

# GC2DR

## 2" Gravity LED Downlight Cylinder

<b>JOB NAME</b>		<b>CATALOG NUMBER</b>	
<b>NOTES</b>		<b>TYPE</b>	

### ELECTRICAL DATA

LED Light Engine	Nominal Delivered Lumens*	System Wattage**
L1	850lm @ 3000K / 82 CRI	10 Watts
L2	1200lm @ 3000K / 82 CRI	16 Watts
L3	1500lm @ 3000K / 82 CRI	20 Watts

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

### FEATURES

- Field changeable 16° to 60° Optics
- Integral field changeable accessory holder
- High performance cylinder extruded from aluminum in durable powder coat finishes

### LED LIGHT ENGINE

- 10W, 16W & 20W
- 16° to 60° Optics: 2 SDCM, 82/92CRI in 2700K, 3000K, 3500K & 4000K
- Rated life of >50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

### OPTICS

- Field changeable 16° Spot, 24° Narrow Flood, 36° Flood, 48° Wide Flood and 60° Wide Flood
- Accepts (2) field changeable filter media

### ELECTRICAL SYSTEM

- Universal 120-277V input; 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.

### DIMMING

- Forward/reverse phase dimming 1% (120V only)
- 0-10V 1% Dimming 1%
- eldoLED SOLdrive 0-10V 0.1%
- eldoLED ECOdrive 0-10V 1%
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
- DMX512 RDM 0.1% with RJ45 Interface

### REMOTE BOX

- Remote box included when required by specification
- Galvanized steel construction
- Above ceiling access required for servicing
- Separate line voltage and low voltage wiring compartments
- 50ft remote distance maximum

### REFLECTOR

- Specification grade 1.0mm spun aluminum reflector
- Reflector available in White, Black or Haze finishes (consult factory for other finishes)

### MOUNTING

- Fixtures mounts to recessed 3" or 4" octagon J-Box
- Cable mount option require remote driver box for 0-10V, eldoLED, Lutron® & DMXR dimming options)
- Cable / Pendant options are supplied with complete canopy assembly and color matched to housing finish
- Cable mount option are field adjustable
- Pendant mount option is not field cuttable.

### LISTING / WARRANTY

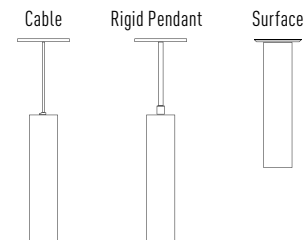
- 5-Year Intense LED Limited Warranty
- ETL Listed to US and Canadian standards for damp locations
- ENERGY STAR® Qualified<sup>8</sup>
- Can be used to comply with 2016 Title 24, Part 6, JA8 high efficacy LED light source requirements<sup>9</sup>



### Available Trim Finishes



### Mounting Options



### Cylinder Part Number (Example: GC2DR2L1279ED10V01NSSVWHT-HISSV)

Cylinder	Height	Wattage	CCT / CRI	Dimming	Optic
GC2DR	2 (12in)	L1 (10W)	27 (2700K / 82 CRI)	DIM <sup>1</sup> (Phase Dimming 1%)	SP (16° SP)
		L2 (16W)	279 (2700K / 92 CRI)	D101 <sup>2</sup> (0-10V Dimming 1%)	NF (24° NFL)
		L3 (20W)	30 (3000K / 82 CRI)	ED10V1 <sup>3</sup> (eldoLED 0-10V 1%)	FL (36° FL)
			309 (3000K / 92 CRI)	ED10V01 <sup>3</sup> (eldoLED 0-10V 0.1%)	WF (48° WFL)
			35 (3500K / 82 CRI)	LUT <sup>3,4</sup> (Lutron® LDE1 EcoSystem 1%)	VF (60° VFL)
			359 (3500K / 92 CRI)	DMXR <sup>3,5</sup> (DMX512 RDM 0.1%)	
			40 (4000K / 82 CRI)		
			409 (4000K / 92 CRI)		

Cylinder Finish	Reflector Finish	Lens	Mounting Type
W (White)	W (White)	blank (No Lens)	C48 <sup>2</sup> (48" Cable)
B (Black)	B <sup>6</sup> (Black)	-SL (Solite)	C96 <sup>2</sup> (96" Cable)
SV <sup>6</sup> (Silver)	HZ (Haze)		R12 (12" Rigid Pendant)
			R24 (24" Rigid Pendant)
			R36 <sup>8</sup> (36" Rigid Pendant)
			R48 (48" Rigid Pendant)
			SW (Surface, White Canopy)
			SB (Surface, Black Canopy)
			SSV (Surface, Silver Canopy)

### Accessories

- PFL2-45 (Hex Louver)
- PFL4-45 (Soft Focus Film)
- PFL-LS-45 (Linear Spread)

### Replacement Optics

Field changeable 16° to 60° optics

- IP-OP45SP (16° SP)
- IP-OP45NF (24° NFL)
- IP-OP45FL (36° FL)
- IP-OP45WF (48° WFL)
- IP-OP45VF (60° VFL)

### Notes:

- Available in 120V only
- 0-10V require remote driver box for cable mount option
- Remote driver box required for eldoLED, Lutron® & DMXR dimming options

- Lutron® not available in L3
- DMXR not available in L1 & L2
- Special order, consult factory for lead times
- Title 24; Excludes: 80 CRI
- Special order. Note: 36" Pendant is made with (1) 12" & 24" w/ coupler

GRAVITY L/M-0202-23 P-1

### Intense Lighting

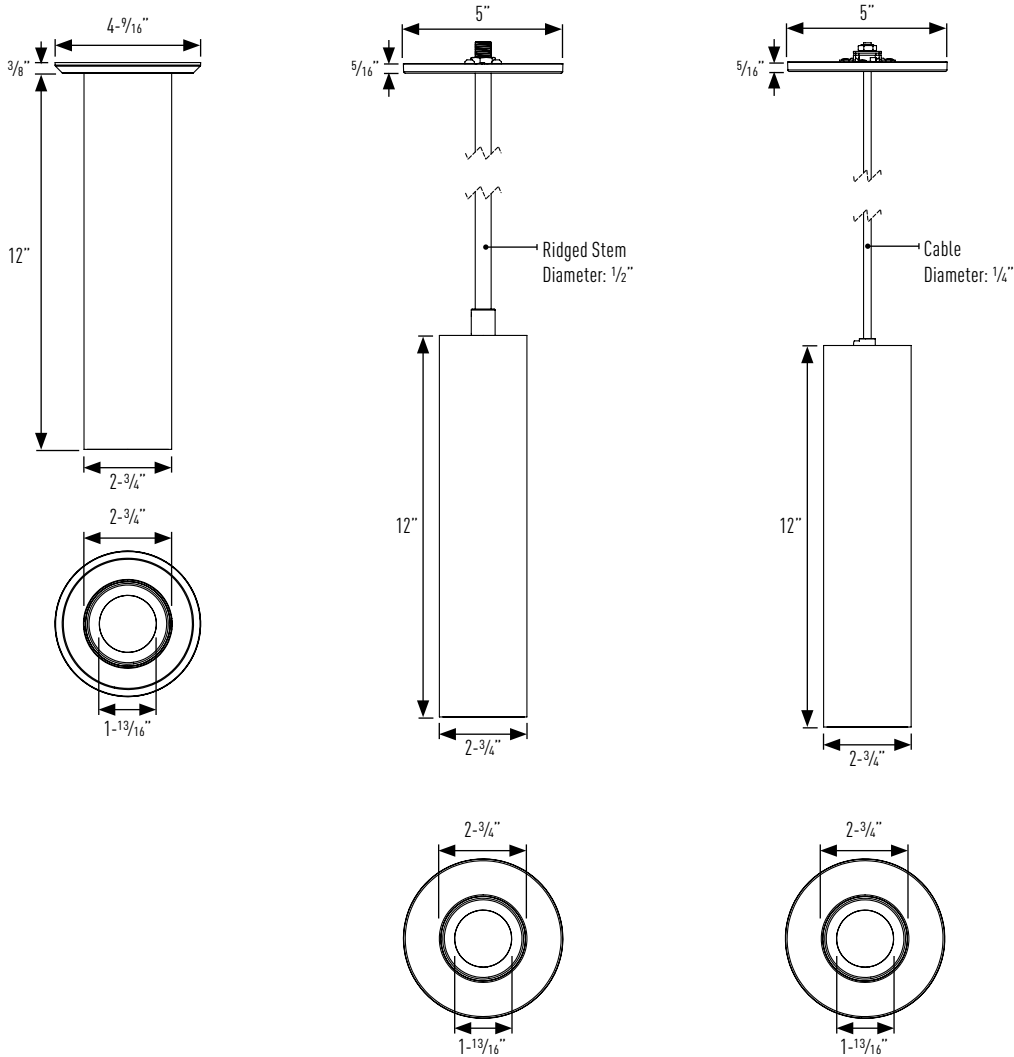
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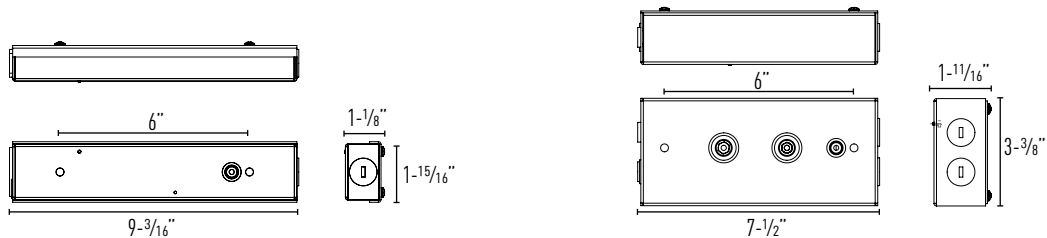
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NOTES		TYPE	



### Remote Mounted Driver Options

Remote box included when required by specification



Remote driver box for cable mount option with 0-10V dimming

**Note:** Wires for class 2 LED driver require a minimum of 18 AWG wire at a maximum of 50 feet length per local and national electrical regulations. Above ceiling access required for servicing

Remote driver box for eldoLED, Lutron® & DMXR dimming options

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### IRDT200WL3

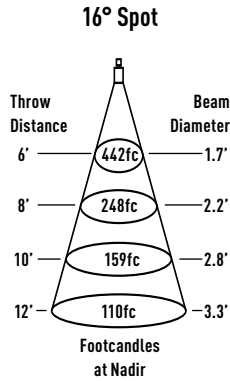
Report #: ILL-20190114-1 (16)  
 ILL-20190114-1 (24)  
 ILL-20190114-1 (36)  
 ILL-20190114-1 (48)  
 ILL-20190114-1 (60)

LED PACKAGE MULTIPLIERS:  
 IRDT200WL1 (x 0.58)  
 IRDT200WL2 (x 0.82)

IRRT200 (% REGRESS)  
 Trim Multiplier (x 0.99)

#### CCT MULTIPLIERS:

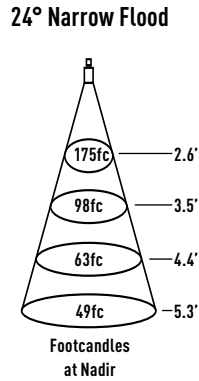
	82 CRI	92 CRI
2700K	(x 0.93)	(x 0.76)
3000K	(x 1.00)	(x 0.87)
3500K	(x 1.00)	(x 0.87)
4000K	(x 1.00)	(x 0.87)



Watts: 20    LPW: 79.4  
 Lumens: 1589    CCT: 3000K

#### Candelas at Nadir

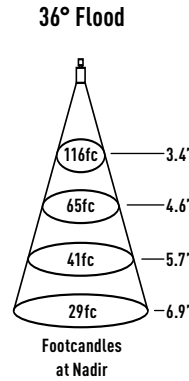
Degree	CBCP
0°	15914
5°	13019
15°	1498
25°	276
35°	44
45°	13



Watts: 20    LPW: 76  
 Lumens: 1527    CCT: 3000K

#### Candelas at Nadir

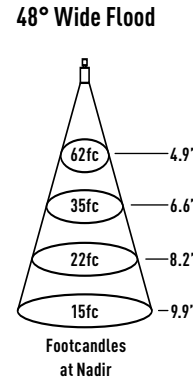
Degree	CBCP
0°	6324
5°	5589
15°	2374
25°	607
35°	148
45°	25



Watts: 20    LPW: 74  
 Lumens: 1497    CCT: 3000K

#### Candelas at Nadir

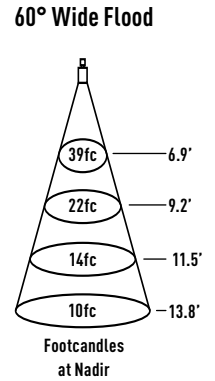
Degree	CBCP
0°	4199
5°	3903
15°	2274
25°	789
35°	233
45°	44



Watts: 20    LPW: 69  
 Lumens: 1390    CCT: 3000K

#### Candelas at Nadir

Degree	CBCP
0°	2246
5°	2166
15°	1676
25°	924
35°	385
45°	103



Watts: 20    LPW: 66  
 Lumens: 1333    CCT: 3000K

#### Candelas at Nadir

Degree	CBCP
0°	1435
5°	1393
15°	1242
25°	921
35°	504
45°	170