

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 3 year warranty.



GEL-FLUSH™ TECHNOLOGY

The RGBW MINI is now manufactured with **GENLED Acolyte**®'s Gel Flush™ Technology. This proprietary innovation prevents breaches from any weather-related elements. **GENLED 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



ORDERING GUIDE

| Category | Voltage | Wattage | Color | FWHM Beam Angle | Mounting Option |
|-------------------------------|--------------------|---|------------------------------|--|------------------------------------|
| MINI | 24 | | RGBW65 | | |
| MINI - Armor RGBW Mini | 24 - 24V DC | 14 - 14 W (12.3" / 313 mm) 24 - 24 W (19.7" / 500 mm) 30 - 30 W (23.8" / 605 mm) 48 - 48 W (39.4" / 1000 mm) 60 - 60 W (47.2" / 1190 mm) | RGBW65 - RGBW + 6500K | 15 -15° 25 - 25° 35 - 35° | TSL - Large Tilttable Stand |

INCLUDED ACCESSORIES:

- 1.) Large Tilttable Stand
TSL

OPTIONAL ACCESSORIES:

- 1.) **Armor Series Mounting Arms:**
Small: ARMORMNT0609
Large: ARMORMNT1422
- 2.) **Glare Shield:**
RGBWMINISHLD313 (313 mm)
RGBWMINISHLD500 (500 mm)
RGBWMINISHLD605 (605 mm)
RGBWMINISHLD1000 (1000 mm)
RGBWMINISHLD1190 (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 2 Pin Female DMX Jumper Cable:**
MINIDMXMF1000 (1000 mm)
MINIDMXMF2000 (2000 mm)

AVAILABLE COLORS



RGBW+6500K

SPECIFICATIONS / DIMENSIONS / LUMEN DATA

| | | | | | |
|--------------------------|--|----------------|----------------|-----------------|-----------------|
| Operating Voltage | 24V DC | | | | |
| Length | 12.3" / 313 mm | 19.7" / 500 mm | 23.8" / 605 mm | 39.4" / 1000 mm | 47.2" / 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°, 25°, 35° | | | | |
| 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" / 300 mm | | | | |
| Protection Rating | IP66 | | | | |
| Mounting Options | Large Tilttable 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" / 313 MM

| LED Beam Angles | 15° | | | | | 25° | | | | | 35° | | | | |
|---------------------|-------|-------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|------|-------|-------|
| | 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" / 500 MM

| LED Beam Angles | 15° | | | | | 25° | | | | | 35° | | | | |
|---------------------|-------|-------|------|-------|--------|-------|-------|------|-------|--------|-------|-------|------|-------|--------|
| | 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" / 605 MM

| LED Beam Angles | 15° | | | | | 25° | | | | | 35° | | | | |
|---------------------|-------|-------|------|-------|--------|-------|-------|------|-------|--------|-------|-------|------|-------|--------|
| | 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" / 1000 MM

| LED Beam Angles | 15° | | | | | 25° | | | | | 35° | | | | |
|---------------------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|
| | 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 47.2" / 1190 MM

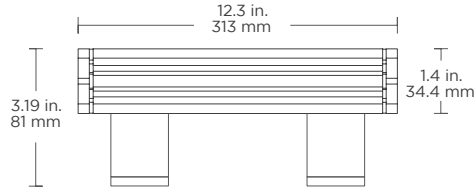
| LED Beam Angles | 15° | | | | | 25° | | | | | 35° | | | | |
|---------------------|-------|-------|-------|--------|--------|-------|-------|-------|--------|--------|-------|-------|-------|-------|--------|
| | Red | Green | Blue | White | All | Red | Green | Blue | White | All | Red | Green | Blue | 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 |

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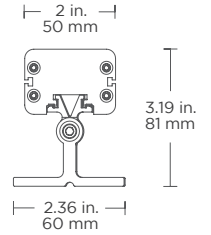
DIMENSIONS / MOUNTING HARDWARE

DIMENSION DRAWINGS

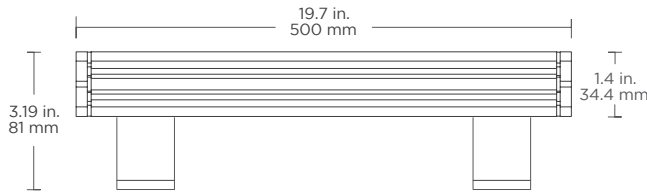
12.3 in. / 313 mm:



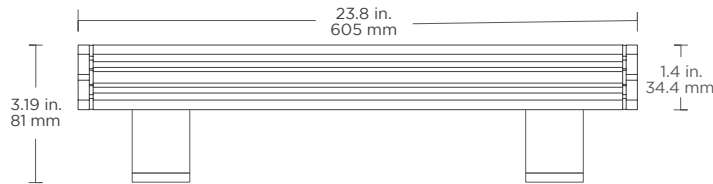
End view for all sizes:



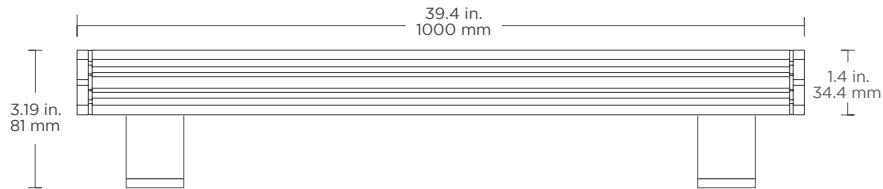
19.7 in. / 500 mm:



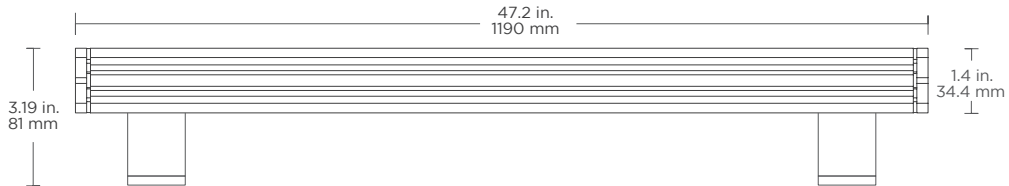
23.8 in. / 605 mm:



39.4 in. / 1000 mm:

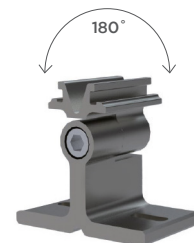
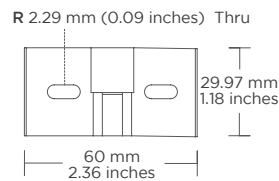
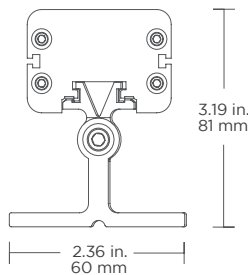


47.2 in. / 1190 mm:



MOUNTING HARDWARE

Large Tilttable Stand
For adjustable mounting angles
up to 180°

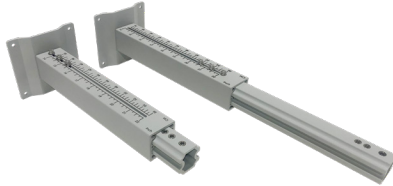


MOUNTING HARDWARE / ACCESSORIES

MOUNTING HARDWARE

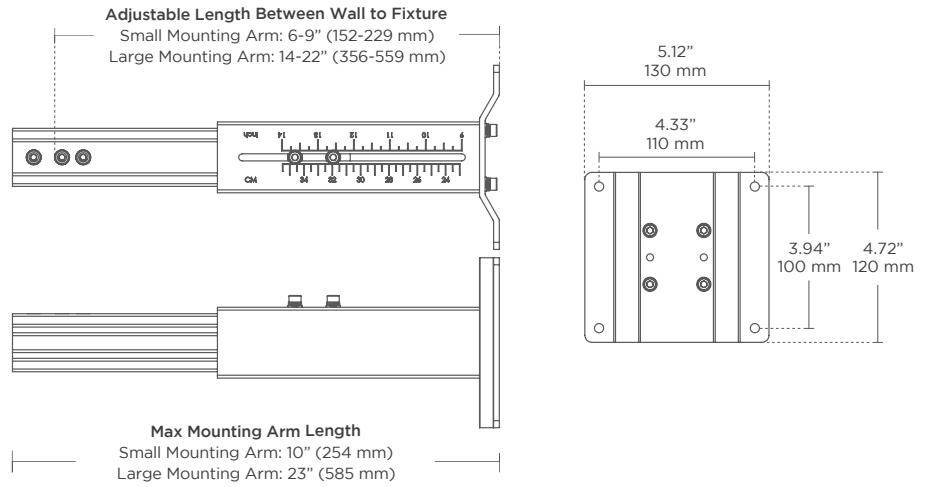
Mounting Arms

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



ACCESSORIES

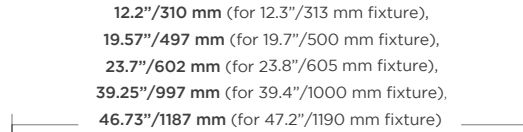


Glare Shield

Part Number: MINISHLD

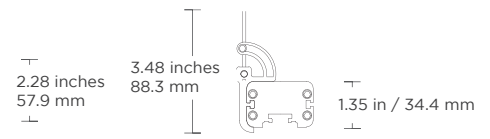
To reduce glare or redirect light

- RGBWMINISHLD313 (313 mm)
- RGBWMINISHLD500 (500 mm)
- RGBWMINISHLD605 (605 mm)
- RGBWMINISHLD1000 (1000 mm)
- RGBWMINISHLD1190 (1190 mm)



Adds 2.0" / 50.8 mm to the height of the fixture

FRONT VIEW



SIDE VIEW



2 Pin Female Cable To Bare Wire

Part Number: MINICBLFB

To bare wire for incoming power

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



2 Pin Male To Female Jumper Cable

Part Number: MINIJUMPMF

To connect 2 pin male connector to 2 pin female connector

- MINIJUMPMF1000 (1000mm)
- MINIJUMPMF2000 (2000mm)



3 Pin Female To Bare Wire DMX Input Cable

Part Number: MINIDMXFB

To bare wire for DMX controller

- MINIDMXFB500 (500mm)



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 (1000mm)
- MINIDMXMF2000 (2000mm)

CONNECTION / CONNECTORS

DMX:

