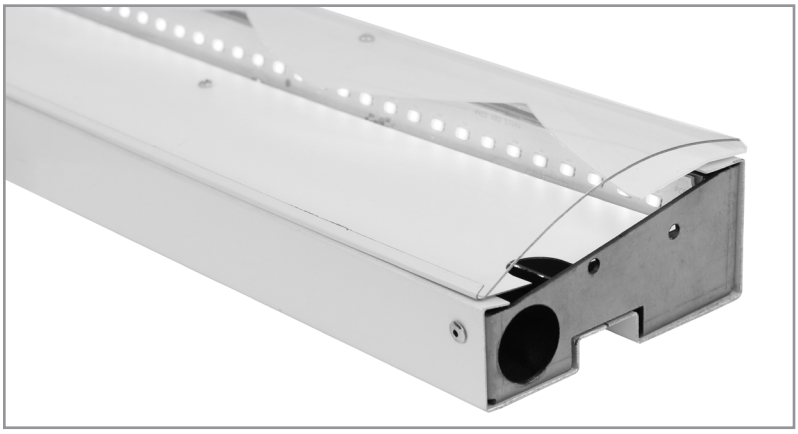
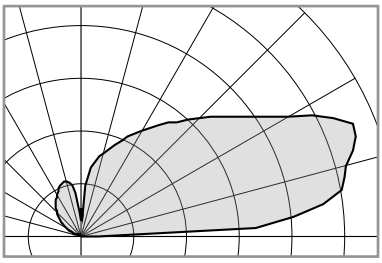
BSS121A | Cove

Asymmetric LED luminaire for use in manufactured cove systems, high lumen output

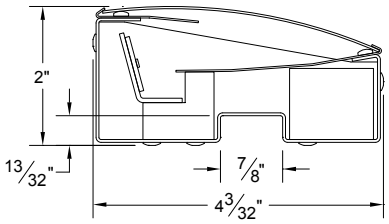
bartco
VISIONS BROUGHT TO LIGHT™

Project: _____ Type: _____





SECTION



PERFORMANCE

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4′	L: low	1000	12.8	3700	79
	R: regular	1200	15.6	4424	77

Note: All data reflects fixtures with 3500K LEDs

FEATURES

The BSS121A is a shallow profile LED luminaire with high performance asymmetric light distribution and high lumen output, designed to integrate with a manufactured cove system (consult factory for compatibility details). The heavy gauge, sheet formed housing is fitted with a primary and saw-tooth reflector to produce a smooth, uniform gradient light across the ceiling plane. A clear dust cover shields the reflector system and 90+ CRI LED modules.

SPECIFICATIONS

Fixture housing constructed of formed and riveted, pre-painted 20 gauge aluminum and heavy gauge steel sheet end caps.

The fixture housing is proportioned and formed to integrate with a manufactured cove system (consult factory for compatibility details).

The multi-reflector optic system is formed from aluminum with finishes of up to 96% reflectance.

Includes a clear acrylic dust cover.

Available in nominal lengths of 2′, 3′, 4′ and 5′.

Fixtures provided with 18 ga. wiring harness for 6 Amp maximum load (consult factory for runs requiring multiple circuits, sensor integration, etc.).

Standard integral 120V-277V driver offered with 0-10V dimming or non-dim (other dimming driver options available).

Integral 120-277V emergency battery backup available for 4′ nominal non-dim or 0-10V (consult factory for all other lengths/drivers).

Standard outputs are 1000 and 1200 lumens per foot.

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

A supplemental optic blending film is provided for fixtures that terminate at a perpendicular wall.

Life: 50,000 hours L_{70}.

UL and C-UL listed for dry and damp locations.

Limited five year warranty.

CERTIFIED · Made in USA · BAA Compliant

BSS121A -

FIXTURE LENGTH
22: 22-1/4″
33: 33-1/4″
44: 44-1/4″
55: 55-1/4″

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

DRIVER
ND: non-dimming

[Dimming]

D: 0-10V, 1%

DTR: triac, 1%, (120V ONLY)

DLV: electronic low voltage, 1%, (120V ONLY)

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

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)
L: low – 1000

R: regular – 1200

CF: consult factory for custom output

OPTIONS
ED: emergency driver (see details section on page 2)

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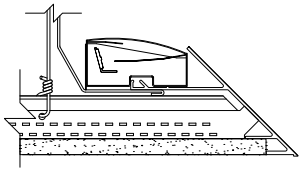
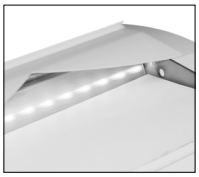
OPTIONS

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	ED	EMERGENCY LED DRIVER	• Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes. • Available for 4′ nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers). • Provided with combination test switch/ indicator light for remote mount installation.

MOUNTING

	DESCRIPTION
	• Fixture housing engages with an aligning feature within the cove system. NOTE: A minimum distance of 10″ is suggested from the top of the fixture to the ceiling surface for best blending of light.

ACCESSORY

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	BSS120-DF	END OF RUN DIFFUSION FILM	• 8″ long piece of diffusion film blends and softens the light distribution on the end wall surfaces.

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