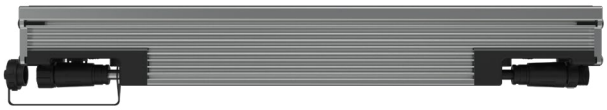
HPNLS-LO

Line Voltage Linear LED Strip Fixture

Customer: Date: Type:

Project:





Wattage	5W, 8W, or 10W per linear ft.
Input Voltage	90-120V, 230-277V
Control	Forward/Reverse Phase Line Dimmer 0-10V, DMX*
LED Spacing	1.5" on Center
Length	12", 18", 24", 36", 48", 96"
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, Hinge, 3" Arc, 6" Arc or Vandal Resistant
Available Optics	10°x10°, 30°x30°, 60°x60°, 10°x30°, 10°x40°, 10°x60°, 30°x60°, 60°x10°, 120°x120°
Rating	IP50, IP67, IP69K
CRI	90+ CRI
Power Cable	UL Standard 10 ft.
Finish	Black, White, Grey
Material	Anodized Aluminum
Custom	Contact Factory
Dimming	Patented CleanDim® Technology ensures even dimming from 0-100%.

KEY FEATURES:

- Available in 5W, 8W or 10W per linear foot.
- Patented CleanDim® Technology delivers even dimming from 0–100%.
- IP50, IP67 and IP69K configurations with multiple optic options.

*Uses Boca SDS Module for 0-10V, DALI, or DMX Dimming.
** Military spec available under special request-lead times may be impacted.

PRODUCT SPECIFICATIONS:

PRODUCT	WATTAGE	COLOR OPTION	VOLTAGE	OPTIC	FINISH	LOCATION	MOUNTING	LENS	OPTIONS
HPNLS-LO	8W								
	LO8 5W/FT **LO8** 8W/FT **LO8** 10W/FT	**2700K** **3000K** **3500K** **4000K** **5000K** **Amber** **Red** **Green** **Blue**	**120V** **277V**	**10°x10°** **30°x30°** **60°x60°** **10°x30°** **10°x40°** **10°x60°** **30°x60°** **60°x10°** **120°x 120°**	**W** White **B** Black **G** Gray	**I** Interior-IP50 **E** Exterior-IP67 **N** Natatorium* **K** IP69K-Extreme Enviroment *Chromate Conversion with Marine Grade Powder Coat-IP67. Extra Charges may apply.	**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) **OP** Opal White	**SB** Square Baffle **ASYM** Asymmetric Baffle **SKB** Kicker Baffle **HL** Hexcell Louver* *Cannot be used with Satin Ice White or 120° optic

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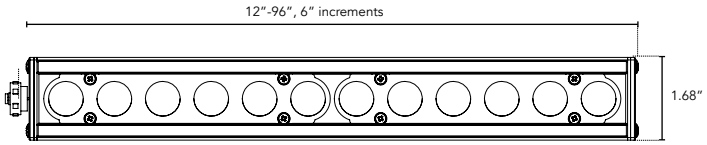
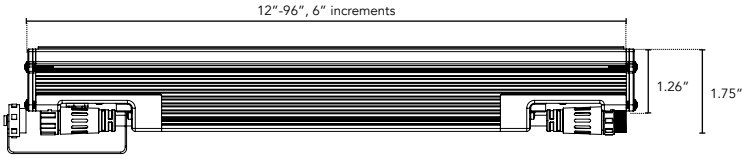
DIMENSIONS:

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



Plan View

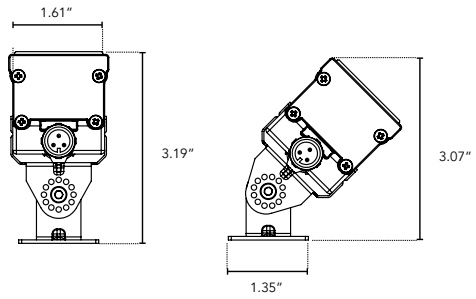


Elevation View

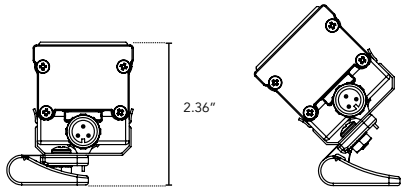
MOUNTING INFORMATION:

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

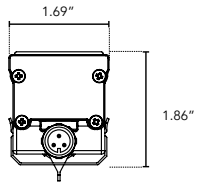
Swivel



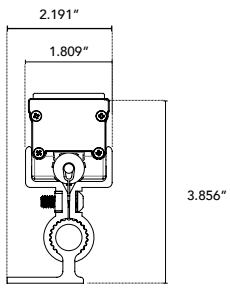
Hinge



Fixed



Vandal Resistant



LENS OPTIONS:

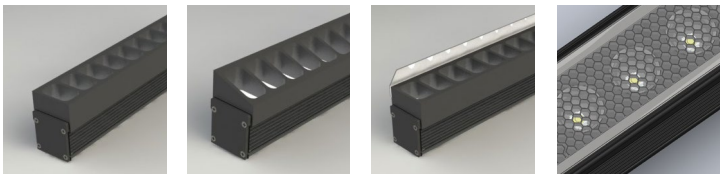
DIFFUSED GLASS

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

SATIN ICE WHITE

- 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.

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REV11242026

HPNLS-LO

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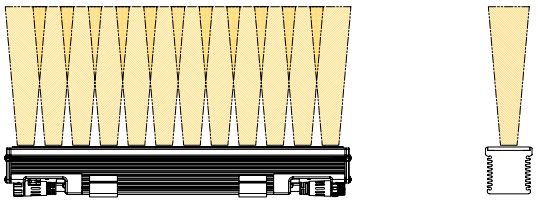
LUMINAIRE INFORMATION:

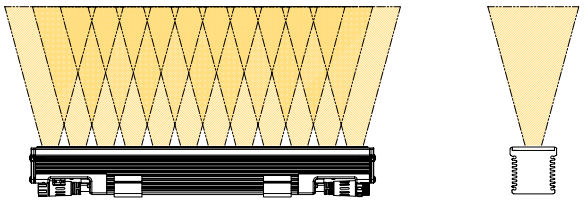
Fixture Type	3500°K, 30x60° Optic, 120V, 12"	**CIE Type**	Direct
Lumens Per Lamp	936 (1 lamp)	**Spacing Criterion (0-180)**	0.58
Total Lamp Lumens	936	**Spacing Criterion (90-270)**	0.62
Luminaire Lumens	936	**Spacing Criterion (Diagonal)**	0.60
Total Luminaire Efficiency	100%	**Basic Luminous Shape**	Rectangular
Lumen Efficacy Rating	94	**Luminous Length (0-180)**	0.31m
Total Luminaire Watts	10.02	**Luminous Width (90-270)**	0.04m
Ballast Factor	1.00	**Luminous Height**	0.05m

Lo8 Data - 10W for 6W use 0.65 multiplier
Specific Files Available On Request

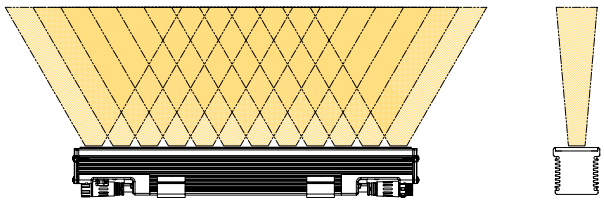
OPTICS



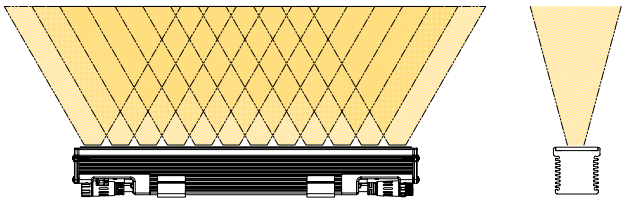
10°x10°



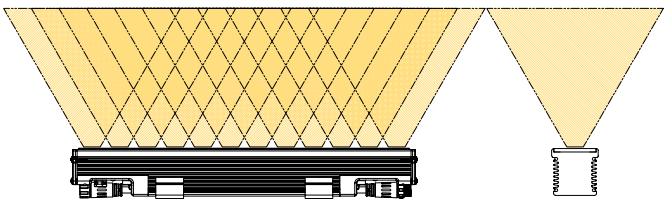
30°x30°



10°x60°



30°x60°



60°x60°

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