

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 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.

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
DC Downlight Commercial	6R 6" Round 8R 8" Round 10R 10" Round	LS2 Lumen Adjustable 50W — 4,250 Lm 65W — 5,525 Lm 80W — 6,800 Lm	G2	120-277V	30K 3000K	BLANK= White Flange with Haze Reflector	EL UNV-8W PANEL= Emergency Backup Kit 8W

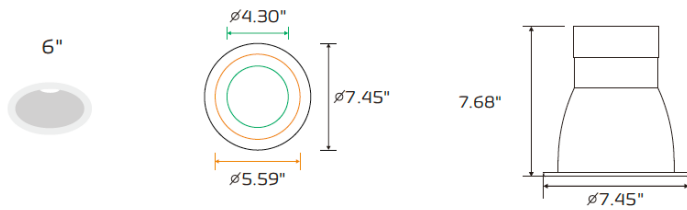
ACCESSORIES (Shipped separately. Requires some field assembly.)

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

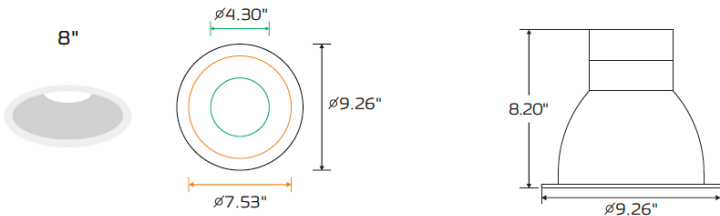
ADVANCED WIRELESS CONTROL

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

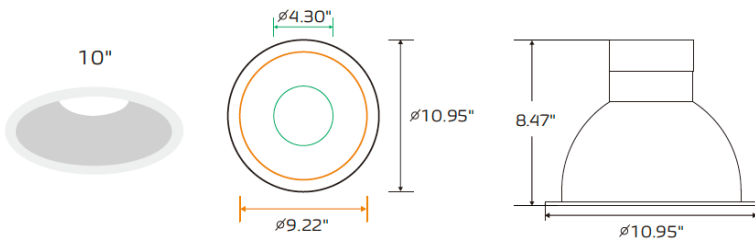
DIMENSIONS



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

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

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

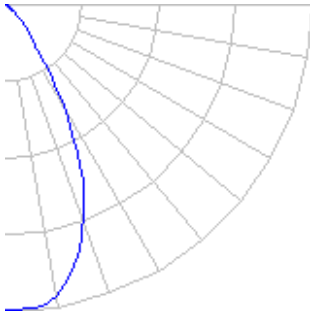
ELECTRICAL LOAD

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	
		LUMENS	EFFICACY
50W	6"	4,165	83 Lm/W
65W		5,415	83 Lm/W
80W		6,664	83 Lm/W
50W	8"	4,165	83 Lm/W
65W		5,415	83 Lm/W
80W		6,664	83 Lm/W
50W	10"	4,165	83 Lm/W
65W		5,415	83 Lm/W
80W		6,664	83 Lm/W

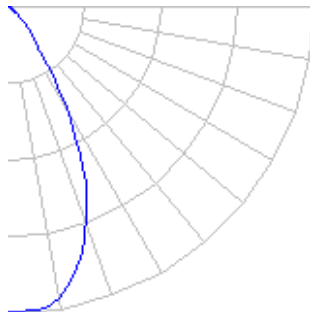
Due to continuous product improvements, specification and/or equipment updates may change without notice.



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

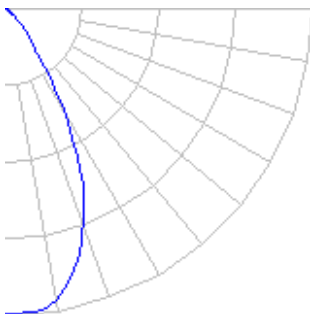
INITIAL FOOTCANDLES		
Height (ft)	Fc at Nadir	Beam Diameter (ft)
9	75.5	13.1
12	34.9	19.0
15	22.8	23.4
18	21	28.0



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

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