

GC6DR

6" Gravity LED Downlight Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

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

LED Light Engine	Nominal Delivered Lumens *	System Wattage **	Efficacy	LED Light Engine	Nominal Delivered Lumens *	System Wattage **	Efficacy
L1	1000lm	9W	111 lm/W	L7	4000lm	34W	118 lm/W
L2	1500lm	11W	136 lm/W	L8	4500lm	41W	109 lm/W
L3	2000lm	13W	154 lm/W	L9	5000lm	47W	106 lm/W
L4	2500lm	17W	147 lm/W	L10	6000lm	49W	122 lm/W
L5	3000lm	22W	136 lm/W	L11	7000lm	58W	121 lm/W
L6	3500lm	28W	125 lm/W				

* Delivered lumen output will vary depending on CCT, CRI, optic and reflector finish. | ** System Wattage include driver and LED Module consumption.

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

OPTICS

- 14° Narrow Spot, 20° Spot, 30° Narrow Flood, 40° Flood, 50° Wide Flood and 60° Very Wide Flood
- Optics and filter media are field interchangeable

ELECTRICAL SYSTEM

- 120V-277V Power factor >.9, 50/60Hz
- 347V available, consult factory
- 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 5% (120V only)
- 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%

REFLECTOR

Specification grade reflector with 1.5mm thickness. Reflector available in black, clear specular, haze or white. Meets RP-1 requirements with controlled light distribution at a 60° cut off.

ACCESSORIES

Luminaire accepts (1) media filter and (1) hex cell louver.

MOUNTING

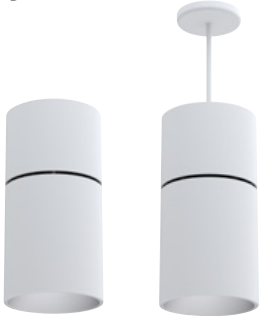
- Surface mount for direct installation to 3" or 4" Octagonal J-Box.
- 144" Aircraft cable is supplied with canopy assembly
- Pendant stems supplied with complete canopy assembly.
- Supplied aircraft cables and slope pendant stems are cuttable and can be modified in the field.
- Stem length available in 12, 18, 24, 36 or 48-inch

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: GC6DRL327-DIM-NSWHZP12)

Cylinder	Wattage		CCT / CRI		Dimming		Optic			
GC6DR	L1 ¹	(10W)	L7	(36W)	27	(2700K/82CRI)	-DIM ⁴	(Phase Dimming 5%)	-NS ⁶	(14° Narrow Spot)
	L2 ¹	(12W)	L8	(43W)	279	(2700K/92 CRI)	-D101	(0-10V Dimming 1%)	-SP	(20° Spot)
	L3	(14W)	L9	(49W)	30	(3000K/82 CRI)	-ED10V1 ²	(eldoLED 0-10V 1%)	-NF	(30° Narrow Flood)
	L4	(18W)	L10	(50W)	309	(3000K/92 CRI)	-ED10V01 ²	(eldoLED 0-10V 0.1%)	-FL	(40° Flood)
	L5	(23W)	L11	(60W)	35	(3500K/82 CRI)	-LUT ³	(Lutron® LDE1 EcoSystem 1%)	-WF ⁷	(50° Wide Flood)
	L6	(30W)			359	(3500K/92 CRI)	-DMXR ⁵	(DMX512 RDM 0.1%)	-VF ⁸	(60° Very Wide Flood)
					40	(4000K/82 CRI)				
					409	(4000K/92 CRI)				

Cylinder Finish	Reflector Finish	Mounting
W (White)	W (White)	C144 (144" Aircraft Cable)
B (Black)	HZ (Haze)	P12 (12" Slope Pendant)
	C (Clear)	P24 (24" Slope Pendant)
	B ⁹ (Black)	P36 ¹⁰ (36" Slope Pendant)
		P48 (48" Slope Pendant)
		P96 ¹¹ (96" Slope Pendant)
		S (Surface)

Notes:

- L1 & L2 only available with -D101
- eldoLED dimming available with L3-L10
- Lutron® dimming available with L3-L8
- Available in 120V only
- DMX512 RDM available with L4-L11
- 14° Optic (NS) available on L1-L9 only
- 50° for L1-L9 only accepts (1) media filter
- 60° Optic (VF) available on L10-L11. Accepts only one filter media accessory.
- Consult factory for lead times
- Special order. Note: 36" Pendant is made with (1) 12" & 24" w/ coupler
- (2) 48" Stems with coupler

Accessories

PFL2-111	(Linear Spread)
PFL4-111	(Solite Soft Focus Lens)
PFLMB-111	(Black Hex Louver)

CYLINDERS-GRAVITY LJM-0522-25 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.

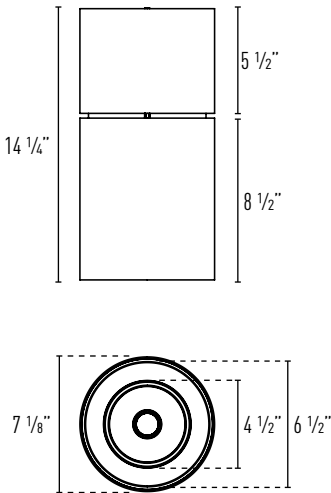
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GC6DR

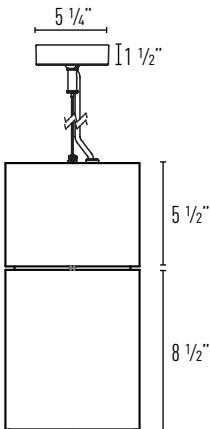
6" Gravity LED Downlight Cylinder

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

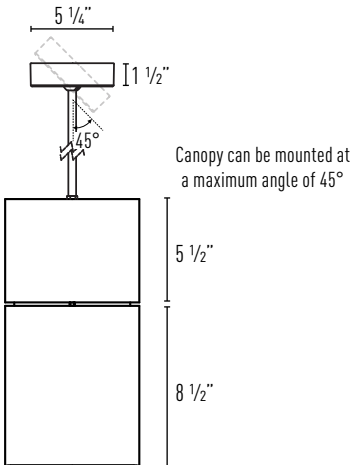
Surface Mount



Aircraft Cable



Pendant Mount



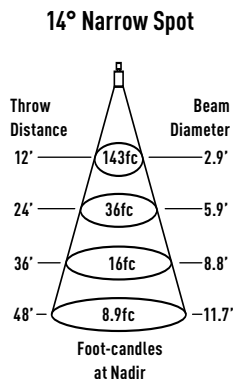
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

GC6DRL330HZ

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 ILL20191217-7.001 (30)
 ILL20191217-14.001 (40)
 ILL20191218-5.001 (50)

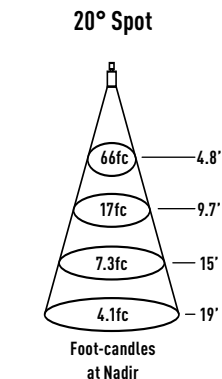
CCT MULTIPLIERS:

	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)



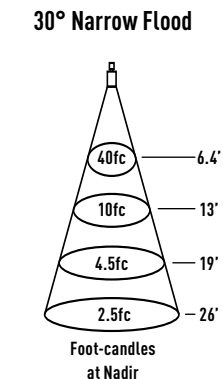
Watts: 13 LPW: 162
 Lumens: 2112 CCT: 3000K

Intensity	
Degree	CBCP
0°	20572
5°	15552
15°	1738
25°	832
35°	46
45°	35



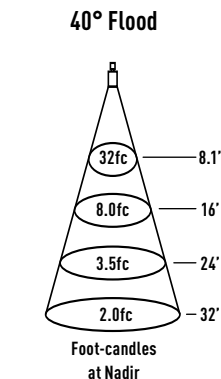
Watts: 13 LPW: 158
 Lumens: 2053 CCT: 3000K

Intensity	
Degree	CBCP
0°	9494
5°	8077
15°	2830
25°	863
35°	70
45°	47



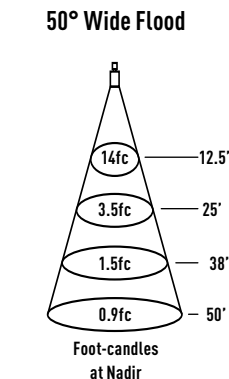
Watts: 13 LPW: 156
 Lumens: 2031 CCT: 3000K

Intensity	
Degree	CBCP
0°	5821
5°	5453
15°	2888
25°	1219
35°	99
45°	37



Watts: 13 LPW: 154
 Lumens: 2005 CCT: 3000K

Intensity	
Degree	CBCP
0°	4596
5°	4405
15°	2942
25°	1301
35°	107
45°	48



Watts: 13 LPW: 139
 Lumens: 1806 CCT: 3000K

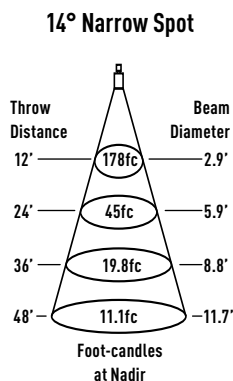
Intensity	
Degree	CBCP
0°	2008
5°	1965
15°	1663
25°	1167
35°	565
45°	196

GC6DRL430HZ

Report #: ILL20191216-4.002 (14)
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 ILL20191217-7.002 (30)
 ILL20191217-14.002 (40)
 ILL20191218-5.002 (50)

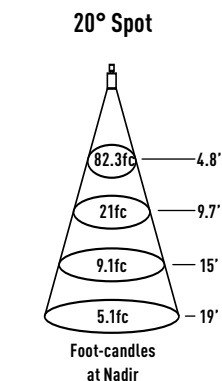
CCT MULTIPLIERS:

	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)



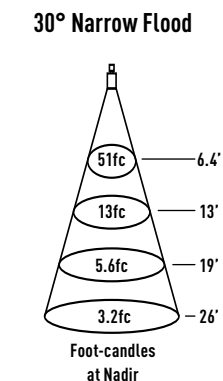
Watts: 17 LPW: 155
 Lumens: 2636 CCT: 3000K

Intensity	
Degree	CBCP
0°	25682
5°	19415
15°	2170
25°	1039
35°	57
45°	44



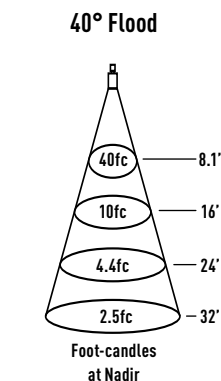
Watts: 17 LPW: 151
 Lumens: 2563 CCT: 3000K

Intensity	
Degree	CBCP
0°	11852
5°	10084
15°	3533
25°	1078
35°	87
45°	59



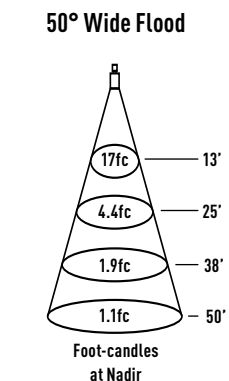
Watts: 17 LPW: 149
 Lumens: 2535 CCT: 3000K

Intensity	
Degree	CBCP
0°	7266
5°	6807
15°	3605
25°	1521
35°	123
45°	46



Watts: 17 LPW: 147
 Lumens: 2503 CCT: 3000K

Intensity	
Degree	CBCP
0°	5738
5°	5499
15°	3672
25°	1624
35°	134
45°	60



Watts: 17 LPW: 133
 Lumens: 2255 CCT: 3000K

Intensity	
Degree	CBCP
0°	2507
5°	2453
15°	2076
25°	1457
35°	706
45°	245

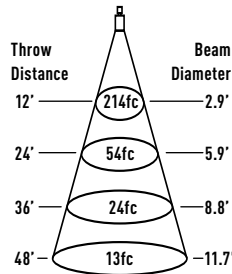
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

GC6DRL530HZ

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 ILL20191217-14.003 (40)
 ILL20191218-5.003 (50)

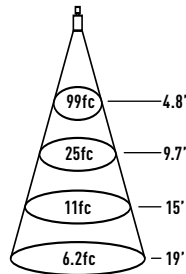
CCT MULTIPLIERS:

	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)

14° Narrow Spot

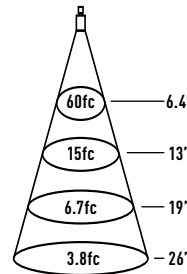
Watts: 22 LPW: 144
 Lumens: 3165 CCT: 3000K

Intensity	
Degree	CBCP
0°	30837
5°	23311
15°	2606
25°	1247
35°	69
45°	53

20° Spot

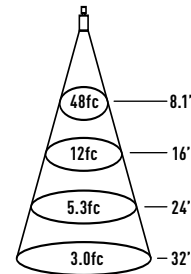
Watts: 22 LPW: 140
 Lumens: 3077 CCT: 3000K

Intensity	
Degree	CBCP
0°	14231
5°	12107
15°	4242
25°	1294
35°	104
45°	71

30° Narrow Flood

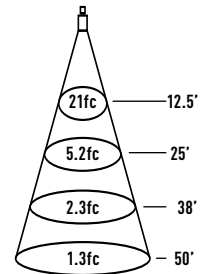
Watts: 23 LPW: 132
 Lumens: 3044 CCT: 3000K

Intensity	
Degree	CBCP
0°	8725
5°	8173
15°	4329
25°	1827
35°	148
45°	55

40° Flood

Watts: 22 LPW: 137
 Lumens: 3005 CCT: 3000K

Intensity	
Degree	CBCP
0°	6889
5°	6602
15°	4409
25°	1950
35°	160
45°	71

50° Wide Flood

Watts: 22 LPW: 123
 Lumens: 2708 CCT: 3000K

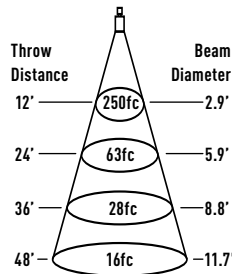
Intensity	
Degree	CBCP
0°	3011
5°	2945
15°	2493
25°	1749
35°	848
45°	294

GC6DRL630HZ

Report #: ILL20191216-4.004 (14)
 ILL20191216-11.004 (20)
 ILL20191217-7.004 (30)
 ILL20191217-14.004 (40)
 ILL20191218-5.004 (50)

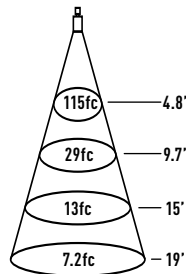
CCT MULTIPLIERS:

	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)

14° Narrow Spot

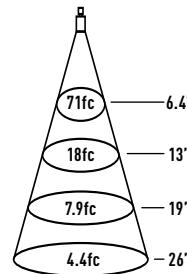
Watts: 28 LPW: 132
 Lumens: 3694 CCT: 3000K

Intensity	
Degree	CBCP
0°	35991
5°	27208
15°	3041
25°	1455
35°	81
45°	62

20° Spot

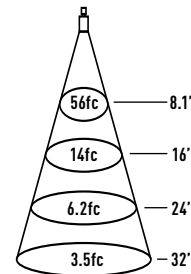
Watts: 28 LPW: 128
 Lumens: 3592 CCT: 3000K

Intensity	
Degree	CBCP
0°	16610
5°	14131
15°	4951
25°	1510
35°	122
45°	83

30° Narrow Flood

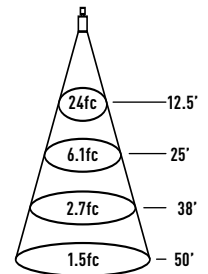
Watts: 28 LPW: 127
 Lumens: 3553 CCT: 3000K

Intensity	
Degree	CBCP
0°	10183
5°	9539
15°	5053
25°	2132
35°	173
45°	95

40° Flood

Watts: 28 LPW: 125
 Lumens: 3507 CCT: 3000K

Intensity	
Degree	CBCP
0°	8040
5°	7706
15°	5146
25°	2276
35°	187
45°	83

50° Wide Flood

Watts: 28 LPW: 113
 Lumens: 3160 CCT: 3000K

Intensity	
Degree	CBCP
0°	3514
5°	3437
15°	2910
25°	2041
35°	989
45°	343