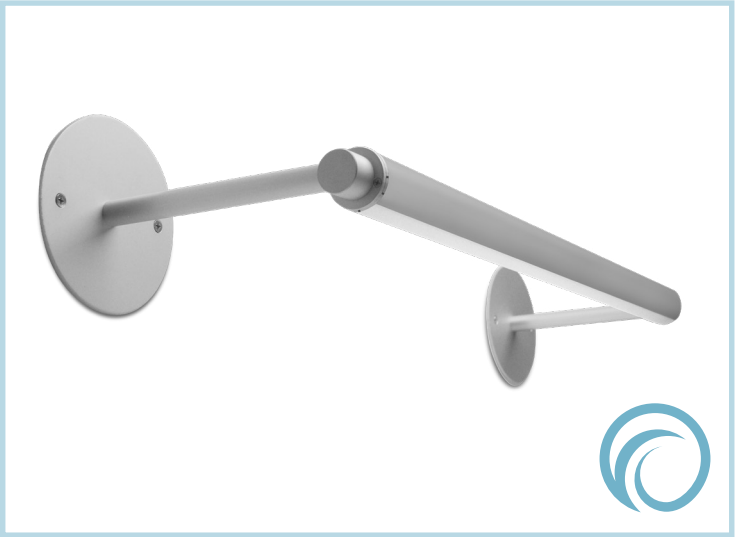
BSW501 | FATHOM

Ø1-3/8" arm mount LED luminaire for outdoor locations, remote driver

bartco
VISIONS BROUGHT TO LIGHT™

Project: _____ Type: _____



FEATURES

The BSW501 is a wet location, arm mounted LED luminaire, ideally suited for wall wash and facade lighting. The Ø1-3/8" extruded aluminum housing rotates on slender aluminum arms for flexible aiming. Each fixture is paired with a remote mounted, wet location 0-10V dimming or non-dimming driver and housing.

SPECIFICATIONS

Fixture housing constructed of an extruded aluminum tube, frosted acrylic extruded lens and sheet aluminum end caps.

Fixture arms are constructed of zinc plated steel pipe Ø5/8" extruded aluminum sleeves and machined aluminum end cap couplers.

Mounting plate options include a Ø4-3/4" aluminum plate for mounting to 4" round outdoor boxes or Ø1-3/8" aluminum plate for mounting to panel materials with rear access.

Standard finishes as shown below.

Single and continuous run fixtures available with arm center distances of 2'–5' nominal.

Arms allow fixture to project from a wall or roofline nominally 3", 6" or 12".

Fixture housing rotates 332° and is locked in place with hex fastener.

Extruded acrylic lens options available for Lambertian or asymmetric light distributions.

Fixture wired with 10' low voltage leads (measured from the end cap).

Included remote 120-277V wet location driver offered with 0-10V dimming or non-dim and surface mount aluminum enclosure.

Standard outputs are 505 lumens per foot for the Lambertian and 595 lumens per foot for the asymmetric optic option.

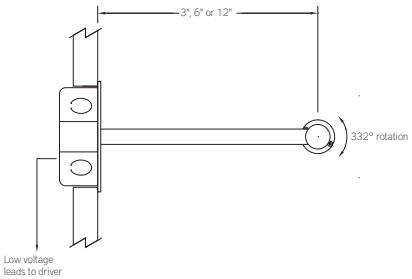
LEDs available in 2700K, 3000K, 3500K and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical

Life: 50,000 hours L_{70}.

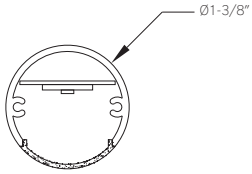
Limited five year warranty.

UL and C-UL listed for wet locations.

PROFILE



SECTION



PERFORMANCE

Note: All data reflects fixtures with 3500K LEDs.

NOMINAL LENGTH	OPTIC OPTION	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	Lambertian	R: regular	505	5.4	2148	106
	Asymmetric		595	5.3	2347	112

BSW501 -

____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____

ARM CENTER DISTANCE
- 2: 26"
- 3: 38"
- 4: 50"
- 5: 62"

CORRELATED COLOR TEMPERATURE
- 27: 2700K-90+ CRI
- 30: 3000K-90+ CRI
- 35: 3500K-90+ CRI
- 40: 4000K-90+ CRI

DRIVER
[remote]
- RN: non-dimming
- RD: 0-10V dimming, 5%

LIGHT OUTPUT (lumens per foot w/optic option A)
- R: regular – 595

OPTIC
- L: Lambertian distribution
- A: asymmetric distribution

NOMINAL ARM LENGTH
- 3: 3"
- 6: 6"
- 12: 12"
- CF: consult factory for custom arm length

MOUNTING PLATE OPTION
- WBR: wall box plate
- TP: trim plate

RUN CONFIGURATION
- SN: single
- ST: starter
- AD: adder
- TR: terminator

FINISH
- AW: architectural white (semi-matte)
- WH: white (semi-gloss)
- BL: black (semi-matte)
- MB: matte black
- ESS: environmental satin silver
- BZ: bronze
- PR: primer
- CF: consult factory for custom finish

Note: Each fixture includes a remote driver matched for fixture length and light output.

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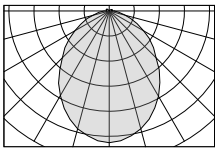
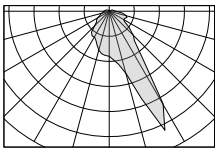
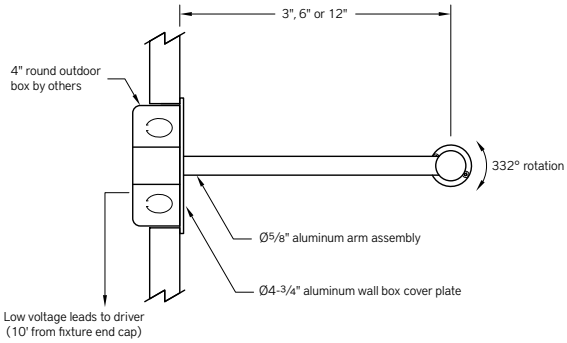
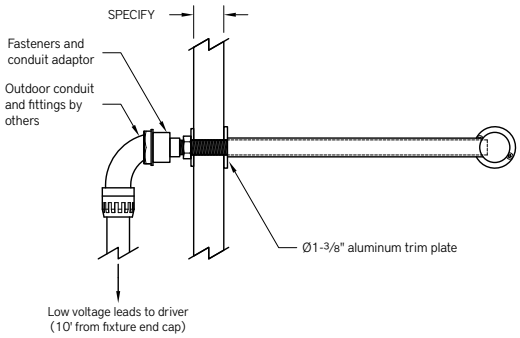
OPTIC OPTION

	ORDERING CODE	DESCRIPTION
	L	Lambertian light distribution
	A	Asymmetric light distribution

MOUNTING PLATE OPTION

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	WBR	WALL BOX MOUNTING PLATE	• Plate is Ø4-3/4" x 1/8" sheet aluminum in matching finish for mounting to 4" round outdoor junction box (by others). • Includes 10' low voltage leads (measured from end cap) and flat head Phillips machine screws.
	TP	TRIM PLATE	• Plate is Ø1-3/8" x 1/8" sheet aluminum in matching finish for mounting to a material with access to the back side. • Includes 10' low voltage leads (measured from end cap), flat washer, hex nut and conduit adaptor. • Accommodates mounting material thickness up to 3/4" (consult factory for special mounting conditions).

EPA CALCULATIONS

EFFECTIVE PROJECTED AREA

LENGTH ORDER CODE	EPA
2	0.27 ft^2
3	0.38 ft^2
4	0.51 ft^2
5	0.62 ft^2

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ARM CENTER DISTANCE

ORDERING CODE	LENGTH A
2	26"
3	38"
4	50"
5	62"

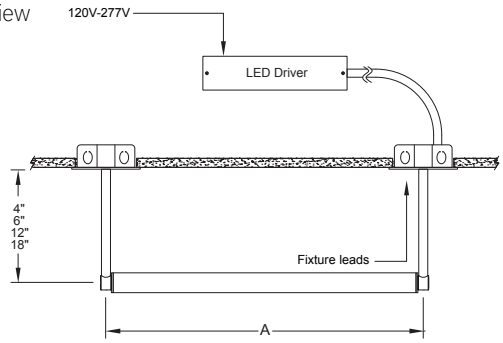
RUN CONFIGURATION INFORMATION

ORDERING CODE	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

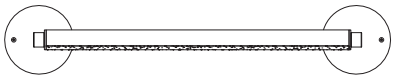
RUN INFORMATION

Single Fixtures

Plan View



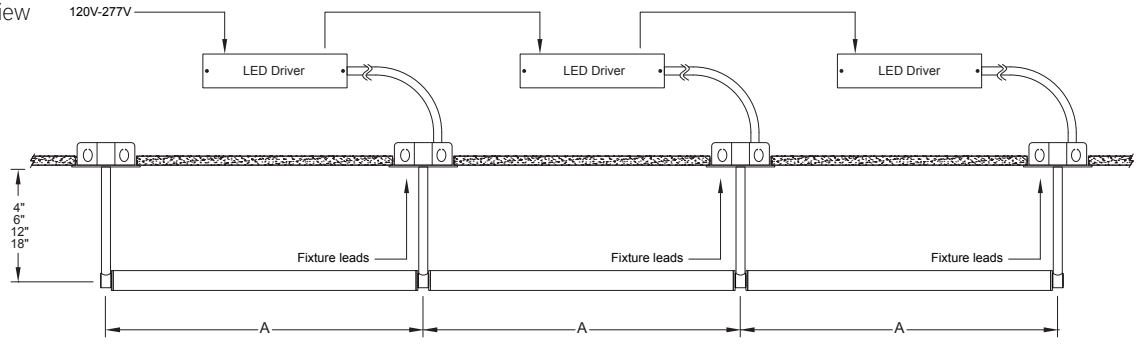
Front View



SN

Continuous Runs

Plan View



Front View

ST AD TR

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