ARMOR SERIES | RGBW MINI EXTERIOR LINEAR FIXTURES

A high-powered wash fixture with 3 optic options, the RGBW MINI will allow you to custom mix specific colors for special events or company, with the ability to switch to a color that will compliment your buildings or installations natural coloring. With 5 different lengths to choose from, you will be able to find the fixtures to suit your installation. Armor Series RGBW MINI fixtures come with a three-year warranty.

GEL-FLUSH™ TECHNOLOGY

The RGBW MINI is now manufactured with Acolyte's Gel Flush™ Technology. This proprietary innovation prevents breaches from any weather-related elements. Acolyte's exterior products are guaranteed to never leak, condensate, or be breached by any environmental elements. This results in a clear and unobstructed beam of light from the our fixtures. No more water beads changing and or refracting the specified beam angles.

Applications:

Commercial	Museums
Entertainment	Public Spaces

CE   ETL us   IP66

ORDERING GUIDE

Category	Length	Color	FWHM Beam Angle
MINI		**RGBW65**	
MINI - Armor RGBW Mini	**12** - 12.3 in. / 313 mm (14 W)	**RGBW65** - RGBW + 6500K	**15** -15°x15°
	0.5 - 19.7 in. / 500 mm (24 W)		**25** - 25°x25°
	24 - 23.8 in. / 605 mm (30 W)		**35** - 35°x35°
	1.0 - 39.4 in. / 1000 mm (48 W)		
	47 - 46.9 in. / 1190 mm (60 W)		

INCLUDED ACCESSORIES:

1.) Large Tiltable Stand
  TSL

OPTIONAL ACCESSORIES:

1.) Armor Series Mounting Arms:

  Small: ARMORMNT0609
  Large: ARMORMNT1422

2.) Glare Shield:
  MINISHLD313 (313 mm)
  MINISHLD500 (500 mm)
  MINISHLD605 (605 mm)
  MINISHLD1000 (1000 mm)
  MINISHLD1190 (1190 mm)

3.) 2 Pin Female Cable to Bare Wire:
  MINICBLFB300 (300 mm)
  MINICBLFB500 (500 mm)
  MINICBLFB1000 (1000 mm)
  MINICBLFB2000 (2000 mm)

4.) 2 Pin Male to 2 Pin Female Jumper Cable:
  MINIJUMPMF1000 (1000 mm)
  MINIJUMPMF2000 (2000 mm)

5.) 3 Pin Female to Bare Wire DMX Cable:
  MINIDMXFB500 (500 mm)

6.) 3 Pin Male to 3 Pin Female DMX Jumper Cable:
  MINIDMXMF1000 (1000 mm)
  MINIDMXMF2000 (2000 mm)

AVAILABLE COLORS

RGBW+6500K

AVAILABLE BEAM ANGLES

15°x15°	25°x25°	35°x35°

SPECIFICATIONS / DIMENSIONS / LUMEN DATA

Operating Voltage	24 V DC				
Length	12.3 in. / 313 mm	19.7 in. / 500 mm	23.8 in. / 605 mm	39.4 in. / 1000 mm	46.9 in. / 1190 mm
Power Consumption	14 W	24 W	30 W	48 W	60 W
LEDs per Fixture	8 LEDs	12 LEDs	15 LEDs	24 LEDs	30 LEDs
Amperage	0.58 A	1 A	1.25 A	2 A	2.5 A
Color / Temperature	RGBW+6500K				
LED Beam Angle	15°x15°, 25°x25°, 35°x35°				
Max Daisy Chained Power	8 fixtures	5 fixtures	4 fixtures	2 fixtures	2 fixtures
Max Daisy Chained DMX	32 fixtures				
Control System	DMX				
LED Binning (SDCM)	3-Step MacAdam ellipse (White Channel Only)				
Ambient Temperature	-40° F to 122° F (-40° C to 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 / 3 pin DMX signal connector				
Cable Length	11.81 in. / 300 mm				
Protection Rating	IP66				
Mounting Options	Large Tiltable Stand (180° adjustable), Mounting Arms (available in 2 different sizes)				
Impact Rating	IK08				
Lamp Life	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				

LIGHT OUTPUT FOR 12.3 IN. / 313 MM

LED Beam Angles	15°x15°					25°x25°					35°x35°				
Color / Temperature	Red	Green	Blue	White	All	Red	Green	Blue	White	All	Red	Green	Blue	White	All
Lumen Output / Foot	155.3	230.9	39.0	277.0	734.7	144.2	248.0	37.2	271.8	735.3	153.8	227.6	39.3	247.6	621.8
Total Lumens	159.1	236.7	40.0	284.0	753.1	147.8	254.2	38.1	278.6	753.7	157.6	233.2	40.2	253.8	637.4

LIGHT OUTPUT FOR 19.7 IN. / 500 MM

LED Beam Angles	15°x15°					25°x25°					35°x35°				
Color / Temperature	Red	Green	Blue	White	All	Red	Green	Blue	White	All	Red	Green	Blue	White	All
Lumen Output / Foot	155.3	230.9	39.0	277.0	734.7	144.2	248.0	37.2	271.8	735.3	153.8	227.6	39.3	247.6	621.8
Total Lumens	254.9	379.1	64.0	454.8	1206.2	236.7	407.1	61.0	446.2	1207.2	157.6	373.6	77.9	253.8	1020.8

LIGHT OUTPUT FOR 23.8 IN. / 605 MM

LED Beam Angles	15°x15°					25°x25°					35°x35°				
Color / Temperature	Red	Green	Blue	White	All	Red	Green	Blue	White	All	Red	Green	Blue	White	All
Lumen Output / Foot	155.3	230.9	39.0	277.0	734.7	144.2	248.0	37.2	271.8	735.3	153.8	227.6	39.3	247.6	621.8
Total Lumens	307.9	458.0	77.4	549.5	1457.2	285.9	491.8	73.7	539.1	1458.4	305.0	451.3	77.9	491.1	1233.3

LIGHT OUTPUT FOR 39.4 IN. / 1000 MM

LED Beam Angles	15°x15°					25°x25°					35°x35°				
Color / Temperature	Red	Green	Blue	White	All	Red	Green	Blue	White	All	Red	Green	Blue	White	All
Lumen Output / Foot	155.3	230.9	39.0	277.0	734.7	144.2	248.0	37.2	271.8	735.3	153.8	227.6	39.3	247.6	621.8
Total Lumens	509.8	758.1	128.1	909.6	2412.3	473.3	814.2	122.1	892.4	2414.3	505.0	747.1	128.9	813.0	2041.7

LIGHT OUTPUT FOR 47 IN. / 1190 MM

LED Beam Angles	15°x15°					25°x25°					35°x35°				
Color / Temperature	Red	Green	Blue	White	All	Red	Green	Blue	White	All	Red	Green	Blue	White	All
Lumen Output / Foot	155.3	230.9	39.0	277.0	734.7	144.2	248.0	37.2	271.8	735.3	153.8	227.6	39.3	247.6	621.8
Total Lumens	610.7	908.2	153.4	1089.7	2889.9	567.0	975.4	146.3	1069.1	2892.3	604.9	895.0	154.4	973.9	2445.8

DIMENSIONS / MOUNTING HARDWARE

DIMENSION DRAWINGS

12.3 in. / 313 mm:
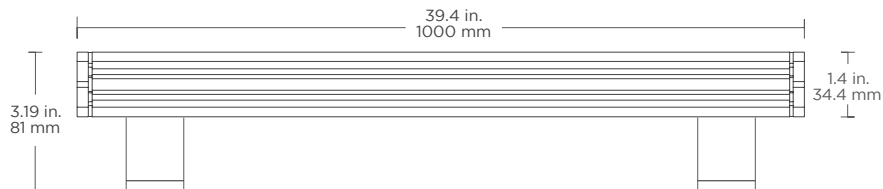
12.3 in.
313 mm

3.19 in.
81 mm

1.4 in.
34.4 mm

End view for all sizes:

2 in.
50 mm

3.19 in.
81 mm

2.36 in.
60 mm

19.7 in. / 500 mm:

19.7 in.
500 mm

3.19 in.
81 mm

1.4 in.
34.4 mm

23.8 in. / 605 mm:

23.8 in.
605 mm

3.19 in.
81 mm

1.4 in.
34.4 mm

39.4 in. / 1000 mm:

39.4 in.
1000 mm

3.19 in.
81 mm

1.4 in.
34.4 mm

46.9 in. / 1190 mm:

46.9 in.
1190 mm

3.19 in.
81 mm
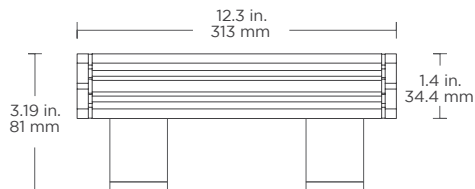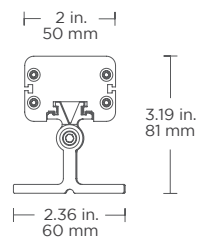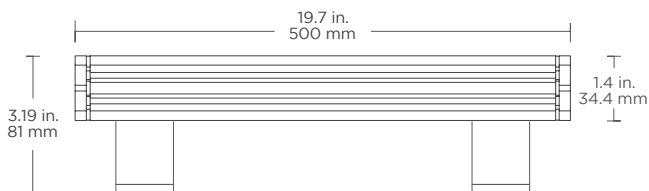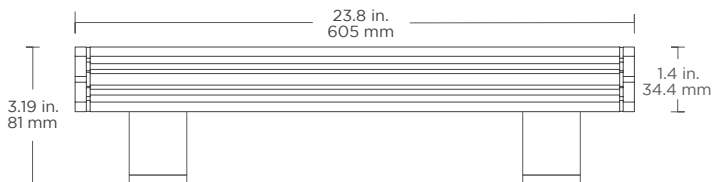
1.4 in.
34.4 mm
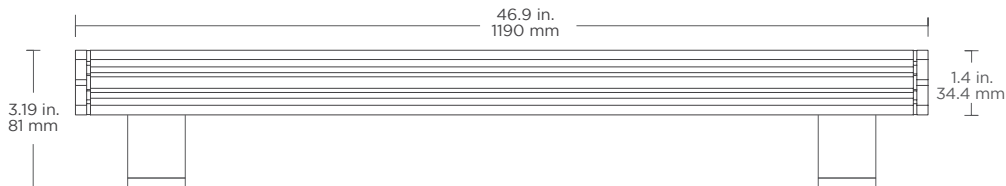
MOUNTING HARDWARE

Large Tiltable Stand
For adjustable mounting angles
up to 180°

3.19 in.
81 mm

2.36 in.
60 mm

R 2.29 mm (0.09 in.) Thru

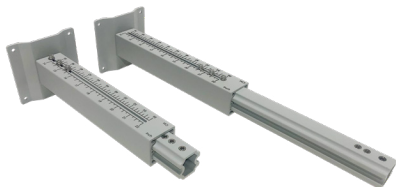29.97 mm
1.18 in.

60 mm
2.36 in.

180°
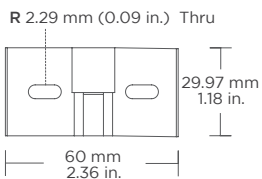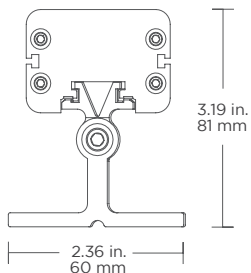
MOUNTING HARDWARE / ACCESSORIES
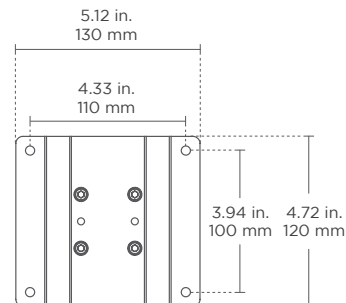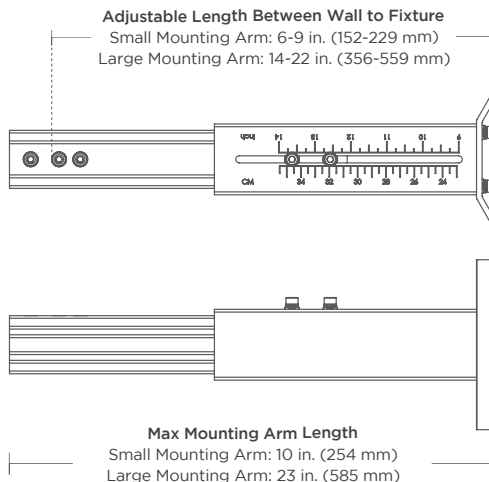
MOUNTING HARDWARE

Mounting Arms

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

Armor Series Mounting Arm
Adjustable mounts (in 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)

5.12 in.
130 mm

4.33 in.
110 mm

3.94 in.   4.72 in.
100 mm   120 mm

ACCESSORIES

Glare Shield
Part Number: MINISHLD

To reduce glare or redirect light

MINISHLD313 (313 mm)
MINISHLD500 (500 mm)
MINISHLD605 (605 mm)
MINISHLD1000 (1000 mm)
MINISHLD1190 (1190 mm)

12.3 in. / 313 mm (for 12.3 in. / 313 mm fixture),
19.7 in. / 500 mm (for 19.7 in. / 500 mm fixture),
23.8 in. / 605 mm (for 23.8 in. / 605 mm fixture),
39.4 in. / 1000 mm (for 39.4 in. / 1000 mm fixture),
46.9 in. / 1190 mm (for 46.9 in. / 1190 mm fixture)

2.28 in.
57.9 mm

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

FRONT VIEW

3.48 in.
88.3 mm

1.35 in.
34.4 mm
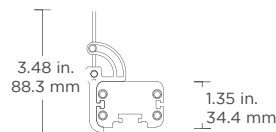
SIDE VIEW

2 Pin Female Cable To Bare Wire
Part Number: MINICBLFB
To bare wire for incoming power
MINICBLFB300 (300 mm)
MINICBLFB500 (500 mm)
MINICBLFB1000 (1000 mm)
MINICBLFB2000 (2000 mm)

2 Pin Male To Female Jumper Cable
Part Number: MINIJUMPMF
To connect 2 pin male connector to 2 pin female connector
MINIJUMPMF1000 (1000 mm)
MINIJUMPMF2000 (2000 mm)

3 Pin Female To Bare Wire DMX Input Cable
Part Number: MINIDMXFB
To bare wire for DMX controller
MINIDMXFB500 (500 mm)

3 Pin Male To 3 Pin Female DMX Jumper Cable
Part Number: MINIDMXMF

To connect 3 pin male connector to 3 pin female connector for DMX data
MINIDMXMF1000 (1000 mm)
MINIDMXMF2000 (2000 mm)

CONNECTION / CONNECTORS

DMX:

DMX Splitter1

100-240V AC

CQ DMX Control

DMX512

1: GND 2: DMX- 3:DMX+

Ethernet cable max 100M
max 30pcs node

Maximum current 3A
3*0.75m

3-pin Female connector

2-pin Female connector

Maximum current 5A
2*1.0m

Male connector

Jumper Cable

Leader Cable

constant voltage power
supply unit

110/220V AC IN

Power

24-48V DC

≥2*2.5mm
Max. cable run ≤30m

Step 1
Click
Step 2

2 Pin

Step 1
Click
Step 2

3 Pin