

DATE: _____ TYPE: _____ PROJECT: _____ CUSTOMER: _____



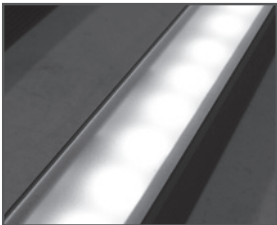
Line Voltage Linear LED Strip Fixture

Dimmable solid color line voltage fixture fabricated with a variety of options. The Boca HPNLS-LO is a small profile fixture well suited for many lighting situations where both space and locating transformers are concerns. This line voltage version eliminates the need for secondary transformers, making installation contractor friendly. Boca's CleanDim® technology ensures even dimming from 0-100%. The HPNLS-LO can be fabricated with a range of optics and color temperature choices, affording a multitude of distribution and effect options. The housing is anodized aluminum with a durable finish making it weather and abrasion resistant. It is UL Listed for dry, steam, damp or wet locations (model dependent).

KEY FEATURES:

- Compact, variable light fixture for dry, damp or wet location use
- Fixture comes in 6" increments (12" minimum).
- Many options in optics, color temperature and accessories.
- Three different types of lenses.
- Uses standard low voltage dimmers.
- Fixtures are compatible with both forward and reverse phase dimming 0-10V, DMX dimmable.
- Clear anodized aluminum or black finish, check factory for availability.
- Contact Boca Flasher for tips with custom installations.
- Total linear feet per 20A breaker: 150 ft. @ 120V or 330 ft. @ 277V (LO6), 128 ft. @ 120V or 280 ft. @ 277V (Lo8).
- Total linear feet per 15A breaker: 112 ft. @ 120V or 240 ft. @ 277V (LO6), 96 ft. @ 120V or 210 ft. @ 277V (LO8).

LENS OPTIONS:

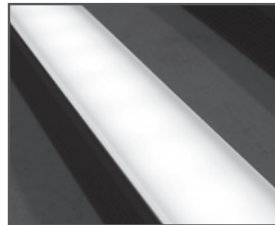


Diffused*

Key Features:

- Interior or exterior use.
- Lens is 1/8" (.09) thick, adds 1/16" to overall height of fixture. Call factory for more information.
- 87% transmission.
- To specify add "D" in lens box.

*Additional charges apply.



Satin Ice White*

Key Features:

- Interior use only.
- Best for direct view use.
- Lens is 1/4" (.25) thick, adds 1/8" to overall height of fixture. Call factory for more information.
- 42% transmission.
- To specify add "SI" in lens box.

*Additional charges apply.

TECHNICAL SPECIFICATIONS:

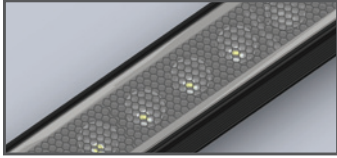
WATTAGE: 8 or 10 watts per linear ft.	TOTAL HEIGHT: Not including clip 1.75"
INPUT VOLTAGE: 90-120VAC or 230-277 VAC	MOUNTING: Fixed, swivel, 3" arc or 6" arc
CONTROL: Leading-edge/Trailing-edge line dimming, 0-10V	COLOR OPTIONS: 2700K, 3000K, 3500K, 4000K, 5000K, amber, red, green, blue.
POWER CABLE: UL standard 6 ft.	OPTICS AVAILABLE: 10°, 30°, 60°, 10°x60°, 30°x 60°, 120°
LED SPACING: 2" on center for Lo6 1.5" on center for Lo8	RATING: IP65, IP68
LENGTH: 12"-96", in 6" increments.	COLOR RENDERING INDEX (CRI): 90 + CRI
TOTAL WIDTH: 1.68"	

PROJECT SPECIFICATIONS:

HPNLS	—	—	—	—	—
WATTAGE: Lo6 = 6 LEDs (8 watts a Lft) Lo8 = 8 LEDs (10 watts a Lft)	COLOR OPTION: 2700K, 3000K, 3500K, 4000K, 5000K, amber, red, green, blue	OPTIC: 10°, 30°, 60°, 10° x 60°, 30° x 60°, 120°	VOLTAGE: 90-120VAC = 120V 230-277VAC = 277V		
FINISH: Clear Anodized Aluminum = A Black = B	LOCATION: Interior = I Exterior (IP65) = E Wet (IP68) = W	MOUNTING: Fixed = F Swivel = S 3" Arc Swivel = 3Arc 6" Arc Swivel = 6Arc	LENS: Clear = C Diffused Lens = D Satin Ice White = SI* *Interior Use Only	OPTIONS: Hexcel Louver = HL* Square Baffle = SB Slanted Baffle = SSB Kicker Baffle = SKB *Cannot be used with Satin Ice White or 120° optic	

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BAFFLE:

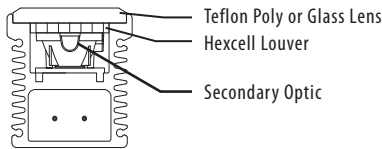


Hexcell Louver

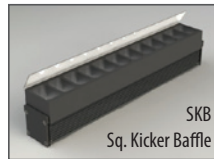
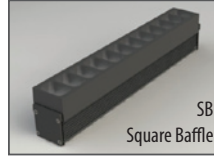
Key Features:

- Economical solution to off axis glare issues.
- Louver is located flush to secondary optic, preventing unwanted striation.
- Louver cannot be utilized when no optic (120°) is specified.
- Louver is behind lens to ensure no damage is done during installation or after. This also ensures no dust build-up.
- Louver ships pre-fitted making on site fixture installation easy.
- No unsightly clips, screws, or brackets.
- Can be used with other baffles.
- Adds nothing to overall height.
- To specify add **"HL"** in options box.

Diagram:



*Additional charges may apply.



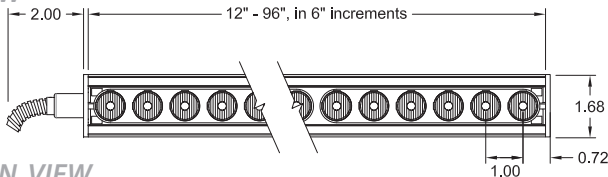
Baffle Square Design

Key Features:

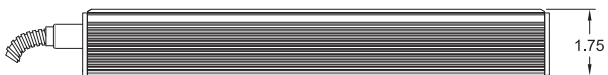
- Design cuts off light at 90°
- Baffles are lightweight black PVC with non-reflective surfaces to avoid glare from interior sections.
- One piece baffle slides onto the extruded housing making installation easy.
- Minimal profile size increases - consult factory for more information.
- SB only adds .75" to overall height
- SSB adds .90" to overall height
- SKB adds 1.625" to overall height
- To specify add **"SB"** or **"SSB"** for slanted version or **"SKB"** for kicker version in options box.

DIAGRAMS & DIMENSIONS:

PLAN VIEW

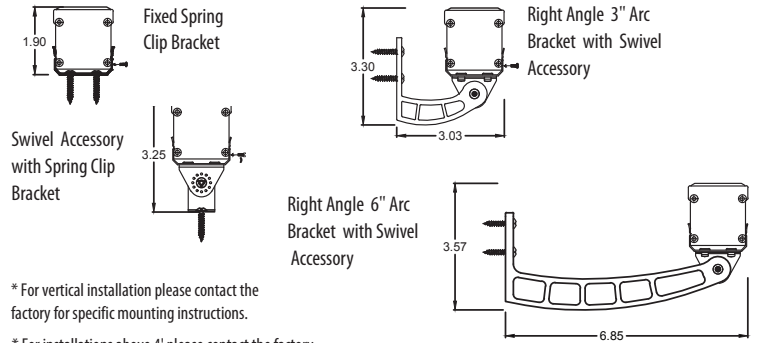


ELEVATION VIEW



*Fixture is shown with interior power feed

MOUNTING INFORMATION:

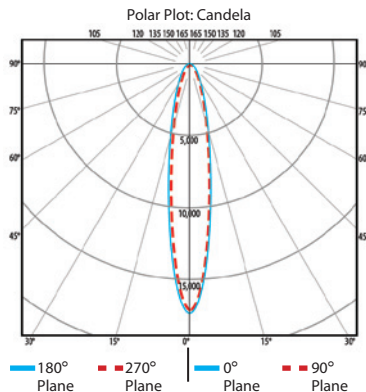


* For vertical installation please contact the factory for specific mounting instructions.

* For installations above 4' please contact the factory.

LUMINAIRE INFORMATION:

Candela Distribution



FIXTURE TYPE:
 3500°K, 24° optic, 120V, 12"

Total Lumen Output:
 372.2 Lumens per ft.

Luminaire Efficacy:
 39.3 Lumens per watt

For lux multiply fc by 10.76
 fc reading taken at 100% capacity
 (no dimming)

Center Beam Candle Power & Illumination Information

Distance	Foot Candles
2ft	312.5
3ft	138.9
4ft	78.1
5ft	50.0
6ft	34.7
7ft	25.5
8ft	19.5
9ft	15.4
10ft	12.5
12ft	8.7

Photometric information obtained 8-5-11 from LTL