



Decorative Aluminum Pole Mount Motion Sensor Arm

Made in USA - Delaware

LL-DE-DA-PMMSA

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LL-DE-DA-PMMSA motion sensor arm is welded to a mounting plate or a clamp-on collar. All welding is per ANSI/AWS D1.2-90. All welders are certified per ANSI/AWS D1.2-90 Section 5.



PRODUCT INFORMATION	
<p>Materials</p> <p>The clamp-ons are copper-free cast aluminum produced from certified ASTM ingot. All hardware is stainless steel.</p>	<p>Installation</p> <p>Motion sensor arms fit a 4" or 5" straight pole and are secured with 1/4 x 20 screws. For tapered pole motion sensor arm contact the factory (must specify mounting height on pole).</p>
<p>Finish</p> <p>Standard Finishes: Black, High Gloss Black, Textured Black, White, High Gloss White, Dark Bronze, Bronze, Dark Green, Green, Gray, Silver Metallic</p> <p>Premium Finishes: Verde Patina, Pewter Patina, Silver Sparkle, Semi-Gloss or Matte Black</p> <p>Custom & Marine-Grade Finishes Available All RAL Colors Available</p>	<p>Motion Sensor Arm</p> <p>BO-4 Bolt-on Round 4" BO-5 Bolt-on Round 5" CO-4-S Clamp-on Round 4" Smooth CO-4-F Clamp-on Round 4" Fluted CO-5-S Clamp-on Round 5" Smooth CO-5-F Clamp-on Round 5" Fluted SBO-S Bolt-On Square Pole</p>



Bolt-on Round Pole



Bolt-on Square Pole



Clamp-on Round Pole

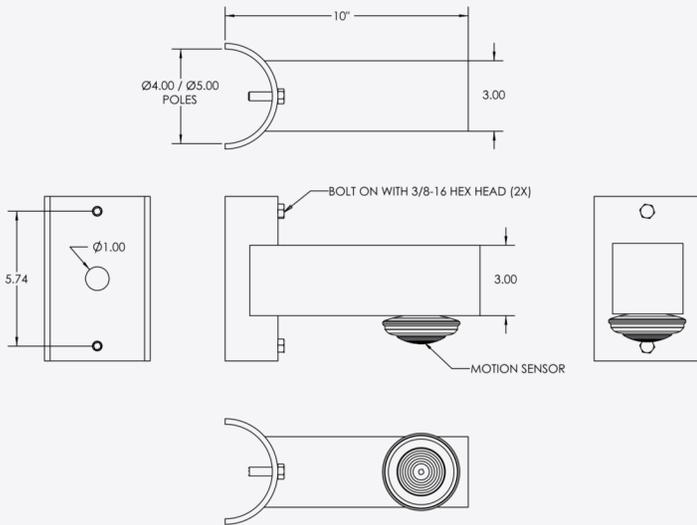


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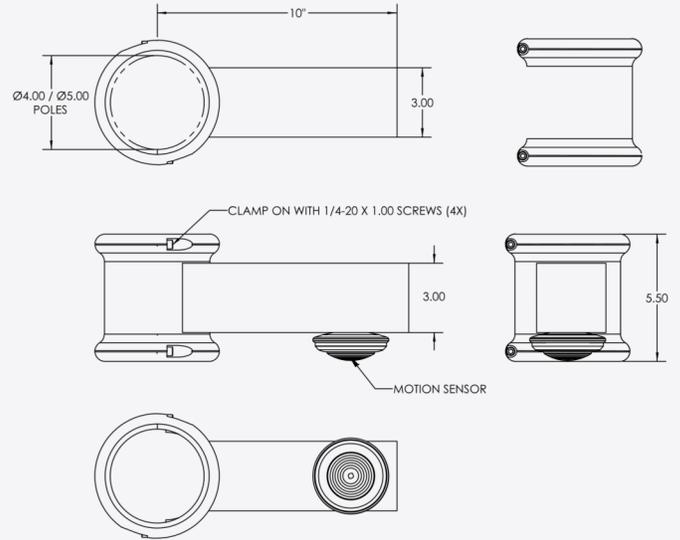
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DIMENSIONS

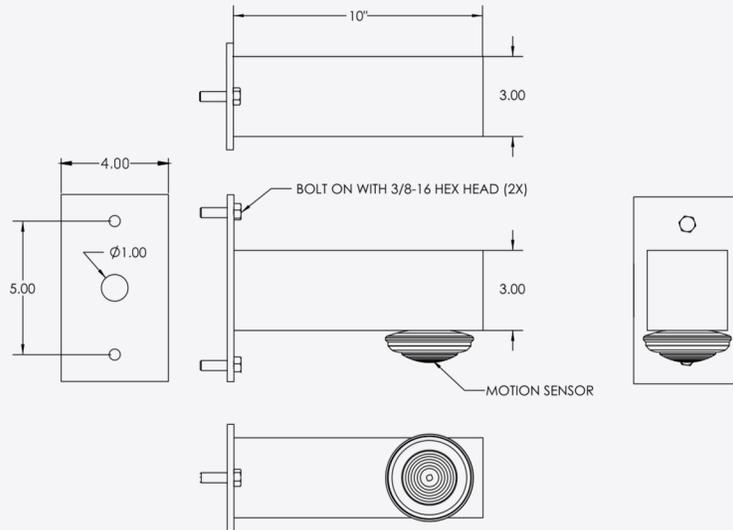
Bolt-on Round Pole



Clamp-on Round Pole



Bolt-on Square Pole



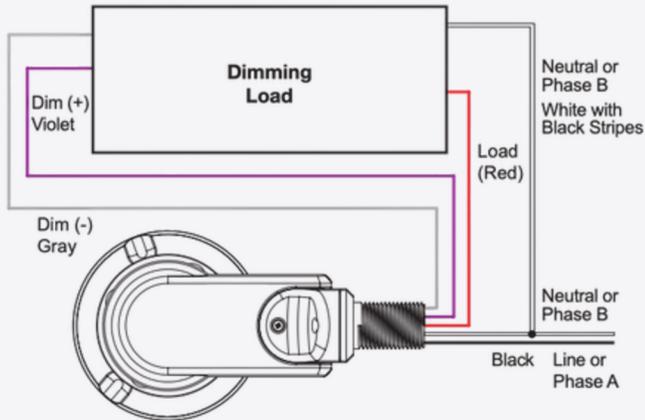


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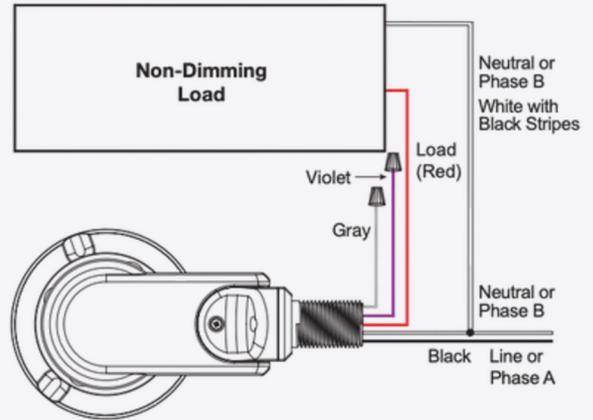
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WIRING DIAGRAMS - LINE VOLTAGE FSP-221B SENSORS

FSP-221-B Wiring with Dimming Ballast or LED Driver



FSP-221-B Wiring with Non-Dimming Load



SEQUENCE OF OPERATION

<p>Dimming</p>	<p>When motion is detected within the sensor’s coverage area, the sensor sends a signal to ramp the load up to the selectable High Mode level unless the ambient light level is higher than the selected setpoint. When no motion is detected for the duration of the time delay setting (factory preset at 5 minutes), the lights will go to the selectable Low Mode level based on the signal from the sensor. If desired, a cut off time delay (factory preset at 1 hour) will trigger to eventually turn the lights OFF.</p>
<p>Non-Dimming</p>	<p>When motion is detected within the sensor’s coverage area, the sensor sends a signal to turn the load ON unless the ambient light level is higher than the selected setpoint. When no motion is detected for the duration of the time delay setting (factory preset at 5 minutes), the lights will go OFF based on the signal from the sensor.</p>
<p>Dusk to Dawn Control</p>	<p>When photocell on/off is enabled, and the ambient light falls below the photocell setpoint, the sensor ramps the load up to the selectable High Mode level. If no motion is detected for the duration of the time delay setting (factory preset at 5 minutes), the lights will go to the selectable Low Mode level. If the cut off time delay is disabled, the load will remain on, at High or Low level, based on motion detection, until the ambient light increases above the photocell setpoint.</p>



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DIMENSIONS OF LENS OPTIONS

FSP-L2	FSP-L3	FSP-L7

FSP-L2-S, FSP-L3-S, FSP-L7-S Dimensions: The FSP-Lx-S models include a shroud which blocks high-angle light coming from the fixture to improve photocell performance. With the shroud attached, the dimensions for all three lenses are identical.

FSP-L2-S and FSP-L3-S	FSP-L7-S

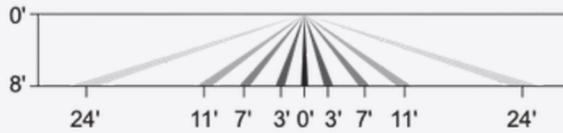
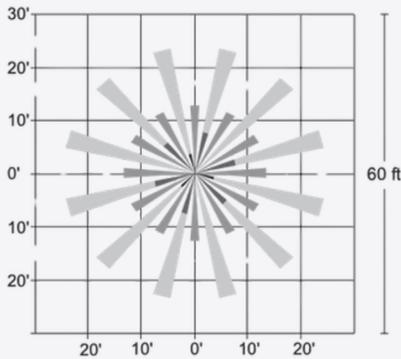


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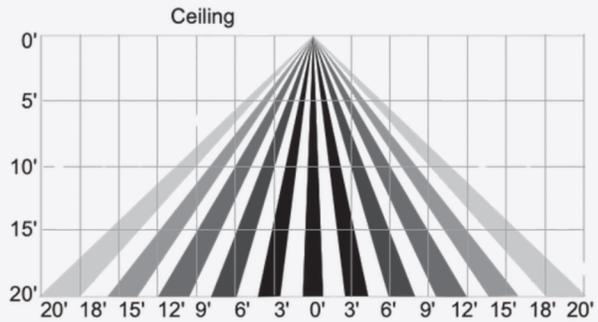
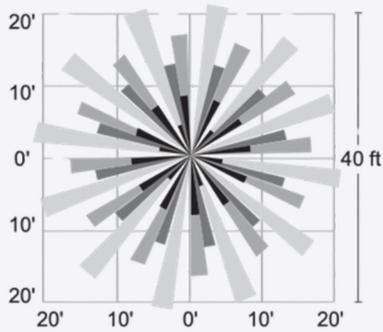
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COVERAGE

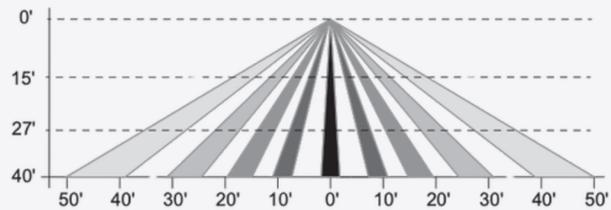
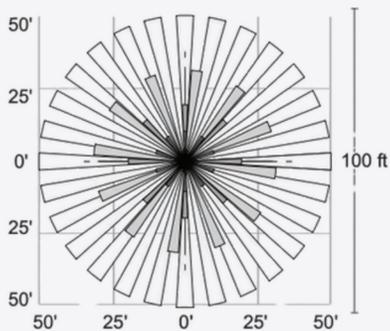
FSP-L2 Top and Side Coverage Patterns



FSP-L3 Top and Side Coverage Patterns



FSP-L7 Top and Side Coverage Patterns





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PROJECT NAME	
CATALOG #	
JOB TYPE	
PREPARED BY	
NOTES	

ORDERING GUIDE

Brand	Location	Type	Model	# of Arms
LL LITELUME	DE Delaware	DA Decorative Aluminum	PMMSA Pole Mount Motion Sensor Arm	SG Single
Arm Mount	Pole Size	Pole Style	Finish	
BO Bolt-on Round Pole* CO Clamp-on Round Pole* SBO Bolt-On Square Pole <i>* For Round Poles Only</i>	4 4" Round Pole* 5 5" Round Pole* S Square Pole <i>* For Round Poles Only</i>	S Smooth* F Fluted* <i>* For Round Poles Only</i>	POWDER COAT COLORS BK - Black Powder Coat WH - White Powder Coat DBZ - Dark Bronze Powder Coat DGR - Dark Green Powder Coat GY - Gray Powder Coat CUS - Custom Color* <i>* Provide RAL # or Sample Color Chip</i>	

Motion Sensor Options

- FSP-221B** Wattstopper PIR Sensor Extended Voltage (100-347v, 208v, 230v, 480v) **
- FSIR-100** Remote Handheld Configuration Tool
- FSP-L2** 360° lens, maximum coverage 48' diameter from 8' height, white finish
- FSP-L2-B** 360° lens, maximum coverage 48' diameter from 8' height, black finish
- FSP-L2-BR** 360° lens, maximum coverage 48' diameter from 8' height, brown finish
- FSP-L2-G** 360° lens, maximum coverage 48' diameter from 8' height, gray finish
- FSP-L2-S** 360° lens, maximum coverage 48' diameter from 8' height, with shroud; Minimizes high-angle light contribution to photocell, white finish
- FSP-L3** 360° lens, maximum coverage 40' diameter from 20' height, white finish
- FSP-L3-B** 360° lens, maximum coverage 40' diameter from 20' height, black finish
- FSP-L3-BR** 360° lens, maximum coverage 40' diameter from 20' height, brown finish
- FSP-L3-G** 360° lens, maximum coverage 40' diameter from 20' height, gray finish
- FSP-L3-S** 360° lens, maximum coverage 40' diameter from 20' height, with shroud; Minimizes high-angle light contribution to photocell, white finish
- FSP-L7** 360° lens, maximum coverage 100' diameter from 40' height, white finish
- FSP-L7-B** 360° lens, maximum coverage 100' diameter from 40' height, black finish
- FSP-L7-BR** 360° lens, maximum coverage 100' diameter from 40' height, brown finish
- FSP-L7-G** 360° lens, maximum coverage 100' diameter from 40' height, gray finish
- FSP-L7-S** 360° lens, maximum coverage 100' diameter from 40' height, with shroud; Minimizes high-angle light contribution to photocell, white finish

** Must Select Coverage Lens