

# GC2DR

## 2" Gravity LED Downlight Cylinder

### 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

### REFLECTOR

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

### 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 SOL0drive 0-10V 0.1% (Remote)
- eldoLED EC0drive 0-10V 1% (Remote)
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology (Remote) (Remote)
- DMX512 RDM 0.1% with RJ45 Interface (Remote)

### 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

### 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
- Can be used to comply with Title 24, Part 6, JA8 high efficacy LED light source requirements<sup>9</sup>



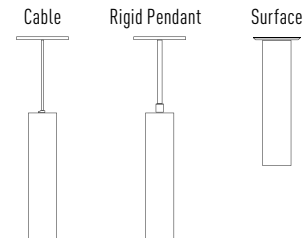
| JOB NAME |  | CATALOG NUMBER |  |
|----------|--|----------------|--|
| NOTES    |  | TYPE           |  |



### Available Trim Finishes



### Mounting Options



### Cylinder Part Number (Example: GC2DR1L1279ED10V01NSSVWHT-HISSV)

| Cylinder | Height  | Wattage               | CCT / CRI            | Dimming  | Optic        |
|----------|---------|-----------------------|----------------------|--|--------------|
| GC2DR    | 1 (6in) | 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 <sup>3</sup> (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)         |
|                 | HZ (Haze)              |                 | R12 (12" Rigid Pendant)              |
|                 |                        |                 | R24 (24" Rigid Pendant)              |
|                 |                        |                 | R36 <sup>8</sup> (36" Rigid Pendant) |
|                 |                        |                 | R48 (48" Rigid Pendant)              |

### 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 (L3 lumen package, eldoLED, Lutron® & DMXR 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-0701-25 P-1

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

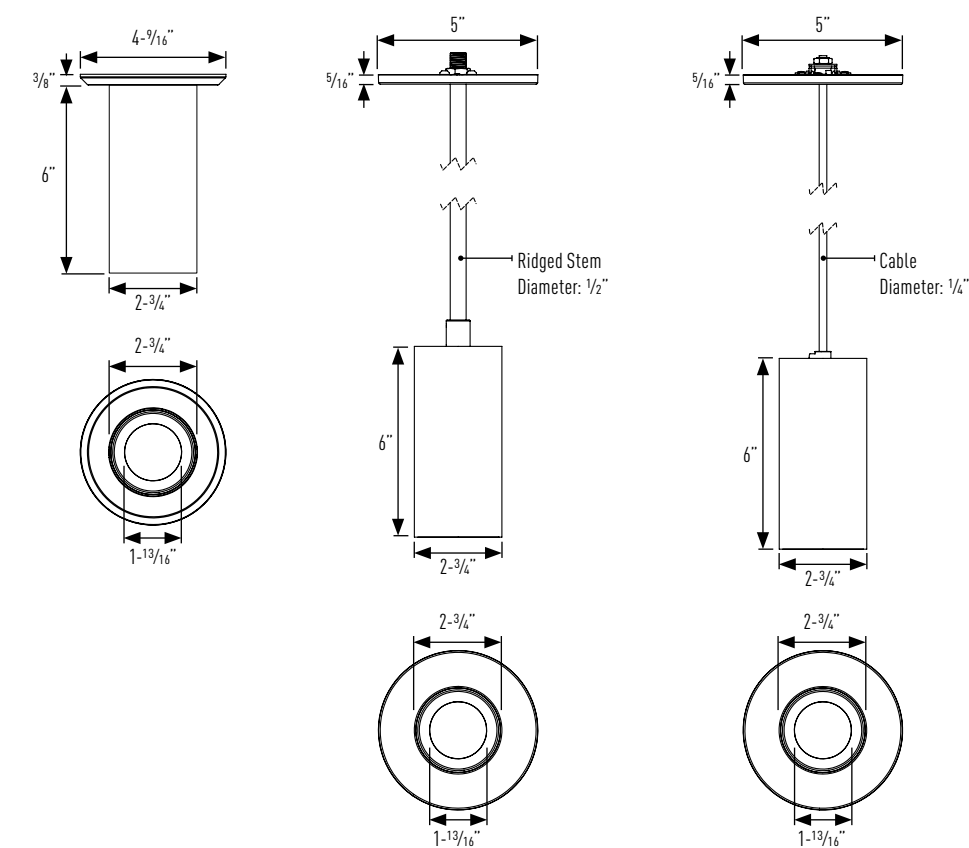
For Intense Lighting's limited product warranty, go to [www.intenselighting.com](http://www.intenselighting.com). For a printed copy of the warranty, you may call 714 630-9877.

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# GC2DR

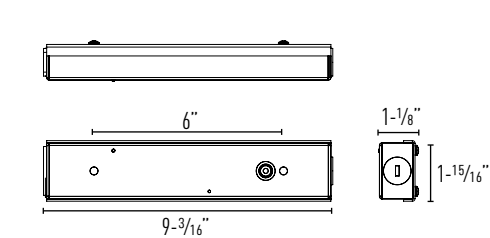
## 2" Gravity LED Downlight Cylinder

|          |  |                |  |
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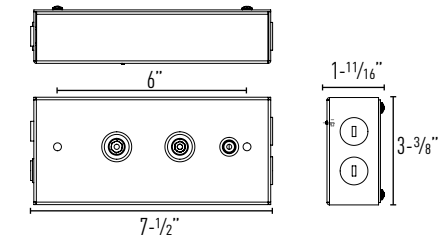
### Remote Mounted Driver Options

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 and Lutron® dimming options

**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

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### IRDT200WL2

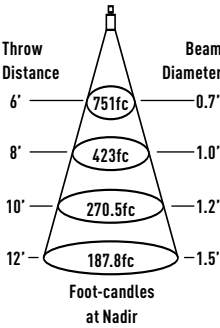
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LED PACKAGE MULTIPLIERS:  
IRDT200WL1 (x 0.84)

IRRT200 (% REGRESS)  
Trim Multiplier (x 0.99)

CCT MULTIPLIERS:  
82 CRI  
2700K (x 0.93)  
3000K (x 1.00)  
3500K (x 1.00)

#### 7° Narrow Spot



Watts: 16 LPW: 43.2  
Lumens: 691 CCT: 3000K

| Intensity |       |
|-----------|-------|
| Degree    | CBCP  |
| 0°        | 27046 |
| 5°        | 6552  |
| 15°       | 380   |
| 25°       | 69    |
| 35°       | 17    |
| 45°       | 7     |

### IRDT200WL3

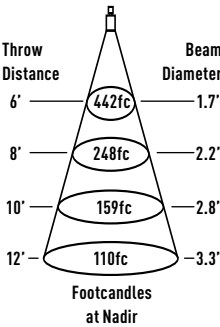
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ILL-20190114-1 (24)  
ILL-20190114-1 (36)  
ILL-20190114-1 (48)  
ILL-20190114-1 (60)

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)

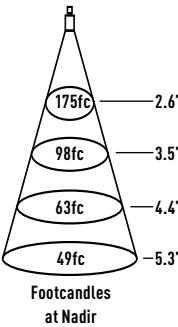
#### 16° Spot



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    |

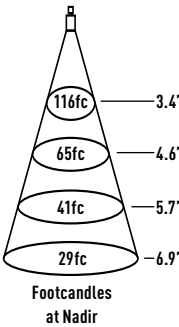
#### 24° Narrow Flood



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   |

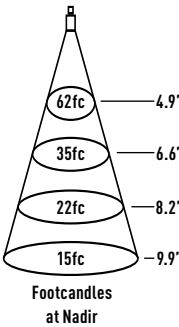
#### 36° Flood



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   |

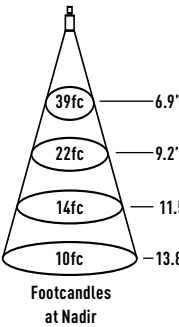
#### 48° Wide Flood



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  |

#### 60° Wide Flood



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  |