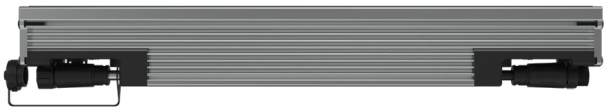
HPNLS-RT

Low Voltage Linear LED Strip Fixture

Customer: Date: Type:

Project:





Wattage	8W per linear ft.
Input Voltage	12-48 VAC
Control	Standard magnetic low voltage dimming - AC only. Forward/Reverse Phase Line Dimmer, 0-10V, DALI, DMX*
LED Spacing	1.5" on Center
Length	12", 18", 24", 36", 48", 96". Allow 1/4" for each end cap and 2" for power feed cable.
Total Height	1.75" (not including clip)
Total Width	1.68"
Color Options	2700K,3000K, 3500K, 4000K, 5000K, Amber, Red, Green, Blue
Mounting	Fixed, Swivel, 3" Arc or 6" Arc
Available Optics	10°x 10°, 30°x 30°, 60°x60°, 10°x30°, 10°x40°, 10°x60°, 30°x60°, 60°x10°, 120°x 120°
Rating	IP50, IP67, IP69K
CRI	90+ CRI
Power Cable	UL Standard 10 ft.
Finish	Black, White, Grey
Materials	Anodized Aluminum
Custom	Contact Factory
Dimming	Patented CleanDim® Technology ensures even dimming from 0-100%.
Max Run	Voltage Dependent (Class 2 Limited)

KEY FEATURES:

- 8W per linear foot with 12–48VAC input.
- Patented CleanDim® Technology delivers even dimming from 0–100%.
- Supports magnetic low-voltage, phase, 0–10V, DALI and DMX dimming.

** Military spec available under special request-lead times may be impacted.

PRODUCT SPECIFICATIONS:

PRODUCT	COLOR OPTION	VOLTAGE	OPTIC	FINISH	LOCATION	MOUNTING	LENS	OPTIONS
HPNLS-RT								
	2700K **3000K** **3500K** **4000K** **5000K** **Amber** **Red** **Green** **Blue**	**120V** **277V** *Fixture is 12-48VAC *If ordering 17VDC fixture, note here and contact factory	**10°x10°** **30°x30°** **60°x60°** **10°x30°** **10°x40°** **10°x60°** **30°x60°** **60°x10°** **120°x120°**	**W** White **B** Black **G** Gray	**I** Interior-IP50 **E** Exterior-IP67 **N** Natatorium* **K** IP69K-Extreme Enviroment	**F** Fixed **S** Swivel **H** Hinge **3Arc** 3" Arc Swivel **6Arc** 6" Arc Swivel **V** Vandal Proof Clip	**C** Clear **D** Diffused **SI** Satin Ice (Interior Use Only) **OW** Opal White (Exterior Use Only)	**SB** Square Baffle **ASYM** Asymmetric Baffle **SKB** Kicker Baffle **HL** Hexcell Louver* *Cannot be used with Satin Ice White or 120° optic

Boca Lighting and Controls · www.Boca.Lighting · Phone: 561-989-5338 · Fax: 561-982-8323

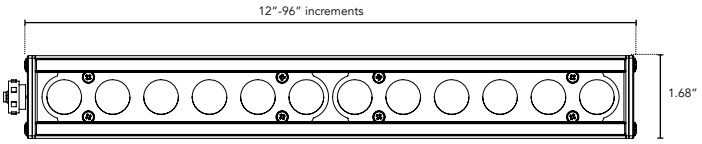
We are constantly improving our fixtures and reserve the right to change options and specifications. For specific requirements, contact your Boca Lighting and Controls sales representative. This product complies with IES LM-79-08 testing procedures and relevant standards. All products proudly manufactured in the USA. All rights reserved. All names and trademarks are property of their respective owners. © 2024 Boca Lighting and Controls

HPNLS-RT

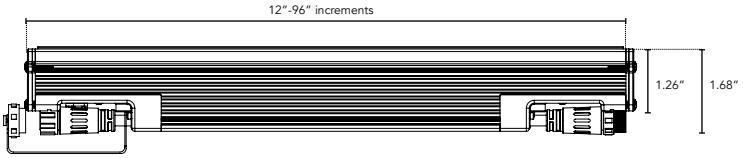
Line Voltage Linear LED Strip Fixture

DIMENSIONS:

For vertical installation and installations above 4’ please contact the factory for specific mounting instructions.



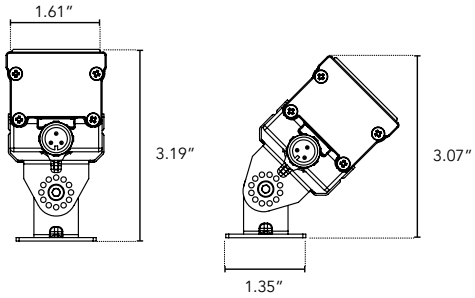
Plan View



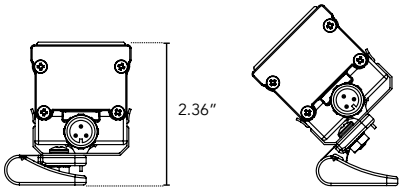
Elevation View

MOUNTING INFORMATION:

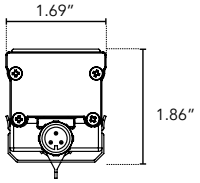
Note: Fixtures 1-2ft, Place clips 3” from edge as shown. Fixtures more than 2ft., Place clips 3.5” from edges as shown.



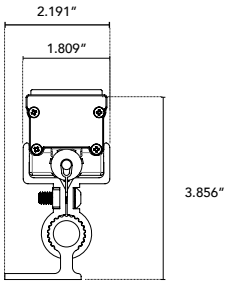
Swivel



Hinge



Fixed



Vandal Resistant

LENS OPTIONS:

DIFFUSED GLASS

- 87% transmission
- Lens is 1/8” (.09) thick, adds 1/16” to overall height of fixture
- Additional charges apply

SATIN ICE

- Best for direct view use. Interior use only.
- 42% transmission
- Lens is 1/4” (.25) thick, adds 1/8” to overall height of fixture
- Additional charges apply

BAFFLE DETAILS:



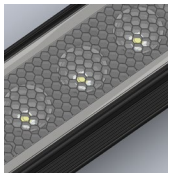
SB



ASYM



SKB



HL

BAFFLE SQUARE - SB, ASYM, SKB

The design cuts off light at 90°, utilizing lightweight black PVC with non-reflective surfaces to avoid glare from interior sections. A one-piece baffle slides onto the extruded housing. The SB only adds 0.75” to the overall height, the ASYM adds 0.90” to the overall height, and the SKB adds 1.625” to the overall height.

HEXCELL LOUVER - HL

The louver cannot be utilized when no optic (120°) is specified. It is located flush to the secondary optic, preventing unwanted striation, and is positioned behind the lens to ensure no damage occurs during installation or afterward, also preventing dust build-up. The louver ships pre-fitted, making on-site fixture installation easy, with no unsightly clips, screws, or brackets. It can be used with other baffles and adds nothing to the overall height. Additional charges may apply.

Boca Lighting and Controls · www.Boca.Lighting · Phone: 561-989-5338 · Fax: 561-982-8323

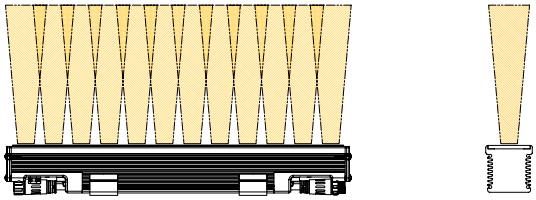
We are constantly improving our fixtures and reserve the right to change options and specifications. For specific requirements, contact your Boca Lighting and Controls sales representative. This product complies with IES LM-79-08 testing procedures and relevant standards. All products proudly manufactured in the USA. All rights reserved. All names and trademarks are property of their respective owners. © 2024 Boca Lighting and Controls

REV11242026

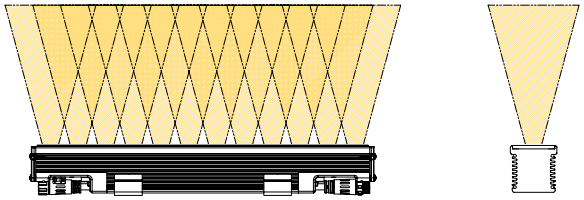
HPNLS-RT

Line Voltage Linear LED Strip Fixture

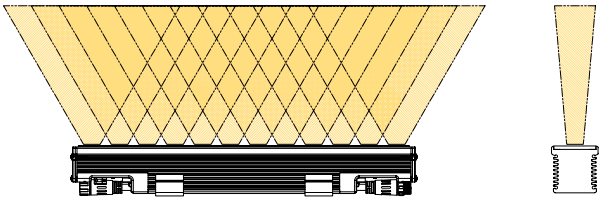
OPTICS



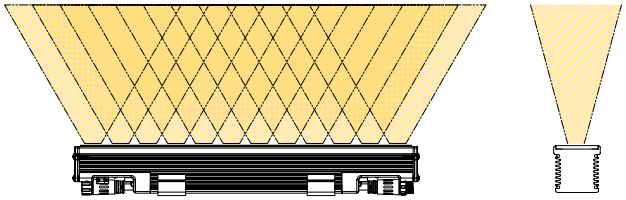
10°x10°



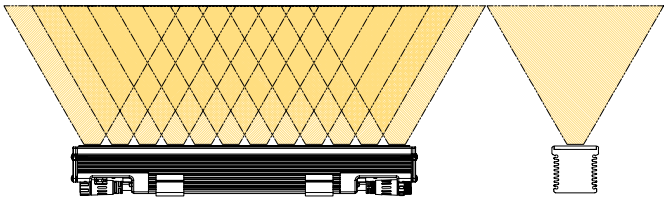
30°x30°



10°x60°



30°x60°



60°x60°

Boca Lighting and Controls · www.Boca.Lighting · Phone: 561-989-5338 · Fax: 561-982-8323

We are constantly improving our fixtures and reserve the right to change options and specifications. For specific requirements, contact your Boca Lighting and Controls sales representative. This product complies with IES LM-79-08 testing procedures and relevant standards. All products proudly manufactured in the USA. All rights reserved. All names and trademarks are property of their respective owners. © 2024 Boca Lighting and Controls