

WALL / CEILING
LED

THE FORM FFW1212

Vandal Resistant

FFW1212 Series LED

Fixture Type	Date
Job Name	Approved By
Catalog Number	

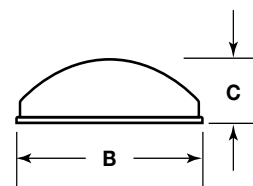
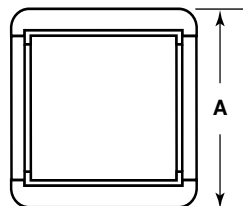
SPECIFICATIONS



Description	The Form series features nearly unlimited architectural flexibility while maintaining maximum vandal resistance. The all aluminum body construction and optional wet location listing allow the Form series to be used in nearly any environmental condition. Natatorium finish is standard for all versions of this fixture.
Housing	Marine grade heat treated extruded aluminum. Chemically primed and finished with robotically applied polyester powder coat.
Lens	Extruded UV stabilized opal polycarbonate with integral prisms. Maximum wall thickness 0.160". Secured to housing with die cast aluminum clamps and stainless steel TORX® head screws.
End Caps	Die cast marine grade aluminum with conduit knockouts that are visible from interior of end cap.
Drivers	Dimming to 1%, 10% or Programmable Lumen Output driver options. Non-Dimming Driver is also available.
LED	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L ₇₀ projected life of over 130,000 hours at 50°C.
UL Listing	U.L., C.U.L. Damp Location Listing standard, Wet Location Listing optional.
Buy American Act	Luminaire LED, LLC products are assembled in the USA. Our products meet the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.
Warranty	Lifetime warranty against vandalism. Luminaire LED will repair or replace any fixture damaged due to vandalism for the lifetime of the installation. 10-year warranty on LED boards against operational defects. Tested in accordance with LM-80.
Note	Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

DIMENSIONAL DATA

	A	B	C
FFW1212	12.27	12.40	4.00



ORDERING INFORMATION

Example: FFW1212 MIN10 40W 27K 120 CLP WHT

Series*	Drivers*	Wattage (Nominal)	Lumens (For PRD Only)	CCT*
FFW1212 Vandal Resistant Canopy 12" x 12" Aluminum Luminaire with Natatorium Finish	MIN1 Dimming to 1%	20W	600LM - 3800LM - Lumens available in 100LM increments <i>Lumens required if PRD driver chosen</i>	27K 2700K
	MIN10 Dimming to 10%	25W		30K 3000K
	NODIM Non-Dimming Driver	40W		35K 3500K
	PRD Driver Programmed to Specific Lumen Output, Consult Factory	<i>Required for all drivers except PRD driver</i>		40K 4000K
	<i>PRD not available with Wattage</i>			50K 5000K

Voltage*	Lens*	Finish*
120 120 Volt	CLP Clear Prismatic	BLK Black
277 277 Volt	OP Opal	WHT White
MVOLT 120-277 Volt		BRZ Bronze
		GRY Gray
		SIL Silver
		CUST Custom Color, Consult Factory
		RALTBD Ral Paint finishes
		RALTBD for pricing only. Replace with applicable RAL call out when ready to order. See the RAL BROCHURE for available options

*Required

OPTIONS

Emergency	Back Box	Environment
EMB125R ² Stand-alone inverter that will operate a maximum 125W load for 90 minutes. 20°C (68°F) to 30°C (86°F)	COR Corner mounted back box	WL ³ Wet Location
EMB250R ² Remote inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F)		
EMB375R ² Stand-alone inverter that will operate a 375W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F)		

Fusing	Photocell	Hardware
GLR ² Fuse and Fuse Holder	PC ² Photoelectric Switch	PHPS Painted phillips screws to match luminaire finish
		PHSC Phillips Head screws instead of TORX® head
		TXPS Painted TORX® screws to match luminaire finish

Ordering Notes

1. Not available with PRD or MIN1.
2. Not available with MVOLT.
3. Not available with COR.

Accessories: Order as separate catalog number

TXSD TORX® Screwdriver Bit
Initial shipment includes one (1) TXSD per fixture.

PHOTOMETRIC DATA

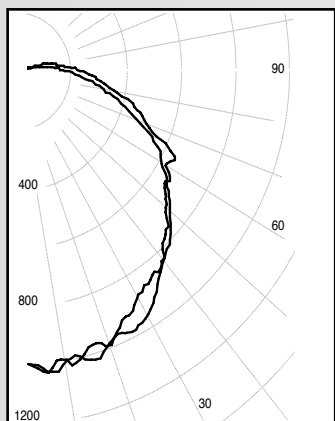
Model	Watts	Input Watts	Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens	
			Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal
			2700K		3000K		3500K		4000K		5000K	
FFW1212	20W	20W	1733	1606	1751	1622	1787	1657	1844	1709	1899	1759
FFW1212	25W	27W	2283	2115	2307	2137	2355	2183	2429	2251	2501	2318
FFW1212	40W	41W	3465	3211	3502	3245	3576	3315	3687	3417	3797	3519
FFW1212	PRD		Programmable Driver. Specify Delivered Lumens in Ordering Information.									

MODEL FFW1212 40W 40K OP

Delivered Lumens: 3,414 Lumens

Total Power: 40.68W

Testing was performed in accordance with IES LM-79-08



Zone	Lumens	% Lamps
0 - 30	825	24.1
0 - 40	1359	39.8
0 - 60	2445	71.6
60 - 90	3312	25.4
0 - 90	866	97.0
90 - 180	103	3.0
0 - 180	3414	100.0

MOUNTING PLATE DETAILS

