

DATE:	TYPE:	PROJECT:	CUSTOMER:



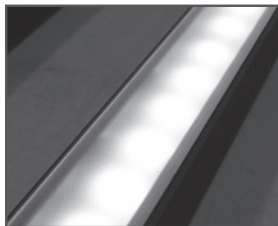
Line Voltage Linear LED Strip Fixture

Dimmable solid color line voltage fixture fabricated with a variety of options. The Boca HPNLS-HO is a high-output fixture well suited for many lighting situations where output is of concern. 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 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, damp or wet location (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.
- Multiple 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 standard.
- Contact Boca Flasher for tips with custom installations.
- Total linear feet per power feed: 40ft @ 120V.

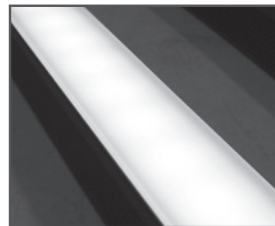
LENS OPTIONS:



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.



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.

TECHNICAL SPECIFICATIONS:

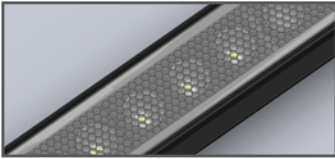
WATTAGE: 16 watts per linear ft.	MOUNTING: fixed, swivel, 3" arc or 6" arc
INPUT VOLTAGE: 90-120V, 230-227V	COLOR OPTIONS: 2700K, 3000K, 3500K, 4000K, 5000K, amber, red, green, blue
CONTROL: Leading-edge/Trailing-edge line dimmer 0-10V	OPTICS AVAILABLE: 10°, 30°, 60°, 10°x60°, 30°x60°, 120°
POWER CABLE: UL standard 6 ft.	RATING: IP65, IP68
LED SPACING: 1" on center	COLOR RENDERING INDEX (CRI): 90 + CRI
LENGTH: 12"-96", in 6" increments.	
TOTAL WIDTH: 1.68"	
TOTAL HEIGHT: Not including clip 1.75"	

PROJECT SPECIFICATIONS:

HPNLS	HO			
FINISH: Clear Anodized Aluminum = A Black = B	LOCATION: Interior = I Exterior (IP65) = E Wet (IP68) = W	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
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: Hexcell Louver = HL* Square Baffle = SB Slanted Baffle = SSB Kicker Baffle = SKB *Cannot be used with Satin Ice White lens or 120° optic		

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BAFFLE:

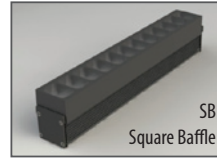
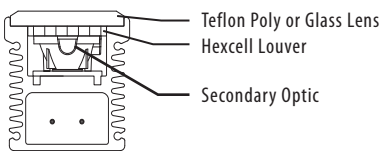


Hexcell Louver

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.

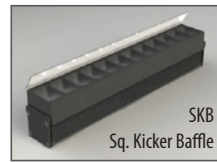
Diagram:



Baffle Square Design

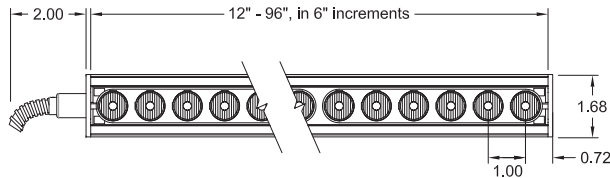
Key Features:

- 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.
- 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.

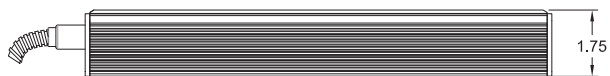


DIAGRAMS & DIMENSIONS:

PLAN VIEW

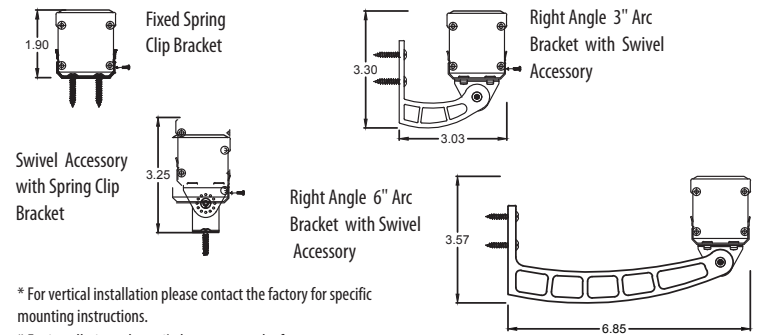


ELEVATION VIEW



*Fixture is shown with interior power feed.

MOUNTING INFORMATION:

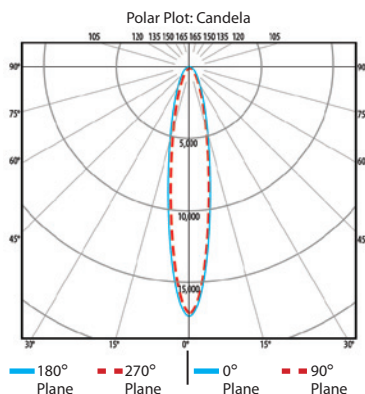


* For vertical installation please contact the factory for specific mounting instructions.

* For installations above 4' please contact the factory.

LUMINAIRE INFORMATION:

Candela Distribution



FIXTURE TYPE:
 3000°K, 10° optic, 120V, 48"

Total Lumen Output:
 077 Lumens for 4ft.

Luminaire Efficacy:
 45.4 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	4290.0
3ft	1906.6
4ft	1072.5
5ft	686.4
6ft	476.6
7ft	350.2
8ft	268.1
9ft	211.9
10ft	1716.0
12ft	119.2

Photometric information obtained 8-5-11 from LTL