

DLA-G2 SERIES WET LOCATION DOWNLIGHT

Client:
 Project:
 Type:
 Quantity:

CONSTRUCTION

Die-cast aluminum body, available in 4", 6", 8" & 10" aperture. Entire luminaire as heat dissipation system, designed for general illumination application for long life and service period.
 IC rated for direct contact with insulation.

OPTICS

Impact resistant diffuse polycarbonate lens, gasketed and sealed prevents splash of water or dust objects from entry.

ELECTRICAL

90+ CRI LEDs.
 120-277V Input, 0-10V dimming.
 CCT and Lumen Selectable Function.
 Greater than 70% LED lumen maintenance at 50,000 hours.
 Optional External Emergency Battery 120-277V Input.

CONTROL (OPTIONAL)

CONTROL-XFAC AVI-ON Bluetooth Zone Controller Adapter

MOUNTING

New Construction: Flat torsion spring clips design to hold luminaire in place without using a housing.
 New Construction: Mounting Frame available.
 12" Flex conduit came with fixture for easy wiring with j-box.

STANDARD FINISH

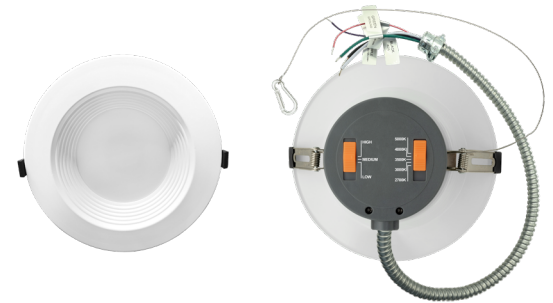
Corrosion resistant matte White finish.

CERTIFICATION

Wet location standard.
 Meets Buy America Act requirements.
 All luminaires are built to UL1598 standards and bear appropriate cETLus labels.
 Energy Star Certified.
 California JA8, Title 24 Compliant

WARRANTY

5 year warranty, see Limited Warranty for additional information.



CCT / Lumen Selector

SHIPPING DATA

Product	Measurement	Weight
DLA-G2-4	6"L x 6"W x 4"H	2 lb
DLA-G2-6	9"L x 9"W x 5"H	2 lb
DLA-G2-8	11"L x 11"W x 5"H	3 lb
DLA-G2-10	12"L x 12"W x 6"H	4 lb



DLA-G2 SERIES WET LOCATION DOWNLIGHT

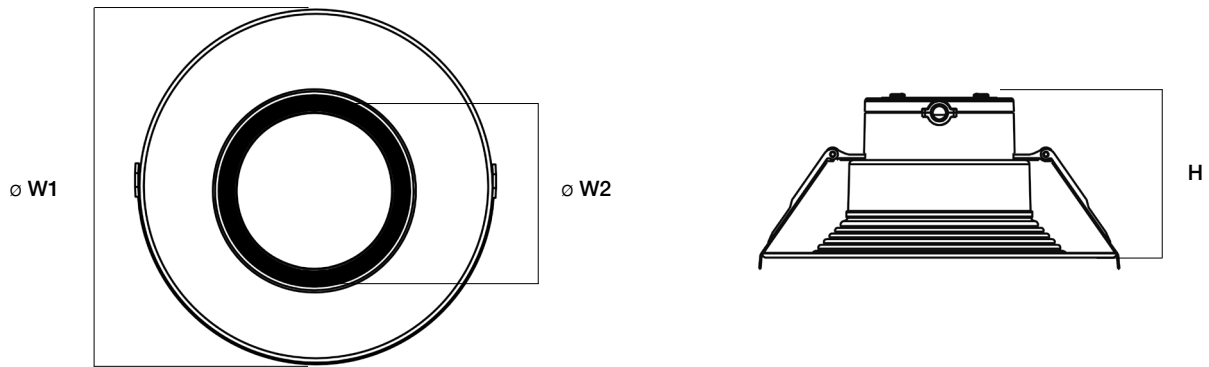
ORDER INFORMATION			EXAMPLE : DLA-G2 6 WH UD	
Fixture	Series	Model	Finish	Input
	DLA-G2		WH	UD
Accessories Options				
A	SERIES			
	DLA-G2	DLA Gen 2 Wet location Downlight		
B	MODEL			
	Code	Trim Type	Power	LM
	4	4-inch Trim	6W / 9W / 12W	628 / 893 / 1159
	6	6-inch Trim	12W / 17W / 22W	1296 / 1694 / 2194
	8	8-inch Trim	17W / 24W / 30W	1871 / 2621 / 3273
	10	10-inch Trim	22W / 30W / 38W	2356 / 3141 /3892
				CCT
				2700 / 3000 / 3500 / 4000 / 5000K
C	FINISH			
	WH	Smooth White finish		
D	INPUT			
	UD	120-277V, 0-10V Dimmable		
E	ACCESSORIES/OPTIONS			
	AIA	Assembled in America, compliant with BAA (COTS)		
	EMB-E08170*	High Voltage Output Self-Diagnostic Battery 8W 100-347VAC Input 170VDC Output w/Enclosure		
	EMB-H08170*	High Voltage Output Self-Diagnostic Battery 8W 100-347VAC Input 170VDC Output w/Flex (Wire to J-box)		
	EMB-H18170*	High Voltage Output Self-Diagnostic Battery 18W 100-347VAC Input 170VDC Output w/Flex (Wire to J-box)		
	MOUNT-NCR-G2-JB	Mounting Frame Plate w/ J-Box		
	CONTROL-XFAC*	AVI-ON Bluetooth Zone Controller Adapter		

*see page 5 for sensor and emb spec

DLA-G2 SERIES WET LOCATION DOWNLIGHT

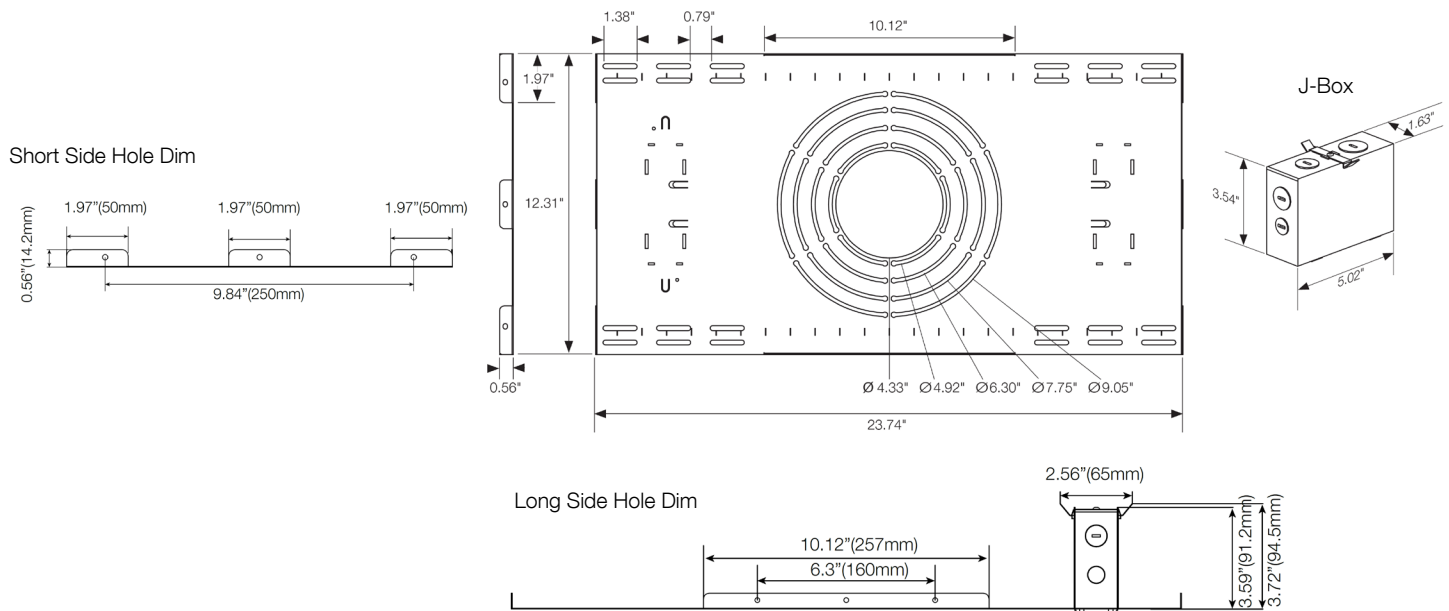
DIMENSIONS

MODEL	W1	W2	H	CUTOUT
DLA-G2-4	ø 5.12" (ø130mm)	ø 2.99" (ø76mm)	3.62" (92mm)	ø 4-21/64" (ø110mm)
DLA-G2-6	ø 8.43" (ø214mm)	ø 4.76" (ø121mm)	4.56" (116mm)	ø 6-19/64" (ø160mm)
DLA-G2-8	ø 10.00" (ø255mm)	ø 5.06" (ø129mm)	4.93" (126mm)	ø 8-5/64" (ø205mm)
DLA-G2-10	ø 11.38" (ø289mm)	ø 5.74" (ø146mm)	5.29" (135mm)	ø 8-31/32" (ø228mm)



DIMENSIONS - OPTIONAL MOUNTING FRAME KIT

MOUNT-NCR-G2-JB - Round Trim Mounting Frame Kit w/ J-Box



DLA-G2 SERIES WET LOCATION DOWNLIGHT

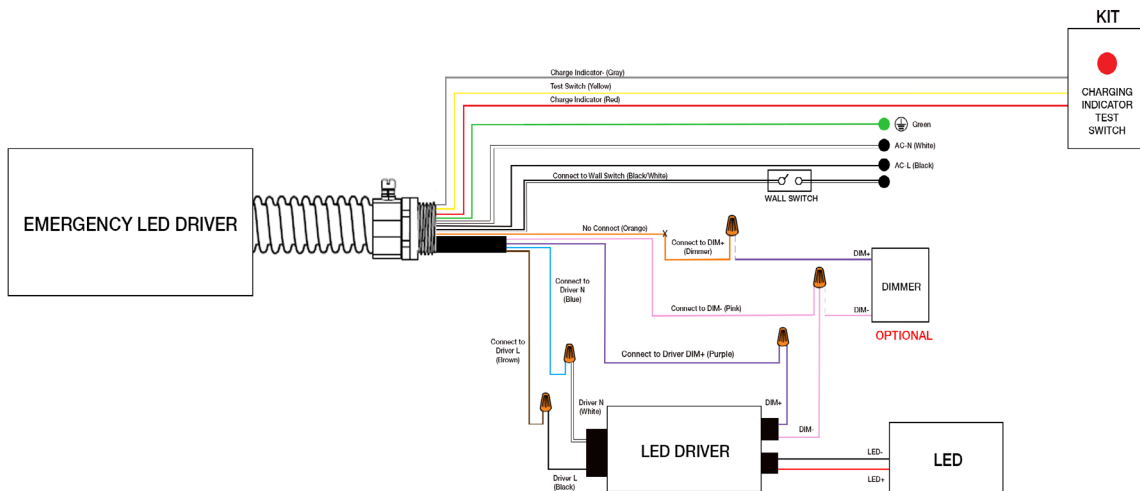
PERFORMANCE DATA

MODEL	VOLTAGE	WATTAGE	2700K		3000K		3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
DLA-G2-4	110-277V	6W	705	118	725	121	735	123	748	125	746	124
	110-277V	9W	961	107	994	110	1019	113	1015	113	1009	112
	110-277V	12W	1196	100	1244	104	1267	106	1286	107	1279	107
DLA-G2-6	110-277V	12W	1241	103	1301	108	1336	111	1354	113	1340	112
	110-277V	17W	1721	101	1820	107	1879	111	1894	111	1820	107
	110-277V	22W	2104	96	2249	102	2334	106	2349	107	2247	102
DLA-G2-8	110-277V	17W	1860	109	1927	113	1982	117	2000	118	1956	115
	110-277V	24W	2460	103	2568	107	2657	111	2672	111	2576	107
	110-277V	30W	2906	97	3054	102	3199	107	3271	109	3103	103
DLA-G2-10	110-277V	22W	3105	141	2409	110	2619	119	2804	127	2918	133
	110-277V	30W	3643	121	3641	121	3782	126	3823	127	4481	149
	110-277V	38W	4139	109	4481	118	4504	119	4668	123	4668	123

DLA-G2 SERIES WET LOCATION DOWNLIGHT

EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-E08170	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Field Install
EMB-H08170	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Field Install
EMB-H18170	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Field Install



CONTROL SPEC

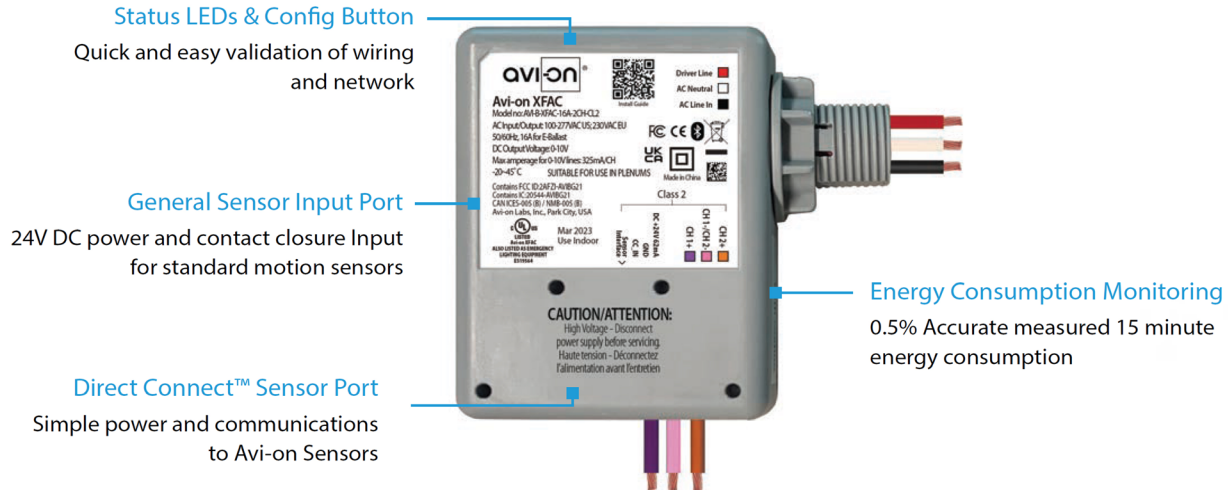
Model	Type	Mounting	Coverage	Input	Function	Programmable
CONTROL-XFAC (see page 6 for detail)	Fixture Controller	-	-	100-277VAC	Bluetooth On/Off/Dimming Scheduling	AVI-ON Bluetooth Mobile App



CONTROL-XFAC

DLA-G2 SERIES WET LOCATION DOWNLIGHT

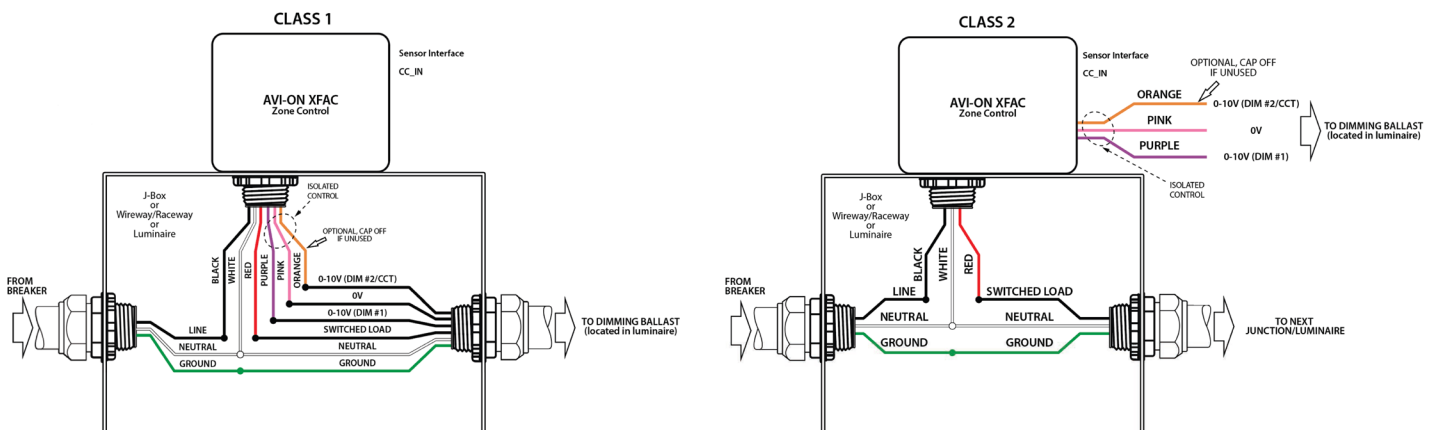
CONTROL-XFAC SPEC



SPECIFICATIONS

INPUT VOLTAGE:	100-277VAC	RADIO FREQUENCY:	50/60Hz
CURRENT:	MIN: 20 / 14mA MAX: 81 / 46mA	RELAY CURRENT:	16A
		PROTECTION/IMMUNITY:	LEVEL 4
0-10V DIMMING:	100-277VAC	AMPERAGE FOR 0-10V LINES:	Contact Discharge: ± 8kV Air Discharge: ±12kV
SIZE:	3.58" x 3.58" x 1.57" (91mm x 91mm x 40mm)	WARRANTY:	325mA / CH 5 years
STORAGE TEMP:	-40°F to + 185°F (-40°C to + 85°C)	REGULATORY:	FCC: 2AFZI-AVIBG21 IC: 20544-AVBG21
OPERATING TEMP:	-4°F to + 113°F (-20°C to + 45°C)		BQB: D059595, DID: 185220 UL 924, 2043

WIRING DIAGRAM



DLA-G2 SERIES WET LOCATION DOWNLIGHT

DRIVER SPECIFICATION

Driver Spec

- Driver Type: Potted Instant Start Driver
- Input: 100 - 305Vac
- Input Frequency: 47Hz @ 100Vac / 50Hz @ 277V / 63Hz @ 305Vac
- Input Current: 0.3A @ Full Load
- Surge Protection: L-N 1KV, LN-G 2KV
- Output Voltage: 48~61Vdc
- Output Current: 0.30A ~ 0.35A / 0.42 ~ 0.47A / 0.57A ~ 0.62A
- Power Factor: 0.98 @ 100Vac / 0.95 @ 277V / 0.9 @ 305Vac
- THD: <20% MAX
- Dimming: 0-10V Dim to Off
- AUX Output: 12Vdc
- Operating Temp: -20°C ~ 50°C
- Operating Humidity: 20% ~ 95% RH Non-Condensing

