






Catalog Number:	
Project:	
Comments:	
Prepared By:	Date:

Description

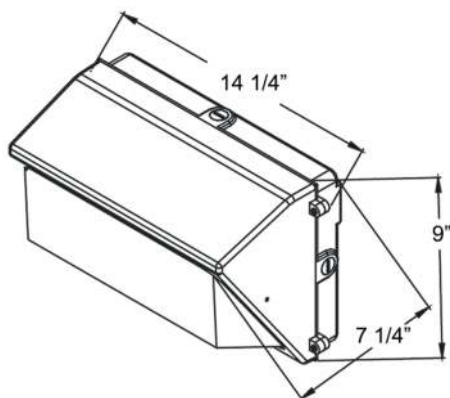
The LWP-FT forward throw wall pack is ideal for distributing light in an outward direction. The LWP-FT can replace up to a 400W HID one-for-one making it a perfect fixture for building facades, general security, storage areas, and entry door applications.

Performance Data

Model	Watts	Equiv	Lumens	Efficacy
LWP-FT-25 	24W	175W HID	2,474 Lm	103 LPW
LWP-FT-60 	57W	250W HID	5,738 Lm	101 LPW
LWP-FT-80 	79W	400W HID	7,297 Lm	92 LPW

Dimensions & Weights

Model	Width	Height	Depth	Weight
LWP-FT	14 1/4"	9"	7 1/4"	9.9 lbs.



Technical Specifications

Input Voltage: 120-277V or 347-480V

Housing: Die cast aluminum housing with hinged front frame and textured architectural bronze powder coat finish over a chromate conversion coating. 1/2" coin plugs with O-rings for conduit & photocell installation.

Lens: Molded prismatic borosilicate glass lens.

Mounting: Cast-in template for wall or junction box mounting. Mount directly over a 4" recessed outlet box, or use 1/2" surface conduit.

Effective Projected Area (EPA): 0.75 ft²

Color Temperature: 2700K WW, 4000K NW (standard), 5000K CW. All LED's are rated for a minimum of 100,000 hours of continuous operation at ambient temperatures from -40°F/-40°C to 95°F/35°C.

Color Rendering Index (CRI): Minimum of 70 or higher.

Dimming: 0-10V standard dimming capability.

Surge Protection: A 20kA surge suppressor is included and complies with IEEE/ANSI C62.41.2 guidelines for "C High." Surge location rated Category C3.

Lumecon ETD System: The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture to ensure long life. To protect the light engine panel from moisture and corrosion, the LED light engine panel is uniformly coated with a UV stabilized acrylic polymer resin that meets MIL and ASTM dielectric standards, UL, and IPC standards for flammability, moisture resistance and thermal shock.

Battery Back-Up (Optional): When triggered into emergency mode, the BBU operates the LEDs for a code-compliant 90 minutes. When AC power is restored, the driver automatically returns to charging mode. The BBU is a UL recognized component and meets all applicable safety standards.

Occupancy Sensor (Optional): Microwave sensor technology rated for -40°F to 130°F. Available in on/off and dim/high functionality.

Certification Data: ETL Listed to UL 1598, UL 8750 and CSA 22.2 No. 250 for Wet Locations. *Full compliance and test documentation is available for TM-21, LM-79, LM-80, ETL Listing to UL1598 and UL 8750, Lighting Facts and DLC. Not all versions of this product may be DLC qualified. For a complete list of Lumecon DLC Qualified Products visit: www.designlights.org.

Manufacturing Origin: US Manufactured and Assembled.

Buy American: Meets Buy American requirements within the ARRA.

Warranty: 10 Year L70 performance based warranty. For full warranty terms, please visit our website: www.lumecon.com



Ordering Information

LWP – FT Options / Ordering Example: LWP-FT-25-DB-1-NW-X-X-X-PC1-X-X

WATTAGE	COLOR	VOLTAGE	COLOR TEMPERATURE	GUARD	BATTERY BACK-UP
25 - 25 Watts	DB - Dark Bronze	1 - 120v - 277v	NW - Neutral	X - None	X - None
60 - 60 Watts	C - Custom	2 - 347v - 480v	CW - Cool	F - Full Cutoff	BB1 -120v BBU
80 - 80 Watts			WW - Warm	S - Side Cutoff	BB2 -277v BBU
				P - Polycarbonate	BBC1 -120v BBU Cold Temp Rated*
				W - Wire	BBC2 -277v BBU Cold Temp Rated*
					* Requires external box

SPLIT CIRCUIT	PHOTOCELL	OCCUPANCY SENSOR	INLINE FUSE
X - None	X - None	X - None	X - None
SC - Split Circuit	PC1 - 120v PC	OC1 - On/Off	F - Inline Fuse, 2.5A
	PC2 - 277v PC	OC2 - Dim/High	
	PC3 - 347v PC		
	PC4 - 480v PC		

Options & Accessories



Full Cutoff, stamped steel in a textured bronze finish



Side Cutoff, stamped steel in a textured bronze finish



Clear Polycarbonate Guard



Wire Guard Stainless Steel

Battery Back-Up

*An external battery back-up box may be required on certain light fixtures. Please contact Lumecon Sales Agent for clarification.

UL Component Recognized / CSA certified

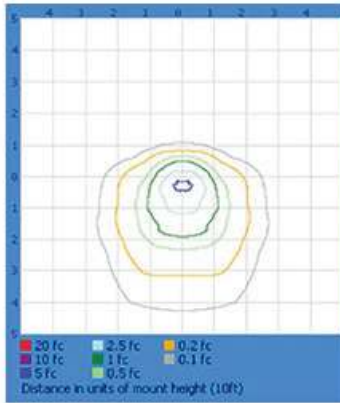
Lumecon's Emergency LED driver has been tested in accordance with the standards set forth in UL 924, "Emergency Lighting and Power Equipment," and with the standards set forth in C22.2 No. 141, "Unit Equipment for Emergency Lighting." Our Emergency LED driver's are UL Component Recognized and CSA Certified for factory installation only. Emergency illumination time exceeds the National Electrical Code (NEC), Life Safety Code (NFPA-LSC), National Building Code of Canada (NBC), National Fire Code of Canada (NFC) and UL 90-minute requirements.



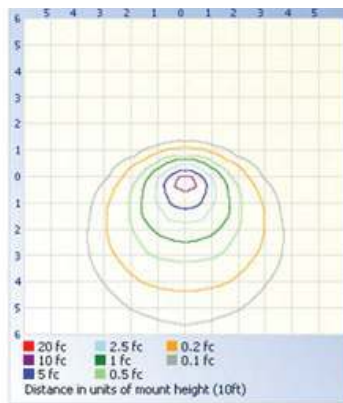
Photometric Data

*For .ies files of this product, please visit the downloads tabs on the LWP-FT product page: <http://lumecon.com/products/lwp-ft-forward-throw/>

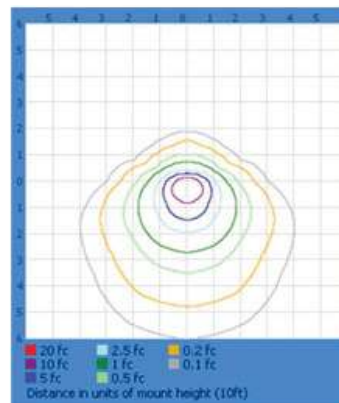
LWP-FT-25



LWP-FT-60



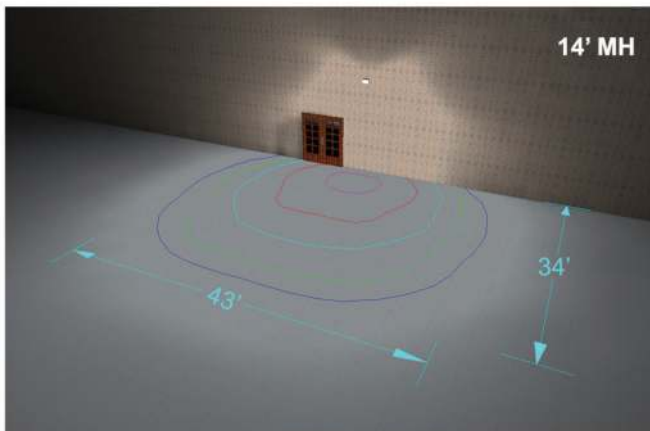
LWP-FT-80



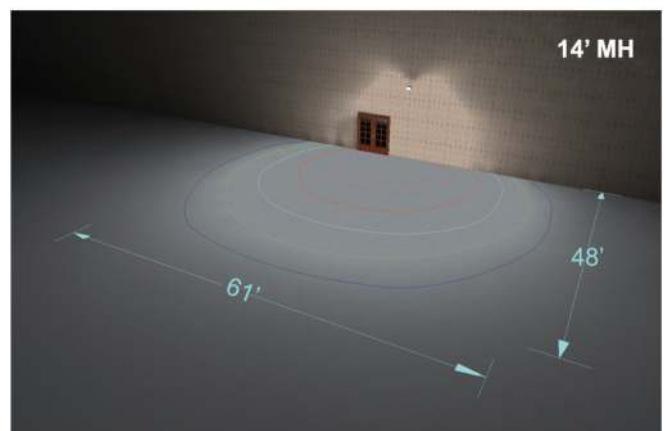
Photometric Illustration

*For .ies files of this product, please visit the downloads tabs on the LWP-FT product page: <http://lumecon.com/products/lwp-ft-forward-throw/>

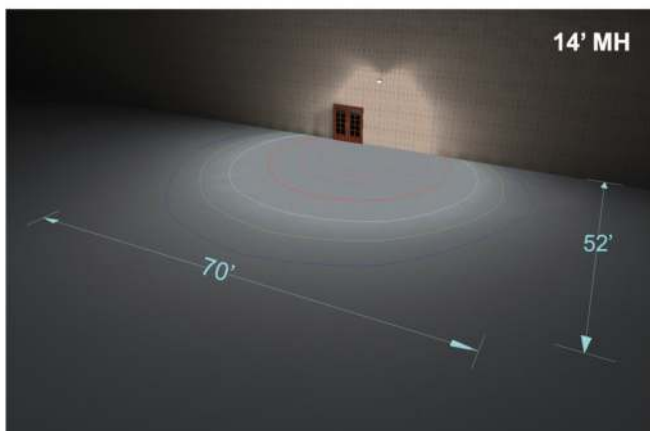
LWP-FT-15



LWP-FT-60



LWP-FT-80



Performance Data

ELECTRICAL LOAD DATA

Fixture Model	Drive Current (mA)	System Watts (W)	AC Current Load (A)			
			120V	208V	240V	277V
LWP-FT-25	112	24.8	0.23	0.13	0.11	0.10
LWP-FT-60	125	56.7	0.53	0.30	0.26	0.23
LWP-FT-80	175	78.9	0.73	0.42	0.37	0.32

LUMEN MAINTENANCE

Data in the table below references projected performance in a 25°C ambient and is based on 10,000 hours of LED testing. Performance data has been tested per IESNA LM-80-08 and projected per IESNA TM-21-11.

Use the lumen maintenance factor that corresponds to the desired number of operating hours below to calculate LLF.

Lumen Maintenance Factors @ 25°C, by hours:

Fixture Model	0	25,000	50,000	70,000	100,000
LWP-FT-25	1.0	0.96	0.93	0.90	0.86
LWP-FT-60	1.0	0.95	0.91	0.88	0.84
LWP-FT-80	1.0	0.95	0.91	0.88	0.84

Lighting Facts

