

Catalog #		Date		Prepared by	
Project		Type		Notes	

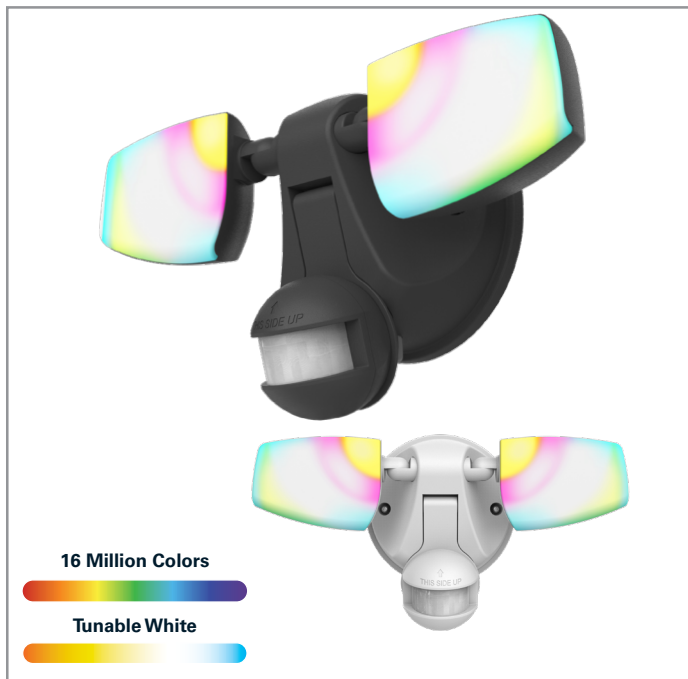
**HALO™**  
OUTDOOR LIGHTING

**WIZ**  
PRO

## ESF WiZ | SMART Wi-Fi® SECURITY MOTION FLOODLIGHT

**LED**

EASY CONTROL WITH APP OR VOICE

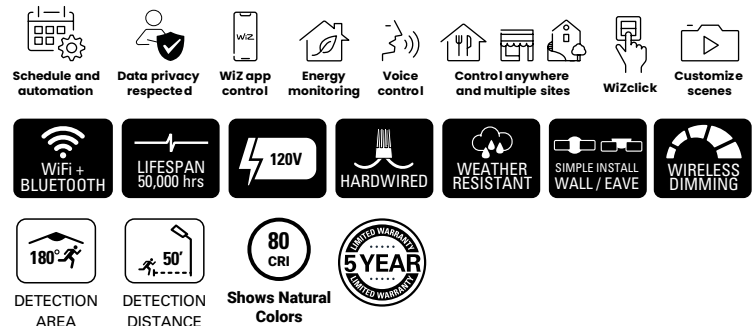


### 2400 LUMEN SMART SECURITY MOTION FLOODLIGHT WITH FULL COLOR AND TUNABLE WHITE LED WITH WIZ

The ESF WiZ LED floodlight with MOTION SENSOR incorporates WiZ smart lighting control into a durable, twin head design for an advanced smart outdoor lighting solution built for high performance. Featuring a multitude of configurable settings including grouping, scheduling, dimming, white tuning and color tuning.

The ESF WiZ MOTION does not require a hub and can be wirelessly controlled directly from any compatible smart device utilizing the WiZ app.

### TOP PRODUCT FEATURES



- Delivers 2400 lumens with 50,000 hours of long life LEDs
- Smart Wi-Fi motion Security floodlight with white tuning (2200K - 6500K) + 16 million colors + wireless dimming all via the WiZ App
- Motion SKUs detects motion 180° and up-to 50 feet
- Configure and control quickly with the WiZ App over Wi-Fi, no hub necessary
- Create Schedules, Group Fixtures together, Control with your voice or App from anywhere
- Pro Installers can use the WiZ Pro Setup App to manage multiple projects, pair over Bluetooth, and access advanced features in the WiZ Pro Dashboard
- Available in White and Black finish
- Wall or eave mounted to recessed or surface junction boxes
- Wet location listed perfect for outdoor use



### INTERACTIVE MENU

- [Order Information](#) page 2
- [Product Dimensions](#) page 2
- [Product Specification](#) page 3
- [Product Warranty](#) page 3
- [Photometric Data](#) page 4

### PRODUCT INTEGRATIONS

**WIZ**  
PRO

works with  
**Hey Google**

works with  
**alexa**

works with  
**Siri Shortcuts**

Works with  
**IFTTT**

Works with  
**SmartThings**

### PRODUCT CERTIFICATION

**WiFi**  
CERTIFIED

**Bluetooth**

**UL**  
CERTIFIED

**RoHS**

**matter**

TYPICAL APPLICATIONS

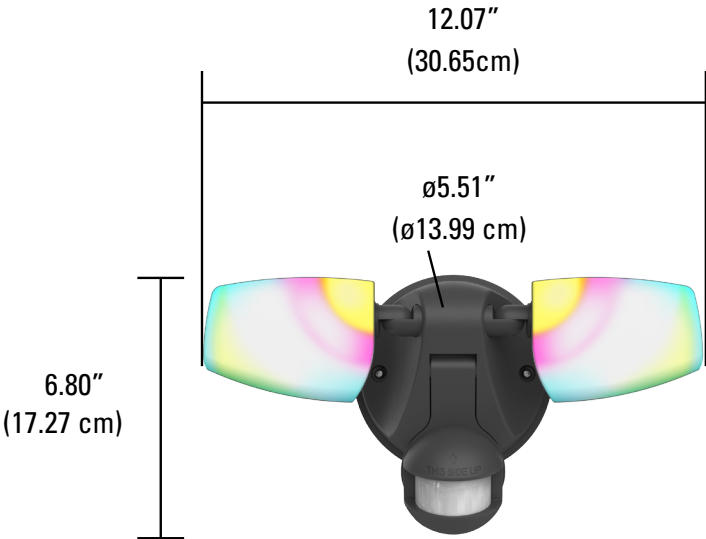


RESIDENTIAL OUTDOOR

- Garages
- Patios
- Back yards
- Barns & Sheds
- General Security Lighting
- Anywhere Security & Ambiance is needed

**Celebrate in style!**  
This RGB Floodlight is ideal for parties, holidays or routing for your favorite sports team!

PRODUCT DIMENSIONS



ORDER INFORMATION

Catalog Number	Description	Material No.	UPC	Case Qty	Case Dimensions (in.)			Weight (lbs)
					L	W	H	
ESF2ARGBWMBL-WIZ	2400LM MOTION FLOOD BLACK WITH RGBW + WIZ	13604447	080083260348	2	6.50	5.51	6.69	1.80
ESF2ARGBWMW-WIZ	2400LM MOTION FLOOD WHITE WITH RGBW + WIZ	13604448	080083260362	2	6.50	5.51	6.69	1.80

### PRODUCT SPECIFICATIONS

#### Wireless System

- ESF WiZ Motion floodlight products can be set up using either the WiZ App or WiZ PRO Setup App.
- Compatible with all WiZ-enabled products.

#### WiZ App Setup & Control

- HALO with WiZ PRO products can be set up and controlled directly within the WiZ App.
- Controlling lights with the WiZ App allows 'away from home' control.
- Wirelessly control on/off, white tuning (2200K to 6500K), full color, and dimming (100% to 5%)
- WiZ Can enable or disable the Motion sensor along with three different mode of operation:
  - Motion sensing only
  - Motion Sensing with brightness condition
  - Lux sensing only
- Android or Apple iOS compatible with most smartphones and tablets
- Setup Groups, Scenes, Schedules, and Rhythms to automate lighting.
- Integrates with Amazon Alexa, Hey Google, Siri Shortcuts, IFTTT, and SmartThings

#### WiZ PRO Control

- HALO with WiZ PRO also has commissioning and account management features designed with the installer in mind.
- Installers can use the WiZ Pro Setup App to set up products quickly without requiring a connection to Wi-Fi.
- Commission, configure and manage multiple installations through one platform and transfer account ownership to your clients.
- The WiZ Pro Dashboard gives professional installers:
  - A clear overview to monitor lighting over a mapped location
  - Full range of configurations and remote control
  - Comprehensive reporting on device status & energy usage
- Learn more about WiZ PRO features and functionality at [pro.wizconnected.com](http://pro.wizconnected.com)

#### WiZ Support

- HALO has partnered with WiZ as a third-party smart home system. All associated information and support for WiZ can be accessed via the **WiZ App, WiZ PRO Setup App, WiZ PRO Dashboard** or at [wizconnected.com](http://wizconnected.com).

#### Control & Dimming

- These fixtures can be used and configured with standard ON/OFF switches. Set up multiple power on behaviors using the WiZ Click feature. (Do not use with any dimmers.)
- The **WiZ Click Feature** is a secondary control option, which uses your main light switch: toggle the switch on once to activate **Favorite Mode 1**, toggle twice for **Favorite Mode 2**.
- Wireless flicker-free dimming from 100%-5% via the WiZ App
- Only compatible with other WiZ-enabled products (Not compatible with HALO Home or any other controls.)

#### Power Cycle Behavior

- Unpaired WiZ fixtures will operate like a standard fixture until claimed into an account (4000K)
- **IMPORTANT:** If fixtures are hardwired with constant power or a user plans to always control them wirelessly instead of with a standard ON/OFF switch, use the Power Outage Recovery setting to prevent devices from turning back ON after a power outage.

#### LED Characteristics

- Delivers 2400 lumens
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 80 CRI minimum.
- 4SDCM at 2700K and 7SDCM up to 6500K
- Color Temperature (CCT) has an adjustable range from 2200K to 6500K within the mobile app (factory default 4000K)
- Full color RGB LEDs also included to delivery 16 million color options
- Built to last with maintenance-free LEDs with 50,000 hours of life

#### Construction

- Lightweight, UV resistant polycarbonate housing.
- Tool-less light head and motion sensor adjustment
- Wall or Eave mounted to standard recessed junction boxes
- Rated for ambient operating temperature range from -22°F (-30°C) to 104°F (40°C)

#### Finish

- Available in textured White or Black finishes

#### Optics

- Sleek wrap around lens design looks modern and aesthetically pleasing
- Lens constructed from Impact-resistant polycarbonate
- UV resistant and frosted to provide diffuse and even illumination

#### Electrical

- Integral 120Vac 60 Hz constant voltage driver provides noise free operation
- The motion sensor has a 180° detection up to 50' range, with adjustable sensitivity and duration
- Refer to installation instructions for more information

#### Compliance

- UL certified for US and Canada for wet locations
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- FCC ID - 2AC7Z-ESP32SOLO1
- IC Code - 21098-ESP32SOLO1

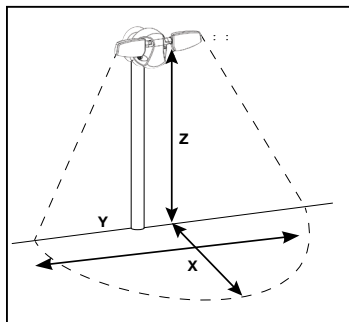
#### Warranty

- **Five year limited warranty.** consult website for details. [www.cooperlighting.com](http://www.cooperlighting.com)

### PHOTOMETRIC DATA

Catalog Number	Voltage (V)	Power (W)	Delivered Lumens	Efficacy (Lumen/ watt)	Color temperature (K)	CRI	Control
ESF2ARGBWMBL-WIZ	120V	28.6	2408	84.4	2200K-6500K	88.3	WiZ App
ESF2ARGBWMW-WIZ	120V	28.2	2594	92	2200K-6500K	88.1	WiZ App

### SUGGESTED MOUNTING HEIGHT



Minimum Foot Candle (FC)		0.50 FC							
Mounting Height (Z)		8 ft		10 ft		15 ft		20 ft	
Catalog Number	Lumens	X	Y	X	Y	X	Y	X	Y
ESF2ARGBWMBL-WIZ	2408	16.1	31.7	17.2	34.6	24.8	37.8	20.3	39.9
ESF2ARGBWMW-WIZ	2594	16.6	33	17.3	35.6	19.6	42	20.9	41

\*Area coverage values for a luminaire with 45° tilt from the ground and 90° between luminaire heads.

X = Forward Throw

Y = Wall Spread

Z = Mounting Heights

Notes:

Forward throw X = 1/2 Y for wall-mount applications only

See IES files for detailed photometry