SMART DIMMER 0-10V

Boca Dimmer Family: 0-10 Volt

boca LIGHTING | CONTROLS

Customer:

Date:

Type:

Project:

The Boca Flasher SMART Dimmer 0-10V provides an interface with a dimming protocol of 0-10 volts. Our patent pending technology changes the paradigm of lighting control. With the ease of a switch, the 10 Volt Dimmer enables the luminaires and controls toevenly dim with precise configuration with no flickering. It's perfect for Boca Flasher LED systems such as the Boca HPNLS, HPNFC, NANOLUME and many other Boca Flasher LED lighting products. Our patented technology (PAT# US 11,470,697 B2) changes the paradigm of lighting control.
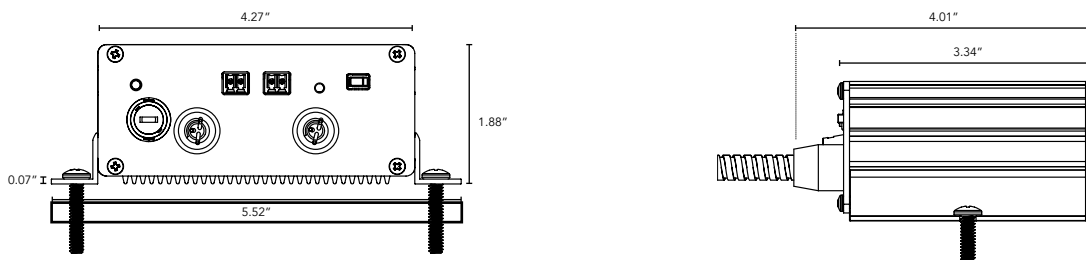
· Used for Boca Flasher's single color products.
· Anodized aluminum housing.
· Easy Installation.
· Contact Boca Flasher for use with OEM fixture needs.
· Contact Boca Flasher for DALI or DMX options
· Uses Micro-Step technology for a high-resolution dimming.
· Special Dimming curve programmed to match Human eye light intensity response and contrast sensitivity.

IP50   ETL LISTED us   MADE IN THE USA

PRODUCT SPECIFICATIONS:

	INPUT/OUTPUT PORT	VOLTAGE	DIMMING	WIRING
Smart Dimmer	0-10V	120V - 277V		
			TE Trailing Edge	**EP** Edison Plug
			LE Leading Edge	**HW** Hard Wired

DIMENSIONS:

Elevation View

4.27"

1.88"

0.07"

5.52"

4.01"

3.34"

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TECHNICAL SPECIFICATIONS:

INPUT VOLTAGE	120V-277VAC
INPUT PORT	0-10V
OUTPUT PORT	0-10V
FREQUENCY	60HZ
TOTAL WIDTH	5.5"
TOTAL HEIGHT	2.0"
MAX LOAD	750-1300W (Voltage Dependent)
HOUSING LENGTH	4.25"
LENGTH WITH MOUNTING	5.5"
DIMMING CONTROL	Trailing Edge or Leading Edge upon request
MOUNTING	Brackets w/ Screw Optional
POWER CABLE	UL Standard 10 ft.
RATING	ETL
MODE	0-10V
ENVIRONMENTAL	Operating temperature--40°F-140°F Ambient(-40°C-60°C)** Storage temperature -40°F-140°F Ambient indoor fixtures operation limited to =<50% relative humidity
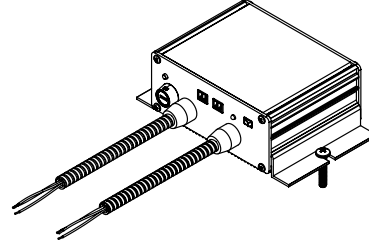
* Military spec available under special request-lead times may be impacted.

MOUNTING INFORMATION:

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MATRIX:

CONTROLS / **FIXTURES**

Fixtures \ Controls	SDS10V	SDS-DMX	NDI-10V	NDT-10V	N-RFO	NanoRouter	NanoRouter-X	WA5	Monolink-W10V	MonoBoost	MonoDMXTX	PDMX-C
NanoHD	●	●	●		●	●	●		●			
NanoWarmDim	●	●	●		●	●	●		●			
NanoLume	●	●	●		●	●	●		●			
NanoX	●	●	●		●	●	●		●			
HPNFC-HO	●	●										
HPNLS-HO	●	●										
HPNLS-LO	●	●										
Lumeline	●	●										
Niche-HV	●	●										
SBL-MC	●	●										
NanoMix						●	●					
HPNLS-MIX						●	●					
Tri-Light HV						●	●					
NanoTune				●	●	●	●					
HPCCS						●	●	●		●	●	●
HPFB						●	●	●		●	●	●
SBL-MIX						●	●	●		●	●	●
N-RFO						●	●	●		●	●	●
NanoRouter						●	●	●		●	●	●
NanoRouter-X						●	●	●		●	●	●
Monolink-W10V						●	●	●		●	●	●
MonoBoost						●	●	●		●	●	●
WA5												●
SDS-DMX						●	●	●		●	●	●
SDS-10V									●			

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