

luxoARCH

# LWPF | Guardian

Product Data Sheet



COMMERCIAL-GRADE

Classic Wallpack

40W/60W/80W  
80W/100W/120W



## Product Overview

The luxoARCH LED classic wall pack is engineered to protect against vandalism and even bad weather, these fixtures may be paired with photocells to optimize performance. It's design is unique for perimeter illumination and is armed with rugged cast-aluminum corrosion-resistant housing with polyester power-coating for longer lifespan and durability.

Featuring shatter-resistant glass lens, tamper-proof die-cast aluminum housing and designed to weather extremes, the LWPF Guardian-series will exceed lighting demands for driveways, outdoor entry-ways and other general commercial areas.

ARCHIPELAGO luminaires and LED components has been tested by independent laboratory in accordance to IESNA LM79 and LM80. LED color temperature is warranted to shift no more than 180K over the standard warranty period. Furthermore, the range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

## Product Warranty\*



5-Year Warranty



50,000 Hrs

\* Standard warranty. Extended warranty available.

## Applications



Perimeter



Pathways



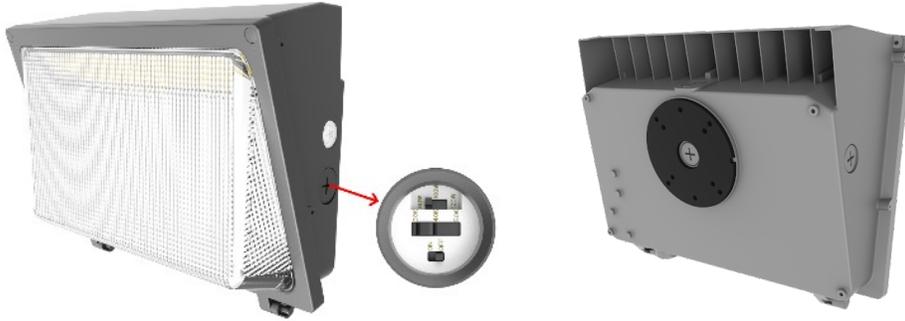
Entryways



Security

## Main Features

- Weather Resistant, Sealed Die-Cast Aluminum
- Two-Piece Die-Cast Aluminum Housing Secures the Thermally Conductive LED Board and Electronics
- Suitable for Extreme Applications Requiring 3G Testing Prescribed by ANSI C136.31
- Optional Photocell Allows for Security and Optimized Efficiency
- Built-In Knock Out Supports Optional Vertical Mount
- Thermally Isolated Driver Design & Mounts Directly to Wall Surface or J-Box
- Optional Built-In Sensor for Optimum Efficiency
- Optional Built-In Battery Backup
- Replaces Up To 400W MH



## Project Details

Project Name:

Fixture Schedule:

Project Number:

Notes:

## Highlights

Features	Description
3-WATTselect	 Wattage selectable: 3-way dip-switch
3-CCTselect	 CCT selectable: 3-way dip-switch
Built-In Photocell	 Toggle between ON/OFF to activate the built-in photocell.
blueARCH™ Controls	 SIG-qualified Bluetooth Mesh lighting control solution. Technology by Silvarir.
High Performance	 Up to 120W, replacing up to 1,000W MH

## Key Specifications

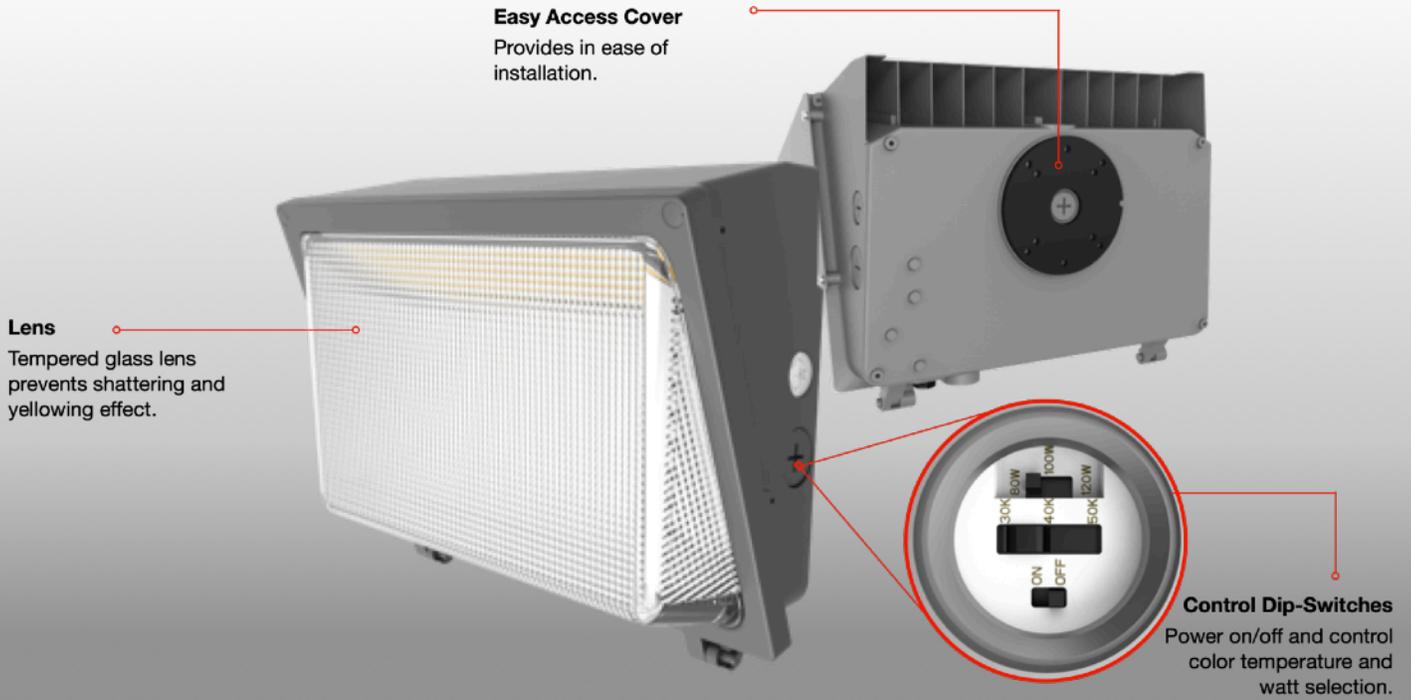
- **Housing:** Sealed die-cast aluminum
- **Operating w/ EM Driver:** 50°F – 105°F
- **Operating Temp\*:** -4°F – 115°F
- **Input Voltage:** 120-277Vac
- **IP:** UL Wet Location Listed
- **PF:** >0.9 Non-Flicker
- **Efficacy:** >138LM/W
- **Dimming:** 0-10V
- **THD:** <20%
- **CRI:** >70

## Certifications



## Model Specifications

Model	WATTselect (W)	Lumen (lm)	Efficacy (lm/W)	CCTselect (K)	Voltage (V)	CRI
LWPF48	40W	5,200lm	130lm/W	3000K 4000K 5000K	120-277V 277-480V	>80
	60W	7,800lm	130lm/W			
	80W	10,400lm	130lm/W			
LWPF812	80W	10,400lm	130lm/W			
	100W	13,000lm	130lm/W			
	120W	15,600lm	130lm/W			



### Ordering Guide

Model Series	Watt (W)	CCT (K)	Voltage (V)	Product Series	Finish
<b>LWPF</b> LED Classic Wallpack	<b>48</b>   80W Max <b>812</b>   120W Max	<b>-3CS</b>   2-CCTselect: 3000K 4000K 5000K	<b>-U</b>   120-277V <sup>1</sup> <b>-H</b>   277-480V <sup>2</sup>	<b>G</b>   Guardian	<b>D</b>   Dark Bronze <b>W</b>   White <b>S</b>   Silver

1. Standard fixture is in 120-277V

2. When used in 480V environment, fixture shall be paired with an appropriate step-down transformer for easy field-installation. See Optional Accessories for reference.

### Optional Accessories

(1) EM Driver	(2) Sensors	(3) Step-Down Transformer	(4) Wire Guard
<b>/EM20</b>   EM20-CMB/260	<b>/NLC</b>   MSM-SDI/54/NLC <b>/BLS</b>   MSM-SDI/54/BLS	<b>/325</b>   SDT-HTO/325	<b>/WG48</b>   LLHB-G1/WG48 <b>/WG812</b>   LLHB-G1/WG812

### Choose your model specifications:

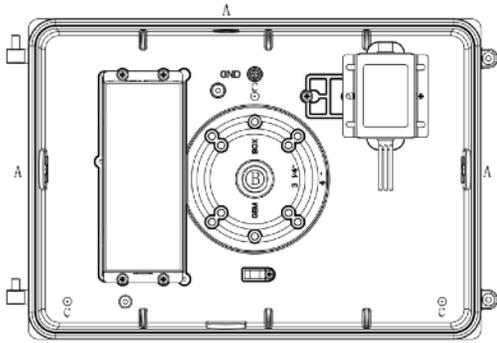
LWPF	<b>48</b>	-3CS	<b>-U</b>	G	D	<b>/EM20</b>	<b>/NLC</b>	<b>/325</b>	<b>/WG48</b>
Model Series	Watt	CCT	Voltage	Product Series	Finish	(1) EM	(2) Sensor	(3) Step-Down	(4) Wire Guard

### Ordering number example:

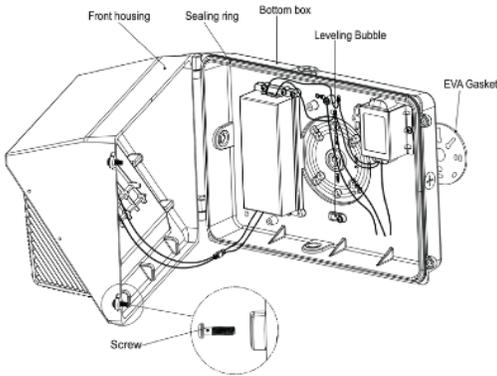
LWPF48-3CS-UGD/EM20/NLC/325/WG48

Please place dashes (-) and forward slashes (/) for optional accessories in the correct order.

### Mounting Options \*Default | \*\*Optional



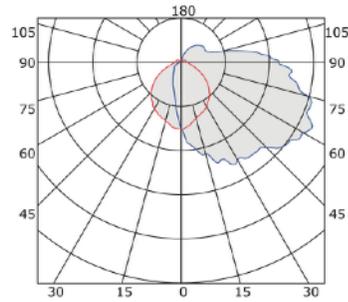
#### Junction Box Mounting\*



#### Conduit Mount\*\*

See Installation Guide for details

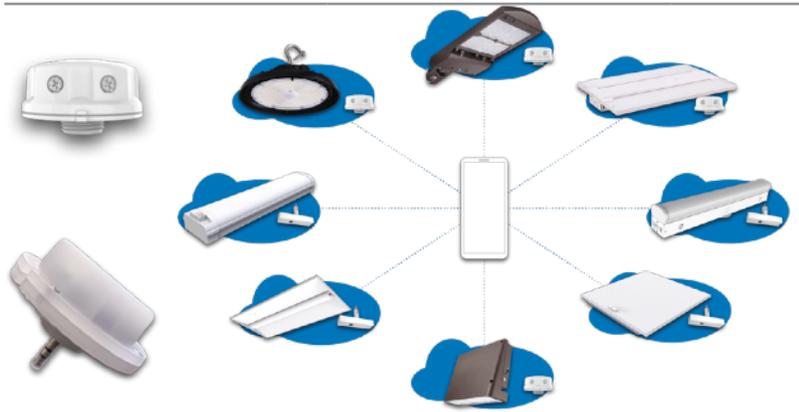
### Photometric



#### General

Beam Angle: 90°  
Spacing Criterion: 1.10

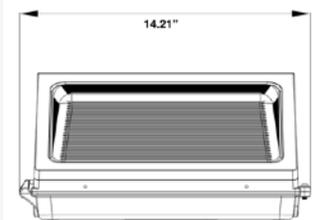
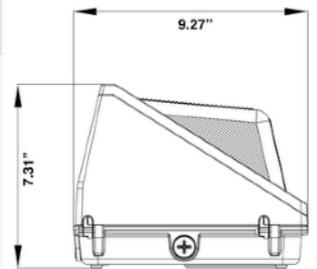
### blueARCH™ Controls



SIG-qualified Bluetooth Mesh lighting control solution. Technology by SILVAIR.

### Sizing & Measurements

Model	Width (in)	Length (in)	Depth (in)	Weight (lb)
LWPF48	9.27	14.21	7.31	9.1
LWPF812	9.27	14.21	7.31	9.8



## Compatible Accessories

Category	Model No.		Sub-Assembly & Compatible Controllers
<b>480V Stepdown Transformer</b>		SDT-HTO/325	
<b>EM Driver</b>		EM20-CMB/260	
<b>Sensor / NLC Compliant</b>		MSM-SDI/54/NLC	blueARCH™ Controls Technology by SILVAIR 
<b>Sensor / Bi-Level Sensor</b>		MSM-SDI/54/BLS	RM-SD/100S Controller 
<b>Wire Guard</b>		LWPF-G1/WG48      LWPF-G1/WG812	