

XRD Series

12VDC Super Compact Phase Cut Dimmable Class 2, J-Box LED Driver

12V
DC

Dimmable

UL
LISTED
CLASS 2

Features

- Most compact dimmable junction box driver on the market
- Dimmable with TRIAC, MLV, or ELV dimmers (leading or trailing edge)
- Works seamlessly with COB tape lights
- Flicker-free dimming down to 1%
- No minimum load required
- Full load capable – no derating needed
- 89% efficiency at full load
- UL Listed – Class 2 compliant

Dimming

Dimming Protocol:	TRIAC / MLV / ELV
Min. Dimming Level:	1%
Dim to Off:	Yes
Dimming Curve:	Linear

Built-In
JBox

Specifications

Input XRD-40W-12VDC

Input Voltage Range:	115VAC +/- 3%
Input Frequency:	60Hz
Input Current:	1.2A max
Efficiency:	89%

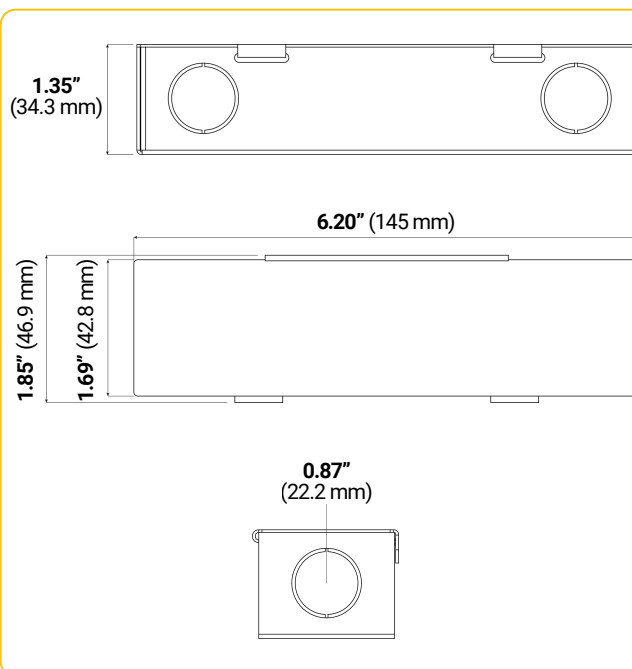
Output

Output Voltage:	12VDC
Maximum Load:	40W
Output Current @ Max Load:	3.3A

Enclosure

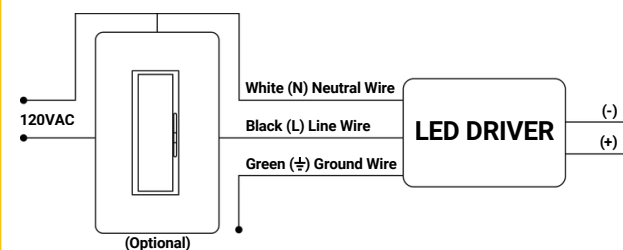
Dimensions:	6.20" x 1.85" x 1.35"
Material:	Sheet Metal
Finish:	Black Powder Coat
Connection type:	Lead Wire / J-box
Weight:	0.9lbs

Mechanical Overview



Wiring Diagrams

ELV



TRIAC / MLV

