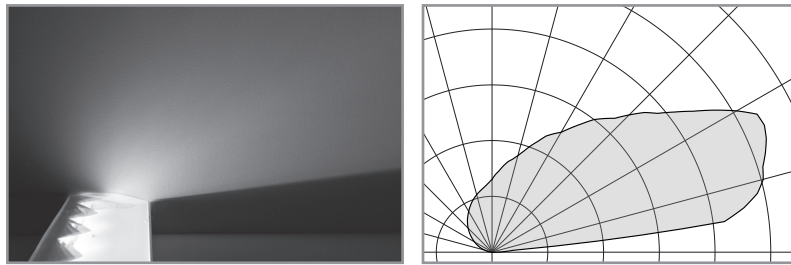


BSS120A | Cove

Asymmetric LED luminaire for use in manufactured cove systems



Project: _____ Type: _____



FEATURES

The BSS120A is a shallow profile LED luminaire with high performance asymmetric light distribution, 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 sheet 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 445, 680 and 785 lumens per foot

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

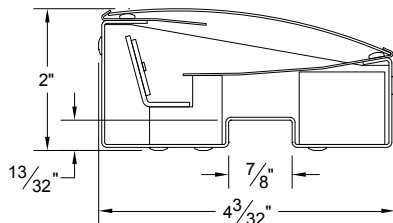
A supplemental optic blending film is provided for fixtures that terminate at a perpendicular wall

Life: 50,000 hours L₇₀

UL and C-UL listed for dry and damp locations

Limited five year warranty

SECTION



PERFORMANCE

| NOMINAL LENGTH | OUTPUT | LUMENS/ft. | WATTS/ft. | LUMINAIRE LUMENS | EFFICACY (LPW) |
|----------------|------------|------------|-----------|------------------|----------------|
| 4' | L: low | 445 | 5.6 | 1641 | 79 |
| | R: regular | 600 | 7.9 | 2211 | 76 |
| | H: high | 785 | 11.0 | 2896 | 72 |

Note: All data reflects fixture with 3500K LEDs



BSS120A -

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]
DM: 0-10V, 1%
HES: Lutron EcoSystem, soft-on/fade-to-black, 1%
H2: Lutron Hi-lume 2-wire forward 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)

L: low – 445
R: regular – 600
H: high – 785
CF: consult factory for custom output

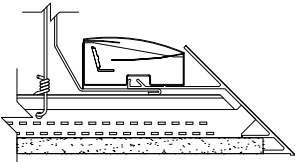
OPTIONS

ED: emergency driver (4' non-dim or 0-10V only)

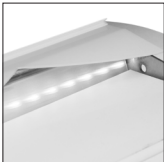
OPTIONS

| | ORDERING CODE | DESCRIPTION | SPECIFICATIONS |
|---|---------------|----------------------|--|
|  | ED | EMERGENCY LED DRIVER | <ul style="list-style-type: none"> • 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 mounted to wall plate for remote installation |

MOUNTING

| | DESCRIPTION |
|--|--|
|  | Fixture housing engages with an aligning feature within the cove system. |

ACCESSORY

| | ORDERING CODE | DESCRIPTION | SPECIFICATIONS |
|---|---------------|---------------------------|--|
|  | BSS120-DF | End of run diffusion film | <ul style="list-style-type: none"> • 8" long piece of diffusion film blends and softens the light distribution on the end wall surfaces |