BSS502 | TUBULAR

Ø1-3/8" suspended adjustable LED luminaire, remote driver

bartco
VISIONS BROUGHT TO LIGHT™

Project: _____   Type: _____

FEATURES

Part of the Tubular series of LED luminaires, the BSS502 is a remote driven, cable suspended model for general lighting applications. The Ø1-3/8" extruded aluminum fixture housing is supported on the ends with machined aluminum cable couplers. An adjustment range of 341° enables aperture rotation for direct, indirect and wall wash lighting. The BSS502 is fitted with 90+ CRI LEDs and is available with a Lambertian or asymmetric lens optic.

SPECIFICATIONS

Fixture constructed of an extruded aluminum housing, frosted acrylic extruded lens, sheet aluminum end caps and machined aluminum couplers

Standard finishes as shown below

Available in nominal cable centers of 2'–8' for single fixtures and continuous runs

Fixture housing rotates 341° on end cap mounted, machined aluminum couplers

Included standard remote 120-277V driver offered with 0-10V dimming or non-dim (other dimming driver options available)

Remote mounted emergency battery backup available (ordered separately, consult factory for details)

Extruded acrylic lens options available for Lambertian or asymmetric light distributions

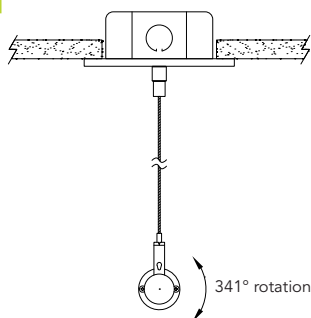Standard outputs range from 400 to 535 lumens per foot, dependent on optic

LEDs available in 2700K, 3000K, 3500K, and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical
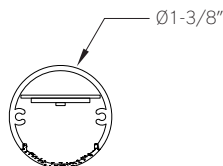
Life: 50,000 hours L_{70}

Limited five year warranty

UL and C-UL listed for dry and damp locations

PROFILE

SECTION

Ø1-3/8"

341° rotation

PERFORMANCE

Note: All data reflects fixtures with 3500K LEDs

NOMINAL LENGTH	OPTIC OPTION	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	Lambertian	L: low	400	3.9	1675	102
		R: regular	520	5.6	2175	92
	Asymmetric	L: low	415	3.9	1735	106
		R: regular	535	5.6	2253	96

BSS502 -

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

NOMINAL CABLE CENTER DISTANCE*

25: 25-1/4"	62: 61-15/16"
29: 28-15/16"	66: 65-9/16"
33: 32-9/16"	69: 69-1/4"
36: 36-1/4"	73: 72-15/16"
40: 39-15/16"	77: 76-9/16"
44: 43-9/16"	80: 80-1/4"
47: 47-1/4"	84: 83-15/16"
51: 50-15/16"	88: 87-9/16"
55: 54-9/16"	91: 91-1/4"
58: 58-1/4"	95: 94-15/16"

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

* Actual dimension dependent on run configuration

CORRELATED COLOR TEMPERATURE

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

DRIVER

ND: non-dimming

[Dimming]

DM: 0-10V, 1%

HES: Lutron EcoSystem, soft-on fade-to-black, 1%

H2: Lutron Hi-lume 2-wire foward phase, 1%, (120V ONLY)

EL: eldoLED ECOdrive 0-10V, 1%

ES: eldoLED SOLOdrive 0-10V, 0.1%

ELD: eldoLED ECOdrive DALI, 1%

ESD: eldoLED SOLOdrive DALI, 0.1%

LIGHT OUTPUT
(lumens per foot w/optic option L)

L: low – 400
R: regular – 520
CF: consult factory for custom output

OPTIC

L: Lambertian distribution
A: asymmetric distribution

MOUNT

C4: 4' cable length
C8: 8' cable length
CF: consult factory for custom mounting

RUN CONFIGURATION

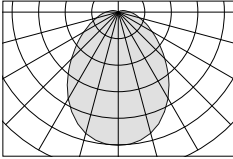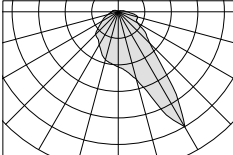SN: single
ST: starter
AD: adder
TR: terminator

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

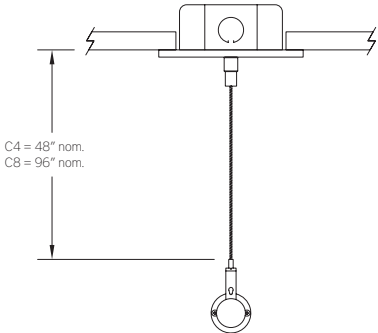SA: satin anodize (may require additional lead time)

OPTIC OPTION

	ORDERING CODE	DESCRIPTION
	L	Lambertian light distribution
	A	Asymmetric light distribution

MOUNTING

	ORDERING CODE	DESCRIPTION
	C4 and C8	CABLE MOUNT

C4 = 48" nom.
C8 = 96" nom.

CABLE MOUNT

Mounting option includes:
- Ø 1/16"x 48" (C4) or 96" (C8) aircraft cables
- 60" (C4) or 108" (C8) power cable (in coordinating finish)
- Bracket bars
- Ø 5" white canopies
- Ceiling couplers
- Side exit cable grippers

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CABLE CENTER DIMENSIONS

ORDERING CODE	LENGTH A	LENGTH B	ORDERING CODE	LENGTH A	LENGTH B
25	25-1/4"	24-3/4"	62	61-15/16"	61-7/16"
29	28-15/16"	28-7/16"	66	65-9/16"	65-1/16"
33	32-9/16"	32-1/16"	69	69-1/4"	68-3/4"
36	36-1/4"	35-3/4"	73	72-15/16"	72-7/16"
40	39-15/16"	39-7/16"	77	76-9/16"	76-1/16"
44	43-9/16"	43-1/16"	80	80-1/4"	79-3/4"
47	47-1/4"	46-3/4"	84	83-15/16"	83-7/16"
51	50-15/16"	50-7/16"	88	87-9/16"	87-1/16"
55	54-9/16"	54-1/16"	91	91-1/4"	90-3/4"
58	58-1/4"	57-3/4"	95	94-15/16"	94-7/16"

RUN CONFIGURATION INFORMATION

ORDERING CODE	DESCRIPTION
SN	Single
ST	Starter
AD	Adder
TR	Terminator

RUN INFORMATION

Side View - Single Fixture Option

To remote driver

Low voltage power cable

1-1/2"

SN
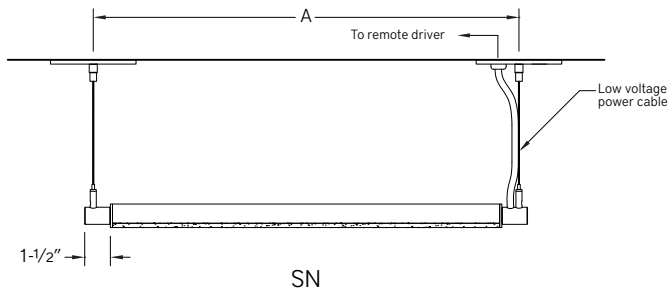
Side View - Continuous Option

To remote driver

1-1/2"   1-1/2"

ST   AD   TR