

FULL CUTOFF LED WALLPACK



Features

5 Year Warranty

Standard universal voltage photocell for automatic On-Off Operation

One for One Replacement of most existing Wallpacks

Full Cutoff for Dark Sky compliance

Minimum rated life of 11.5 years at 11 hours a day. (50,000+ hours)

Ordering

EFC - 40 - UNV - 5K - PC

SERIES WATTAGE VOLTAGE COLOR PHOTOCELL

SERIES	WATTAGE	VOLTAGE	COLOR	PHOTOCELL
EFC = Full Cutoff Wallpack	40 = 40 Watts 60 = 60 Watts	UNV = 120-277V	5K = 5000 Kelvin	PC = 120V - 277V Button Photocell

Energy Savings

System	Input Watts	Hours/Year	\$/KWH	Yearly Cost /Fixture	Fixtures/ Building	System Cost /Year	EFC Savings /Year
EFC-40	39	4380	\$0.12	\$20	100	\$2,050	EFC-40
100W MH	119	4380	\$0.12	\$63	100	\$6,255	\$4,205
150W MH	185	4380	\$0.12	\$97	100	\$9,724	\$7,674
EFC-60	58	4380	\$0.12	\$30	100	\$3,048	EFC-60
175W MH	213	4380	\$0.12	\$112	100	\$11,195	\$8,147
250W MH	293	4380	\$0.12	\$154	100	\$15,400	\$12,352

Savings table for illustrative purposes only. Savings calculations should be completed on a per project basis with data from actual existing systems.

Spec & Performance

Efficacy	138 LPW
CRI	70+
CCT	5000K
THD	<20%
PF	>0.9
LIFE	50,000 hrs
L70 TM-21	100,000+hrs
Warranty	5 Years
Max Temp	104°F (40°C)
Min temp	-4°F (-20°C)

Performance Comparisons

System	Initial Lumens	Lumen Maint.	Fixture Efficiency	System Lumens	Input Watts	System LPW	Rated Life
EFC-40	5,373	100%	100%	5,373	39	138	50,000+
100W MH	9500	60%	60%	3,420	119	29	15,000
150W MH	13,300	60%	60%	4,788	185	26	15,000

EFC-60	8,469	100%	100%	8,469	58	146	50,000+
175W MH	16,500	60%	60%	5,940	213	28	15,000
250W MH	20,000	60%	60%	7,200	293	25	15,000

Construction

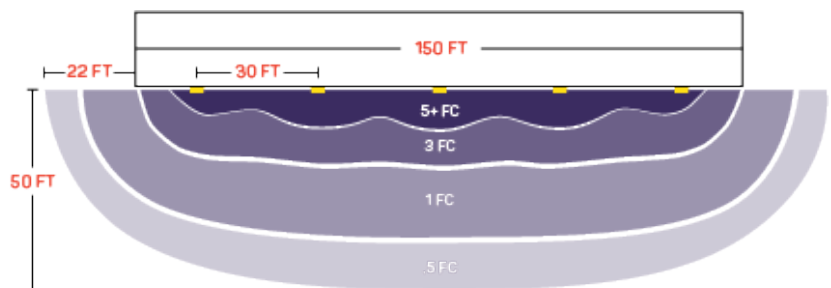
IP65 rated housing with bronze powder coating for maximum durability.

Die Cast aluminum housing

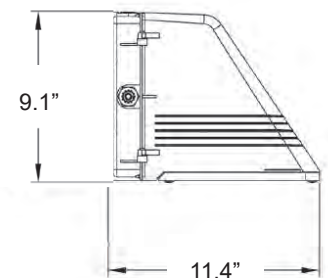
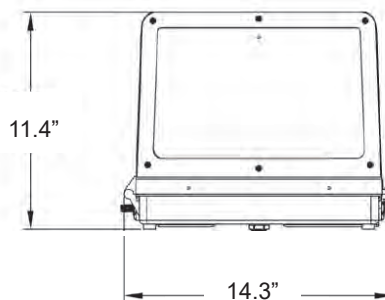
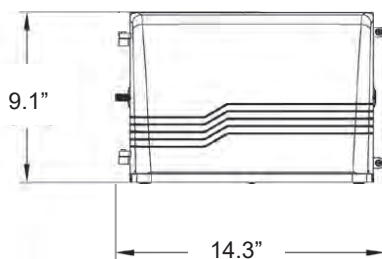
Thermal limiting drivers to prevent overheating in hot environments.

Multiple conduit entry points and removable for fixture back for ease of installation.

EFC-60 Sample Photometric Layout



(5) EFC-60-UNV-5K mounted at 25' high with 30' spacing.



Notes on energy and performance table assumptions

1. Actual system values will vary based on specific lamp, ballast and fixtures.
2. Values shown for lamp/ballast systems are for general quick reference purposes only.
3. EFC system noted at 100% efficiency due to absolute test results versus combination of lamp lumens and fixture efficiency.
4. Many variables can affect system output including: operating environments and specific lamp/ballast performance characteristics.
5. Performance table compares end of life lumen levels for existing systems to be replaced by brand new EFC system at 100% lumen maintenance.
6. Consult specific lamp ballast manufacturer catalogs for actual lumens, wattage, ballast factors, rated life and lumen maintenance for your system.

Notes on sample photometric layout

1. Contact Evolv ITG if photometric assistance with your project is required.
2. Refer to your AHJ to determine the minimum lighting requirements for your project area.
3. Temperature, obstructions, and other operational parameters are not considered in this layout.
4. Specific photometric reports should be generated for your project in order to ensure minimum required light levels.
5. Fixtures are mounted at 25' high with 30' spacing. .2 wall reflectance and .01 Ground reflectance used in calculations.
6. Sample photometric is to be used as a general reference and is not a replacement for a calculation based on your specific project needs.