



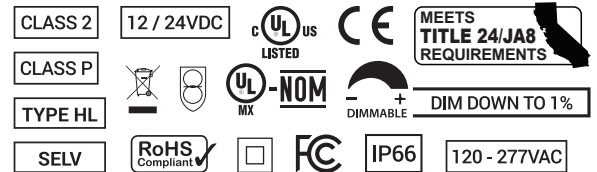
Constant Voltage 0-10 Dimmable LED Driver

The KLUŠ Constant Voltage Driver is an electronic Class 2, 0-10V dimmable LED driver with an integrated junction box, making it the perfect choice for tape lighting, tube lighting, linear lighting and multiple other commercial lighting applications. The UL enclosure is rated IP66 for indoor or outdoor installations and includes a separate input and output wiring compartment, each with three 7/8" knockouts for easy installation. The driver features hiccup mode, over current and short circuit protection, as well as an efficiency over >84% resulting in low operating case temperature. This driver is dimmable down to 1% with a 0-10V dimmer.



UL Enclosure with Integrated Junction Box
(12.1" L x 2.36" W x 1.40" H)

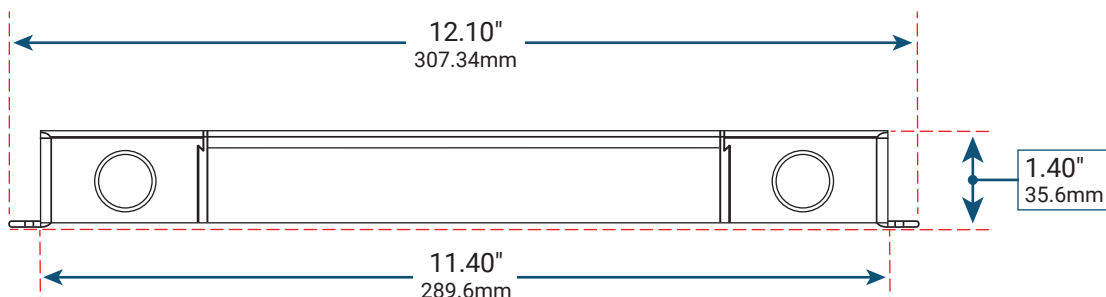
- Installation:** Has an integrated junction box with multiple 7/8" knockouts
Driver Type: Class 2 Single Channel
Dimming: 0-10V Dimmable Down to 1%
Input Voltage: Universal 120VAC to 277VAC, 50/60Hz
Output Voltage: 12VDC & 24VDC
IP Rating: IP66
Listing: Available in UL Listed, Class P, Type HL
Certifications: UL8750, UL2043 Plenum Rated
Warranty: 5-Year



Ordering Guide

Part #	Maximum Power	Output	Dimming	Dimensions
010-30-24	30 Watt Max	24VDC	0-10V Dimming	Length: 12.10" (307.34mm) Width: 2.36" (59.94mm) Height: 1.40" (35.6mm)
010-60-24	60 Watt Max	24VDC	0-10V Dimming	
010-96-24	96 Watt Max	24VDC	0-10V Dimming	
010-50-12	50 Watt Max	12VDC	0-10V Dimming	

Integrated Junction Box (Drawing Not to Scale)

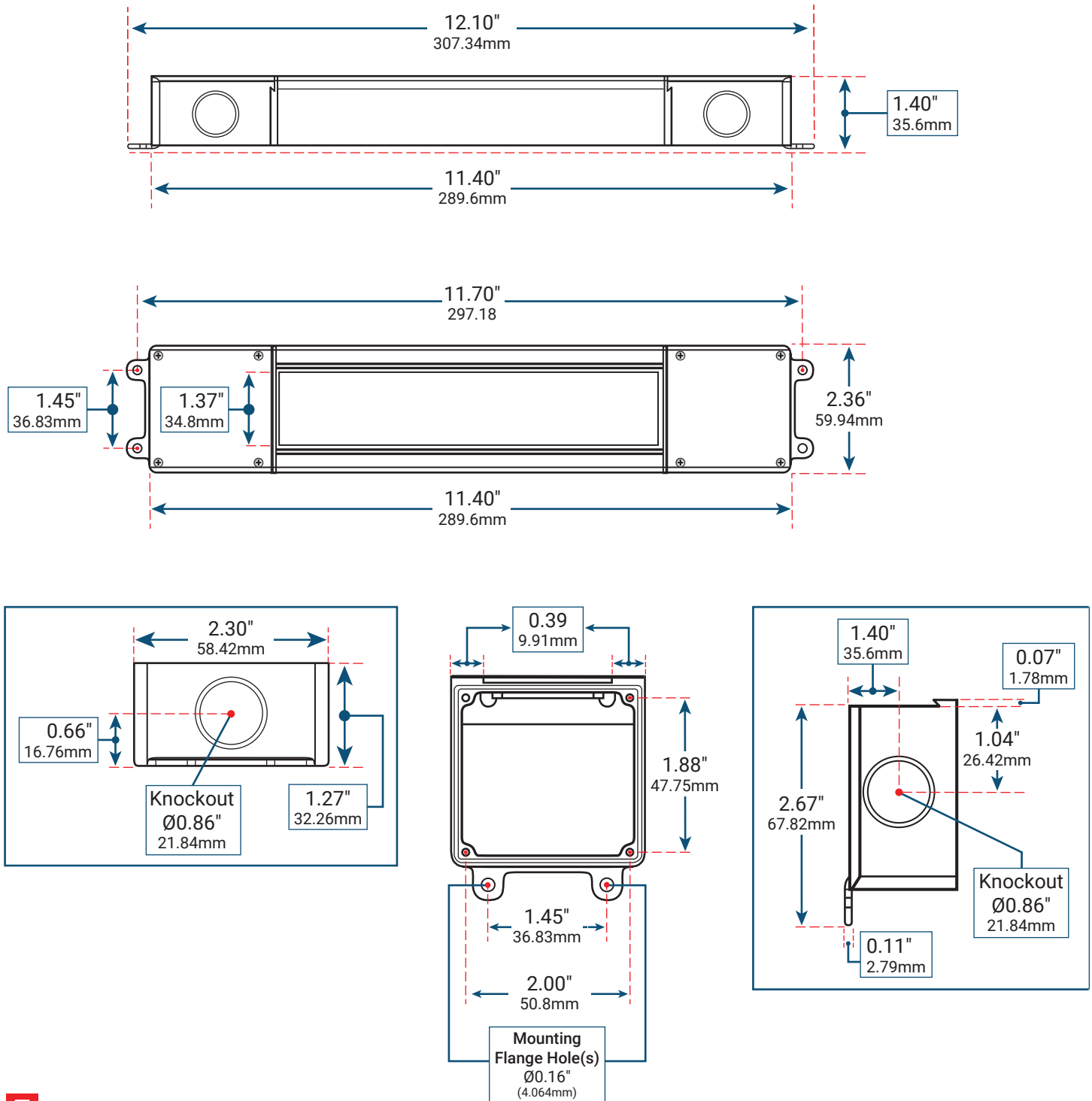


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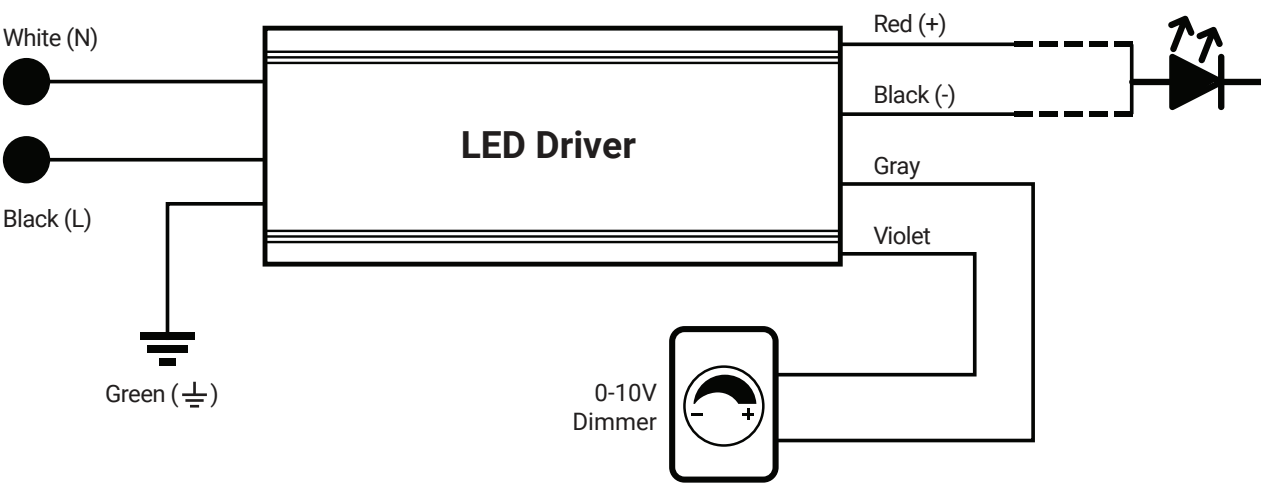
Specifications

Part Numbers:	010-30-24V	010-50-12V	010-60-24V	010-96-24V
Input				
Input Voltage Range	120 - 277VAC $\pm$ 10%			
Input Frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
Input Current	0.96A Max	0.96A Max	0.96A Max	0.96A Max
Inrush Current	5A Max@120VAC 30A Max@277VAC	5A Max@120VAC 30A Max@277VAC	5A Max@120VAC 30A Max@277VAC	5A Max@120VAC 30A Max@277VAC
Efficiency	> 84% Max	> 80% Max	> 84% Max	> 84% Max
Power Factor	> 0.91	> 0.95	> 0.95	> 0.95
THD	< 20%	< 20%	< 20%	< 20%
Output				
Output Voltage	24VDC	12VDC	24VDC	24VDC
Max Load	30W	50W	60W	96W
Output Current @ Max Load	1.3A	4.2A	2.6A	4.1A
Output Ripple	< 3%	< 3%	< 3%	< 3%
Line Regulation	< 2%	< 2%	< 2%	< 2%
Load Regulation	< 3%	< 5%	< 3%	< 3%
Turn-On Delay Time	< 0.3 Sec	< 0.3 Sec	< 0.3 Sec	< 0.3 Sec
Environmental				
Env. Protection Rating	IP66	IP66	IP66	IP66
Ambient Operating Temp.	-25°C - +40°C (-13°F - 104°F)	-25°C - +40°C (-13°F - 104°F)	-25°C - +40°C (-13°F - 104°F)	-25°C - +40°C (-13°F - 104°F)
Max Case Temp. (Tcase)	80°C (176°F)	80°C (176°F)	80°C (176°F)	80°C (176°F)
Storage Temperature	-40°C - +85°C (-40°F - 185°F)	-40°C - +85°C (-40°F - 185°F)	-40°C - +85°C (-40°F - 185°F)	-40°C - +85°C (-40°F - 185°F)
Expected Lifetime	50k hours (>65°C) Tc	50k hours (>65°C) Tc	50k hours (>65°C) Tc	50k hours (>65°C) Tc
Audible Noise	<24dB Class A	<24dB Class A	<24dB Class A	<24dB Class A
Dimming (Dimming Models Only)				
Dimming Control	0 - 10V	0 - 10V	0 - 10V	0 - 10V
Minimum Dimming Level	1%	1%	1%	1%
Dimming Curves	Linear	Linear	Linear	Linear
Current Consumption	0.2mA Max Source/Sinc	0.2mA Max Source/Sinc	0.2mA Max Source/Sinc	0.2mA Max Source/Sinc
Protection				
Over Current Protection	Yes	Yes	Yes	Yes
Over Voltage Protection	Yes	Yes	Yes	Yes
Over Temp. Protection	Yes/Hiccup Mode	Yes/Hiccup Mode	Yes/Hiccup Mode	Yes/Hiccup Mode
Over Load Protection	Yes/Current Limit	Yes/Current Limit	Yes/Current Limit	Yes/Current Limit
Short Circuit Protection	Yes/Current Limit	Yes/Current Limit	Yes/Current Limit	Yes/Current Limit

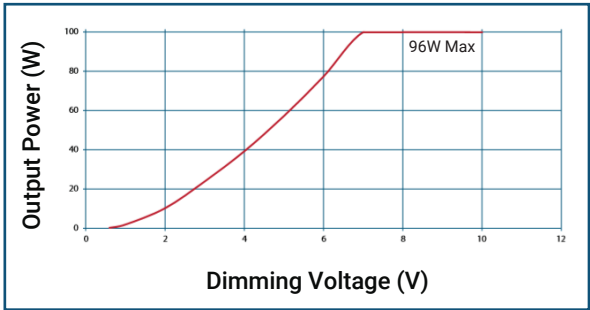
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Dimming Curve



Compatible 0-10V Dimmers

Dimming	Part Number
Lutron	Diva - DVTV
Lutron	Diva - NFTV
Lutron	Nova T - NTFTV
Leviton	Illumitech - IP7
Watt Stopper	DCLV1
Lightolier Controls	ZP600FAM120
Philips	Sunrise - SR1200ZTUNV