

# IHOLC4DRREM

## 4" Gravity LED Downlight Cylinder With Remote Driver Enclosure

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

### ELECTRICAL DATA

LED Light Engine	Delivered Lumens *	System Wattage **
M1	900lm @ 3000K / 82 CRI	12 Watts
M2	1800lm @ 3000K / 82 CRI	25 Watts
L1	2500lm @ 3000K / 82 CRI	35 Watts
L2	3400lm @ 3000K / 82 CRI	46 Watts
L3	4500lm @ 3000K / 82 CRI	63 Watts

\* Delivered lumens 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

- 12W, 25W, 35W, 46W and 63W
- 82 CRI & 2700K, 3000K, 3500K, 4000K
- 92 CRI available in 2700K & 3000K
- 3 Step MacAdam (3 SDCM)
- Rated life of >50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

### DIMMING

- 0-10V Dimming 1%
- Forward/reverse dimming 1% (120V only)
- eldoLED 0-10V 0.1% or 1%
- Lutron® LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
- Lutron® LTEA2W Hi-Lume 1% 2-Wire LED driver (120V forward phase only)
- DMX512 RDM 0.1%

### OPTICS

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

### ELECTRICAL SYSTEM

- 120/277V input; Power factor >.9, 50/60Hz, consult factory for other voltages
- eldoLED 0.1% drivers dim to 0% as standard. If 0.1% is desired, ensure control signal does not go below 1.0V
- 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.

### EMERGENCY BACKUP

Remote test switch included. External battery operates LED load of up to 7W at a minimum of 400 lumens for 90 minutes (EM7), or 20W at a minimum of 1250 lumens for 90 minutes (EM20).

### REFLECTOR

Specification grade reflector with 1.5mm thickness. Reflector available in clear, haze, white, wheat 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" octagon 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" octagon 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.

### REMOTE DRIVER ENCLOSURE

- Galvanized steel construction
- 50ft remote distance maximum

### 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
- ENERGY STAR® Qualified<sup>1</sup>



Gravity™



Dimension are on Page 2

### Accessories

- LH63 (Black Accessory Holder)
- PFL4-63 (Solite Soft Focus Lens)
- PFLMB-63 (Black Hex Louver)

### Cylinder Part Number (Example: IHOLC4DRREML32714WBC144)

Cylinder	LED Light Engine	CCT / CRI	Optic	Cylinder Finish	Reflector Finish	Mounting
IHOLC4DRREM	M1 (900lm / 12W)	27 (2700K / 82 CRI)	14 <sup>7</sup> (14° Narrow Spot)	W (White)	B <sup>8</sup> (Black)	C144 (144" Aircraft Cable)
	M2 (1800lm / 25W)	29 (2700K / 92 CRI)	20 (20° Spot)	B (Black)	C (Clear)	P12 (12" Slope Pendant)
	L1 (2500lm / 35W)	30 (3000K / 82 CRI)	30 (30° Narrow Flood)	SV (Silver)	HZ (Haze)	R12 (12" Rigid Pendant)
	L2 (3400lm / 46W)	30 <sup>9</sup> (3000K / 92 CRI)	40 (40° Flood)		W (White)	P18 (18" Slope Pendant)
	L3 (4500lm / 63W)	35 (3500K / 82 CRI)	50 (50° Wide Flood)		WHT <sup>9</sup> (Wheat)	R18 (18" Rigid Pendant)
			40 (4000K / 82 CRI)			

### Remote Emergency Power Box (Example: REMIHOLC4EM20)

Power Box	LED Light Engine	Dimming	Emergency Back Up
REMIHOLC4	M1 (900lm / 12W)	blank (Non-Dimming)	EM7 (7W Emergency Backup)
	M2 (1800lm / 25W)	DELV <sup>2</sup> (ELV Dimming 1%)	<a href="#">IOTA P/N: ILB-CP07-A</a>
	L1 (2500lm / 35W)	D101 (0-10V Dimming 1%)	EM20 <sup>10</sup> (20W Emergency Backup)
	L2 (3400lm / 46W)	ED10V1 <sup>3</sup> (eldoLED 0-10V 1%)	<a href="#">IOTA P/N: ILB-CP20-HE</a>
	L3 (4500lm / 63W)	ED10V01 <sup>3</sup> (eldoLED 0-10V 0.1%)	
		LUT <sup>4</sup> (Lutron® LDE1 EcoSystem 1%)	
	LUT2 <sup>4,5</sup> (Lutron® LTEA2W 2-Wire 1%)		
	DMXR <sup>6</sup> (DMX512 RDM 0.1%)		

### Notes:

- ENERGY STAR® Qualified  
[Excludes: 14° Narrow Spot Optics / Black & Wheat Reflectors]
- Available in 120V only
- eldoLED dimming available with M1, M2, L1 & L2
- Lutron® dimming available with M1, M2, L1 & L2
- Available in 120V only
- DMX dimming available with aircraft cable only. DMX not available with M1 & L3
- 14° Optic available in M1, M2, L1 & L2
- Consult factory for lead times
- (2) 48" Stems with coupler
- Not available with M1

GRAVITY CYLINDERS L/M-0813:19 P-1

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](http://www.intenselighting.com). For a printed copy of the warranty, you may call 800 961-5321.

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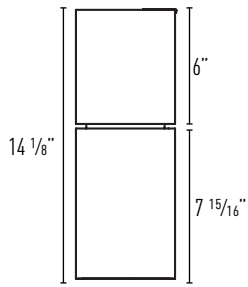
intense® | a LEVITON® company

# IHOLC4DRREM

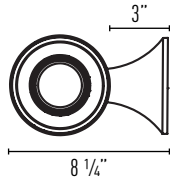
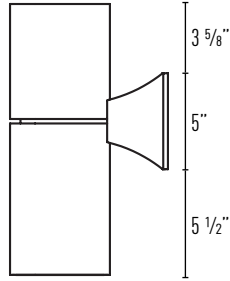
4" Gravity LED Downlight Cylinder With Remote Driver Enclosure

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

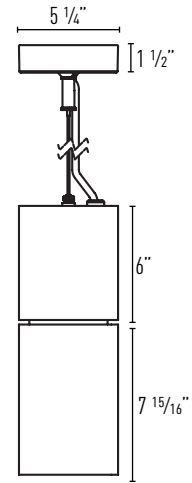
**Surface Mount**



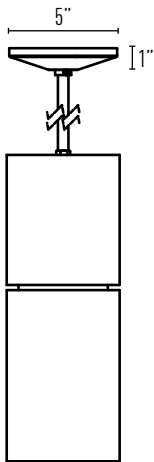
**Wall Mount**



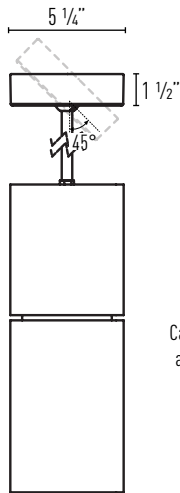
**Aircraft Cable**



**Rigid Pendant Mount**

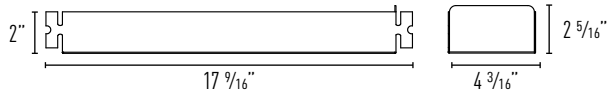
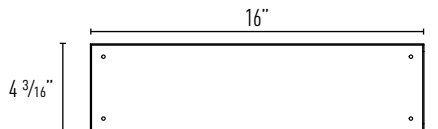


**Slope Pendant Mount**

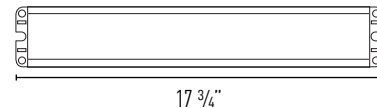
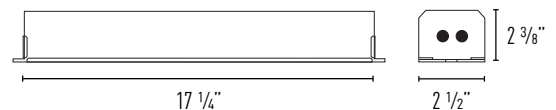


Canopy can be mounted at a maximum angle of 45°

**Remote Driver Enclosure**



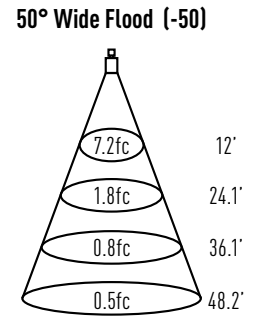
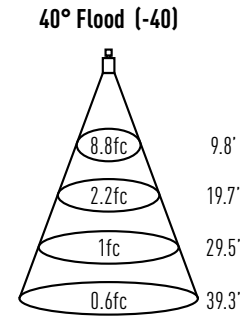
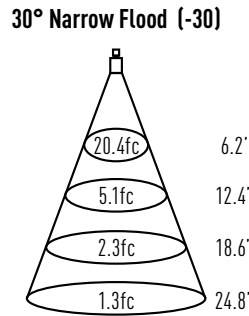
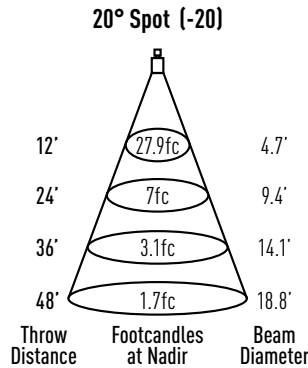
**Emergency Backup**



JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

## IHOLC4DRM130HZ

Report #: ILL06212016-01.4 (-20)  
 ILL06212016-02.4 (-30)  
 ILL-07202016-03.4 (-40)  
 ILL-07202016-07.4 (-50)



**CCT / CRI Multipliers:**

2700K / 82 CRI (x 0.93)  
 2700K / 92 CRI (x 0.74)  
 3000K / 82 CRI (x 1.00)  
 3000K / 92 CRI (x 0.79)  
 3500K / 82 CRI (x 1.03)  
 4000K / 82 CRI (x 1.04)

Watts: 12  
 Lumens: 902  
 LPW: 75  
 CCT: 3000K

Watts: 12  
 Lumens: 932  
 LPW: 78  
 CCT: 3000K

Watts: 12  
 Lumens: 794  
 LPW: 66  
 CCT: 3000K

Watts: 12  
 Lumens: 867  
 LPW: 72  
 CCT: 3000K

**Candelas at Nadir**

Degree	CBCP
0°	4011
5°	3535
15°	1143
25°	468
35°	56
45°	19

**Candelas at Nadir**

Degree	CBCP
0°	2944
5°	2612
15°	1415
25°	587
35°	55
45°	13

**Candelas at Nadir**

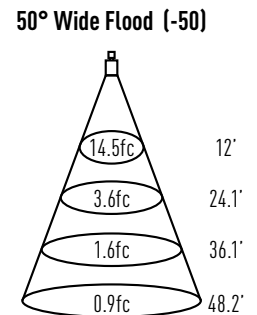
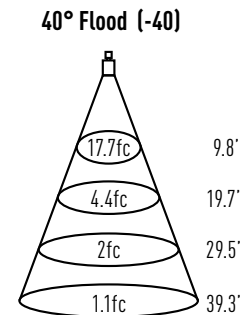
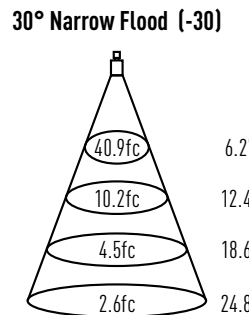
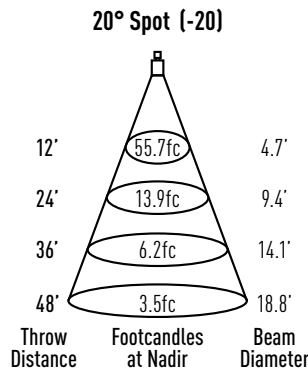
Degree	CBCP
0°	1271
5°	1233
15°	932
25°	514
35°	171
45°	62

**Candelas at Nadir**

Degree	CBCP
0°	1042
5°	1026
15°	889
25°	590
35°	238
45°	87

## IHOLC4DRM230HZ

Report #: ILL06212016-01.3 (-20)  
 ILL06212016-02.3 (-30)  
 ILL-07202016-03.3 (-40)  
 ILL-07202016-07.3 (-50)



**CCT / CRI Multipliers:**

2700K / 82 CRI (x 0.93)  
 2700K / 92 CRI (x 0.74)  
 3000K / 82 CRI (x 1.00)  
 3000K / 92 CRI (x 0.79)  
 3500K / 82 CRI (x 1.03)  
 4000K / 82 CRI (x 1.04)

Watts: 25  
 Lumens: 1803  
 LPW: 72  
 CCT: 3000K

Watts: 25  
 Lumens: 1864  
 LPW: 75  
 CCT: 3000K

Watts: 25  
 Lumens: 1587  
 LPW: 63  
 CCT: 3000K

Watts: 25  
 Lumens: 1734  
 LPW: 69  
 CCT: 3000K

**Candelas at Nadir**

Degree	CBCP
0°	8023
5°	7071
15°	2285
25°	936
35°	111
45°	39

**Candelas at Nadir**

Degree	CBCP
0°	5889
5°	5225
15°	2830
25°	1174
35°	110
45°	26

**Candelas at Nadir**

Degree	CBCP
0°	2542
5°	2467
15°	1864
25°	1028
35°	342
45°	123

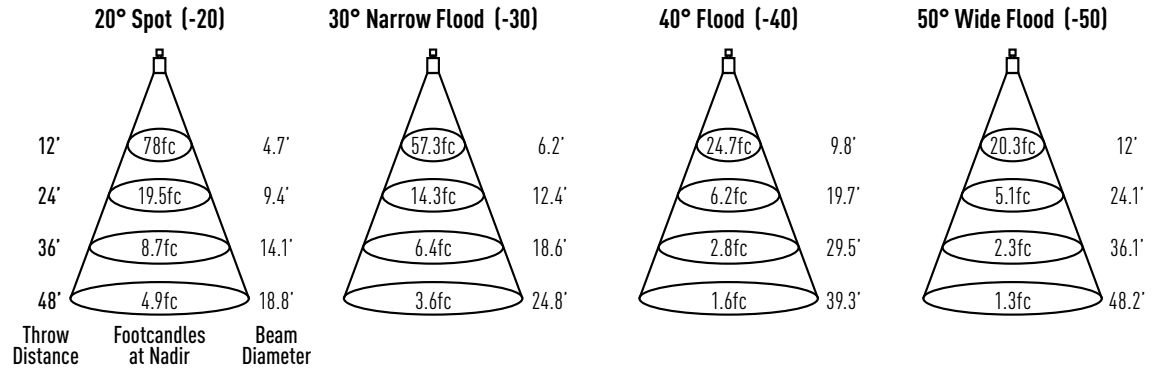
**Candelas at Nadir**

Degree	CBCP
0°	2084
5°	2052
15°	1777
25°	1179
35°	477
45°	174

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

## IHOLC4DRL130HZ

Report #: ILL06212016-01.2 (-20)  
 ILL06212016-02.2 (-30)  
 ILL-07202016-03.2 (-40)  
 ILL-07202016-07.2 (-50)



Watts: 35  
 Lumens: 2525  
 LPW: 72  
 CCT: 3000K

Watts: 35  
 Lumens: 2610  
 LPW: 75  
 CCT: 3000K

Watts: 35  
 Lumens: 2223  
 LPW: 64  
 CCT: 3000K

Watts: 35  
 Lumens: 2429  
 LPW: 69  
 CCT: 3000K

### CCT / CRI Multipliers:

2700K / 82 CRI (x 0.93)  
 2700K / 92 CRI (x 0.74)  
 3000K / 82 CRI (x 1.00)  
 3000K / 92 CRI (x 0.79)  
 3500K / 82 CRI (x 1.03)  
 4000K / 82 CRI (x 1.04)

### Candelas at Nadir

Degree	CBCP
0°	11237
5°	9903
15°	3200
25°	1312
35°	156
45°	55

### Candelas at Nadir

Degree	CBCP
0°	8247
5°	7318
15°	3963
25°	1645
35°	154
45°	36

### Candelas at Nadir

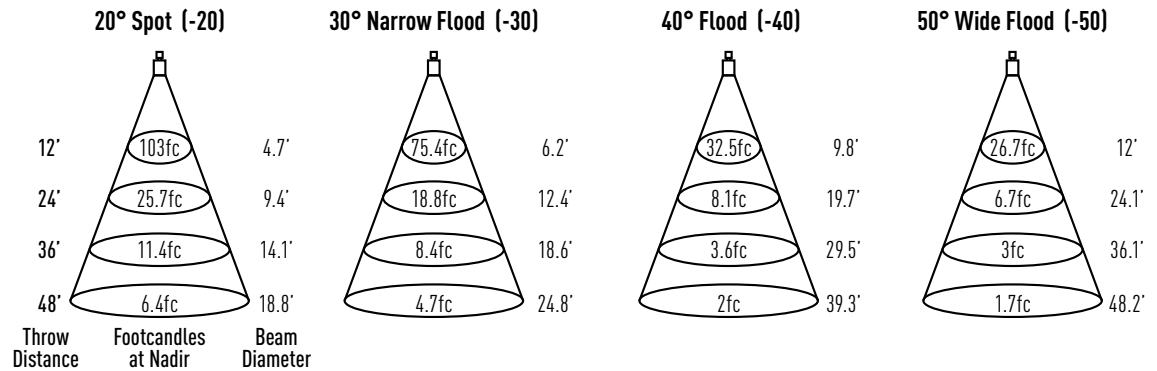
Degree	CBCP
0°	3560
5°	3455
15°	2611
25°	1440
35°	479
45°	173

### Candelas at Nadir

Degree	CBCP
0°	2919
5°	2875
15°	2489
25°	1651
35°	668
45°	243

## IHOLC4DRL230HZ

Report #: ILL06212016-01.1 (-20)  
 ILL06212016-02.1 (-30)  
 ILL-07202016-03.1 (-40)  
 ILL-07202016-07.1 (-50)



Watts: 46  
 Lumens: 3323  
 LPW: 72  
 CCT: 3000K

Watts: 46  
 Lumens: 3434  
 LPW: 75  
 CCT: 3000K

Watts: 46  
 Lumens: 2925  
 LPW: 64  
 CCT: 3000K

Watts: 46  
 Lumens: 3196  
 LPW: 69  
 CCT: 3000K

### CCT / CRI Multipliers:

2700K / 82 CRI (x 0.93)  
 2700K / 92 CRI (x 0.74)  
 3000K / 82 CRI (x 1.00)  
 3000K / 92 CRI (x 0.79)  
 3500K / 82 CRI (x 1.03)  
 4000K / 82 CRI (x 1.04)

### Candelas at Nadir

Degree	CBCP
0°	14785
5°	13030
15°	4211
25°	1726
35°	205
45°	72

### Candelas at Nadir

Degree	CBCP
0°	10852
5°	9628
15°	5214
25°	2164
35°	203
45°	48

### Candelas at Nadir

Degree	CBCP
0°	4684
5°	4545
15°	3436
25°	1895
35°	631
45°	227

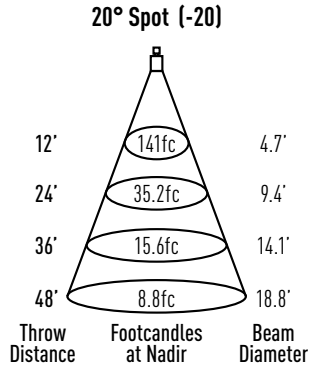
### Candelas at Nadir

Degree	CBCP
0°	3841
5°	3782
15°	3275
25°	2173
35°	878
45°	320

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

## IHOLC4DRL330HZ

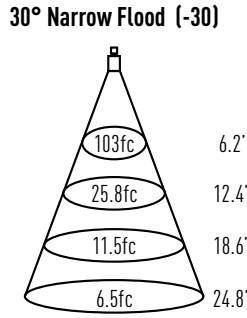
Report #: ILL06212016-01 (-20)  
 ILL06212016-02 (-30)  
 ILL07142016-11 (-40)  
 ILL07072016-04 (-50)



Watts: 62.6  
 Lumens: 4552  
 LPW: 73  
 CCT: 3000K

**Candelas at Nadir**

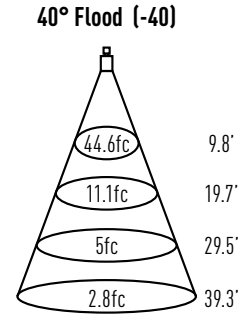
Degree	CBCP
0°	20253
5°	17850
15°	5769
25°	2364
35°	281
45°	98



Watts: 62.6  
 Lumens: 4705  
 LPW: 75  
 CCT: 3000K

**Candelas at Nadir**

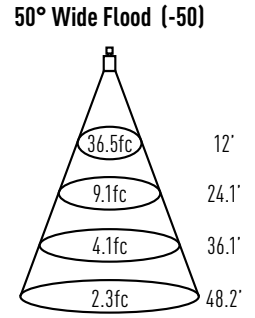
Degree	CBCP
0°	14865
5°	13190
15°	7143
25°	2965
35°	278
45°	65



Watts: 62.3  
 Lumens: 4007  
 LPW: 64  
 CCT: 3000K

**Candelas at Nadir**

Degree	CBCP
0°	6417
5°	6227
15°	4707
25°	2595
35°	864
45°	311



Watts: 62.2  
 Lumens: 4378  
 LPW: 70  
 CCT: 3000K

**Candelas at Nadir**

Degree	CBCP
0°	5262
5°	5181
15°	4487
25°	2977
35°	1203
45°	438

**CCT / CRI Multipliers:**

- 2700K / 82 CRI (x 0.93)
- 2700K / 92 CRI (x 0.74)
- 3000K / 82 CRI (x 1.00)
- 3000K / 92 CRI (x 0.79)
- 3500K / 82 CRI (x 1.03)
- 4000K / 82 CRI (x 1.04)