ATG
LED LIGHTING

CONTENTS

SENSORS

Our outdoor fixtures can be fitted with sensors that provide a variety of functions - including energy saving, occupant safety, security, and day to night modes. We carry compatible sensors such as PIR, Bi Level, and Microprocessor Photocells.

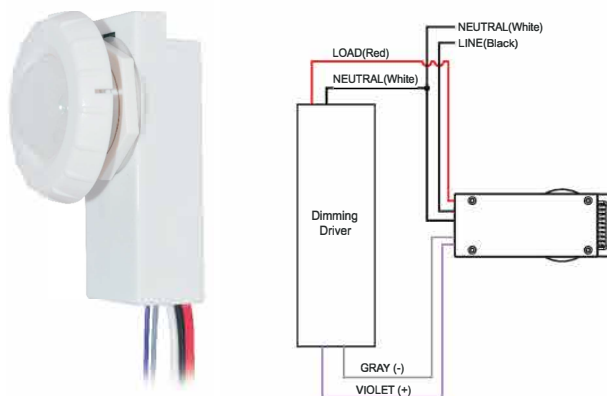| Part Number	Compatible Fixtures
BR1823	AE Aero Area Light AA Airia Area Light
JL-207	AA Airia Area Light
FSP-221B-D	PLF Myriad Flood Light

BR1823
Digital PIR
Bi-level Sensor

Daylight Sensor

Motion Sensor

See sensor specsheet for more information

Power Supply	120-277VAC 50/60Hz
Maximum Load -40°C-70 °C	Resistive/Tungsten - 600W@120V Ballast Electronic (LED) -800/1200VA@120/277V
Dim Control Output	0-10V, max. 25mA sinking current
Detection Radius/ Angle	30ft@40ft height/360 °
Mounting Height	Max 24ft. @LW1 Max 40ft. @LS2
Remote Range	50ft. (15m) indoor, no backlight
Humidity	Max. 95% RH
Temperature	-40 °C - +70°C

1

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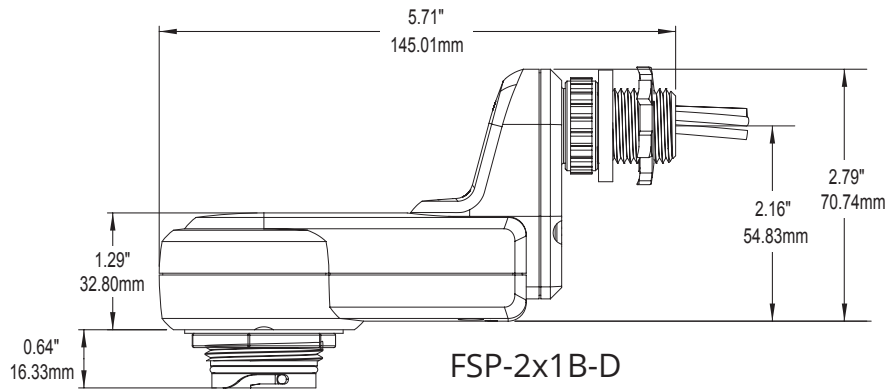
Photocell

Motion
Sensor

1-10V Dim
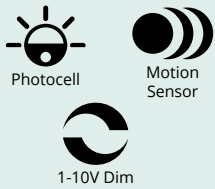
FSP-221B-D*
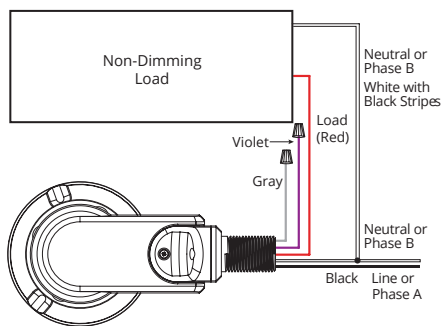**BiLevel Sensor**
IP66 Rated
110-480V

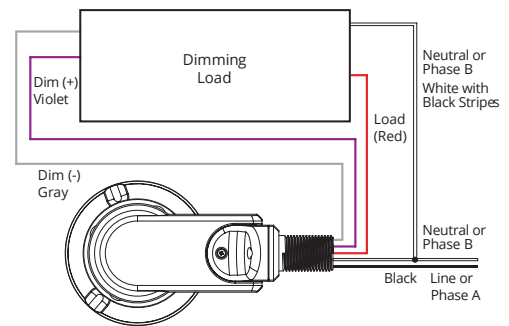| Load Ratings	@120V 0-800W tungsten, ballast, LED driver; 1/6hp motor @230-240V 0-300W ballast, LED driver @277V 0-1200W ballast, LED driver; 1/6hp motor @347/480V 0-1200W ballast, LED driver
0-10V Sinking Current	50mA
High/Low Modes	high:0-10V, low: off, 0-9.8V
Time Delay	30 sec, 1-30 min
Cut Off Delay	none, 1-59 minutes, 1-5 hours
Sensitivity/Service mode	low, med, max: on-fix, off-fix
Setpoints	hold off setpoint: none, 1-250 fc, auto photocell on/off setpoint: 1-250fc
Ramp and Fade Times	1-60 sec
Op Temperature	-40°F to +167°F (-40°C to +75°C)

Dimensions

5.71"
145.01mm

2.79"
70.74mm

2.16"
54.83mm

1.29"
32.80mm

0.64"
16.33mm

FSP-2x1B-D

Wiring

Wiring with non-dimming load.

Non-Dimming
Load

Neutral or Phase B
White with Black Stripes

Violet

Load (Red)

Gray

Neutral or Phase B

Black   Line or Phase A

Wiring with dimming load.

Dimming
Load

Dim (+) Violet

Neutral or Phase B
White with Black Stripes

Load (Red)

Dim (-) Gray

Neutral or Phase B

Black   Line or Phase A

*See Sensor Specsheet for more information

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Daylight Sensor

**JL-207
Microprocessor
Photocell
120/277 VAC**

See sensor specsheet for
more information

-HP
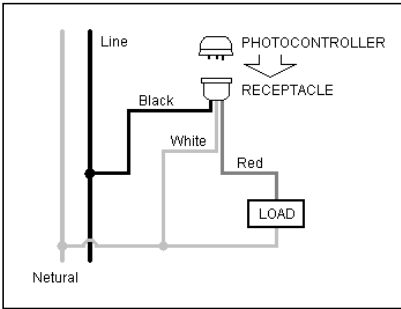
JL-207C		JL-207F	
Power Supply	Rated: 120-277VAC Applicable: 105-305 VAC	**Power Supply**	Rated: 480VAC Applicable: 105-530 VAC
Rated Frequency	50/60Hz	**Rated Frequency**	50/60Hz
Rated Loading	1000W Tungsten, 1800VA Ballast	**Rated Loading**	1000W Tungsten, 1800VA Ballast
Power Consumption	0.5W (STD) / 0.9(HP)	**Power Consumption**	0.5W (STD) / 0.9(HP)
Typical On/Off Level	16Lx On / 24Lx Off	**Typical On/Off Level**	16Lx On / 24Lx Off
Ambient Temp	-40°C ~ +70°C	**Ambient Temp**	-40°C ~ +70°C
Related Humidity	99% . 100% (IP67)	**Related Humidity**	99% . 100% (IP67)
Overall Size	84 (Dia) x66mm	**Overall Size**	84 (Dia) x66mm
Weight Approx	110g (STD) / 125g(HP)	**Weight Approx**	110g (STD) / 125g(HP)

3

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MOUNTING

Mount and secure our flood and area light luminaires with a full line of mounting accessories. They are engineered and built to provide a durable and safe fixture mounting that allows for optimal positioning and aiming. We offer a variety of mounting options including Round Pole Adapters, Wall Mounts, Spoke Brackets, Bullhorns, and Tenon Brackets.

Luminaire	Area and Flood Accesories	Type
Project		
Product		
Notes		

Part Number	Compatible Fixtures		Name	Description
RTA-2.4TO3	AA Airia Area Light AS Access Area Light PLF Myriad Flood Light		Pole Tenon Adaptor/ Reducer	Round Tenon Adaptor 3"
RTA-2.4TO4				Round Tenon Adaptor 4"
STA-2.4TO4				Square Tenon Adaptor 4"
STA-2.4TO5				Square Tenon Adaptor 5"
WMB-90-2.4	AA Airia Area Light AS Access Area Light PLF Myriad Flood Light		Wall Mount Bracket	Wall Mount 90° Bracket
WMB-2.4				Wall Mount Bracket
SB-SG-2.4-3	AA Airia Area Light AS Access Area Light PLF Myriad Flood Light		Spoke Bracket	Single Spoke Bracket
SB-TW180-2.4				Twin Spoke Bracket 180° Arms
SB-TW90-2.4-3				Twin Spoke Bracket 90° Arms
SB-TR120-2.4-3				Triple spoke bracket
SB-QD-2.4-3				Quad Spoke Bracket
BH-TW-2.4-3	AA Airia Area Light AS Access Area Light PLF Myriad Flood Light		Bullhorn	Bullhorn twin bracket
BH-TR-2.4-3				Bullhorn triple bracket
BH-QD-2.4-3				Bullhorn quad bracket
VT-TW180-2.4-3	AA Airia Area Light AS Access Area Light PLF Myriad Flood Light		Vertical Tenon Bracket	Vertical Twin Tenon Bracket
VT-TR180-2.4-3				Vertical Triple Tenon Bracket (1 middle fixture)
VT-TR360-2.4-3				Vertical Triple Tenon Bracket
VT-QD180-2.4-3				Vertical Quad Tenon Bracket

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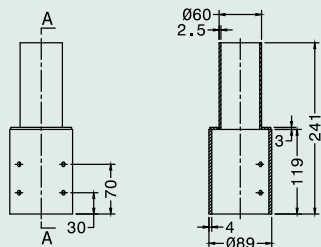Data subject to change. Last Edited: October 15, 2019 11:29 AM

Round Pole Adapter

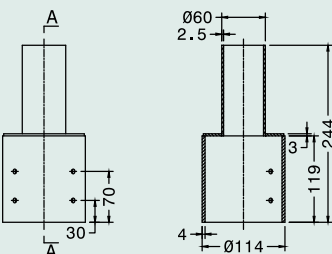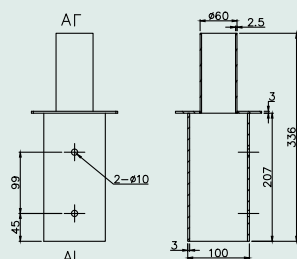| Part No.	For use with round, non-tapered steel and aluminum poles. Furnished with four hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.		Description
RTA-2.4TO3			• 3" Round Pole Adaptor • 2-3/8" O.D. Tenon • Bronze Finish
RTA-2.4TO4			• 4" Round Pole Adaptor • 2-3/8" O.D. Tenon • Bronze Finish

Square Pole Adapter

Part No.	For use with square, non-tapered steel and aluminum poles. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.		Description
STA-2.4TO4			• 4" Square Pole Adaptor • 2-3/8" O.D. Tenon • Bronze Finish
STA-2.4TO5			• 5" Square Pole Adaptor • 2-3/8" O.D. Tenon • Bronze Finish
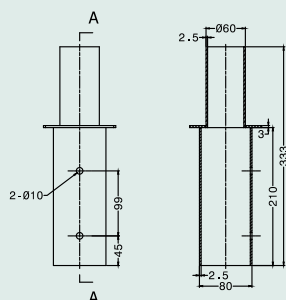
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Wall Mount

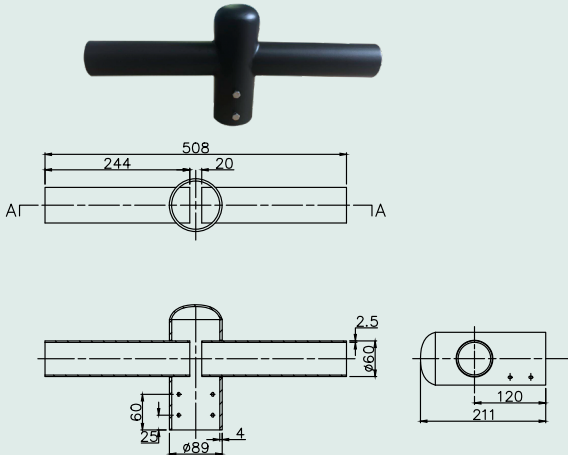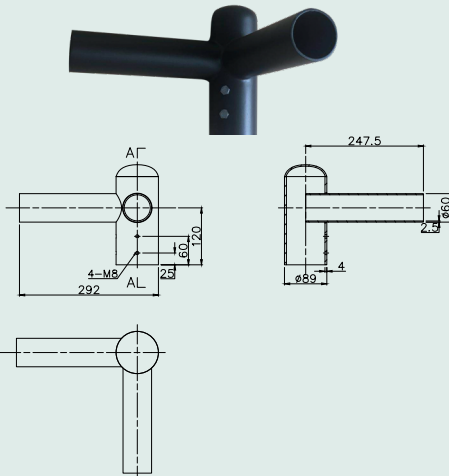| Part No.		Description
	The 90° wall mount bracket with 2-3/8" tenon attaches a floodlight to almost any surface: wall, roof, or wood pole. Provides wiring access and abuilt-in 2-3/8 O.D. tenon to mount a fxture with our adjustable slipftter.	
WMB-90-2.4		• 90° wall mount bracket • 2-3/8" O.D. Tenon • Bronze Finish
	2-3/8" OD Horizontal Tenon MidPole Bracket is designed to mount light fxture that is equipped with a adjustable slipftter onto a 2-3/8" OD horizontal tenon.	
WMB-2.4		• Wall mount bracket • 2-3/8" O.D. Tenon • Bronze Finish
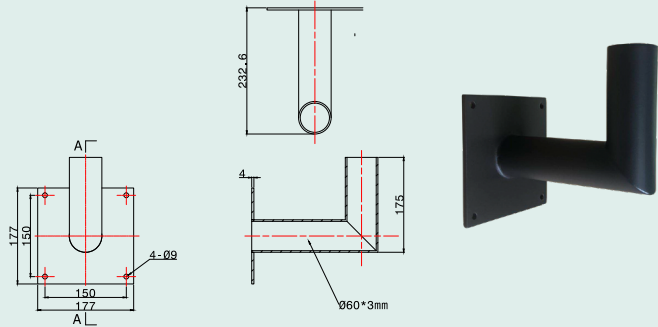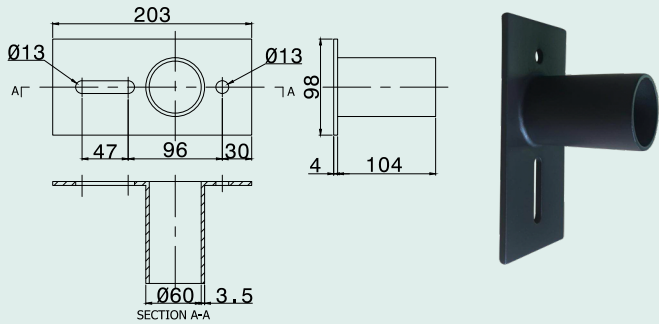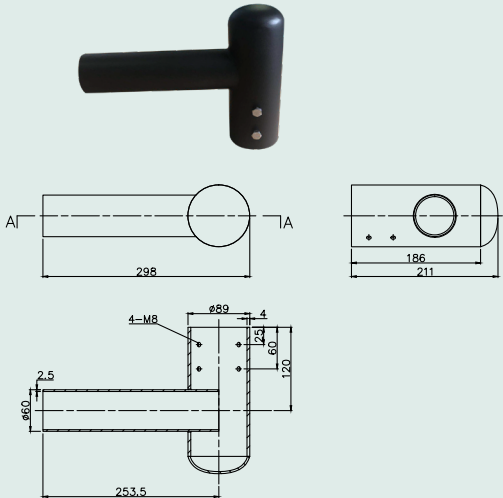
Spoke Bracket

Part No.	The Bracket is designed to mount on an existing pole. Fixtures can be mounted to each spoke and adjusted horizontally.	Description

SB-SG-2.4-3

- Single spoke bracket (1 fixture)
- Bronze Finish

SB-TW180-2.4

- Twin spoke bracket (2 fixtures)
- 180° Arms
- Bronze Finish

SB-TW90-2.4-3

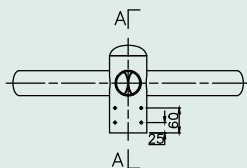- Twin spoke bracket (2 fixtures)
- 90° Arms
- Bronze Finish

Spoke Bracket

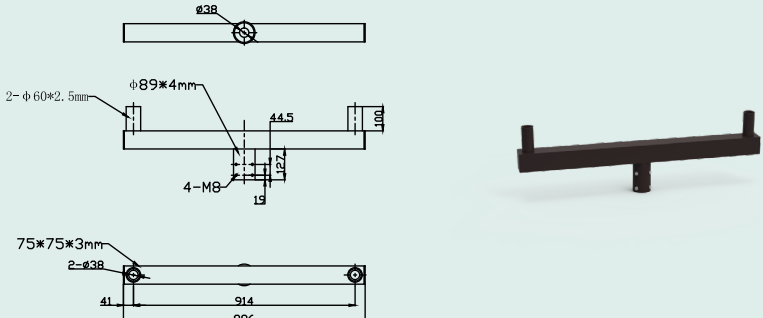| Part No.	The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Fixtures can be mounted to each spoke and adjusted horizontally.	Description
SB-TR120-2.4-3		• Triple spoke bracket (3 fixtures) • 120° Arms • Bronze Finish
SB-QD-2.4-3		• Quad spoke bracket (4 fixtures) • 90° Arms • Bronze Finish
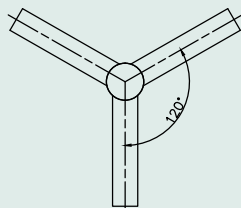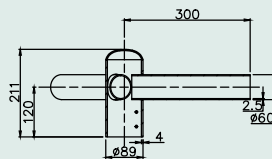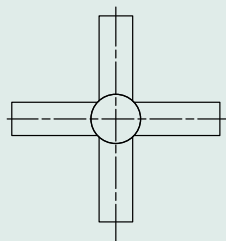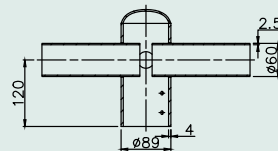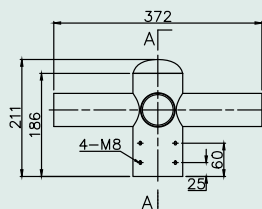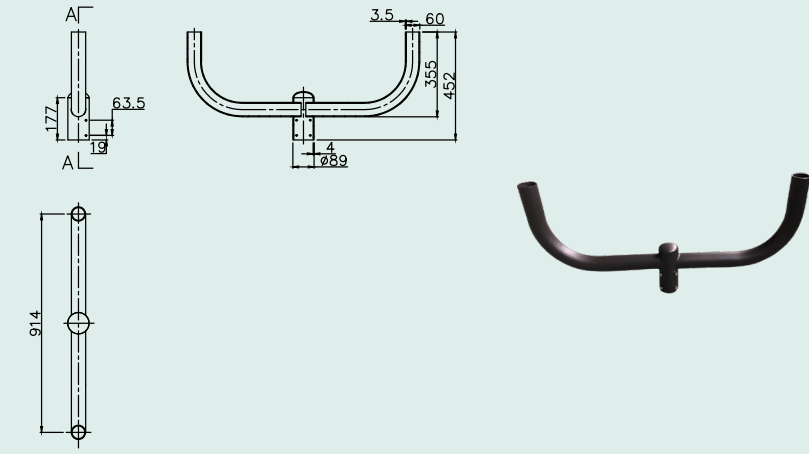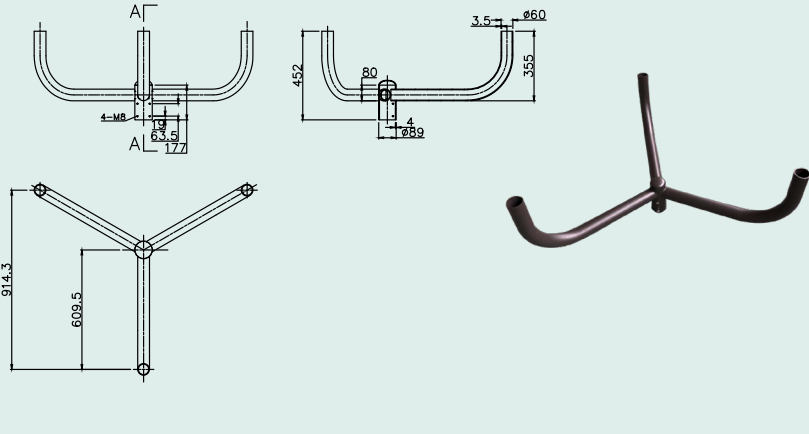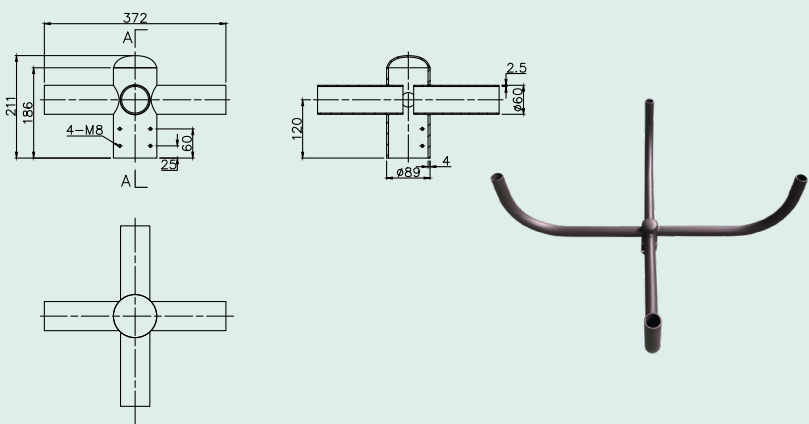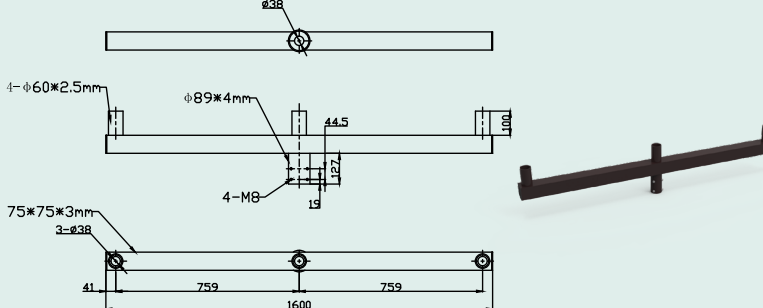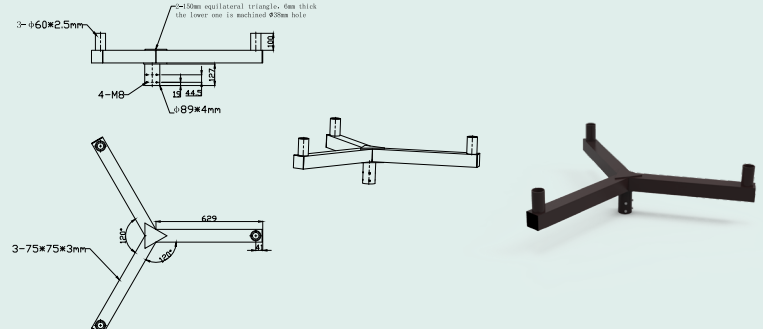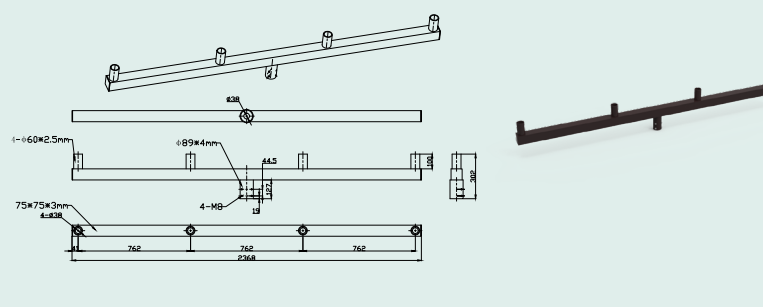
ATG
LED LIGHTING

Bullhorn

Part No.	This bullhorn bracket is designed to mount atop wood, steel, and concrete poles. This adapter allows for vertical mounting of two floodlight fixtures with two 2-3/8" slipfitters.	Description
BH-TW-2.4-3		• Bullhorn twin bracket (2 fixtures) • Bronze Finish
BH-TR-2.4-3		• Bullhorn triple bracket (3 fixtures) • Bronze Finish
BH-QD-2.4-3		• Bullhorn quad bracket (4 fixtures) • Bronze Finish

Tenon Bracket

Part No.	This vertical tenon bracket is an architectural design, and may mount atop wood, steel, and concrete poles. This adapter allows for vertical mounting of two fixtures with 2-3/8" slipfitters.		Description
VT-TW180-2.4-3			• Verticle tenon twin bracket (2 fixtures) • Bronze Finish
VT-TR180-2.4-3			• Verticle tenon triple bracket (3 fixtures) • 1 middle fixture • Bronze Finish
VT-TR360-2.4-3			• Verticle tenon triple bracket (3 fixtures) • Bronze Finish
VT-QD180-2.4-3			• Verticle tenon quad bracket (4 fixtures) • 2 middle fixtures • Bronze Finish