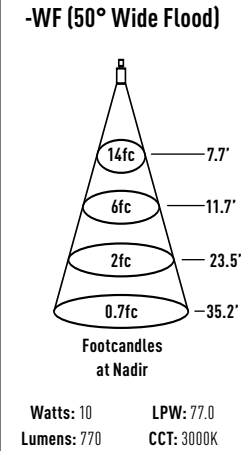
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25°	447
35°	76
45°	35



Luminance	
Degree	CBCP
0°	1737
5°	1655
15°	1103
25°	539
35°	108
45°	39



Luminance	
Degree	CBCP
0°	1127
5°	1083
15°	813
25°	464
35°	173
45°	69



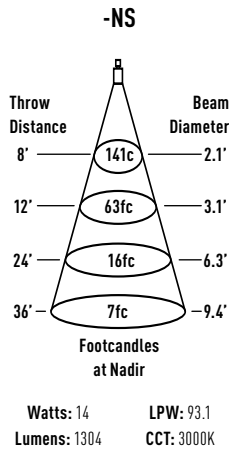
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Degree	CBCP
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5°	874
15°	745
25°	481
35°	200
45°	79

GD4DSL2 ISD402

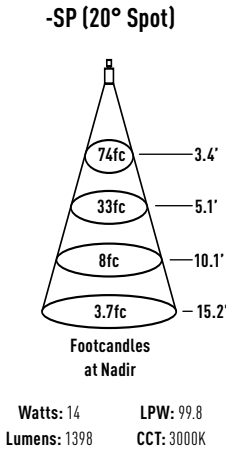
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CCT MULTIPLIERS:

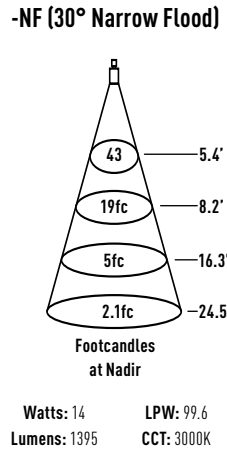
	82 CRI	92 CRI
2700K	(x 0.95)	(x 0.79)
3000K	(x 1.00)	(x 0.82)
3500K	(x 1.02)	(x 0.85)
4000K	(x 1.03)	(x 0.88)



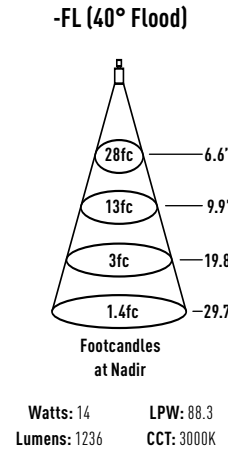
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Degree	CBCP
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15°	1048
25°	618
35°	76
45°	43



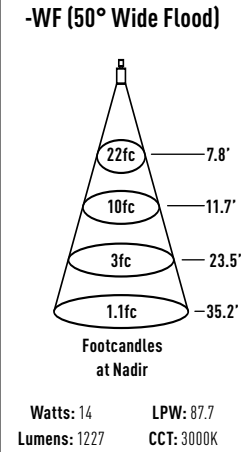
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15°	1671
25°	713
35°	121
45°	56



Luminance	
Degree	CBCP
0°	2770
5°	2638
15°	1759
25°	860
35°	172
45°	62



Luminance	
Degree	CBCP
0°	1798
5°	1727
15°	1296
25°	740
35°	275
45°	110



Luminance	
Degree	CBCP
0°	1418
5°	1393
15°	1188
25°	766
35°	318
45°	125

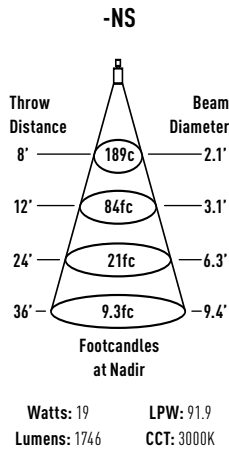
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

GD4DSL3 ISD402

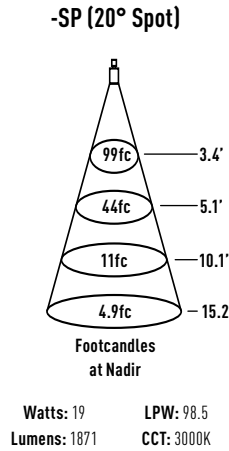
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CCT MULTIPLIERS:

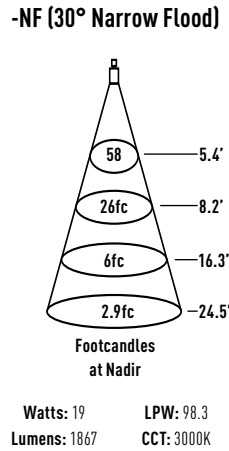
	82 CRI	92 CRI
2700K	(x 0.95)	(x 0.79)
3000K	(x 1.00)	(x 0.82)
3500K	(x 1.02)	(x 0.85)
4000K	(x 1.03)	(x 0.88)



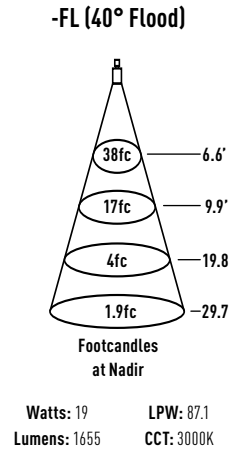
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25°	827
35°	102
45°	58



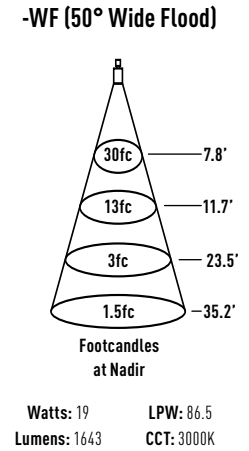
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Degree	CBCP
0°	6337
5°	5683
15°	2237
25°	954
35°	162
45°	75



Luminance	
Degree	CBCP
0°	3709
5°	3533
15°	2355
25°	1151
35°	231
45°	84



Luminance	
Degree	CBCP
0°	2407
5°	2312
15°	1735
25°	991
35°	369
45°	148



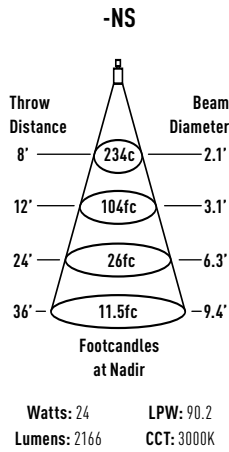
Luminance	
Degree	CBCP
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5°	1865
15°	1591
25°	1026
35°	426
45°	168

GD4DSL4 ISD402

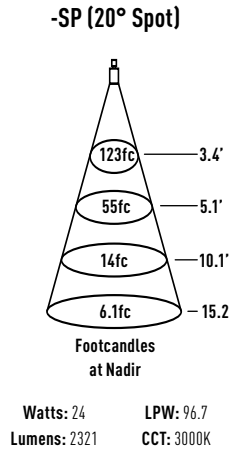
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CCT MULTIPLIERS:

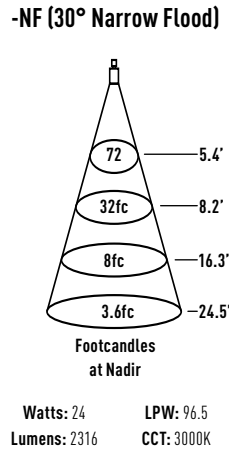
	82 CRI	92 CRI
2700K	(x 0.95)	(x 0.79)
3000K	(x 1.00)	(x 0.82)
3500K	(x 1.02)	(x 0.85)
4000K	(x 1.03)	(x 0.88)



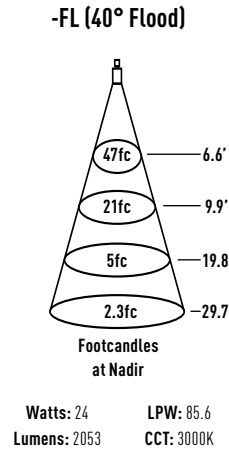
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25°	1026
35°	126
45°	72



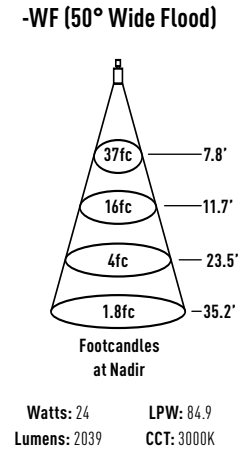
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Degree	CBCP
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5°	7050
15°	2775
25°	1184
35°	201
45°	93



Luminance	
Degree	CBCP
0°	4601
5°	4382
15°	2921
25°	1428
35°	286
45°	104



Luminance	
Degree	CBCP
0°	2986
5°	2868
15°	2152
25°	1229
35°	457
45°	183



Luminance	
Degree	CBCP
0°	2356
5°	2314
15°	1974
25°	1273
35°	529
45°	208