Date Project

Notes

# ARMOR SERIES | MINI EXTERIOR LINEAR FIXTURES

Armor Series Mini Linear fixtures offer a small, sleek anodized aluminum profile with five premium optics options designed for exterior applications. Six brilliant CCTs (2700K-6000K) and four standard lengths allow mixing and matching as needed to fit any project. Choose the mounting style suitable for your design, from tilting stands for focused beam angles in tight spaces to sturdy mounting arms for rock-solid light. The Armor Series Mini Linear comes with a three-year warranty.

# GEL-FLUSH™ TECHNOLOGY

The Armor Series Mini Linear fixture is manufactured with GelFlush™ Technology. This proprietary innovation uses a special Dow Corning sealant to protect your lighting from the elements. With Acolyte's Armor Series, there's no leaking and no condensation -- just clear, unobstructed beams of light!







# ORDERING GUIDE

Category	CRI	Input Voltage	Length	Color Temperature	FWHM Beam Angle	Mounting Option
MINI		24				
MINI - Armor MINI	80 - 80+ CRI	<b>24</b> - 24 VDC	8 - 8.5 in. / 215 mm (6 W)	<b>27</b> - 2700K	<b>10x40</b> - 10x40°	SI - Snap-In
	<b>90</b> - 90+ CRI		16 - 16.1 in. / 410 mm (12 W)	<b>30</b> - 3000K	<b>15</b> - 15x15°	TS - Tiltable Stand
			24 - 23.8 in. / 605 mm (18 W)	<b>35</b> - 3500K	<b>20</b> - 20x20°	TSL - Large Tiltable Stand
			<b>47</b> - 46.9 in. / 1190 mm (36 W)	<b>40</b> - 4000K	<b>35</b> - 35x35°	
				<b>50</b> - 5000K	<b>50</b> - 50x50°	
				<b>60</b> - 6000K		

# OPTIONAL ACCESSORIES:

1.) Armor Series Mounting Arms: Small: ARMORMNT0609 Large: ARMORMNT1422

2.) Symmetric Louver: MINILOUV215 (215 mm) MINILOUV410 (410 mm) MINILOUV605 (605 mm)

MINILOUV1190 (1190 mm)

3.) Asymmetric Louver:

MINIALOUV215 (215 mm) MINIALOUV410 (410 mm) MINIALOUV605 (605 mm) MINIALOUV1190 (1190 mm) 4.) Glare Shield:

MINISHLD215 (215 mm) MINISHLD410 (410 mm) MINISHLD605 (605 mm) MINISHLD1190 (1190 mm)

5.) 2 Pin Male to Female Jumper Cable:

MINIJUMPMF1000 (1000 mm) MINIJUMPMF2000 (2000 mm) 6.) 2 Pin Female Cable to Bare Wire:

MINICBLFB300 (300 mm) MINICBLFB500 (500 mm) MINICBLFB1000 (1000 mm) MINICBLFB2000 (2000 mm)

#### DRIVERS:

#### NON-DIMMING ELECTRONIC DRIVERS



#### 30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers

Part No.

- DRVW2430 (30 W)
- DRVW2460 (60 W)

• DRVW2496 (96 W)

#### 240W, 320W Non-Dimming Electronic Drivers

- Part No.: • DRVW24240 (240 W)
- DRVW24320 (320 W)

#### 60W, 96W Non-Dimming Compact Drivers

Part No.:

- DRV2460C (60 W)
- DRV2496C (96 W)

# 0-10V/ELV/MLV 3-IN-1



#### 60W, 96W, 288W 0-10V/ELV/MLV 3-in-1 Dimmable Drivers

Part No.:

- DRVW2460TRI010 (60 W)
- DRVW2496TRI010 (96 W)
- DRVW24288TRI010 (288 W) DIMMABLE DALI-2 DRIVERS

# ATHENA WIRELESS COMPATIBLE



#### 94W Athena Wireless Compatible Drivers

- DRVW2494ATH1CH (1 channel)
- DRVW2494ATH2CH (2 channel)

100W & 200W Casambi Compatible 4 Channel Drivers

CASAMBI COMPATIBLE DRIVERS

- DRVW24100CAS4CH (100 W)
- DRVW24200CAS4CH (200 W)

#### 96W Dimmable DALI-2 DT6 D4I & DT8 D4I Drivers

DIMMABLE DALI-2 DRIVERS

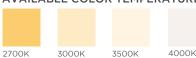
- DRVW2496DALIICH (1 channel)
- DRVW2496DALI2CH (2 channel)



#### 75W, 150W, 240W DALI-2 Dimmable Drivers

- DRVW2475DALIICH (75 W. 1 channel)
- DRVW24150DALI1CH (150 W, 1 channel)
- DRVW24240DALI1CH (240 W, 1 channel) DRV24150DALI2CH (150 W. 2 channels).
- DRV24150DALI4CH (150 W, 4 channels)

# **AVAILABLE COLOR TEMPERATURES**





# **AVAILABLE BEAM ANGLES**













# **SPECIFICATIONS**

Operating Voltage	24 VDC																				
Length	8.5 in. / 215 mm					16.1 in. / 410 mm				23.8 in. / 605 mm					46.9 in. / 1190 mm						
Power Consumption	6 W					12 W				18 W					36 W						
LEDs per Fixture	6 LEDs					12 LEDs				18 LEDs					36 LEDs						
Amperage			0.25 A			0.5 A					0.75 A					1.5 A					
Color Temperature	2700K, 3000K, 3500K 4000K, 5000K, 6000K																				
LED Beam Angle	15 x 15°	20 x 20°	35 x 35°	50 x 50°	10 X 40°	15 x 15°	20 x 20°	35 x 35°	50 x 50°	10 X 40°	15 x 15°	20 x 20°	35 x 35°	50 x 50°	10 x 40°	15 x 15°	20 x 20°	35 x 35°	50 x 50°	10°x 40°	
Lumen Output / Foot	933.5	945.1	842.9	828.8	959.7	933.5	945.1	842.9	828.8	959.7	933.5	945.1	842.9	828.8	959.7	933.5	945.1	842.9	828.8	959.7	
Lumen Output / Meter	3062.8	3100.8	2765.3	2719	3148.8	3062.8	3100.8	2765.3	2719	3148.8	3062.8	3100.8	2765.3	2719	3148.8	3062.8	3100.8	2765.3	2719	3148.8	
Efficacy (lm/W)	101.6	102.9	91.7	90.2	104.4	101.6	102.9	91.7	90.2	104.4	101.6	102.9	91.7	90.2	104.4	101.6	102.9	91.7	90.2	104.4	
Total Lumens	658.5	666.7	594.5	584.6	677	1255.8	1271.3	1133.8	1114.8	1291	1853	1876	1673	1645	1905	3644.7	3690	3290.7	3238.6	3747	
Max. Run Length		14	4 fixture	es		6 fixtures						6	fixture	s		4 fixtures					
Weight	1.06 lb / 0.48 kg					1.87 lb / 0.85 kg					2.65 lb / 1.2 kg					3.3 lb / 1.5 kg					
Control System	0-10V, ELV/MLV, DALI																				
CRI	80+ or 90+ CRI																				
LED Binning (SDCM)	3-step (80+ CRI) or 2-step (90+ CRI)																				
Binning Tolerance	+/- 100K																				
Ambient Temperature	-40 – 122 °F (-40 – 50 °C)																				
Housing / Lens Materials	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																				
Connector	2 pin power connector																				
Cable Length	11.81 in. / 300 mm																				
Protection Rating	IP66																				
Impact Rating	IK08																				
Mounting Options	Snap-In Clip, Tiltable Stand (140° adjustable), Large Tiltable Stand (180° adjustable), Mounting Arms (available in 2 different sizes)																				
Lifetime (L70 reported)	50,000 hours																				
Certifications	CE, ETL / 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)																				
Fixture Color Finish	Anodized silver																				

<sup>\*</sup> ALL LUMEN DATA IS FROM 3000K 80+ CRI FIXTURES

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# SPECIFICATIONS / DIMENSIONS

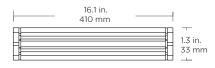
# DIMENSIONS

8.5 in. / 215 mm:





# 16.1 in. / 410 mm:



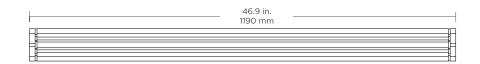


23.8 in. / 605 mm:





46.9 in. / 1190 mm:

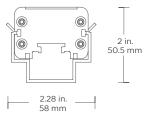


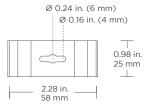


# MOUNTING HARDWARE

# Snap-In Clip

For narrow installations where mounting clips need to be installed first



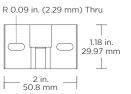




# Tiltable Stand

For adjustable mounting angles from 0-140°

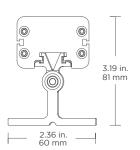


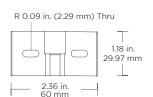




# Large Tiltable Stand

For adjustable mounting angles from 0-180°









# MOUNTING HARDWARE / ACCESSORIES

#### MOUNTING HARDWARE

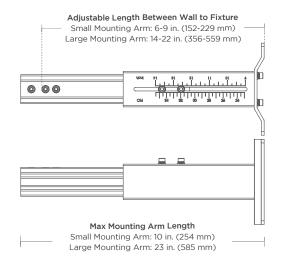
#### **Mounting Arms**

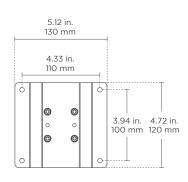
Small Mounting Arm Part Number: ARMORMNT0609 Large Mounting Arm Part Number: ARMORMNT1422



#### **Armor Series Mounting Arm**

Adjustable mounts (in 2 sizes) help set desired angle and distance from lighting surface





# ACCESSORIES



#### Louver

For glare reduction Note: This will affect beam angle

Part Number: MINIALOUV



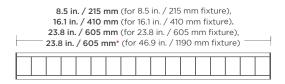
#### Asymmetric Louver

For glare reduction Note: This will affect beam angle

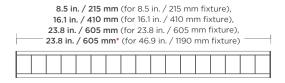


### Glare Shield

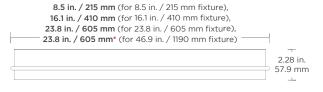
To reduce glare or redirect light



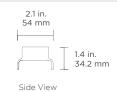
Not recommended for exterior applications \* Needs two 24 in. Louvers for 46.9 in. fixture

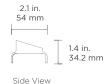


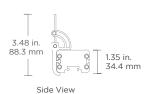
Not recommended for exterior applications
\* Needs two 24 in. Asymmetric Louvers for 46.9 in. fixture



Adds 2 in./50.8 mm to the height of the fixture \* Needs two 24 in. Glare Sheilds for 46.9 in. fixture









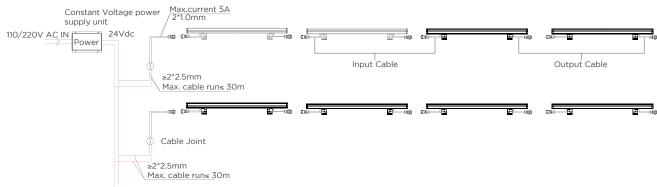


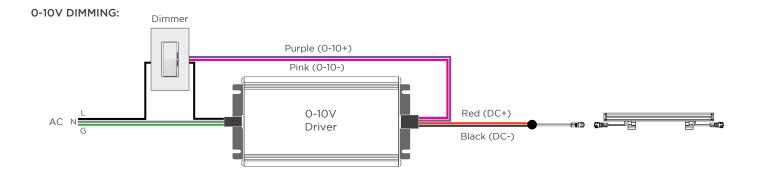
2 Pin Male To Female Jumper Cable
To connect 2 pin male connector to 2 pin female connector
Default cable length: 11.81 in. / 30 cm
(Consult factory for custom length)

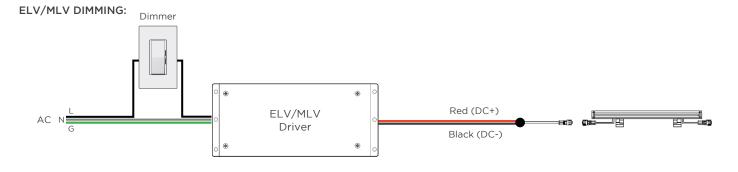
# CONNECTION

#### Constant Voltage power supply unit NON-DIMMING FOR CASE 1: ~ 110/220V AC IN 24Vdc Power ≥2\*2.5mm Max. cable run≤ 30m CASE 1. Max. Current 5A TConnector 2\* 1.0mm 2- pin Female Connector 2- pin Male connector 2- pin Eemale Connector ----2- pin Male Connector Input Cable Output Cable End Cap

# CASE 2.



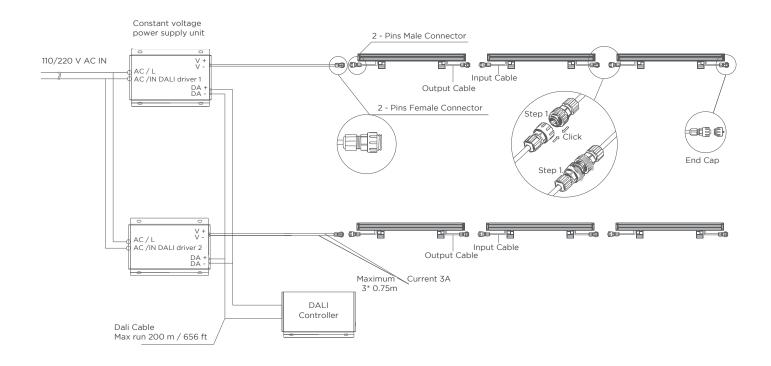




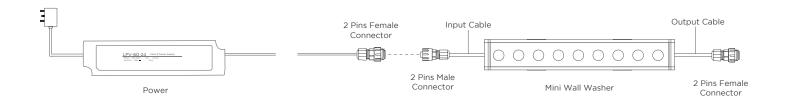


# CONNECTION

# DALI DIMMING:



### **CONNECTORS:**



REV.220CT2025

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