EQUITY LINE
TRACE✦LITE

RWE Series
LED Glass Refractor Wallpack

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

DESCRIPTION

The RWE Series wallpack features a glass refractor and an updated LED engine, offering higher efficacy lumen output and thermal management while still maintaining the design of our traditional housing. The RWE Series is offered in two sizes for project flexibility and features field-selectable power. The small and medium configurations can switch between 29W-40W-60W with outputs up to 8,016 lumens. The medium configuration is also available in 60W-100W-120W with a lumen output up to 16,218 lumens. All configurations feature field-selectable color temperature between 3000K, 4000K and 5000K CCT. The RWE Series housing is constructed of die-cast aluminum with a dark bronze finish that provides durable protection against environmental conditions and corrosion. RWE is the perfect combination of traditional looking design and industry defining selectable features, making it the ideal solution for commercial and residential applications.

CONSTRUCTION

• Die-cast aluminum housing, thermoset polyester powder coat with a dark bronze finish
• Small and medium enclosures, hinged for easy installation and maintenance as well as access to power selectable dial and CCT switch.
• ½" Conduit hubs on all four sides of the unit for installation flexibility

OPTICS/LEDS

• Provides a range of 3,900 – 8,100 lumens on the small housing and 8,000 – 17,000 lumens on the medium housing
• Prismatic borosilicate glass refractor
• Up to 148 LPW
• CCT switchable; 3000K, 4000K and 5000K CCT
• CRI ≥80
• L70 > 100, 000 hours
• L90 > 51,000 hours

ELECTRICAL

• 120-277VAC, 50/60Hz
• 0-10V Dimming driver, 4kVA surge protection
• Power Factor > 0.90
• Total harmonic distortion <20%
• Power Switchable between 29W-40W-60W (small & medium) and 60W-100W-120W (medium)
• Built in photocontrol – simply connect wires to put in use

INSTALLATION

• Ideal for mounting to any vertical surface and attaches to a 3" or 4" J-box
• Can be surface mounted using the 1/2" conduit entry points on all four sides of the housing
• Enclosure hinges open for easy installation and maintenance as well as access to power selectable dial and CCT switch

OPTIONS

• Integral photocontrol (standard) mounted to one of the hubs. Simply connect wires if needed.
• Integral battery backup option (-BB) offers up to 900 lumens of emergency powered illumination for 90 minutes for path of egress. Rated for ambient temperatures of 0°C to 40°C (32°F to 104°F) Available in the RWE-M-60W- configuration only

ACCESSORIES

• Bluetooth enabled dimming cccupancy sensor, PIR, black finish (LE-RWE-BL-KIT or LE-RWE-BL-12V-KIT)
• Dimming sensor is available for additional energy savings (TL-SC1H) can be controlled via DIP switches or remote control (sold separately). Sensor allows for two or three step/level dimming and has optional daylight harvesting capabilities.
• Remote control for sensor (TL-SC1H-REMOTE)

Color and Power SWITCHABLE

UL CERTIFIED · DLC LISTED PREMIUM · IP65 · 5 YEAR WARRANTY

lite logic · Bluetooth®

Specs At A Glance*

Model	Small	Medium	
Wattage (W)	29W-40W-60W (Switchable)	29W-40W-60W (Switchable)	60W-100W-120W (Switchable)
Lumens (lm)	3,900-8,016	4,000-8,200	8,000-16,218
Efficacy (LPW)	Up to 148	Up to 145	Up to 146
CCT	3000K-4000K-5000K (Switchable)		
CRI	> 80		
Input Voltage	120-277VAC, 50/60Hz		
Operating Temp	-20°C to 40°C (-4°F to 104°F)		
Certifications	cULus Listed for Wet Locations, IP65, DLC PREMIUM		
Warranty	5 Years		

*Nominal Wattage. Tested at 5000K CCT.
See performance table for more detailed lumen information.

TESTING & COMPLIANCE

• cULus Listed for Wet Locations
• IP65 Rated
• DesignLights Consortium® PREMIUM Qualified
• Operating temperatures: -20°C to 40°C (-4°F to 104°F)

WARRANTY

• Five year warranty (terms and conditions apply)

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ORDERING INFORMATION

Example: RWE-M-60-VS-CP-BR

Series	Description	Options (Factory Installed)
RWE-S-60-VS-CP-BR	Small, 60W (Switchable; 29W-40W-60W), 120-277VAC, CCT Selectable (3000K-4000K-5000K), Bronze Finish	BB[1] = Battery Backup
RWE-M-60-VS-CP-BR	Medium, 60W (Switchable; 29W-40W-60W), 120-277VAC, CCT Selectable (3000K-4000K-5000K), Bronze Finish	
RWE-M-120-VS-CP-BR	Medium, 120W (Switchable; 60W-100W-120W), 120-277VAC, CCT Selectable (3000K-4000K-5000K), Bronze Finish	

LiteLogic Accessories[2] (Field Installed)	Accessories[2] (Field Installed)
LE-RWE-BL-KIT[3] = Bluetooth Enabled Dimming Occupancy Sensor, PIR, Black Finish	WG-RWE-M = Wire Guard for RWE-M
LE-RWE-BL-12V-KIT[4] = Bluetooth Enabled Dimming Occupancy Sensor, PIR, Includes 12V Power Adapter, Black Finish	
TL-SC1H = Dimming Occupancy Sensor	
TL-SC1H-REMOTE = Remote Control for TL-SC1H	

Notes

[1] Only available with RWE-M-60-VS-CP-BR

[2] Order as a separate line item; shipped in separate box for field installation

[3] For small and medium 60W models only

[4] For medium 120W models only

PERFORMANCE TABLE

Model	Wattage	CCT	Lumens	LPW	CRI
RWE-S-60-VS-CP (29W, 3K)	29	3000K	3900	139	>80
RWE-S-60-VS-CP (29W, 4K)	29	4000K	4097	141	>80
RWE-S-60-VS-CP (29W, 5K)	29	5000K	4108	146	>80
RWE-S-60-VS-CP (40W, 3K)	40	3000K	5238	131	>80
RWE-S-60-VS-CP (40W, 4K)	40	4000K	5449	136	>80
RWE-S-60-VS-CP (40W, 5K)	40	5000K	5719	143	>80
RWE-S-60-VS-CP (60W, 3K)	60	3000K	7848	130	>80
RWE-S-60-VS-CP (60W, 4K)	60	4000K	7939	132	>80
RWE-S-60-VS-CP (60W, 5K)	60	5000K	8016	133	>80
RWE-M-60-VS-CP (29W, 3K)	29	3000K	4000	138	>80
RWE-M-60-VS-CP (29W, 4K)	29	4000K	4084	141	>80
RWE-M-60-VS-CP (29W, 5K)	29	5000K	4181	144	>80
RWE-M-60-VS-CP (40W, 3K)	40	3000K	5382	132	>80
RWE-M-60-VS-CP (40W, 4K)	40	4000K	5595	140	>80
RWE-M-60-VS-CP (40W, 5K)	40	5000K	5851	146	>80
RWE-M-60-VS-CP (60W, 3K)	60	3000K	8031	132	>80
RWE-M-60-VS-CP (60W, 4K)	60	4000K	8119	135	>80
RWE-M-60-VS-CP (60W, 5K)	60	5000K	8200	136	>80
RWE-M-120-VS-CP (60W, 3K)	60	3000K	8000	133	>80
RWE-M-120-VS-CP (60W, 4K)	60	4000K	8221	137	>80
RWE-M-120-VS-CP (60W, 5K)	60	5000K	8458	141	>80
RWE-M-120-VS-CP (100W, 3K)	100	3000K	14392	144	>80
RWE-M-120-VS-CP (100W, 4K)	100	4000K	14260	139	>80
RWE-M-120-VS-CP (100W, 5K)	100	5000K	14761	147	>80
RWE-M-120-VS-CP (120W, 3K)	120	3000K	16101	134	>80
RWE-M-120-VS-CP (120W, 4K)	120	4000K	16200	135	>80
RWE-M-120-VS-CP (120W, 5K)	120	5000K	16218	135	>80

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

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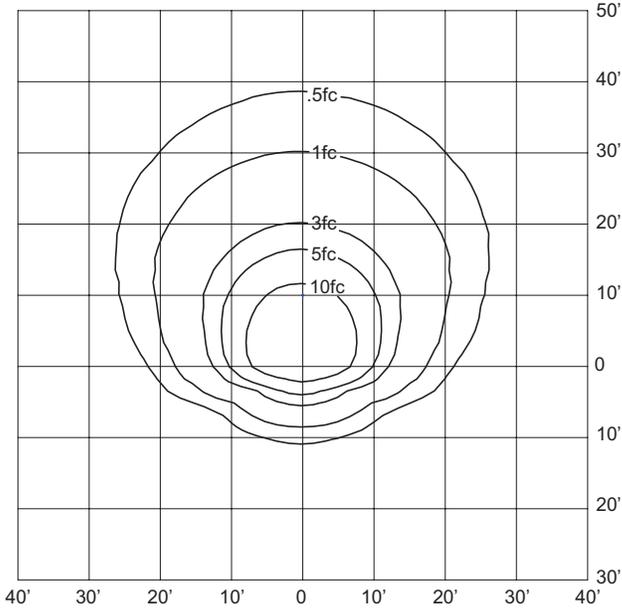
SAMPLE PHOTOMETRICS

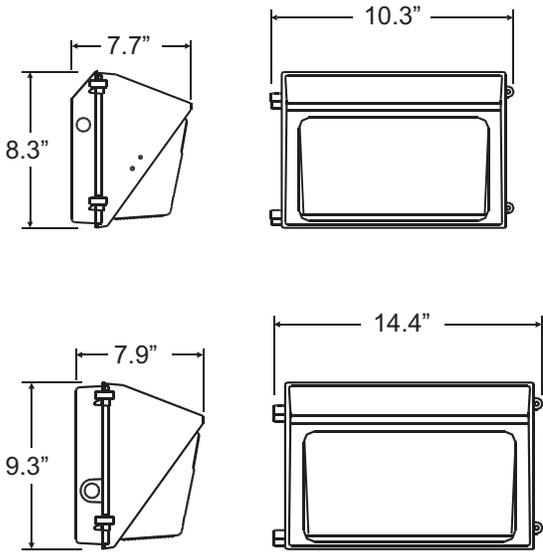**RWE-M-60-VS-CP: 60W, 4000K CCT**
IES: TYPE IV Very Short
MOUNTING HEIGHT: **10'**
TILT: ZERO
HORIZONTAL SPACING CRITERIA: 2.18

DIMENSIONS

7.7"
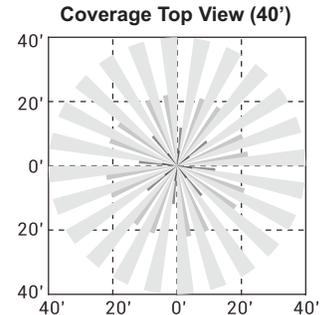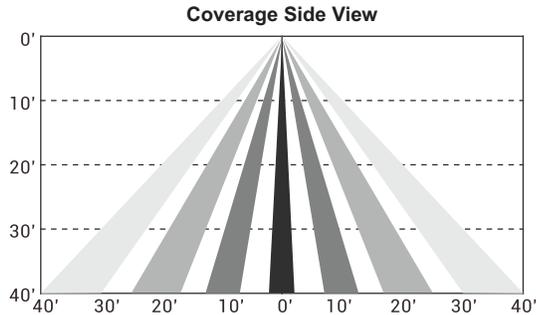8.3"
10.3"

7.9"
9.3"
14.4"

OPTIONAL WIRE GUARD (WG-RWE-M)

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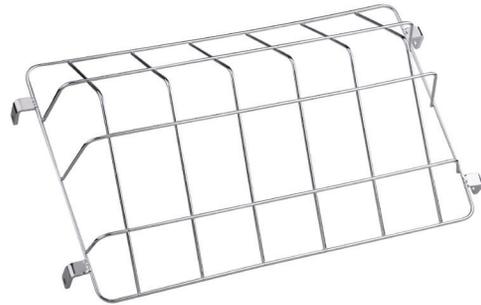
Sensor Details - Bluetooth Enabled (Accessories LE-RWE-BL-KIT and LE-RWE-BL-12V-KIT) <u>Click here for sensor details</u>

LE-MS3W-BL-AUX-HB1

LE-C3 12V Adapter
(LE-RWE-BL-12V-KIT Only)

LE-RECEPTW-BL-AUX

LE-ADAPTER-BL-AUX

Coverage Side View

Coverage Top View (40')

**SEE APP FOR
SENSOR SETTINGS**

For a complete list of **LiteLogic** compatible products, click here.

litelogic
LIGHTING CONTROLS
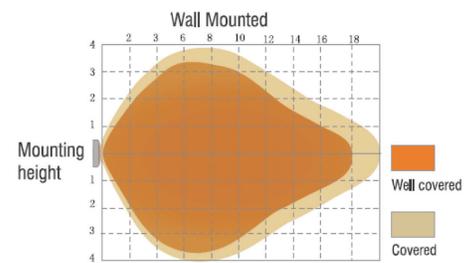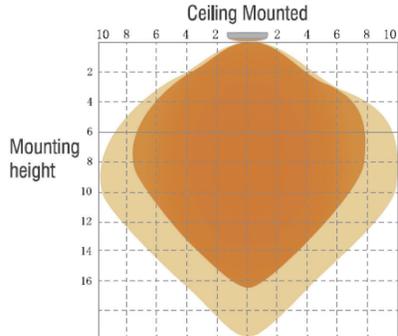
Get it from the
**App Store**

Get it from
Google Play

Note: Bluetooth sensor controls do not allow for CCT selection using the app. CCT must be manually selected on the fixture.

**Sensor Details (Accessories TL-SC1H & TL-SC1H-REMOTE)**

Ceiling Mounted

Mounting height

Wall Mounted

Mounting height

Well covered

Covered

Operating Voltage	12 ± 2VDC
Operating Current	30mA
Output	DIM 0-10V
Stand-by Power	<0.5W
Brightness	0%-100%/Quick Setting: 70%/80%/90%100%
Sensitivity	20%/50%/75%/100%
Hold Time	10s/1min/10min/30min
Daylight Threshold	10Lux/30Lux/50Lux/100Lux/Disable
Stand-by Period	1min/30min/60min/+∞
Stand-by Dimming Level	10%/20%/30%/50%
Microwave Frequency	5.8GHz ± 75MHz
Microwave Power	<0.5W
Detection Angle	150° (Wall Mounted) 360° (Ceiling Mounted)
Control Line	Pink: +12V; Purple: DIM+; Gray: GND/DIM−
Mounting Height	Max 15m (Ceiling Mounted)
Detection Range	Max Ø15m (Ceiling Mounted) Max 20m (Wall Mounted)
Operating Temperature	-30°C~+60°C
IP Rating	IP65

2.2"

3.9"
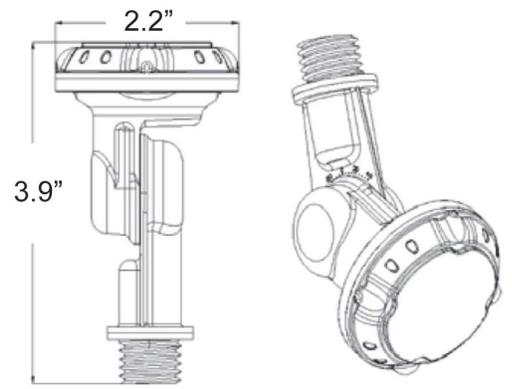
Note: Default setting: Brightness:100%, Hold time:1 min, Stand-by dimming level:20%,
Stand-by time:1 min, Sensnivity:100%, Daylight: Disabled

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DISPLAY AREA
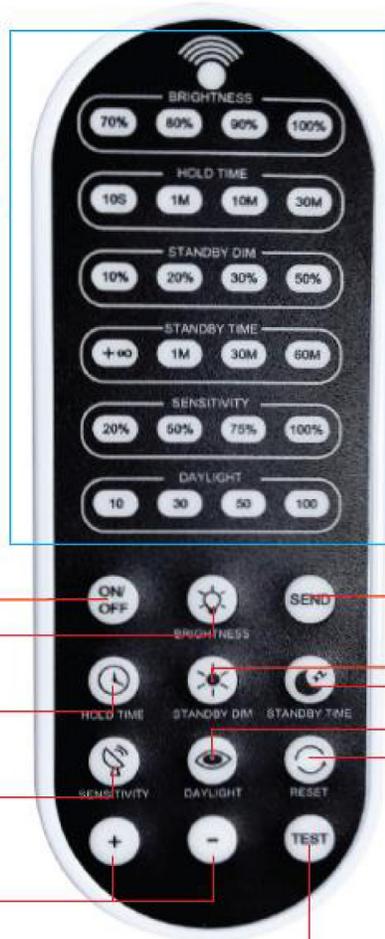
Main **ON/OFF** button
Press and hold until the brightness indicator light is on (First-row).
Press to turn on or turn off the fixture.

Press **BRIGHTNESS** to set brightness level: 70%, 80%, 90% or 100%.

Press **HOLD TIME** to set hold time period: 10s,1min,10min or 30min.

Press **SENSITIVITY** to set sensitivity level: 20%, 50%, 75% or 100%.

+ (MODE 1) or - (MODE 2)
To set the mode, save all other settings first, then press and hold either + or - to remember the saved settings. To program additional sensors, press + or -, and then press "SEND" to program that sensor.

Press **SEND** to save settings after each change. The indicator light confirms the save setting.

Press **STANDBY DIM** to set standby dim level: 10%, 20%, 30% or 50%.

Press **STANDBY TIME** to set stand-by period: +∞, 1min, 30min or 60min. Note: "+∞" means the light will remain at the standby dim level until motion is detected. When a time is selected, the fixture will turn off after the set time.

Long press **DAYLIGHT** to activate the daylight control. Short press to set daylight threshold: 10Lux, 30Lux, 50Lux or 100Lux. By default, the daylight control disabled.

Press **RESET** to restore to default settings (Brightness 70%, hold time 10s, daylight threshold disabled, sensitivity 20%, stand-by dimming level 10%, and stand-by time +∞). Note: Products with DIP switches will be controlled by DIP switches.

The "**TEST**" button is for testing purposes. Pressing this button, the sensor goes to test mode (Hold time is only 3s if motion detected).

NOTES:

- Indicator lights will automatically turn off if not in use for more than 10 seconds
- When using the "On/Off" button: "On/Off", "Brightness", and "Send" buttons remain working. Other settings will be disabled.
- When using the "Test" button: "Test", "Sensitivity", and "Send" remain working. Other settings will be disabled.
- You must press the "Send" button to save your settings after each adjustment. The red indicator light means you have successfully saved your settings.

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