

# Symphony Wall Mount Luminaire



## Key features

- Three unique designs to satisfy any application
- 3,811 to 8,621 Lumens
- Comfort optics provide reduced glare for enhanced user experience
- Includes **Quick Mount** mounting plate
- Up to 119,000 hours calculated lifetime
- Photocell, Occupancy Sensor, and 90-minute EM Backup options
- IP65-rated fixture
- Dimmable 0-10 V
- Zero uplight (U0) dark sky, neighbor friendly<sup>o</sup>

## Product Option Matrix

Example: SYM-WHM30U-840BKFT-D1PCSSEC

SYM-W	U-840			-D1			
Family	Body	Wattage	Finish	Distribution	Controls	Options	Emergency
SYM-W	WD Wedge	30 30 W	BK <sup>o</sup> Gloss Black	(blank) UDHM	(blank) None	(blank) 4 kV surge	(blank) None
	HM Half moon	50 50 W	BZ <sup>o</sup> Gloss Bronze	FT Forward throw (Type IV)	OC <sup>o</sup> Occupancy	SS 10 kV surge	EC 8 W, 90 min. <sup>†</sup>
	QS Qtr. sphere	72 72 W	SL <sup>o</sup> Gloss Silver	WT Wide throw (Type II)	PC Photocell <sup>o</sup>		
	UDHM <sup>o</sup> Up/down half moon	40 40 W	WT <sup>o</sup> Gloss White CC Custom				

- \* Photocell is suitable for Wedge and Half Moon versions only.
- † CA-Title 20 Certified.
- o Does not apply to Up/Down Half Moon.
- o UDHM model not DLC qualified.
- o Black (RAL-9004-BK), Bronze (RAL-8019-BZ), Silver (SH.WILL-HAF2-C0001-SL), White (RAL-9003-WT).
- o May be used with Remote Control RC100 if ordered separately.

## Product description

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Combining high-performance with a modern aesthetic, **Symphony Wall Mount Luminaire** features three unique designs, a variety of options and lumen packages, and comfort optics for bright, glare-free illumination.



## Quick Reference

Model	System power	Voltage	Current <sup>§</sup>	Lumens <sup>‡</sup>	Efficacy	BUG
W - Wedge	30 W	120	0.25	3,811	131 lm/W	1, 0, 1 (FT & WT)
		277	0.11			
	50 W	120	0.42	6,410	125 lm/W	2, 0, 1 (FT & WT)
		277	0.18			
	72 W	120	0.58	8,407	117 lm/W	2, 0, 1 (FT) 3, 0, 1 (WT)
		277	0.25			
HM - Half Moon QS - Quarter Sphere	30 W	120	0.25	3,811	131 lm/W	1, 0, 1 (FT) 1, 0, 1 (WT)
		277	0.11			
	50 W	120	0.42	6,410	125 lm/W	2, 0, 1 (FT & WT)
		277	0.18			
	72 W	120	0.58	8,621	120 lm/W	2, 0, 1 (FT) 3, 0, 1 (WT)
		277	0.25			
UDHM - Up/Down Half Moon	40 W	120	0.33	6,056	151 lm/W	1, 1, 1 (FT & WT)
		277	0.14			

Electrical	
Input voltage: 120-277 V	Power factor: >0.9
System Watts: 30 W, 50 W, 72 W	THD: <0.2
Operating temperature: -22° F to +122 F (-30° C to +50° C) <sup>¶</sup>	
Dimming: 0-10 V	Occupancy sensor: PIR
Photocell: Light sensitive	Surge protection: 4 kV, 10 kV (optional)

<sup>¶</sup> Tested L70 @ 25°. LED does not exceed maximum allowable junction temp. @ max. operating temp.

Mounting
Wall Mount: C/W Quick mount plate <sup>Δ</sup>

<sup>Δ</sup> Install in downward orientation only / orient UDHM as indicated.

Warranty	
10-year limited warranty standard	2-year Performance+ Turnkey Service Warranty <sup>□</sup>

- <sup>‡</sup> Based on 5000 K CCT in the Forward Throw (FT) distribution.
- <sup>§</sup> Input current +/-10% (A).
- <sup>□</sup> Performance+ Turnkey Service Warranty applies to U.S. & Canada installations ONLY.

# Symphony Wall Mount Luminaire



## Quick Reference

Construction	
Diecast aluminum housing	<b>Lens materials:</b> Comfort glass, low-glare
IP65	
<b>Weight:</b> 14.12 lbs (6.4 kg)	<b>Finishes:</b> Gloss Black*, Gloss Bronze*, Custom, Gloss Silver*, Gloss White*
UV stabilized powder coat	

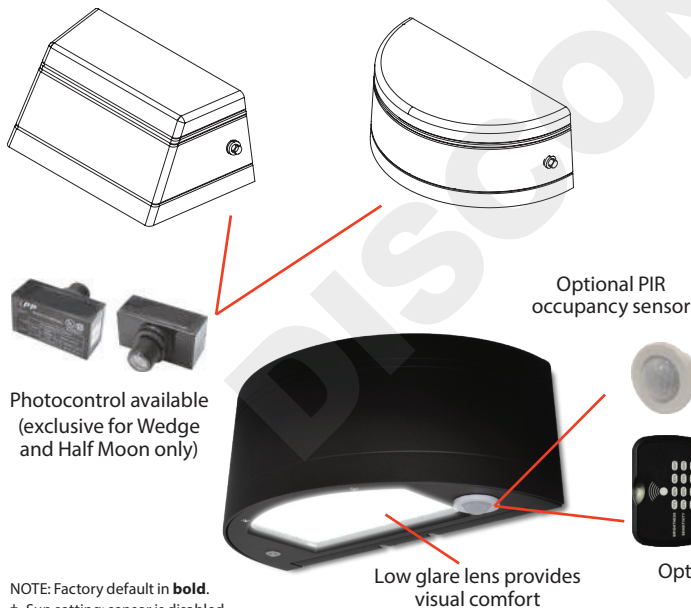
Performance	
<b>CCT:</b> 4000 K	<b>Distribution:</b> Forward throw, Wide throw, Down light / Up light <sup>o</sup>
<b>CRI:</b> >80	
<b>Power factor:</b> >=0.9	<b>Life rating:</b> >54,000 hours reported, <119,000 hours calculated per TM21-11
<b>Down / up light:</b> 50/50 <sup>o</sup>	

<sup>o</sup> UDHM only.


Documentation	
DLC 5.1 <sup>†</sup>	UL & cULus for wet locations
Driver is FCC Listed	LM79 and LM80 available
RoHS	IES files available

<sup>†</sup> UDHM model not DLC qualified.

## Sensor detection and settings



NOTE: Factory default in **bold**.  
<sup>‡</sup> Sun setting; sensor is disabled.

Sensitivity	Hold time	Threshold	Standby dim level	Standby time
20%	10 seconds	10 Lux	0%	1 minute
50%	1 minute	<b>30 Lux</b>	10%	30 minutes
75%	5 minutes	50 Lux	<b>30%</b>	<b>60 minutes</b>
<b>100%</b>	<b>15 minutes</b>	 <sup>‡</sup>	50%	∞

## Product Accessory

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### Handheld remote programmer




















#### RC100<sup>¶</sup>

Range: 33 ft (10 m) indoor.

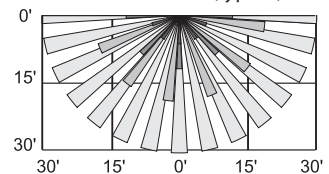
<sup>¶</sup> PIR Occupancy Sensor must be selected to order the remote.

### Remote control features

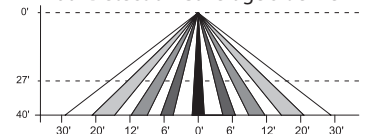
					
ON/OFF control	Detection area	Hold time	Daylight threshold	Standby period	Standby dimming level

	Permanent ON or OFF mode		Display current settings
	SEND selected settings		Back to previous settings
			In test mode, hold-time is 2 seconds and stand-by time and daylight sensor are disabled
	Enter adjustable control settings and navigate UP and DOWN		Confirm settings
	Navigate Left and Right		Light turns OFF, even when space is occupied, when light level exceeds this setting. Light turns ON even without motion detection when light level goes below setting. This feature is disabled by default.
	Latest surrounding lux value overwrites previous lux value		
	Save new settings as Mode 1, Mode 2, or Mode 3		

180° Detection Plan View Vertical Surface (typical)



180° Detection Coverage Side View



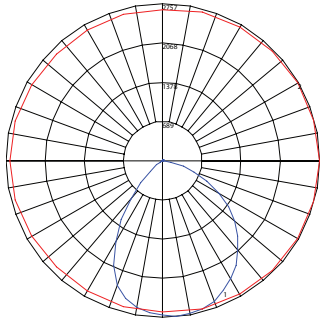
- Max install 40' (12 m) H AFG
- PIR detection radius 26' (8 m) at max. install height 40' (12 m)
- 0-10 V dimming
- Remote control option
- Hold time and standby
- Daylight threshold

# Symphony Wall Mount Luminaire



## Photometrics

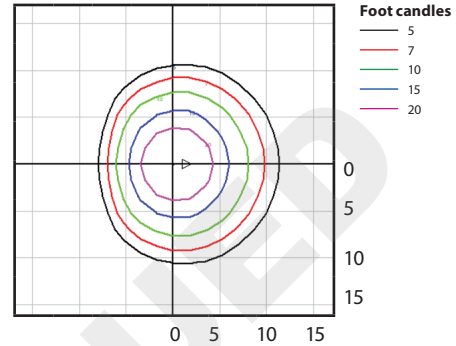
SYM-WWD50U-850BKWT-D1



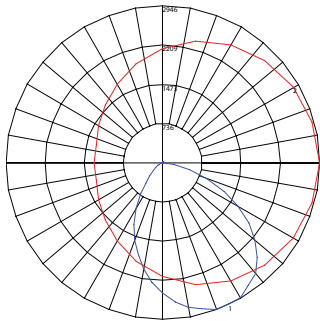
### Characteristics

IES Classification	Type II
Longitudinal Classification	Very short
Luminaire lumens	5962
Luminaire efficacy rating (LER)	112
Total luminaire watts	53.41

Calculated at 10 ft AFG & 5 ft OC.



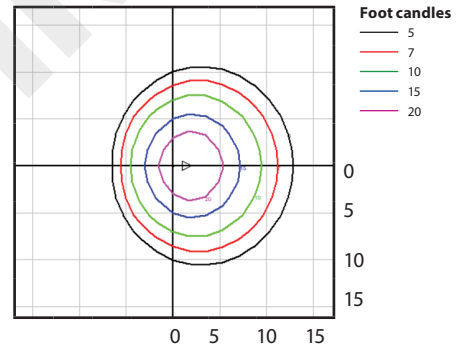
SYM-WWD50U-850BKFT-D1



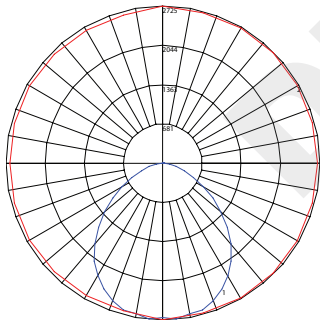
### Characteristics

IES Classification	Type IV
Longitudinal Classification	Very short
Luminaire lumens	5972
Luminaire efficacy rating (LER)	112
Total luminaire watts	53.21

Calculated at 10 ft AFG & 5 ft OC.



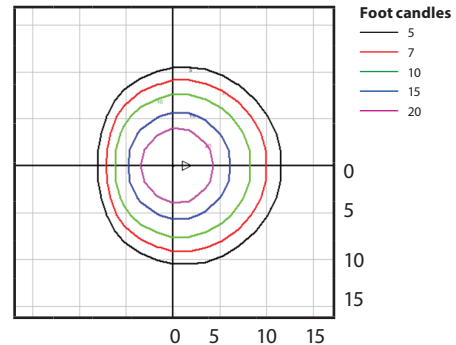
SYM-WQS50U-850BKWT-D1



### Characteristics

IES Classification	Type II
Longitudinal Classification	Very short
Luminaire lumens	6020
Luminaire efficacy rating (LER)	111
Total luminaire watts	54.2

Calculated at 10 ft AFG & 5 ft OC.

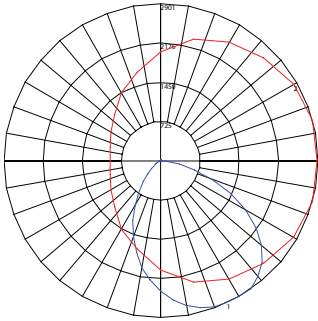


# Symphony Wall Mount Luminaire



## Photometrics

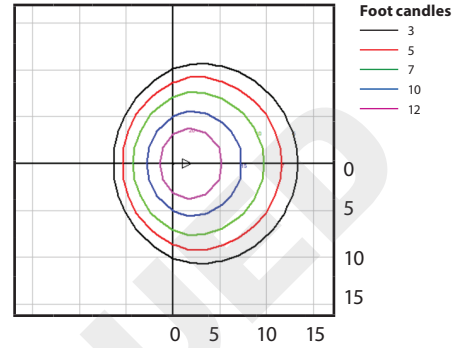
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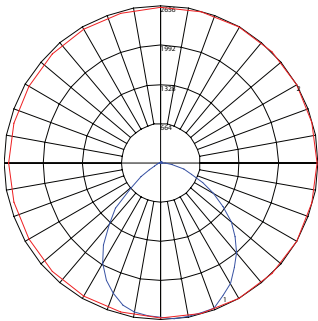
### Characteristics

IES Classification	Type IV
Longitudinal Classification	Very short
Luminaire lumens	6112
Luminaire efficacy rating (LER)	113
Total luminaire watts	53.86

Calculated at 10 ft AFG & 5 ft OC.



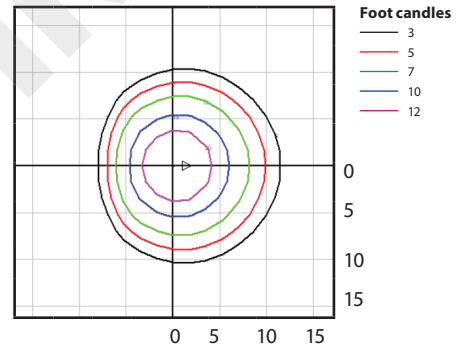
SYM-WHM50U-850BKWT-D1



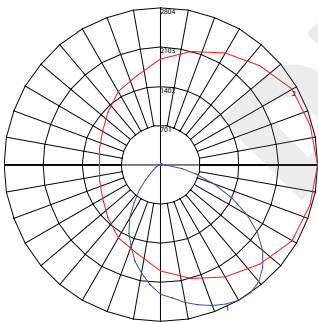
### Characteristics

IES Classification	Type II
Longitudinal Classification	Very short
Luminaire lumens	5876
Luminaire efficacy rating (LER)	109
Total luminaire watts	53.78

Calculated at 10 ft AFG & 5 ft OC.



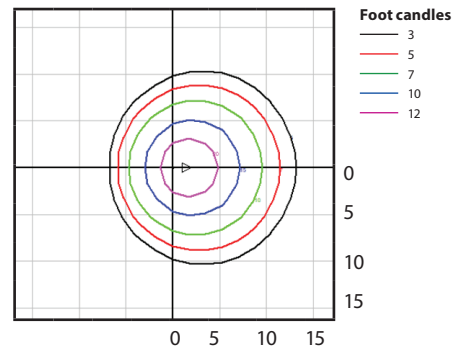
SYM-WHM50U-850BKFT-D1



### Characteristics

IES Classification	Type IV
Longitudinal Classification	Very short
Luminaire lumens	5948
Luminaire efficacy rating (LER)	111
Total luminaire watts	53.49

Calculated at 10 ft AFG & 5 ft OC.

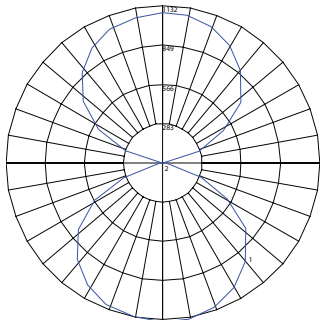


# Symphony Wall Mount Luminaire



## Photometrics

SYM-WUDHM50U-850BK-D1\*

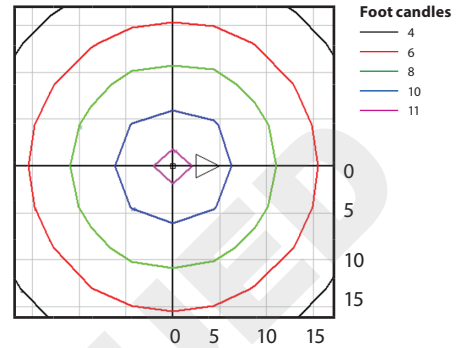


### Characteristics

IES Classification	Type VS
Longitudinal Classification	Very short
Luminaire lumens	6345
Luminaire efficacy rating (LER)	157
Total luminaire watts	40

Calculated at 10 ft AFG & 2 ft OC.

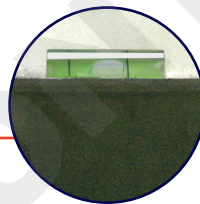
\* Reports provided without comfort lens.



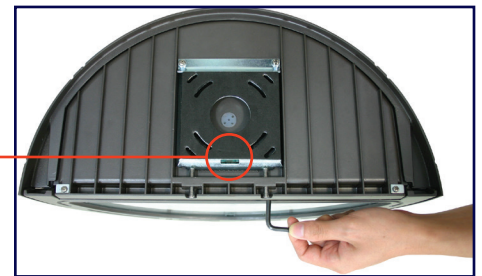
## Mounting



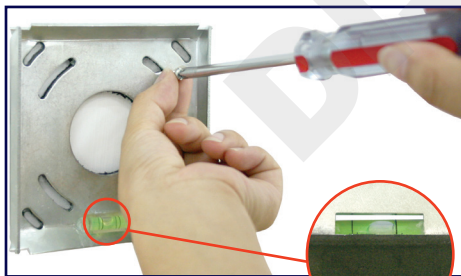
Uninstall mounting bracket from fixture base plate by unscrewing two (2) hex socket fasteners.



Level bubble



Remove mounting bracket.



Level bracket to intended altitude. Install the bracket on the wall.

Level bubble



Lift fixture up and tilt slightly toward wall mounted bracket as shown above. Hook fixture base plate with mounting bracket.



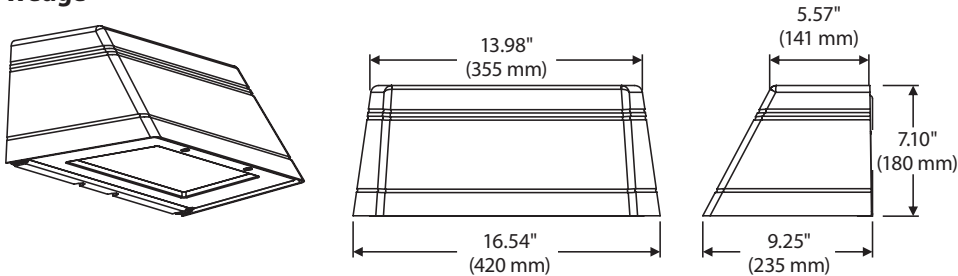
Fasten the fixture tightly to the bracket.

# Symphony Wall Mount Luminaire

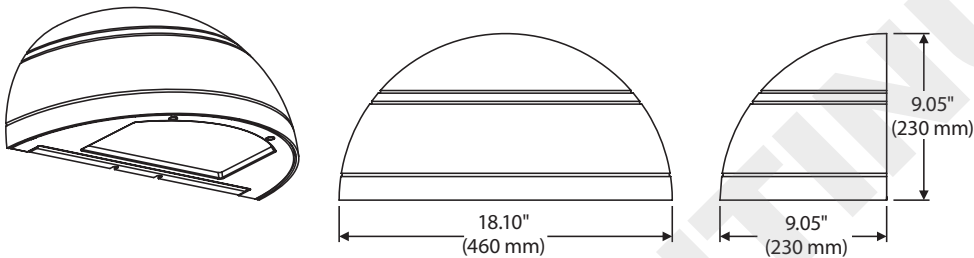


## Dimensions & Weight

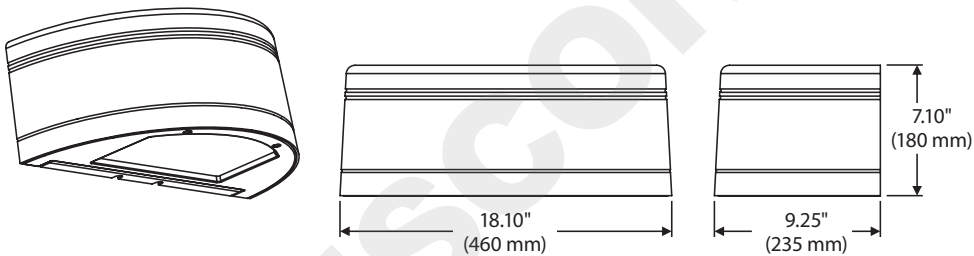
### Wedge



### Quarter Sphere



### Half Moon & Up/Down Half Moon



Model	Dimensions (L x W x H)	Weight
<b>WD</b> (Wedge)	16.54" x 9.25" x 7.10" (420 x 235 x 180 mm)	14.12 lbs. (6.4 kg)
<b>QS</b> (Quarter Sphere)	18.10" x 9.05" x 9.05" (460 x 230 x 230 mm)	
<b>HM</b> (Half Moon)	18.10" x 9.25" x 7.10" (460 x 235 x 180 mm)	
<b>UDHM</b> (Up/Down Half Moon)	18.10" x 9.25" x 7.10" (460 x 235 x 180 mm)	

## Emergency Battery Backup

- 90-minute run time
- CSA C22.2 No. 141, UL924
- Internal battery with test button
- 8 W<sup>§</sup>
- Ambient operating temperature: 32° F to 104° F (0° C to 40° C)
- Title 20 Certified

§ Emergency lumens for 30 W = 240 L, 40 W = 320 L, 50 W = 400 L, 72 W = 576 L



Optional 8 W EM battery backup with metal test button



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