TYPE NO.:

CATALOG NO.:

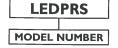


# **High-Lites**

# Pluralux Series Wet Location LED Emergency Lighting Units

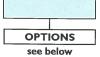
#### **ORDERING INFORMATION**

Catalog Number: Example: LEDPRSWCL





W - White



OPTIONS

CL Cold Location Operation



Also available in black or white finishes

#### **SPECIFICATIONS**

Construction	and gasketed for damp and wet location applications.  Prismatic Lens: Unit lens is constructed of clear, high impact polycarbonate.									
Installation	The housing backplate provides knockouts for mounting the unit to wall surfaces and/or standard 31/2" and 4" utility boxes.  Wiring: Knockouts in the unit backplate allow rear wiring input from utility boxes. An entry point is also provided on the top of the unit housing to allow connection to rigid surface conduit.									
Illumination	Emergency illumination is provided by 4.8V, 5W ultra bright white LED Prismatic lenses provide bright, even, glare-free operation in a wide pattern across the path of egress.									
Electronics	<ul> <li>Dual input 120/277VAC, 60 Hz</li> <li>AC-On indicator light and test switch</li> <li>Automatic, constant current charger</li> <li>Automatic brownout protection</li> </ul>									
Power Consumption	Input Power: 10W (maximum charge), 3.5W ready state									
Battery	4.8V nickel cadmium sealed maintenance free battery.  Optimum operating temperature range: 32°F to 122°F (0°C to 50°C).  Provides a minimum of 90 minutes of full output emergency illumination.									
Code Compliance	Listed to UL924. Meets NFPA Life Safety Code 101. Complies with NEC and OSI-IA.									
Warranty	Limited 3-year warranty. 5-year nickel cadmium pro-rata battery warranty.									



### **PRODUCT FEATURES**

- · Attractive, architectural styling
- · Low profile design meets ADA requirements
- · Die-cast aluminum housing
- Choice of three decorator color finishes
- Self-diagnostic circuitry standard
- Ultra bright white LED lamps provide superior emergency lighting levels
- Polycarbonate lens and mirrored reflector provide even illumination
- Fast, easy wall mount installation
- · Provision for back wiring or surface conduit entry
- Universal 120/277VAC input
- · Fully automatic charger standard
- Maintenance-free nickel cadmium battery standard
- 90 minutes of emergency illumination
- · Momentary test switch and AC ready indicator
- UL924 and UL Wet Location listed
- Suitable for damp and wet location applications
- Meets NFPA Life Safety Code 101, NEC and OSHA
- UL operating range 32°F to 122°F (0°C to 50°C)
- Cold location option allows operation range of -4°F to 122°F (-20°C to 50°C)

#### **DIMENSIONS**



**NOTE:** Dimensions and specifications subject to change without notice. Form 1278A 04/12 © 2006 Philips group



# GF Lighting



# Batten LED Luminaire

# Utility Lighting and More.

New Batten LED Luminaire gives you more performance in tight, demanding situations where cold and damp conditions along with the outdoor elements come into play. It brings the money-saving benefits of GE LED technology to ATMs, awnings, drive-thru areas... places where dependable utilitarian light is required.



# More Lighting Performance

- Maximizes coverage through wide, uniform Lambertian light distribution
- Extruded plastic design protects against moisture, dust and damage
- No decrease of light output in cold settings—as can happen with fluorescent
- Can be used in -40°C to 60°C (-40°F to 140°F)
- Lumen Output: 400 lumens/foot
- 50,000-hour rated life
- Color Temperatures: 7100K, 5000K, 4000K, 3000K
- Sizes: 2ft, 4ft, 8ft

# **Applications:**

- LED Luminaire Fixture
- Awnings
- ATMs
- Drive-thrus

# More Savings on Installation and Operation

- Installation is fast and easy with mounting clips
- Integrated power supply eliminates separate drivers
- Easily daisy chain (jumper wire & end-to-end) up to 40 feet of product
- Energy Consumption: 4.5 System watts/ft
- Input Voltage: 90-277 VAC
- Damp Rated
- IP66 Tested



Batten LED Luminaire comes in 3 sizes 2ft, 4ft & 8ft



# Components

SKU	Description	Long Description	Package Quantity
94456	GEWI102432BAT-SY	GE 24" 3000K LED Fixture Single Unit	1 Fixture per box
94455	GEWI102441BAT-SY	GE 24" 4000K LED Fixture Single Unit	1 Fixture per box
94459	GEWI104832BAT-SY	GE 48" 3000K LED Fixture Single Unit	1 Fixture per box
94458	GEWI104841BAT-SY	GE 48" 4000K LED Fixture Single Unit	1 Fixture per box
94462	GEWI109641BAT-SY	GE 96" 3000K LED Fixture Single Unit	1 Fixture per box
94461	GEWI109641BAT-SY	GE 96" 4000K LED Fixture Single Unit	1 Fixture per box
64409	GEWI102432BAT	GE 24" 3000K LED Fixtures	4 Fixtures per box
64430	GEWI102441BAT	GE 24" 4000K LED Fixtures	4 Fixtures per box
64431	GEWI102450BAT	GE 24" 5000K LED Fixtures	4 Fixtures per box
94454	GEWI102471BAT	GE 24" 7100K LED Fixtures	4 Fixtures per box
64432	GEWI104832BAT	GE 48" 3000K LED Fixtures	4 Fixtures per box
64433	GEWI104841BAT	GE 48" 4000K LED Fixtures	4 Fixtures per box
64434	GEWI104850BAT	GE 48" 5000K LED Fixtures	4 Fixtures per box
94457	GEWI104871BAT	GE 48" 7100K LED Fixtures	4 Fixtures per box
64472	GEWI109632BAT	GE 96" 3000K LED Fixtures	4 Fixtures per box
64473	GEWI109641BAT	GE 96" 4000K LED Fixtures	4 Fixtures per box
65653	GEWI109650BAT	GE 96" 5000K LED Fixtures	4 Fixtures per box
94460	GEWI109671BAT	GE 96" 7100K LED Fixtures	4 Fixtures per box
96440	GERBL-02FP-10-LC72IN	GE 6ft Leader Cable	1 Leader Cables per bag
96441	GERBL-02MG-10-JC24IN	GE 2ft Jumper Cable	1 Jumper Cables per bag
96442	GEMOUNTCLP	GE Mounting Clips	12 clips per bag

# Technical Specifications

Specification Item	Wavelength	Typical Brightness (lumens/fixture)	Energy Consumption (System/Module)	Maximum Run Length	Light Distribution	Dimensions
Batten LED Luminaire 2 Foot	7100K, 5000K 4000K, 3000K	800	9.00	40 ft/12 meters	Lambertian	24.7 in x 1.48 in x 2.02 in
Batten LED Luminaire 4 Foot	7100K, 5000K 4000K, 3000K	1600	16.00	40 ft/12 meters	Lambertian	46.7 in × 1.48 in × 2.02 in
Batten LED Luminaire 8 Foot	7100K, 5000K 4000K, 3000K	3200	32.00	40 ft/12 meters	Lambertian	90.9 in x 1.48 in x 2.02 in

Specification Item Specific	cation
-----------------------------	--------

· ·		
Applications	Awnings, Drive Thru, ATM	
Operating Environment	-40 °C to +60 °C	
Voltage	120- 277 VAC	
Warranty	GE offers a limited system warranty of up to five (5) years	
System Certifications	UL Classified #E320964	



Batten fixtures become cut-off once mounted under a canopy



# www.gelighting.com

GE and the GE Monogram are trademarks of the General Electric Company. All other trademarks are the property of their respective owners. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions. GE Lighting and GE Lighting Solutions, LLC are businesses of the General Electric Company. © 2014 GE.

GE Lighting

# **Evolve™ LED Area Light**

Scalable Area Light (EASC)





#### **Product Features**

The next evolution of the GE Evolve<sup>TM</sup> LED Area Light continues to deliver outstanding features, while adding greater flexibility, style and scalability. This latest design offers higher lumen outputs and provides photometric combinations with high efficacy, providing the ability to meet even a wider range of area lighting needs. Additionally, the new EASC Evolve Luminaire comes with a specially designed auto dealership optic for exceptional illuminance on the dealership's front row. Optional programmable motion sensing for Title 24 compliance is available.

#### **Applications**

- Site, area, and general lighting applications utilizing advanced LED optical system providing high uniformity, excellent vertical light distribution, reduced offsite visibility, reduced on-site glare and effective security light levels.
- Ideal for small to large retailers, commercial to medical properties, and big box retailers.

#### Housing

- · Die-cast aluminum housing.
- Slim architectural design incorporates an integral heat sink and light engine, ensuring maximum heat transfer, long LED life, and a reduced Effective Projected Area (EPA).
- Meets 3G vibration standards per ANSI C136.31-2010 for Slipfitter and Mounting Arm configurations. Meets 1.5G vibration standards for Knuckle Slipfitter Mounting.

#### **LED & Optical Assembly**

- Structured LED arrays for optimized area light photometric distribution.
- Evolve light engine with directional reflectors designed to optimize application efficiency and minimize glare.
- Utilizes high brightness LEDs, 70 CRI at 4000K and 5000K typical.

#### **Lumen Maintenance**

- Projected L90>100,000 hours per IES TM-21
- Projected Lxx per IES TM-21 at 25°C for reference:

	Lxx (10k) @ Hours*							
Optical Code	25,000 hr	50,000 hr	100,000 hr					
All (up to 398 Watts)	L98	L95	L91					

#### Note

maintenance measurements.

- Projected Lxx based on LM80 (10,000 hour testing). \*\*Projected Lxx based on LM80 (6,000 hour testing).
- DOE Lighting Facts Verification Testing Tolerances apply to initial luminous flux and lumen

#### **Lumen Ambient Temperature Factors:**

Ambient Temperature: (°C)	Initial Flux Factor
10	1.02
20	1.01
25	1.00
30	0.99
40	0.98



#### Ratings

- **(**Iisted, suitable for wet locations.
- (1) listed with option code "J" SKUs.
- IP65 rated optical enclosure per ANSI C136.25-2009.
- Temperature rated at -40° to 50°C (-40° to 35°C for fixtures over 390 watts).
- Upward Light Output Ratio (ULOR) = 0.
   This means full cutoff
- Title 24 compliant with "H" motion sensor option.
- Compliant with the material restriction requirements of RoHS.

#### Mounting

#### Option A

• 10-inch (254mm) mounting arm for square pole prewired with 24-inch (610mm) leads.

#### Option B

• 10-inch (254mm) mounting arm for round pole prewired with 24-inch (610mm) leads.

#### Option C

 Slipfitter mounting for 2 3/8-inch (60mm) O.D. pipe prewired with 24-inch (610mm) leads.

#### Option D

• 10-inch (254mm) mounting arm for round or square pole prewired with 24-inch (610mm) leads.

#### Option S

 Knuckle Slipfitter mounting for 2.3-3" O.D. pipe, pre-wired with 24-inch (610mm) leads.

#### Finish

- Corrosion resistant polyester powder painted, minimum 2.0 mil. thickness.
- Standard colors: Black & Dark Bronze.
- RAL & custom colors available.

#### Electrical

- 120-277 volt and 347-480 volt available.
- System power factor is >90% and THD <20%.\*
- Class "A" sound rating.
- Photo electric sensors (PE) available for all voltages.
- ANSI C136.41 dimmable PE receptacle is available making the unit "adaptive controls readu."
- Surge Protection Options:
   For 120-277VAC and 347-480VAC per IEEE/ANSI C136.2-2015.
  - 6kV/3kA "Basic" surge protection, standard.
  - 10kV/5kA "Enhanced" surge protection available with R option.

<sup>\*</sup> System power factor and THD is tested and specified at 120V input and maximum load conditions.

# Ordering Number Logic Evolve™ LED Scalable Area Light (EASC)

## FAS



EAS	<u> </u>	_	-	_	-									
PROD. ID P	HOTOMETRIC VO		TICAL DISTRIBUTI ODE ORIENTATIO		LED COLOR TEMP	PE FUI	NCTION		MOUNTI ARM		COLO	DR	OPTIONS	
E = Evolve   C A = Area S = Scalable	Series 1 = 1 2 = 2 3 = 2 4 = 2 5 = 4 D = 3 H = 3. * Specivolto	208* 240* 277* 480*	F = Front L = Left R = Right N = Not Applicabl	Light patte thrown in a specified in to Pole and	lirection relation Fixture. Fixture.  Fole  (L)  Pole  icoble	Récepi D = ANSI C 7-pin c Recepi Shortir	dimming PE tacle †# 136.41 dimming PE tacle with ng Cap †#  dering PE socket A-D, g driver mur driver dunde ONS* colum	B =  C =  D =  S =  st :r ro.	supplied v 10" Arm for square po with leads additional Knuckle S for 2.3 in. Tenon, su	or with leads or leaving leads of fitter (1.378 in. OD) with leads or leaving	BLCK = Bla DKBZ = Data DKBZ = Brown BRAY = Grown WHTE = Wh Contact man or other col	rk Bronze Iy ite nufacturer	C = IEC D = Dimming (0-10 Volt Ir F = Fusing H = Motion Sen J = CUL/Canad R = 10kV Extra Protection XXX = Special Opt † Dimming leads wiprovided through th of the arm, unless si with A or D PE tunck ** When ordering N Sensing Option H - 'A Mounting Arm must Fixture power increae expected with sensor # Dimming is stand with H option code. D not also select D opti Not compatible with P receptacle options A,	sor ** # a Surge ions Il be e back oecified ion. lotion f or "B" be select e of 1W use. ard lo on. E
OPTICAL CODE	ТҮРЕ		TYPICAL INITIAL LUMENS 4000K & 5000K	TYPICAL SYST WATTAGE 120-277V & 347	ORIE	RIBUTION NTATION AILABLE		S RATIN OK & 50 U			1E	S FILE N	IUMBER 5000K	
D5	Symmetric Medi	lium	8300	82		N	3	0	2	EASC D5		.IES	EASC D5N550	.1E
E5	Symmetric Medi		12700	119		N	4	0	2	EASC_E5		.IES	EASC_E5N550_	IE
F5	Symmetric Medi		15000	137		N	4	0	2	EASC_F51		.IES	EASC_F5N550_	.IE
G5	Symmetric Medi		17100	156		N	4	0	2	EASC_G5		.IES	EASC_G5N550	.IE
H5	Symmetric Medi	ium	21200	199		N	4	0	2	EASC H5	N540	JES	EASC H5N550	

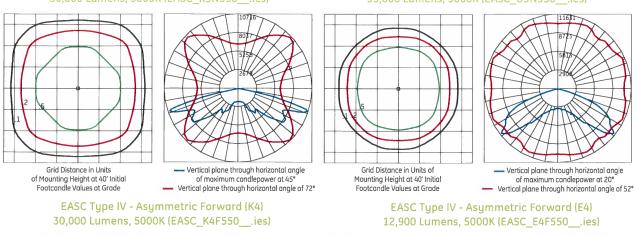
	OPTICAL CODE	ТҮРЕ	TYPICAL INITIAL LUMENS	TYPICAL SYSTEM WATTAGE	DISTRIBUTION ORIENTATION AVAILABLE		G RATIN		IES	FILE	NUMBER	
	CODE		4000K & 5000K	120-277V & 347-480V	AVAILABLE	В	U	G	4000K		5000K	
	D5	Symmetric Medium	8300	82	N	3	0	2	EASC_D5N540	.IES	EASC D5N550	.IES
	E5	Symmetric Medium	12700	119	N	4	0	2	EASC E5N540	.IES	EASC E5N550	.IES
	F5	Symmetric Medium	15000	137	N	4	0	2	EASC_F5N540	.IES	EASC_F5N550_	.IES
	G5	Symmetric Medium	17100	156	N	4	0	2	EASC G5N540	.IES	EASC_G5N550	.IES
	H5	Symmetric Medium	21200	199	N	4	0	2	EASC_H5N540_	.IES	EASC_H5N550_	JES
	J5	Symmetric Medium	25200	235	N	5	0	3	EASC_J5N540	.IES	EASC_J5N550_	.IES
15	K5	Symmetric Medium	30000	283	N	5	0	3	EASC_K5N540	.IES	EASC_K5N550	.IES
TYPEV	L5	Symmetric Medium	38000	395	N	5	0	4	EASC_L5N740	.IES	EASC_L5N750_	.IES
[≊]	N5	Symmetric Short	9200	82	N	3	0	1	EASC_N5N540_	.IES	EASC_N5N550_	.IES
	P5	Symmetric Short	13800	119	N	3	0	2	EASC_P5N540	IES	EASC_P5N550	.IES
	Q5	Symmetric Short	16400	137	N	4	0	2	EASC_Q5N540	.IES	EASC Q5N550	.IES
	R5	Symmetric Short	18700	156	N	4	0	2	EASC_R5N540	.IES	EASC_R5N550_	.IES
	S5	Symmetric Short	23100	199	N	4	0	2	EASC S5N540	.IES	EASC_S5N550	.IES
	T5	Symmetric Short	27400	235	N	4	0	2	EASC_T5N540	.IES	EASC_T5N550	.IES
	U5	Symmetric Short	33000	283	N	5	0	2	EASC_U5N540	.IES	EASC_U5N550	.IES
	V5	Symmetric Short	41500	395	N	5	0	3	EASC V5N740	.IES	EASC V5N750	.IES
	A4	Asymmetric Forward	4200	44	F, L, R	1	0	1	EASC A4F540	.IES	EASC A4F550	.IES
	B4	Asymmetric Forward	6500	62	F, L, R	1	0	2	EASC B4F540	IES	EASC B4F550	.IES
	C4	Asymmetric Forward	7600	72	F, L, R	1	0	2	EASC C4F540	JES	EASC C4F550	.IES
	D4	Asymmetric Forward	8700	82	F, L, R	1	0	2	EASC D4F540	.IES	EASC D4F550	.IES
≥	E4	Asymmetric Forward	12900	119	F, L, R	2	0	3	EASC E4F540	IES	EASC E4F550	.IES
TYPE IV	F4	Asymmetric Forward	15400	144	F. L. R	2	0	3	EASC F4F540	.IES	EASC F4F550	.IES
1	G4	Asymmetric Forward	17100	156	F, L, R	2	0	3	EASC G4F540	.IES	EASC G4F550	.IES
ш	H4	Asymmetric Forward	21200	199	F, L, R	- 3	0	4	EASC H4F540	JES	EASC H4F550	.IES
ш	J4	Asymmetric Forward	25200	235	F. L. R	3	0	4		IES	EASC J4F550	JES
	K4	Asymmetric Forward	30000	283	F, L, R	3	0	5		.IES	EASC K4F550	.IES
	L4	Asymmetric Forward	38300	395	F, L, R	3	0	5		IES	EASC L4F750	.IES
	A3	Asymmetric Wide	4700	44	F. L. R	1	0	1		IES	EASC A3F550	.IES
ш	B3	Asymmetric Wide	7100	62	F, L, R	1	0	1		.IES	EASC B3F550	.IES
ш	C3	Asymmetric Wide	8300	72	F, L, R	1	0	2	EASC C3F540	.IES	EASC C3F550	.IES
	D3	Asymmetric Wide	9500	82	F. L. R	2	0	2	EASC D3F540	JES	EASC D3F550	.IES
l≡l	E3	Asymmetric Wide	13900	119	F, L, R	2	0	2		.IES	EASC E3F550	.IES
TYPE III	F3	Asymmetric Wide	16800	144	F, L, R	2	0	2		IES	EASC F3F550	JES
	G3	Asymmetric Wide	18700	156	F, L, R	2	0	2		.IES	EASC G3F550	.IES
П	H3	Asummetric Wide	23100	199	F. L. R	3	0	3		JES	EASC H3F550	.IES
	J3	Asymmetric Wide	27400	235	F, L, R	3	0	3		IES	EASC J3F550	JES
	K3	Asymmetric Wide	33000	283	F, L, R	3	0	4		.IES	EASC K3F550	.IES
1 1	L3	Asummetric Wide	41500	395	F. L. R	3	0	4		IES	EASC L3F750	JES
	A2	Asymmetric Narrow	4600	44	F, L, R	1	0	1		IES	EASC A2F550	JES
ı i	B2	Asymmetric Narrow	6800	62	F, L, R	1	0	1		IES	EASC B2F550	.IES
ll	C2	Asymmetric Narrow	8000	72	F, L, R	2	0	2		.IES	EASC C2F550	JES
	D2	Asymmetric Narrow	9100	82	F, L, R	2	0	2		.IES	EASC_D2F550	IES
1_1	E2	Asummetric Narrow	13400	119	F, L, R	2	0	2		IES	EASC E2F550	.IES
rype II	F2	Asymmetric Narrow	16200	144	F. L. R	3	0	3		IES	EASC F2F550	.IES
12	G2	Asymmetric Narrow	18000	156	F, L, R	3	0	3		.IES	EASC G2F550	.IES
	H2	Asymmetric Narrow	22300	199	F, L, R	3	0	3		.IES	EASC H2F550	.IES
l	J2	Asymmetric Narrow	26500	235	F, L, R	3	0	3		IES	EASC J2F550	.IES
	K2	Asymmetric Narrow	31900	283	F, L, R	3	0	4		IES	EASC K2F550	JES
	L2	Asymmetric Narrow	40000	395	F, L, R	4	0	4		IES	EASC_L2F750_	
$\vdash$	THE RESERVE AND ADDRESS OF THE PARTY OF THE											IES
	KA	Asymmetric 100° Wide Auto	35400	283	F, L, R	4	0	3		.IES	EASC_KAF550	IES
Ш	LA	Asymmetric 100° Wide Auto	46900	398	F, L, R	5	0	4	EASC_LAF740	IES	EASC_LAF750	IES

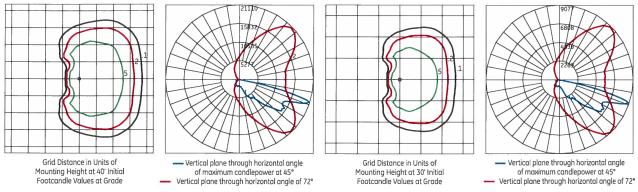
<sup>\*</sup>Rating values for B and G are based on rated lumens and may vary due to flux tolerances.

#### **Photometrics**

EASC Type V - Symmetric Medium (K5) 30,000 Lumens, 5000K (EASC\_K5N550\_\_.ies)

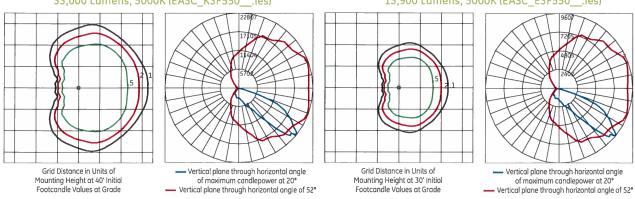
EASC Type V - Symmetric Short (U5) 33,000 Lumens, 5000K (EASC\_U5N550\_\_.ies)

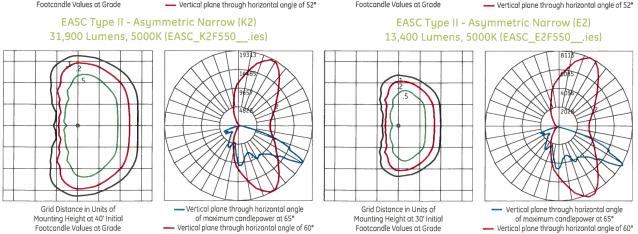




EASC Type III - Asymmetric Wide (K3) 33,000 Lumens, 5000K (EASC K3F550 .ies

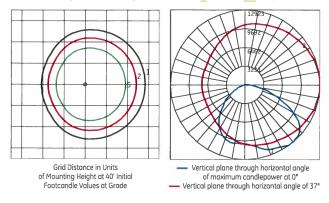
EASC Type III - Asymmetric Wide (E3) 13,900 Lumens, 5000K (EASC\_E3F550\_\_.ies



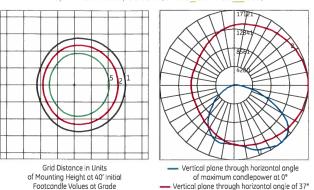


### **Photometrics**

EASC Type II - Assymetric Auto (KA) 35,400 Lumens, 5000K (EASC KAF550 .ies)



EASC Type II - Assymetric Auto (LA) 46,900 Lumens, 5000K (EASC\_LAF750\_\_.ies)

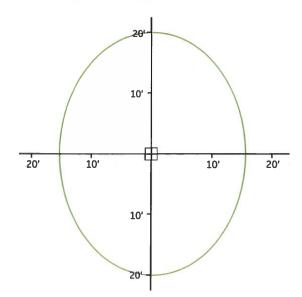


# **H-Motion Sensing Option:**

- Intended for high mounting applications, between 15-30ft (4.57-9.14m). For mounting heights exceeding 30ft, pole mounted sensors are recommended.
- Provides a coverage area radius for walking motion of 15-20ft (4.57-6.10m).
- Provides 270° of coverage (~90° is blocked by the pole).
- Comes standard with 50% dimmed light output with no occupancy, and full power at occupancy.
- Comes standard with photocell function. Note: It is not necessary to also purchase PE receptacle or control.
- Comes standard with a 5 minute occupancy time delay and a 5 minute ramp-down to the 50% dimmed level.
- Must order with decorative mounting arm options "A" or "B".
- Fixture power increase of 1W expected with sensor use.

Note: Standard options may be reprogrammed in the field. Reprogramming instructions included in product shipment.

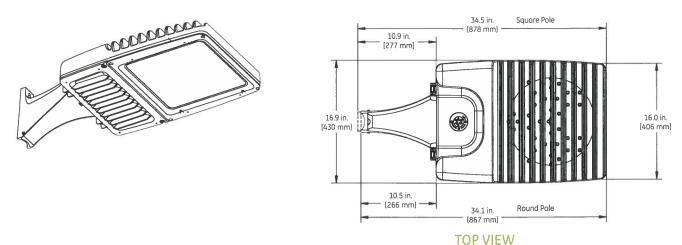
### Sensor Pattern:



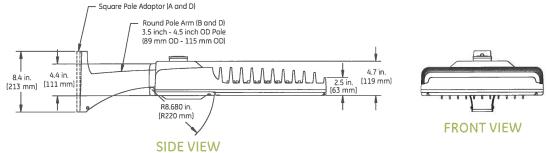
Sensing Pattern Area Fixture
Up to 30 ft.

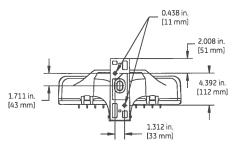
#### **Product Dimensions**

(Option A) 10" Arm for Square Pole Mount (Option B) 10" Arm for Round Pole Mount (Option D) 10" Arm for Square Pole Mount or Round Pole Mount Option D includes all mounting hardware in Option A and Option B



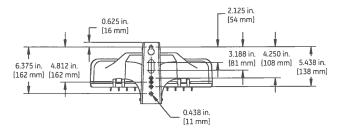
TOT VIEW





#### **BACK VIEW**

Option A and D Square Pole 3.5 inch - 4.5 inch Pole (89 mm - 115 mm)



#### **BACK VIEW**

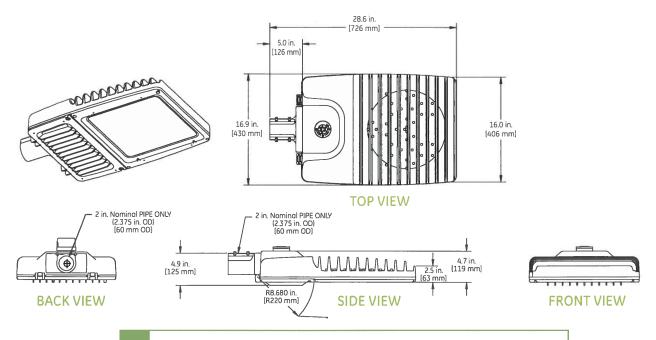
Option B and D Round Pole 3.5 inch - 4.5 inch OD Pole (89 mm OD - 115 mm OD)

ATAC

- Approximate net weight: 43-47 lbs (19.50 21.32 kgs)
   Contact manufacturer for specific configuration weight.
- Effective Projected Area (EPA) with 10" Mounting Arm: 0.97 sq ft max (0.09 sq m)

#### **Product Dimensions**

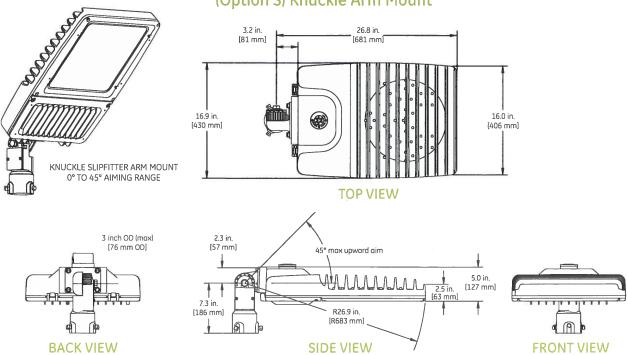
# (Option C) Slipfitter Arm Mount



DATA

- Approximate net weight: 41-45 lbs (18.60 20.41 kgs) Contact manufacturer for specific configuration weight.
- Effective Projected Area (EPA) with Slipfitter: 0.47 sq ft max (0.04 sq m)

## (Option S) Knuckle Arm Mount



- DATA
- Approximate net weight: 41-45 lbs (18.60 20.41 kgs)
   Contact manufacturer for specific configuration weight.
- Effective Projected Area (EPA) with fixture mounted at 45° upward: 1.97 sq ft max

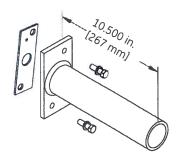
# **Mounting Information**

#### Mounting Arms for Slipfitter

Order separately with Mounting Option C (External Slipfitter)

#### **SQUARE POLE MOUNTING ARM**

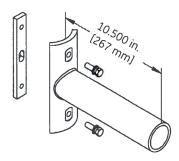
3.5 TO 4.5-inch (89 to 114mm) SQUARE (WILL ALLOW 4 FIXTURES PER POLE @ 90 DEGREES.)



ORDER SEPARATELY FROM FIXTURE AS CATALOG NUMBER SPA-EAMT10BLCK "Black" SPA-EAMT10DKBZ "Dark Bronze"

#### **ROUND POLE MOUNTING ARM**

3.5 TO 4.5-inch (89 to 114mm) OD (WILL ALLOW 4 FIXTURES PER POLE @ 90 DEGREES.)



ORDER SEPARATELY FROM FIXTURE AS CATALOG NUMBER RPA-EAMT10BLCK "Black" RPA-EAMT10DKBZ "Dark Bronze"

# Wall Mounting Bracket Adapter Plate

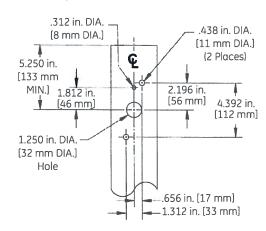
ORDER SEPERATELY FROM FIXTURE AS CATALOG NUMBER WMB-EAMT06

\*NOTE: For Wall Mounting, order luminaire with mounting arm: C = EXT Slip-fitter 2" Pipe (2.378 in. OD) supplied with leads.

Other mounting patterns are available for retrofit installations. Contact manufacturing for other available mounting patterns.

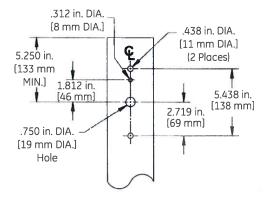
# Drilling Templates for Slipfitter Arms & Arm Mount

#### **SQUARE POLE MOUNTING**



#### **ROUND POLE MOUNTING**

3.5 TO 4.5-inch (89 to 114mm) OD round pole mounting arm





#### www.gelighting.com

GE and the GE Monogram are trademarks of the General Electric Company. All other trademarks are the property of their respective owners. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions. GE Lighting is a business of the General Electric Company. © 2017 GF

OLP3090 (Rev 03/29/17) Based on 03/24/16 Revision







#### **Product Features**

The GE Evolve™ LED Canopy Light family provides an energy-efficient and robust means for lighting areas with canopies, such as gas stations, truck stops and drive-thrus at banks, pharmacies and restaurants. Offering easy installation and maintenance, along with various lumen levels at both 4000K and 5000K color temperatures, this canopy light provides a great LED lighting solution for their outdoor space.

#### Housing

- Die -cast aluminum housing.
- Integral heat sink for maximum heat transfer.
- Meets 1.5G vibration standards per ANSI C136.31-2010.

#### **LED & Optical Assembly**

- Structured LED array for optimized area lighting photometric distributions.
- Evolve™ light engine consisting of reflective technology designed to optimize application efficiency and minimize glare.
- Utilizes high brightness LEDs, 70 CRI at 4000K and 5000K color temperature.
- LM-79 tests and reports are performed in accordance with IESNA standards.

#### Lumen Maintenance

- Projected L90>50,000 hours per IES TM-21.
- Projected Lxx per IES TM-21 at 25°C for reference:

	Lx		
OPTICAL CODE	25,000 hrs	50,000 hrs	100,000 hrs
T5	L96	L95	L91
A5	L96	L92	L86
B5	L95	L92	L85
C5	L94	L90	L82

**Notes:** 1. Projected Lxx based on LM80 (10,000 hour testing). 2. DOE Lighting Facts Verification Testing Tolerances apply to initial luminous flux and lumen maintenance measurements.

#### гипы

- Corrosion resistant polyester powder paint.
- Standard colors: White, Dark Bronze and Black.

#### **Flectrical**

- 120-277 volt and 347-480 volt (B5 and C5 optical only), 50/60Hz.
- System power factor is >90% and THD<20%.</li>
- Class "A" Sound rating.
- EMI: Title 47 CFR 15 Class A.
- Motion sensor and integral photo electric sensor available.
- Surge Protection Options: For 120-277VAC and 347-480VAC per IEEE/ANSI C136.2-2015.
  - 6kV/3kA "Basic" standard.
  - 10kV/5kA "Enhanced" R option.

#### Warranty

• Limited 5-Year Warranty for product launch standard.

#### Accessories

See page 5 for accessories

- 24" Escutcheon Plate
- 32" Escutcheon Plate
- Shoebox Mounting
- Pendant Mounting

#### **Ratings**

- **(N)**/• Listed, suitable for wet locations per UL 1598.
- IP66 rated optical enclosure per ANSI C136.25-2009.
- Temperature rated at -40°C to 50°C (C5 SKUs: -40°C to 40°C).
- Upward Light Output Ratio (ULOR) = 0.

This means full cut-off

 Compliant with the material restriction requirements of RoHS.

• DLC Listed.

Please refer to the DLC QPL website for the latest and most complete information. www.designlights.org/QPL

# **LED Area Lighting**

Canopy Light - ECBB



Project name \_\_\_\_\_\_

Date \_\_\_\_\_
Type \_\_\_\_\_

ECB

F

--

A

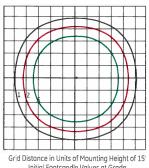
\_\_\_\_

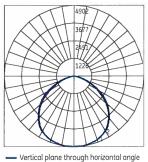
PRODUCT ID	PRODUCT GENERATIO		OLTAGE (	OPTIC <i>A</i> CODE			OLOR M MP	OTION SENSOR PE FUNCTION	MOUNTING	COLOR	OPTIONS
E = Evolve C = Canopy B = Housing	B = Photomet Series "B"	H =  * S  to	: 120 - 277 : 347-480V see below able for rovailable ptions		F= Flat	Lens 5 = Less or equal 525mA	DOOK 4000K ct CCT for proved * M M M 1 CC			WHTE = White BLCK = Black DKBZ = Dark Bronze Contact manufacturer for additional colors.	D = Dimmable (0-10 Voit Input) 002 = Non-Dimming with Junction Box D01 = Dimming with Junction Box R = 10kV/SkA Surge Protection M = NOM31 Dimming leads will be provided and terminated with quick- disconnect terminals.
PHO	TOMETRIC	OPTIO	CAL LEI	NS		AL INITIAL IMENS	. SYSTEM TAGE			IES FILE NUMBERS	

	PHOTOMETRIC TYPE	OPTICAL CODE	LENS TYPE		CAL INI LUMENS 4000K		WAT	SYSTEM TAGE 347-480V	3000К	IES FILE NUMBERS 4000K 5000K		
	Symmetric Wide	T5	Flat Lens	3450	3500	3550	29	NA	ECBB_T5F530120-277V.ies	ECBB_T5F540120-277V.ies	ECBB_T5F550120-277V.ies	
>	Symmetric Wide	A5	Flat Lens	4120	4170	4230	35	NA	ECBB_A5F530120-277V.ies	ECB8_A5F540120-277V.ies	ECBB_A5F550120-277V.ies	
TYPE	Symmetric Wide	B5	Flat Lens	7740	8010	8110	64	64	ECBB_B5F530ies	ECBB_B5F540ies	ECBB_B5F550ies	
	Symmetric Wide	C5	Flat Lens	13410	13410	13550	110	110	ECBB_C5F530ies	ECBB_C5F540ies	ECBB_C5F550ies	

# **Photometrics**

ECB Type V - Symmetric Wide - Flat Lens 13,510 Lumens, 5000K (ECBB\_C5D550.ies)





- istance in Units of Mounting Height of 15'

  Initial Footcandle Values at Grade

  Wertical plane through ho
  of maximum candlepa
  Horizontal cone through
  - of maximum candlepower at 60°

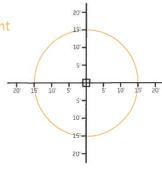
    Horizontal cone through vertical angle of maximum candlepower at 4°

# **Motion Sensing Option:**

- Intended for 8-25ft mounting heights.
- Provides a coverage area radius for walking motion of 15-20ft.
- Provides 360° of coverage.
- Factory pre-set 50% dimmed light output with no occupancy.
- May be reprogrammed using additional remote programmer. Remote Programmer part number: WS FSIR-100 PROGRAMMER (197634)
- Photoelectric control is integrated through the motion sensor, and is offered as standard.

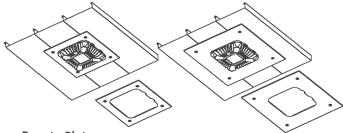
**Approximate Sensor Pattern:** 

Canopy Fixture 15 ft. Mounting Height



# **Evolve™ Canopy Light Accessories**

All accessory product ordered and shipped separate from the luminaire. Contact manufacturer for more information.



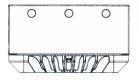
#### **Beauty Plates**

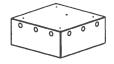
24" & 32" Escutcheon plates designed to cover unsightly canopy ceilings.

ECB

Ε

Product ID	Series	Detail	Color
E = Evolve C = Canopy B = Housing	<b>E</b> = Escutcheon Plate	1 = 24" x 24" Square 2 = 32" x 32" Square	WHTE = White BLCK = Black DKBZ = Dark Bronze RAL custom colors available. Contact Manufacturer.





#### **Box Mount**

16 gauge steel (0.060" thickness), 12 eletrical knockouts (EKOs) for flexibility in wire routing for installation.

E C B

Product ID	Series	Detail	Color
E = Evolve C = Canopy B = Housing	M = Square Mounting Box	3 = 3 Wire Leads 5 = 5 Wire Leads, with Dimming	WHTE = White BLCK = Black DKBZ = Dark Bronze RAL custom colors available. Contact Monufacturer

#### **Pendant Mount**

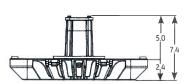
ECB

Product ID	Series	Detail	Color
E = Evolve C = Canopy B = Housing	<b>P</b> = Pendant Mount	1 = No Bird Shield 2 = Bird Shield	WHTE = White BLCK = Black DKBZ = Dark Bronze RAL custom colors available. Contact Monufacturer.

# **Product Dimensions**

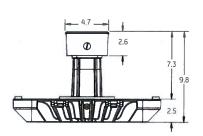
Evolve™ LED Canopy Light (ECBB)

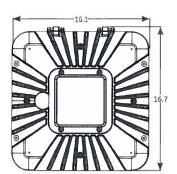
#### Standard Lens



• Approximate Net Weight: 20 lbs

#### With Optional Electrical Junction Box: 002, D01







All trademarks are the property of their respective owners. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions. Current, powered by GE is a business of the General Electric Company. © 2017 GE.



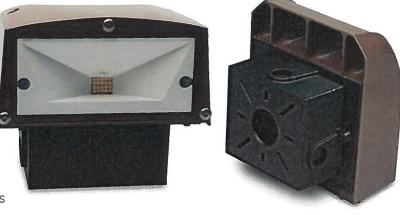






## LED L-Series Wall Pack **EWLS**

The Evolve LED L-Series Wall Pack, EWLS, is a designed replacement for 50W to 250W HID, while offering significant energy savings



in a long-life LED wall pack. The EWLS's 2-screw housing design enables a fast and simplified installation. The low-watt Egress package (13W) is designed to meet recommended illuminance requirements for egress applications such as side and rear exit doors in commercial buildings and can meet NFPA 101 life safety lighting requirements when used with external battery backup.

## Features:

- 1500 and 4000 lumen output
- High Brightness LEDs
- 70 CRI @ 3000K, 4000K, and 5000K typical
- L90 > 100,000 hours (1500lm), L90 > 60,000 hours (4000lm)
- Designed to replace 50W to 250W MH wallpacks
- Small Form Factor, <10 lbs</li>
- 0-10V Dimming
- Motion Sensor & Button Photo Electric Sensors available
- Impact resistant tempered glass lens
- Zero up-light construction, full cut-off
- International Dark-Sky Association (IDA) Approved for 3000K CCT

# **Applications:**

- Building entrances & perimeter lighting
- Side and rear exit doors
- Stairways and entry path
- Schools, Apartment Buildings, Hospitals
- Retail & Commercial Buildings
- Loading docks

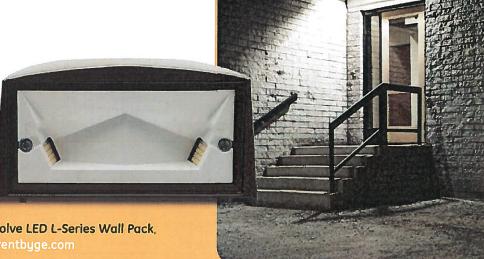












To learn more about GE Evolve LED L-Series Wall Pack, go to: http://products.currentbyge.com

# 



Proje	ct name		-
Date			
Туре			

# **Typical Specifications: EWLS**

### **LED & Optical**

- Lumen Packages: 1500 & 4000
  System Efficacy: Up to 125 lpw
- CCT: 3000K, 4000K, 5000K; High brightness LEDs.
- CRI: 70
- Upward Light Output Ratio (ULOR) = 0. This means full cut-off
- Custom engineered reflective optics for optimized photometry.
- · High application efficiency and minimal glare.

#### Electrical

- Input Voltage: 120-277 volt and 347 volt
- Input Frequency: 50/60Hz
- Power Factor (PF): >90%
- Total Harmonic Distortion (THD): <20%</li>
- Surge Protection: Integral surge protection

#### Ratings

- Operating Temperature: -40° to 50°C
- Storage Temperature: -40° to 50°C
- Location: Dry or Wet
- Safety: UL/cUL Listed. UL 1598 listed, suitable for wet locations. (%)/c(%)
- DLC Premium & Standard qualified models available.
   Please refer to <a href="http://www.designlights.org/QPL">http://www.designlights.org/QPL</a>
   for complete information.
- Environmental: Compliant with the materials restrictions of RoHS.
- LM-79 testing in accordance with IESNA Standards.
- Optical enclosure IP66 per ANSI C136.25-2009.

#### **Lumen Maintenance**

- Projected L90>100,000 hours per IES TM-21 for 15AF optical codes.
- Projected L90>60,000 hours per IES TM-21 for 40AF optical codes.
- Projected Lxx per IES TM-21 at 25°C for reference:

		Lxx (10k) @ Hours**					
Optical Codes							
15AF	L96	L95	L91				
io ligitaria	Lo	(10k) @ Hou	ırs**				
Optical Codes	25,000 hr	50,000 hr	100,000 hr				

Note: \*Projected Lxx based on LM80 (10,000 hour testing). DOE Lighting Facts Verification Testing Tolerances apply to initial luminous flux and lumen maintenance measurements.

#### **Construction & Finish**

- Housing:
  - Die-cast aluminum. Integrated heat sink for maximum heat transfer.
  - Patented aesthetic design to complement your building façade.
- Lens: Impact resistant tempered glass lens.
- Paint: Corrosion resistant polyester powder painted, minimum 2.0 mil. thickness.
  - Standard Colors: Dark Bronze, Black, White, Gray
  - RAL & custom colors available.
- Weight: 8.5lbs (4 kg)

#### Warranty

• System Warranty: 5 Year Standard, 10 Year Optional.

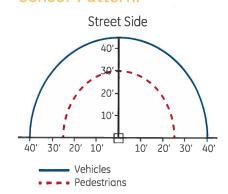
#### **Controls**

- Dimming: Wired Analog 0-10V Dimming.<sup>1</sup>
- Sensors:
  - Button Photo Electric sensor (PE) available 120-277V & 347V.
  - CA Title 24 Compliant Occupancy Sensor Option. 1

### Mounting

- Mounts to standard 3-1/2" to 4" round and octagonal, 4" square, single gang and masonry junction boxes.
  - Flush Mount: Mounts directly to customer supplied junction box.
  - Conduit Box Mount: Mounts to walls via separate mounting box with conduit knockouts

#### Sensor Pattern:



Sensing Pattern Wall Pack Fixture: 8-25 ft.

<sup>&</sup>lt;sup>1</sup> Available with Optic Code 40AF

# LED L-Series Wall Pack••



Project no	ame	
Date		
Туре		

\*Standard Option

+ = Motion Sensor not available at 1500lm

EWLS 01

7

PRODUCT	GENERATION	VOLTAGE	OPTICAL CODE	CRI	сст	DIMMING	CONTROLS	MOUNTING	COLOR	OPTIONS
E = Evolve W = Wallpack L = L-series S = Standard	01 = Generation	0 = 120-277V* 1 = 120* 2 = 208* 3 = 240* 4 = 277* D = 347* * Specify single voltage if Butto PE option select	Asymmetric Forward 40AF = 4000lm, Asymmetric Forward	<b>7</b> = 70 CRI*	30 = 3000K <sup>♦</sup> 40 = 4000K* 50 = 5000K ♦ Select 3000K CCT for IDA Approved units	N = Non-Dimming D = Dimming* Leads ‡ ‡ Dimming not available at 1500lm	1 = None* 3 = Button PE <sup>()</sup> <sup>()</sup> Must specify discrete voltage	FM = Flush Mount* CB = Conduit Box Mount** **Must be selected when ordering with Button PE, Motion Sensor, or 347V	DKBZ = Dark Bronze* BLCK = Black GRAY = Gray WHTE = White	H = Motion Sensor + ### = Special Options J = CUJ/Canada W = Non-Graphical White Box

## Claims Table:

OPTICAL CODE	DIST.	TYPIC SYSTEM V 120-277V	VATTS		ICAL INI LUMENS 4000K			CAL INI / 120-2: 4000K	77V		CAL INF PW 347 4000K			BUG ATING 4000K/5000K
15	AF	12	13	1,450	1,500	1,500	121	125	125	112	112	115	B1-U0-U0	B1-U0-U0
40	AF	37	38	3,880	4,000	4,000	105	108	108	102	105	105	B1-U0-U0	B1-U0-U0

ССТ	IES FILE NAME 120-277V	IES FILE NAME 347V			
3000K	EWLS01_15AF730120-277V.IES	EWLS01D15AF730347V.IES			
4000K	EWLS01_15AF740120-277V.IES	EWLS01D15AF740347V.IES			
5000K	EWLS01_15AF750120-277V.IES	EWLS01D15AF750347V.IES			
3000K	EWLS01_40AF730120-277V.IES	EWLS01D40AF730 -347V.IES			
4000K	EWLS01_40AF740120-277V.IES	EWLS01D40AF740 -347V.IES			
5000K	EWLS01_40AF750120-277V.IES	EWLS01D40AF750 -347V.IES			

# Conscission

	MODELS AVAILABLE THROUGH QUICKSHIP PROGRAM							
SKU#	CAT LOGIC	DESCRIPTION						
93056860	EWLS01015AF740N1FMDKBZ	1500lm, 4000K, Flush Mount						
93060201	EWLS01015AF750N1FMDKBZ	1500lm, 5000K, Flush Mount						
93059497	EWLS01040AF740N1FMDKBZ	4000lm, 4000K, Flush Mount						
93060200	EWLS01040AF750N1FMDKBZ	4000lm, 5000K, Flush Mount						
93060202	35-434281R01	Conduit Box Mount (QTY 1)						
93060203	35-966640-01	Conduit Box Mount (QTY 5)						

# **Accessories:**

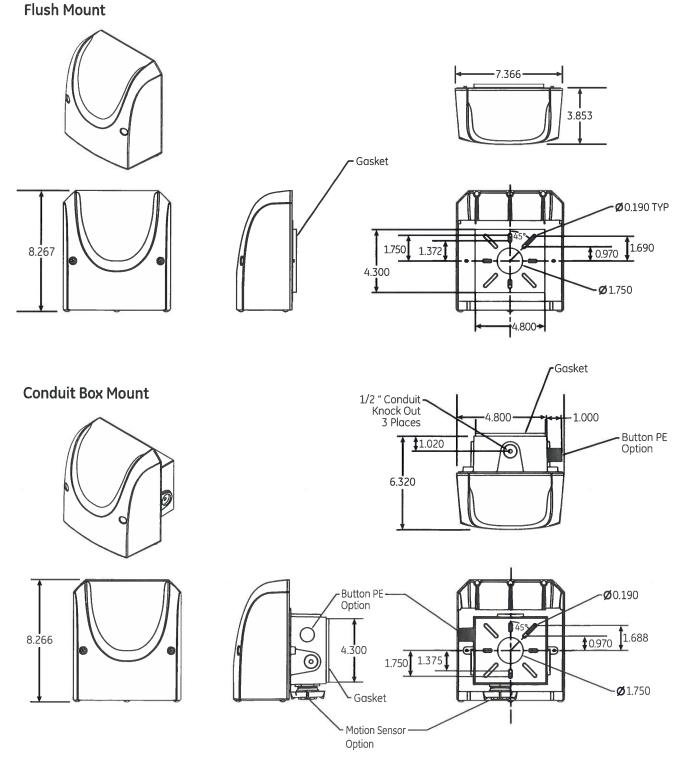
PROD	UCT ID	DETAIL		FINISH
E = Evolve W = Wallpack L = L-series S = Standard	A = Accessory	E = Escutcheon Plate	1 = 10" × 12" 2 = 12" × 16" 3 = 12" × 20"	DKBZ = Dark Bronze* BLCK = Black GRAY= Gray WHTE = White
				RAL customer colors available. Contact Manufacturer

# **Motion Sensing Option:**

- · Intended for 8-25 ft. mounting heights.
- Provides a coverage area radius for walking motion of 25-30 ft.
- Provides 180° of coverage (~180° is blocked by the wall).
- Factory preset to 50% dimming with no occupancy.
- May be reprogrammed using additional remote programmer.
  - Remote progammer part number: WS FSIR-100 PROGRAMMER (197634)
- Photoelectric control is integrated through the motion sensor, and is offered as standard.

LED L-Series Wall Pack

# **Product Dimensions:**

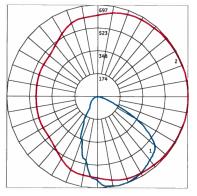


# LED L-Series Wall Pack

# **Photometrics:**

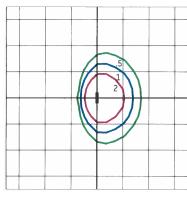
### 15AF: 1500 LUMEN, ASYMMETRIC FORWARD

EWLS01\_15AF750\_ -120-277V.ies

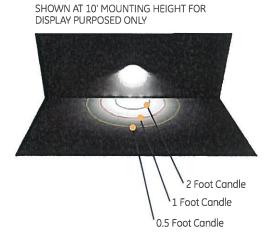


# 1 - Vertical plane through horizontal angle of maximum candlepower at 0°

# 2 - Vertical plane through horizontal angle of 14°

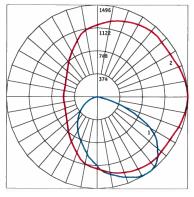


Grid Distance in Units of Mounting Height at 10' Initial Foot-candle Values at Grade.



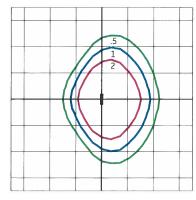
## 40AF: 4000 LUMEN, ASYMMETRIC FORWARD

EWLS01\_40AF750\_\_\_\_\_-120-277V.ies

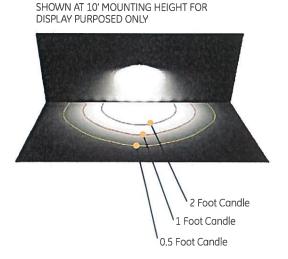


# 1 - Vertical plane through horizontal angle of maximum candlepower at 0°

#2 - Vertical plane through horizontal angle of 36°



Grid Distance in Units of Mounting Height at 10' Initial Foot-candle Values at Grade.



# LED L-Series Wall Pack

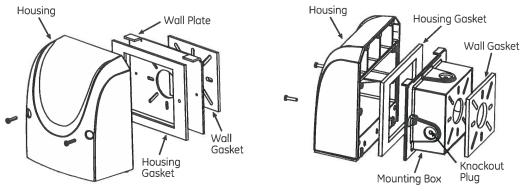


Figure 1: Wall Plate Install

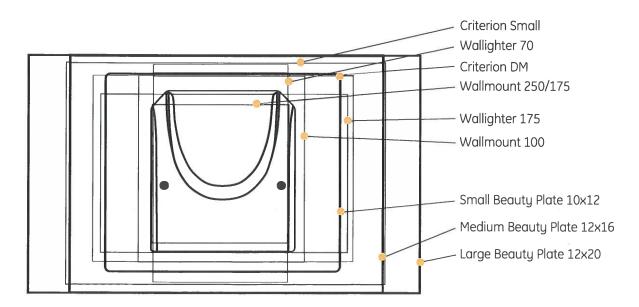
Figure 2: Mounting Box Install

Consult product Installation Instructions (GEH 6060) for detailed installation instructions.

# **Accessories:**

#### **Beauty Plates**

Cover the unsightly debris marks on your building façade with color matched wall pack beauty plates. Mounting hole patterns and dimensions are compatible with typical building surface fastening methods.

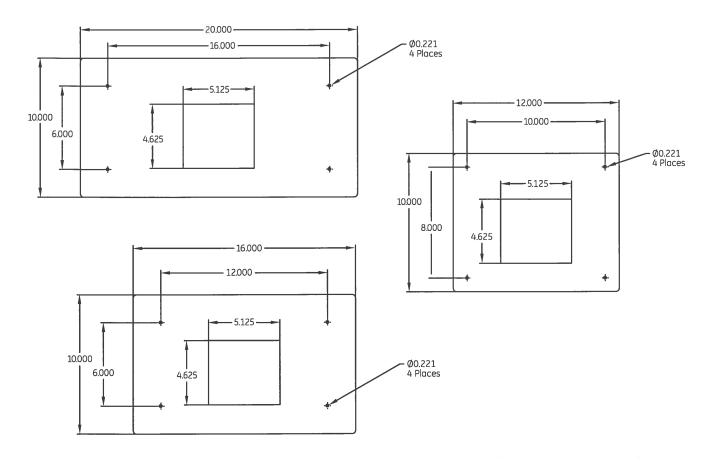


# LED L-Series Wall Pack **EWLS**

## **Accessories:**

### **Mounting Holes**

Mounting hole patterns and dimensions are compatible with typical building surface fastening methods.



#### Diffuser

Optional diffuser accessory utilizing ACRYLITE®, an acrylic sheet with an elegant texture which performs double duty with beauty and durability for any environment. This added texture diffuses surface reflections. Transmits 90% of the light through diffuser.



