

PROJECT:	_____
CATALOG #:	_____
FIXTURE TYPE:	_____
NOTES:	_____

## DC Commercial Downlight G2 Series



The **DC Commercial Downlight G2 Series** is a recessed downlight with Lumen adjustable features. This versatile downlight can be used in retrofit or new construction installations. The 0-10V dimming driver provides flicker-free dimming from 100% to 1%. Aluminum heat sink conducts heat away from the LED module for optimal performance and long life. Lumen packages range from 4,250 lumens to 6,800 lumens.



### APPLICATIONS

Commercial, Retail, Educational, Healthcare, etc.



## SPECIFICATIONS

### HOUSING

Integrated J-box with superior LED light engine can be customized with the 6", 8", or 10" round trim.

### AMBIENT TEMPERATURE

Suitable for use in -20°C to 45°C (-4°F to 113°F)

### MOUNTING

Recessed mounting to existing housing with screws or friction clips. Optional New Construction Housing available.

### LUMEN OUTPUT

Lumen packages ranging from 4,250 to 6,800 lumens

### CCT AND CRI

Fixed CCT - 3000K or 3500K CRI >80.

### OPTICS

DC 6R provides 52° beam angle.

DC 8R provides 54° beam angle.

DC 10R provides 58° beam angle.

### WARRANTY

5-year limited warranty. Comprehensive warranty terms can be located on [www.slgus.com](http://www.slgus.com).

### ELECTRICAL

Standard Input Voltage 120V-277V with 0-10V dimming. Optional Emergency Driver available.

### FLANGE FINISH

Standard White flange finish with Haze Reflector. Optional silver and black finishes available. Custom colors available.

### CERTIFICATIONS

UL Listed for damp locations. Energy Star pending.

Due to continuous product improvements, specification and/or equipment updates may change without notice.

**ORDERING GUIDE**

**EXAMPLE: DC 6R LS2 G2 35K**

Luminaire Type	Trim Size	Lumen Adjustable Output	Generation	Voltage	CCT	Finish	Options
<b>DC</b> Downlight Commercial	<b>6R</b> 6" Round <b>8R</b> 8" Round <b>10R</b> 10" Round	<b>LS2</b> Lumen Adjustable 50W — 4,250 Lm 65W — 5,525 Lm 80W — 6,800 Lm	<b>G2</b>	120-277V	<b>30K</b> 3000K <b>35K</b> 3500K	<b>BLANK=</b> White Flange with Haze Reflector	<b>EL UNV-8W</b> <b>PANEL=</b> Emergency Backup Kit 8W

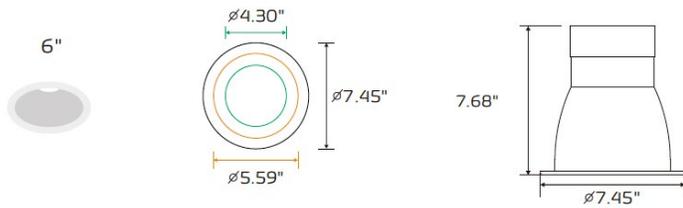
**ACCESSORIES** (Shipped separately. Requires some field assembly.)

<b>DC 6" Housing</b>	6" New Construction Housing	 <p>New Construction Housing with Friction Clips</p>
<b>DC 8" Housing</b>	8" New Construction Housing	
<b>DC 10" Housing</b>	10" New Construction Housing	

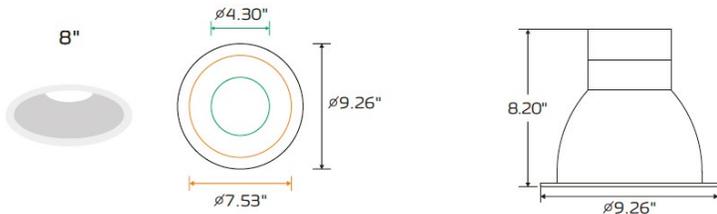
**ADVANCED WIRELESS CONTROL**

<b>AVI-XFAC-16A-1CH-CL1</b>
Line Voltage Single Channel Bluetooth Controller, 15A Relay, Class I
<b>AVI-XFAC-16A-1CH-CL1-DC PIR</b>
Line Voltage Single Channel Bluetooth Controller, 15A Relay, Class I PIR Sensor (Required Ceiling Mount)

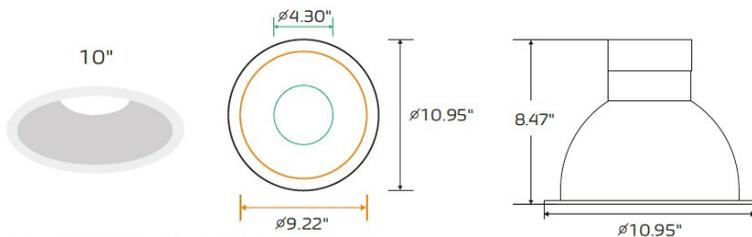
**DIMENSIONS**



Mounting Diameters: 6"-6.7"



Mounting Diameters: 7.7"-8.4"



Mounting Diameters: 10"-10.7"

**COMPATIBLE DIMMERS**

BRAND	MODEL NO.
Lutron	DIVA-DVTV
Leviton	IP-710-DL

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### RECOMMENDED REPLACEMENT

Wattage	Lumen Range	Equivalence
50W	4,165 – 4,250	100W MH
65W	5,415 – 5,525	150W MH
80W	6,664 – 6,800	175W MH

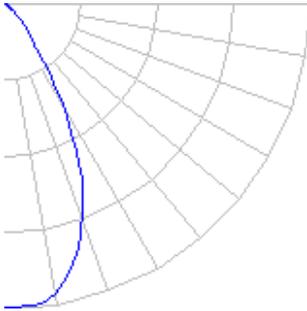
### ELECTRICAL LOAD

Wattage	Current (A)			
	120V	208V	240V	277V
50W	0.42	0.24	0.21	0.18
65W	0.54	0.31	0.27	0.23
80W	0.67	0.38	0.33	0.29

### PERFORMANCE DATA

SELECTABLE WATTAGE	TRIM SIZE	3000K		3500K	
		LUMENS	EFFICACY	LUMENS	EFFICACY
50W	6"	4,165	83 lm/W	4,207	84 lm/W
65W		5,415	83 lm/W	5,470	84 lm/W
80W		6,664	83 lm/W	6,732	84 lm/W
50W	8"	4,165	83 lm/W	4,207	84 lm/W
65W		5,415	83 lm/W	5,470	84 lm/W
80W		6,664	83 lm/W	6,732	84 lm/W
50W	10"	4,165	83 lm/W	4,207	84 lm/W
65W		5,415	83 lm/W	5,470	84 lm/W
80W		6,664	83 lm/W	6,732	84 lm/W

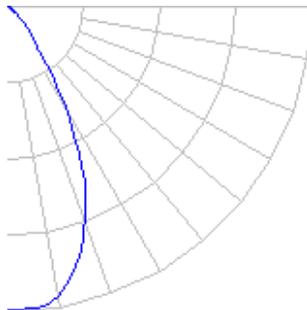
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8" Round, 50W, 3500K

ZONAL LUMEN SUMMARY		
Zone	Lumens	% Luminaire
0-30	2773.9	74
0-40	3748.5	90
0-60	4165	98
0-90	4250	1

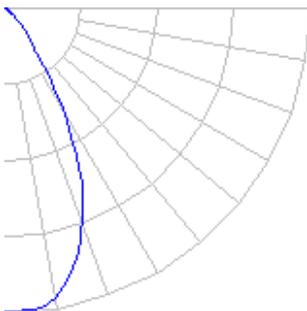
INITIAL FOOTCANDLES		
Height (ft)	Fc at Nadir	Beam Diameter (ft)
9	75.5	13.1
12	34.9	19.0
15	22.8	23.4
18	21	28.0



8" Round, 65W, 3500K

ZONAL LUMEN SUMMARY		
Zone	Lumens	% Luminaire
0-30	3606.1	74
0-40	4873.1	90
0-60	5414.5	98
0-90	5525	1

INITIAL FOOTCANDLES		
Height	Fc at Nadir	Beam Diameter (ft)
9	98.15	13.1
12	45.3375	18.98
15	29.575	23.4
18	25.5	28



8" Round, 80W, 3500K

ZONAL LUMEN SUMMARY		
Zone	Lumens	% Luminaire
0-30	4438.2	74
0-40	5997.6	90
0-60	6664	98
0-90	6800	1

INITIAL FOOTCANDLES		
Height	Fc at Nadir	Beam Diameter (ft)
12	55.8	18.98
15	36.4	23.4
18	33	28
21	24	30

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