

GC4DR

4" Gravity LED Downlight Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA: (Data Based On 3000K/82CRI Configuration)

LED Light Engine	Nominal Delivered Lumen*	System Wattage**	Efficacy	LED Light Engine	Nominal Delivered Lumen*	System Wattage**	Efficacy
L1	1000lm	10W	100 lm/W	L6	3500lm	36W	97 lm/W
L2	1500lm	14W	107 lm/W	L7	4000lm	43W	93 lm/W
L3	2000lm	19W	105 lm/W	L8	4500lm	46W	98 lm/W
L4	2500lm	24W	104 lm/W	L9	5000lm	54W	93 lm/W
L5	3000lm	30W	100 lm/W				

*System Wattage include driver and LED Module consumption. / ** Delivered lumens will vary depending on CCT, CRI and optic selection

FEATURES

- High performance cylinder extruded from aluminum in durable powder coat finishes
- Control protocols from ELV, 0-10V, 2-Wire, DALI and DMX with options available in 0.1% and dim-to-dark

LED LIGHT ENGINE

- 82/92 CRI at 2700K, 3000K, 3500K & 4000K
- 2 Step MacAdam (2 SDCM)d
- Rated life of >50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

DIMMING

- Phase Dimming 120V only, Forward 1% / Reverse 5%
- 0-10V Dimming 1%
- eldoLED 0-10V 0.1% or 1%
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
- DMX512 RDM 0.1% (Available with aircraft cable only)

OPTICS

- 14° Narrow Spot, 20° Spot, 30° Narrow Flood, 40° Flood and 50° Wide Flood

- Optics and filter media are field customizable

ELECTRICAL SYSTEM

- Dedicated voltage options of 120V, 277V or 347V. Must be specified in catalog code. Consult factory for 347V
- 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.

REMOTE DRIVER & EMERGENCY BACKUP OPTIONS

For remote driver or emergency backup options please see [GC4DRREM](#)

REFLECTOR

Specification grade reflector with 1.5mm thickness. Reflector available in haze, white, clear or black finish. Consult factory for other colors. Architectural, discrete polished self flange standard. Meets RP-1 requirements with controlled light distribution at a 55° cut off.

MOUNTING

- Surface mount for direct installation to 3" or 4" Octagonal J-Box.
- 144" Aircraft cable is supplied with canopy assembly.
- Aircraft cable with DMX dimming, supplied with smart canopy.
- Wall mount bracket for installation to 4" Octagonal J-Box.
- Pendant stems supplied with complete canopy assembly.
- Supplied aircraft cables and slope pendant stems are cuttable and can be modified in the field.

ACCESSORIES

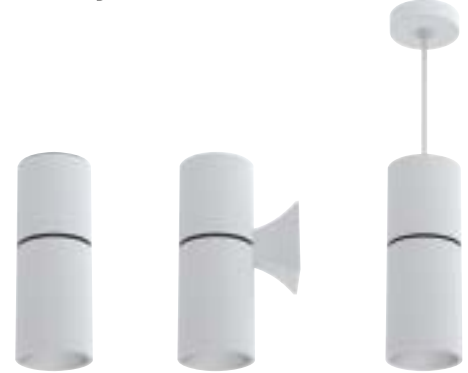
Luminaire will accommodate (2) accessories, accessory holder required.

LISTING / WARRANTY

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



Gravity™



Dimension are on Page 2

Cylinder Part Number (Example: GC4DR4L230D10127NSWWP12)

Cylinder	Wattage	CCT / CRI	Dimming	Voltage	Optic	Cylinder Finish	Reflector	Mounting
GC4DR	L1 (10W)	27 (2700K / 82 CRI)	DIM ¹ (Phase Dimming)	blank (120V/227V)	NS ⁴ (14° Narrow Spot)	W (White)	W (White)	C144 (144" Aircraft Cable)
	L2 (14W)	279 (2700K / 92 CRI)	D101 (0-10V Dimming 1%)	34 ⁵ (347V)	SP (20° Spot)	B (Black)	HZ (Haze)	P12 (12" Slope Pendant)
	L3 (19W)	30 (3000K / 82 CRI)	ED10V1 (eldoLED 0-10V 1%)		NF (30° Narrow Flood)		C (Clear)	P24 (24" Slope Pendant)
	L4 (24W)	309 (3000K / 92 CRI)	ED10V01 (eldoLED 0-10V 0.1%)		FL (40° Flood)		B ⁶ (Black)	P36 (36" Slope Pendant)
	L5 (30W)	35 (3500K / 82 CRI)	LUT ² (Lutron® LDE1 EcoSystem 1%)		WF (50° Wide Flood)			P48 (48" Slope Pendant)
	L6 (36W)	359 (3500K / 92 CRI)	DMXR ³ (DMX512 RDM 0.1%)					P96 (96" Slope Pendant)
	L7 (43W)	40 (4000K / 82 CRI)						WB (Wall Bracket)
	L8 (46W)	409 (4000K / 92 CRI)						S (Surface)
	L9 (54W)							

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)

Notes:

- Available in 120V only; not available with L9
- Lutron® dimming not available in L9
- Not available with L1 & L2.
- 14° Optic not available in L8 & L9
- Consult factory for lead times
- Special order, consult factory for lead times

GRAVITY-CYLINDER LHM-0317,26 P-1

INTENSE LIGHTING | 725 Landwehr Road, Northbrook, IL 60062 | tel 714 630-9877 | fax 847 559-5505

For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 714 630-9877.

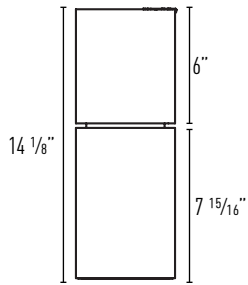
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GC4DR

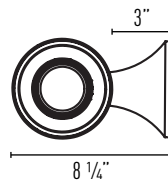
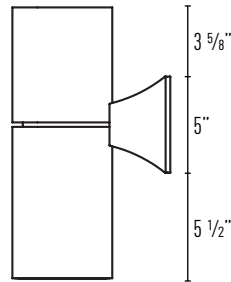
4" Gravity LED Downlight Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

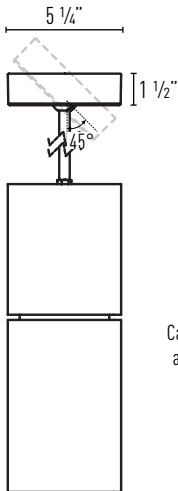
Surface Mount



Wall Mount

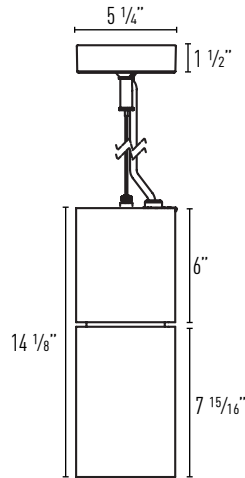


Slope Pendant Mount



Canopy can be mounted at a maximum angle of 45°

Aircraft Cable



JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

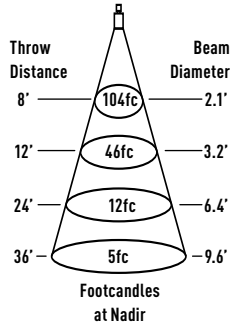
GC4DRL1 HZ

Report #: ILL20181221-2.001
 ILL20181212-2.001
 ILL20181212-5.001
 ILL20181212-8.002
 ILL20181212-11.001

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)

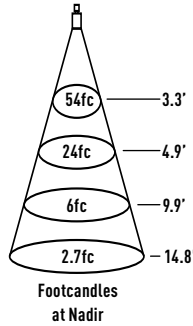
-NS (14° Narrow Spot)



Watts: 10 LPW: 83.4
 Lumens: 834 CCT: 3000K

Luminance	
Degree	CBCP
0°	6635
5°	4992
15°	770
25°	394
35°	40
45°	20

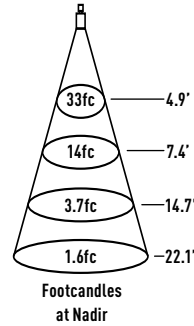
-SP (20° Spot)



Watts: 10 LPW: 88.4
 Lumens: 884 CCT: 3000K

Luminance	
Degree	CBCP
0°	3461
5°	3073
15°	1156
25°	454
35°	70
45°	30

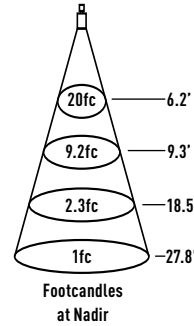
-NF (30° Narrow Flood)



Watts: 10 LPW: 87.9
 Lumens: 879 CCT: 3000K

Luminance	
Degree	CBCP
0°	2128
5°	1984
15°	1227
25°	552
35°	102
45°	33

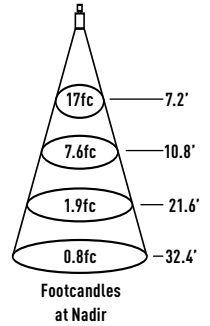
-FL (40° Flood)



Watts: 10 LPW: 78.4
 Lumens: 784 CCT: 3000K

Luminance	
Degree	CBCP
0°	1328
5°	1269
15°	923
25°	488
35°	172
45°	62

-WF (50° Wide Flood)



Watts: 10 LPW: 78.9
 Lumens: 789 CCT: 3000K

Luminance	
Degree	CBCP
0°	1097
5°	1069
15°	869
25°	516
35°	201
45°	71

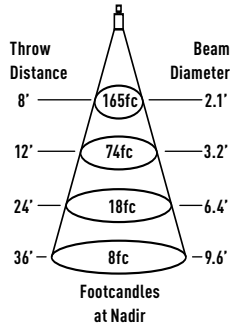
GC4DRL2 HZ

Report #: ILL20181221-2.002
 ILL20181212-2.002
 ILL20181212-5.002
 ILL20181212-8.002
 ILL20181212-11.002

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)

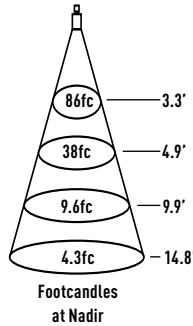
-NS (14° Narrow Spot)



Watts: 14 LPW: 95
 Lumens: 1330 CCT: 3000K

Luminance	
Degree	CBCP
0°	10579
5°	7960
15°	1228
25°	629
35°	63
45°	31

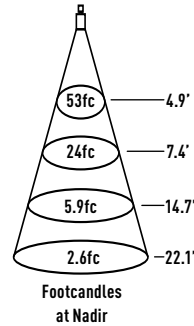
-SP (20° Spot)



Watts: 14 LPW: 100.7
 Lumens: 1410 CCT: 3000K

Luminance	
Degree	CBCP
0°	5518
5°	4901
15°	1843
25°	724
35°	111
45°	47

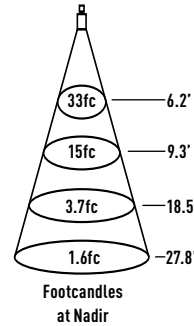
-NF (30° Narrow Flood)



Watts: 14 LPW: 100.7
 Lumens: 1402 CCT: 3000K

Luminance	
Degree	CBCP
0°	3394
5°	3163
15°	1956
25°	881
35°	163
45°	53

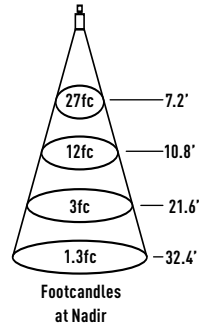
-FL (40° Flood)



Watts: 14 LPW: 89.3
 Lumens: 1250 CCT: 3000K

Luminance	
Degree	CBCP
0°	2117
5°	2024
15°	1472
25°	779
35°	274
45°	100

-WF (50° Wide Flood)



Watts: 14 LPW: 89.8
 Lumens: 1258 CCT: 3000K

Luminance	
Degree	CBCP
0°	1749
5°	1705
15°	1386
25°	822
35°	320
45°	113

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

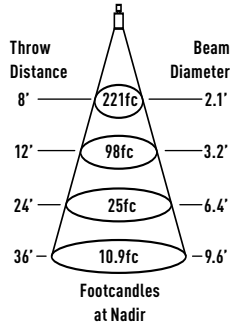
GC4DRL3 HZ

Report #: ILL20181221-2.003
 ILL20181212-2.003
 ILL20181212-5.003
 ILL20181212-8.003
 ILL20181212-11.003

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)

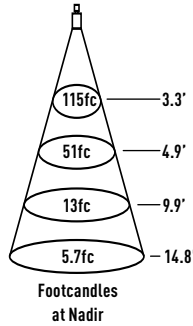
-NS (14° Narrow Spot)



Watts: 19 LPW: 93.7
 Lumens: 1780 CCT: 3000K

Luminance	
Degree	CBCP
0°	14166
5°	10658
15°	1644
25°	842
35°	85
45°	42

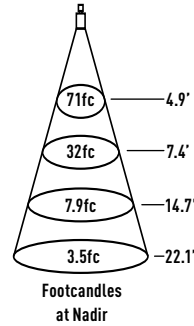
-SP (20° Spot)



Watts: 19 LPW: 99.3
 Lumens: 1888 CCT: 3000K

Luminance	
Degree	CBCP
0°	7389
5°	6562
15°	2468
25°	969
35°	149
45°	63

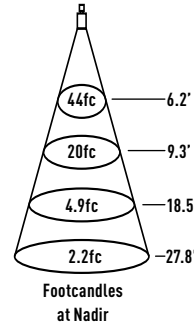
-NF (30° Narrow Flood)



Watts: 19 LPW: 98.8
 Lumens: 1877 CCT: 3000K

Luminance	
Degree	CBCP
0°	4545
5°	4236
15°	2619
25°	1179
35°	219
45°	71

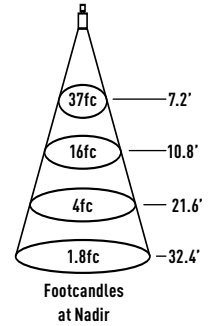
-FL (40° Flood)



Watts: 19 LPW: 88.1
 Lumens: 1673 CCT: 3000K

Luminance	
Degree	CBCP
0°	2835
5°	2710
15°	1970
25°	1042
35°	367
45°	133

-WF (50° Wide Flood)



Watts: 19 LPW: 88.6
 Lumens: 1684 CCT: 3000K

Luminance	
Degree	CBCP
0°	2341
5°	2282
15°	1855
25°	1101
35°	428
45°	151

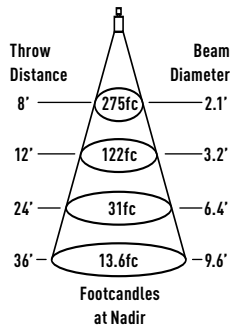
GC4DRL4 HZ

Report #: ILL20181221-2.004
 ILL20181212-2.004
 ILL20181212-5.004
 ILL20181212-8.004
 ILL20181213-11.004

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)

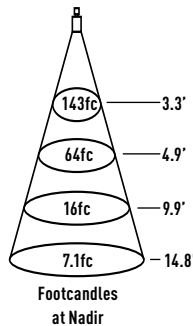
-NS (14° Narrow Spot)



Watts: 24 LPW: 92
 Lumens: 2208 CCT: 3000K

Luminance	
Degree	CBCP
0°	17573
5°	13221
15°	2039
25°	1044
35°	105
45°	52

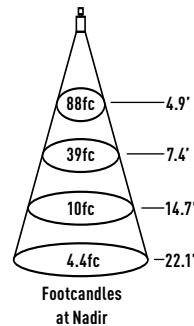
-SP (20° Spot)



Watts: 24 LPW: 97.6
 Lumens: 2342 CCT: 3000K

Luminance	
Degree	CBCP
0°	9166
5°	8140
15°	3062
25°	1202
35°	185
45°	78

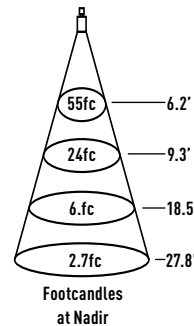
-NF (30° Narrow Flood)



Watts: 24 LPW: 97
 Lumens: 2328 CCT: 3000K

Luminance	
Degree	CBCP
0°	5638
5°	5255
15°	3249
25°	1463
35°	271
45°	88

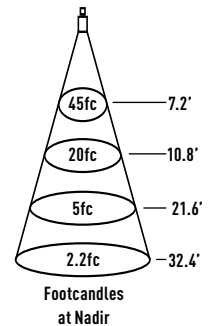
-FL (40° Flood)



Watts: 24 LPW: 86.5
 Lumens: 2076 CCT: 3000K

Luminance	
Degree	CBCP
0°	3517
5°	3362
15°	2444
25°	1293
35°	455
45°	165

-WF (50° Wide Flood)



Watts: 24 LPW: 87
 Lumens: 2089 CCT: 3000K

Luminance	
Degree	CBCP
0°	2905
5°	2831
15°	2302
25°	1365
35°	531
45°	187

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

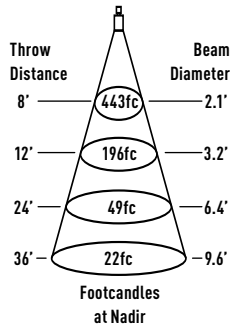
GC4DRL7 HZ

Report #: ILL20181221-2.003
 ILL20181212-2.003
 ILL20181212-5.003
 ILL20181212-8.003
 ILL20181212-11.003

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)

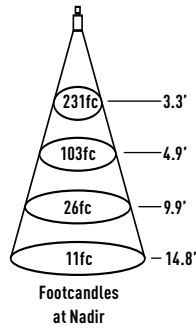
-NS (14° Narrow Spot)



Watts: 41 LPW: 86.9
 Lumens: 3561 CCT: 3000K

Luminance	
Degree	CBCP
0°	28331
5°	21316
15°	3288
25°	1684
35°	170
45°	84

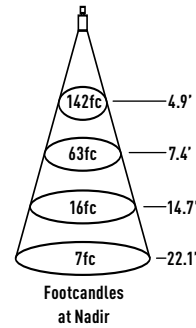
-SP (20° Spot)



Watts: 41 LPW: 92.1
 Lumens: 3775 CCT: 3000K

Luminance	
Degree	CBCP
0°	14778
5°	13124
15°	4936
25°	1938
35°	297
45°	126

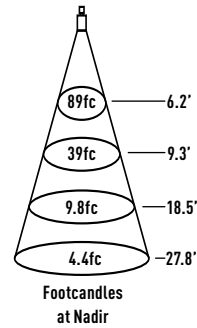
-NF (30° Narrow Flood)



Watts: 41 LPW: 91.5
 Lumens: 3753 CCT: 3000K

Luminance	
Degree	CBCP
0°	9089
5°	8472
15°	5239
25°	2358
35°	437
45°	142

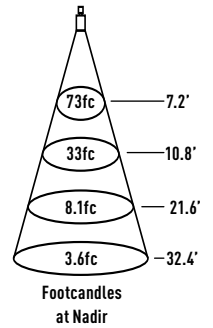
-FL (40° Flood)



Watts: 41 LPW: 81.6
 Lumens: 3347 CCT: 3000K

Luminance	
Degree	CBCP
0°	5670
5°	5421
15°	3941
25°	2085
35°	733
45°	267

-WF (50° Wide Flood)



Watts: 41 LPW: 82.1
 Lumens: 3368 CCT: 3000K

Luminance	
Degree	CBCP
0°	4683
5°	4565
15°	3711
25°	2201
35°	857
45°	302