

### ARMOR SERIES / AC MINI EXTERIOR LINEAR FIXTURE

AC Mini Linear fixtures feature an onboard driver. Available in 6 static white CCTs ranging from 2700K to 6000K, the AC Mini offers 5 optic beam angles and comes in 5 different lengths. You can daisy chain AC Mini fixtures for up to 112 feet at 120 VAC. This addition to the Armor Series exterior product line is a fantastic solution for wall washing and grazing to create dramatic façade lighting. No remote drivers necessary!

#### GEL-FLUSH™ TECHNOLOGY

The Armor Series AC Mini Linear fixture is manufactured with our Gel-Flush™ Technology. Developed with a special sealant from Dow Corning, this proprietary innovation prevents any breach from weather-related elements. No leaking. No condensation. Just clear, unobstructed beams of light.



#### Applications:

Commercial      Museums  
 Entertainment      Public Spaces

### ORDERING GUIDE

Category	CRI	Input Voltage	Length	Color Temperature	FWHM Beam Angle
<b>MINI</b>	<b>80</b>	<b>AC</b>			
<b>MINI - Armor MINI</b>	<b>80 - 80+ CRI</b>	<b>AC - AC 120-277 V</b>	<b>12</b> - 12.3 in. (313 mm) 9 W <b>16</b> - 16.1 in. (410 mm) 12 W <b>24</b> - 23.8 in. (605 mm) 18 W <b>36</b> - 35.4 in. (900 mm) 27 W <b>47</b> - 46.9 in. (1190 mm) 36 W	<b>27</b> - 2700K <b>30</b> - 3000K <b>35</b> - 3500K <b>40</b> - 4000K <b>50</b> - 5000K <b>60</b> - 6000K	<b>10x60</b> - 10°x60° <b>10</b> - 10°x10° <b>20</b> - 20°x20° <b>25</b> - 25°x25° <b>50</b> - 50°x50°

OPTIONAL ACCESSORIES (See pages 3-5 for more information):

**1.) Armor Series Mounting Arms:**

Small: ARMORMNT0609  
 Large: ARMORMNT1422

**3.) Asymmetric Louver:**

MINIALOUV313 (313 mm)  
 MINIALOUV410 (410 mm)  
 MINIALOUV605 (605 mm)  
 MINIALOUV900 (900 mm)  
 MINIALOUV1190 (1190 mm)

**5.) 6 Pin Male to Female Jumper Cable:**

MINIJUMP6PINMK1000 (1000 mm)  
 MINIJUMP6PINMK2000 (2000 mm)

**7.) T-Connector (Fixture Chain Splitter):**

MINICBLTJOINT6PIN

**2.) Symmetric Louver:**

MINILOUV313 (313 mm)  
 MINILOUV410 (410 mm)  
 MINILOUV605 (605 mm)  
 MINILOUV900 (900 mm)  
 MINILOUV1190 (1190 mm)

**4.) Glare Shield:**

MINISHLD313 (313 mm)  
 MINISHLD410 (410 mm)  
 MINISHLD605 (605 mm)  
 MINISHLD900 (900 mm)  
 MINISHLD1190 (1190 mm)

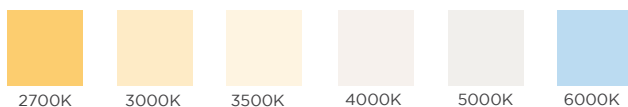
**6.) 6 Pin Cable with Female Connector to Bare Wire (Power):**

MINICBLFB6PIN2000 (2000 mm)  
 MINICBLFB6PIN6000 (6000 mm)

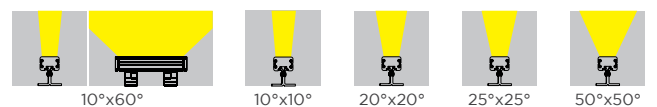
**8.) End Cap:**

MINIAC-CAPSW

#### AVAILABLE COLOR TEMPERATURES



#### AVAILABLE BEAM ANGLES



**SPECIFICATIONS**

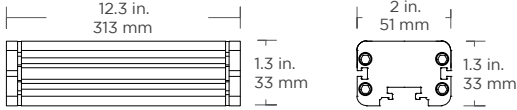
<b>Operating Voltage</b>	120-277 V AC																								
<b>Length</b>	12.3 in. / 313 mm				16.1 in. / 410 mm				23.8 in. / 605 mm				35.4 in. / 900 mm				46.9 in. / 1190 mm								
<b>Power Consumption</b>	9 W				12 W				18 W				27 W				36 W								
<b>Amperage</b>	0.08 A @ 120V 0.04 A @ 230V 0.04 A @ 277V				0.11 A @ 120V 0.06 A @ 230V 0.05 A @ 277V				0.17 A @ 120V 0.09 A @ 230V 0.07 A @ 277V				0.25 A @ 120V 0.13 A @ 230V 0.11 A @ 277V				0.33 A @ 120V 0.17 A @ 230V 0.14 A @ 277V								
<b>LEDs per Fixture</b>	9 LEDs				12 LEDs				18 LEDs				27 LEDs				36 LEDs								
<b>Color Temperature</b>	2700K, 3000K, 3500K, 4000K, 5000K, 6000K																								
<b>LED Beam Angle</b>	10° x 10°	20° x 20°	25° x 25°	50° x 50°	10° x 60°	10° x 10°	20° x 20°	25° x 25°	50° x 50°	10° x 60°	10° x 10°	20° x 20°	25° x 25°	50° x 50°	10° x 60°	10° x 10°	20° x 20°	25° x 25°	50° x 50°	10° x 60°	10° x 10°	20° x 20°	25° x 25°	50° x 50°	10° x 60°
<b>Lumen Output / Foot</b>	1023	1035	969	795	1290	1023	1035	969	795	1290	1023	1035	969	795	1290	1023	1035	969	795	1290	1023	1035	969	795	1290
<b>Total Lumens</b>	1023	1035	969	795	1290	1329	1345	1260	1034	1526	2046	2070	1939	1591	1985	3069	3105	2907	2385	2977	4092	4140	2520	2068	3970
<b>Max. Run Length</b>	90 fixtures @ 120 VAC 127 fixtures @ 220-240 VAC 145 fixtures @ 277 VAC				68 fixtures @ 120 VAC 96 fixtures @ 220-240 VAC 111 fixtures @ 277 VAC				51 fixtures @ 120 VAC 72 fixtures @ 220-240 VAC 82 fixtures @ 277 VAC				37 fixtures @ 120 VAC 52 fixtures @ 220-240 VAC 59 fixtures @ 277 VAC				28 fixtures @ 120 VAC 40 fixtures @ 220-240 VAC 45 fixtures @ 277 VAC								
<b>Control System</b>	0-10 V																								
<b>CRI</b>	80+ CRI																								
<b>LED Binning (SDCM)</b>	3-step (80 CRI)																								
<b>Binning Tolerance</b>	+/- 100K																								
<b>Ambient Temperature</b>	-40° F to 122° F (-40° C to 50° C)																								
<b>Housing / Lens Materials</b>	Housing: Extruded Aluminium / Lens: Clear UV Protected PMMA Cover: Tempered Glass End Caps: Extruded Aluminium / Brackets: Extruded Aluminium Housing, bracket, end cap material - 6063 high density aluminum alloy																								
<b>Connector</b>	6 Pin Combined Power and Dimming. 16 AWG Power / 22 AWG Dimming																								
<b>Cable Length</b>	11.81 in. / 300 mm																								
<b>Protection Rating</b>	IP67																								
<b>Impact Rating</b>	IK08																								
<b>Mounting Options</b>	Large Tilttable Stand (180° adjustable), Mounting Arms (available in 2 different sizes)																								
<b>Lamp Life</b>	50,000 hours																								
<b>Certifications</b>	Luminaires - UL 1598, 3rd Ed., issued September 17, 2008, Rev. October 17, 2012 / Luminaires - CSA C22.2 No.250.0-08, 3rd Ed., issued September 17, 2008, Rev. October 17, 2012 (R2013)																								
<b>Fixture Color Finish</b>	Anodized Silver																								

\* ALL LUMEN DATA IS FROM 3000K 80 CRI FIXTURES

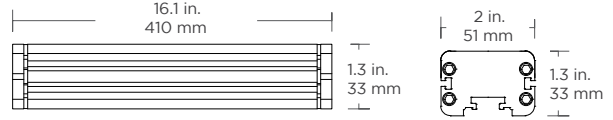
SPECIFICATIONS / DIMENSIONS

DIMENSIONS

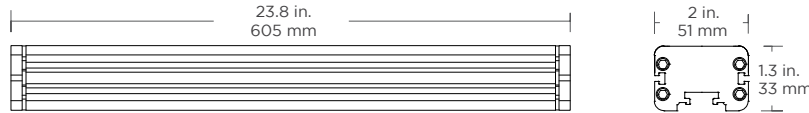
12.3 in. / 313 mm:



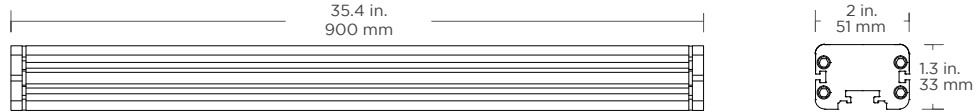
16.1 in. / 410 mm:



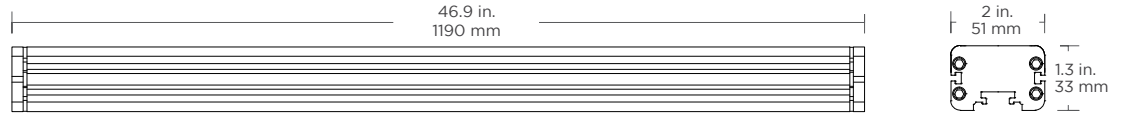
23.8 in. / 605 mm:



35.4 in. / 900 mm:

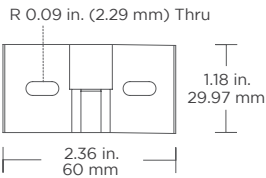
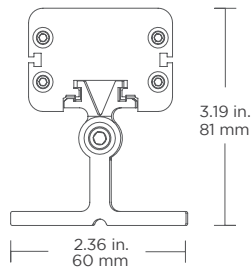


46.9 in. / 1190 mm:



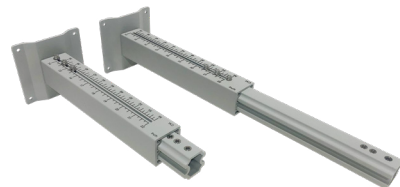
MOUNTING HARDWARE

**Large Tilttable Stand**  
For adjustable mounting angles from 0-180°



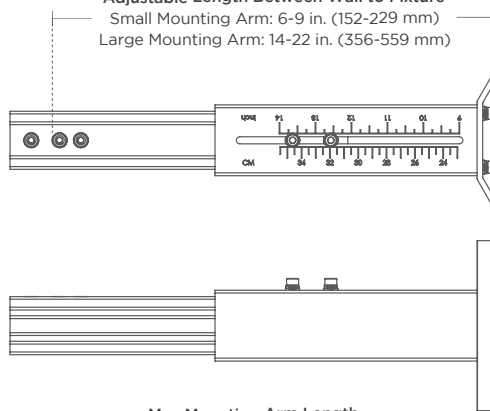
Mounting Arms

Small Mounting Arm Part Number: ARMORMNT0609  
Large Mounting Arm Part Number: ARMORMNT1422

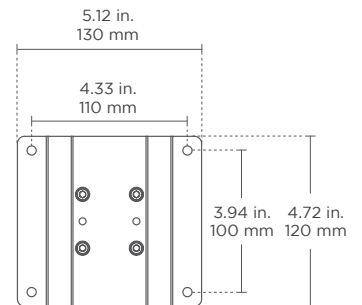


Adjustable mounts (in 3 sizes) help set desired angle and distance from lighting surface

**Adjustable Length Between Wall to Fixture**  
Small Mounting Arm: 6-9 in. (152-229 mm)  
Large Mounting Arm: 14-22 in. (356-559 mm)



**Max Mounting Arm Length**  
Small Mounting Arm: 10 in. (254 mm)  
Large Mounting Arm: 23 in. (585 mm)



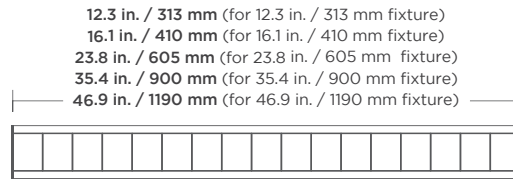
ACCESSORIES

**Symmetric Louver**

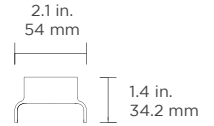
For glare reduction  
Note: This will affect beam angle



Part Number:  
MINILOUV313 (313 mm)  
MINILOUV410 (410 mm)  
MINILOUV605 (605 mm)  
MINILOUV900 (900 mm)  
MINILOUV1190 (1190 mm)



Not recommended for exterior applications



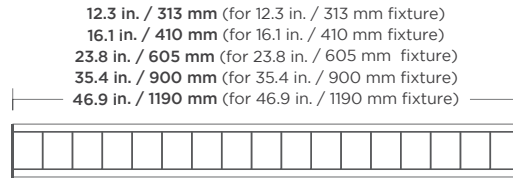
Side View

**Asymmetric Louver**

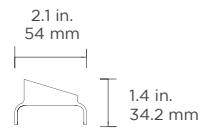
For glare reduction  
Note: This will affect beam angle



Part Number:  
MINIALOUV313 (313 mm)  
MINIALOUV410 (410 mm)  
MINIALOUV605 (605 mm)  
MINIALOUV900 (900 mm)  
MINIALOUV1190 (1190 mm)



Not recommended for exterior applications



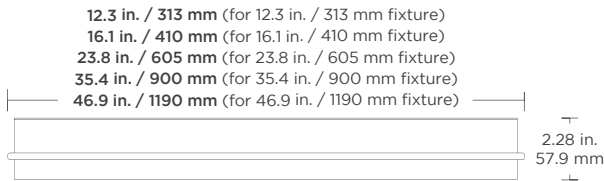
Side View

**Glare Shield**

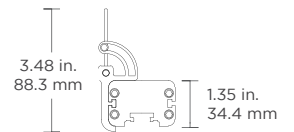
To reduce glare or redirect light



Part Number:  
MINISHLD313 (313 mm)  
MINISHLD410 (410 mm)  
MINISHLD605 (605 mm)  
MINISHLD900 (900 mm)  
MINISHLD1190 (1190 mm)



Adds 2.0 in. / 50.8 mm to the height of the fixture



Side View

**6 Pin Cable with Female Connector to Bare Wire (Power)**

To bare wire for incoming power  
Lengths: 78.74 in. (2000 mm) and 19.7 ft (6000 mm)



Part Number:  
MINICBLFB6PIN2000 (6.6 ft / 2000 mm)  
MINICBLFB6PIN6000 (19.7 ft / 6000 mm)

**6 Pin Male To Female Jumper Cable**

To connect 6 pin male connector to 6 pin female connector  
Lengths: 39.4 in. (1000 mm) and 78.7 in. (2000 mm)  
(Consult factory for custom length)



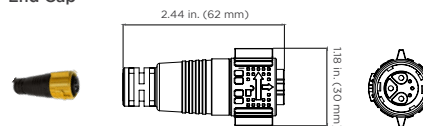
Part Number:  
MINIJUMP6PINMK1000 (3.3 ft / 1000 mm)  
MINIJUMP6PINMK2000 (6.6 ft / 2000 mm)

**T-Connector (Fixture Chain Splitter)**



Part Number:  
MINICBLTJOINT6PIN

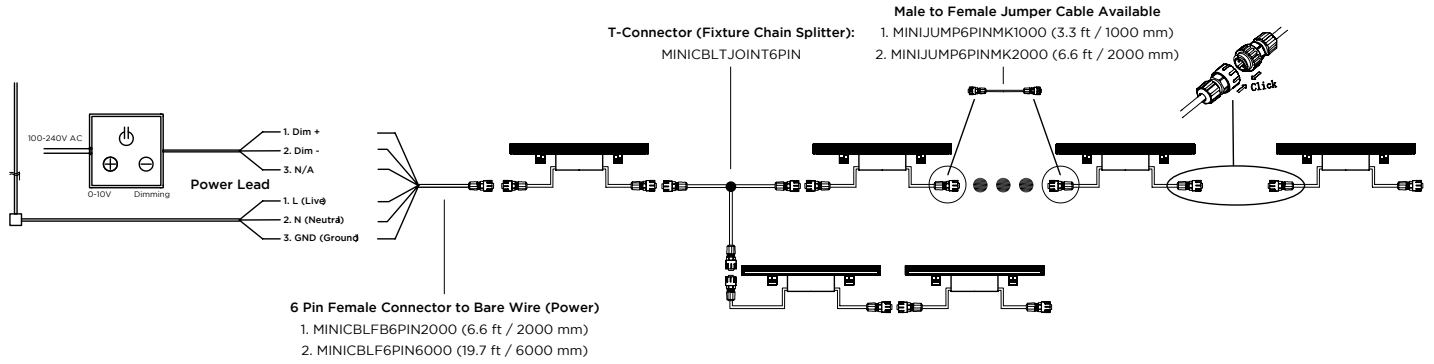
**End Cap**



Part Number:  
MINIAC-CAPSW

CONNECTION

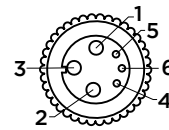
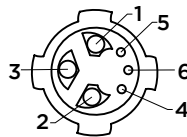
STATIC WHITE WIRING DIAGRAM



6-PIN CONNECTOR AND WIRE SPECS

Cable	Function	Pin ID	Wire Size	Wire Color (US)
Power Lead in / Power Extension	L (Line)	1	16AWG	Black
	N (Neutral)	2	16AWG	White
	GND (Ground)	3	16AWG	Green
Dimming	DIM +	4	22AWG	Purple
	DIM -	5	22AWG	Gray
	N/A	6	22AWG	Yellow

PIN ID:



6-Pin Connector is used for the following cables:

1. Fixture in/out
2. MINICBLTJOINT6PIN
3. MINIJUMP6PINMK1000
4. MINIJUMP6PINMK2000
5. MINICBLFB6PIN2000
6. MINICBLFB6PIN6000

Notes:

1. The top wiring diagram shows only typical connections. Actual wiring depends on the site configuration and installation.
2. The wire connection method shall be determined by local electrical codes and regulations. Wire nuts or screw terminal blocks are recommended for wire connection.
3. Actual number of wall washer can be connected may vary according to cable lengths and signal source.
4. Shield signal cables are recommended for signal protection.