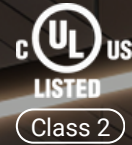


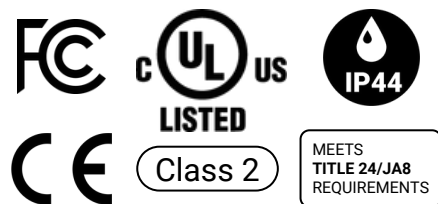
PicoDrive Series

96W CV Class 2 Non-Dimmable LED Driver



PicoDrive Series

96W CV Class 2 Non-Dimmable LED Driver



Features

- Delivers 96W Class 2 power directly in LED Channels-no remote drivers required
- Ultra-compact aluminum case design
- Compatible with low-voltage PWM controllers
- Compliant to California Title 24 / JA8 requirements
- Universal 120-277VAC Input Voltage
- 92% efficiency @ full-load
- UL Class 2, UL Class P
- IP44 rated
- 6-year warranty



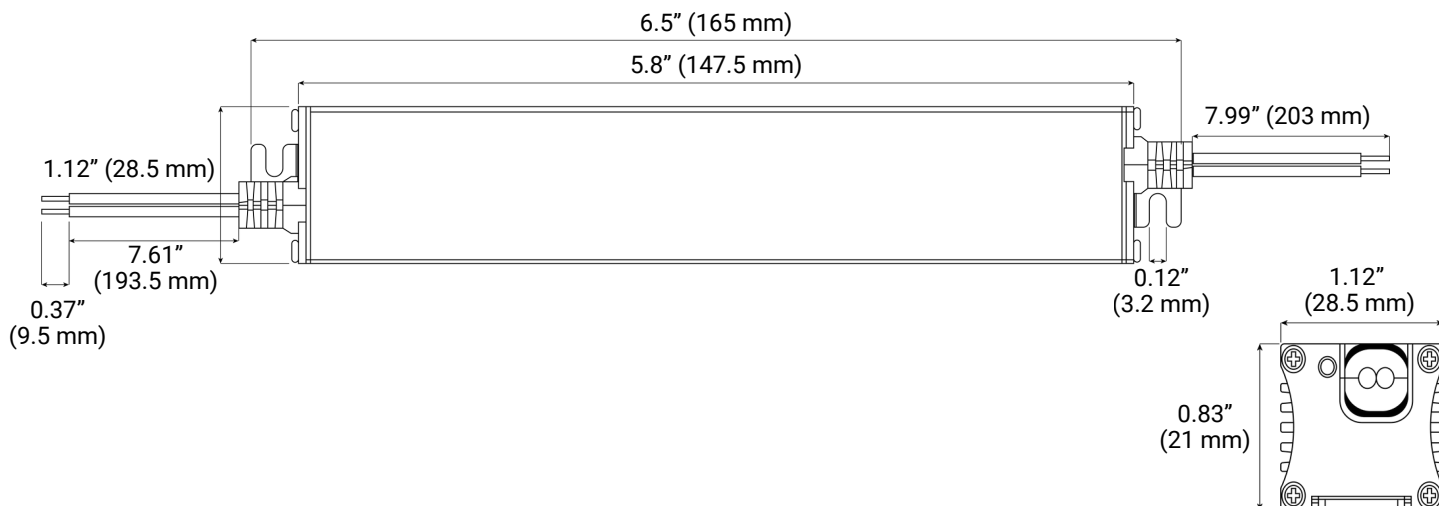
Enclosure

Dimensions:	6.5" x 1.12" x 0.83" (L*W*H)
Material:	Aluminum
Finish:	Black/Silver Anodized
Connection type:	Lead wire
Weight:	0.28lbs

Applications

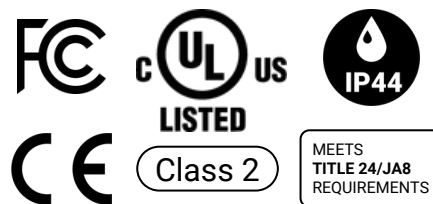
- LED strip
- LED tape
- Cove lights
- Linear lights
- Puck lights

Mechanical Overview



PicoDrive Series

96W CV Class 2 Non-Dimmable
LED Driver



Specifications

Input	Ordering Code:	Pico-96W-24VDC	Pico-96W-48VDC
Input Voltage Range:		120-277VAC	120-277VAC
Input Frequency:		50-60Hz	50-60Hz
Input Current:		1.1A Max	1.1A Max
Inrush Current:		Meets NEMA-410 Reqs	Meets NEMA-410 Reqs
Efficiency:		>92%	>92%
Power Factor:		>0.9	>0.9
THD:		<20%	<20%

Output

Output Voltage:	24VDC	48VDC
Maximum Power:	96W	96W
Output Current @ Max Load:	4A	2A
Output Ripple (Peak-to-Peak):	≤5%	≤5%
Turn on delay time:	<0.5s	<0.5s

Environmental

Operating Ambient Temp.:	-40°F - 104°F (-40°C - 40°C)	-40°F - 104°F (-40°C - 40°C)
Max Case Temp (UL):	+90°C	+90°C
Case Temp (Warranty):	+70°C	+70°C
Ingress Protection (IP):	IP44	IP44

Protection

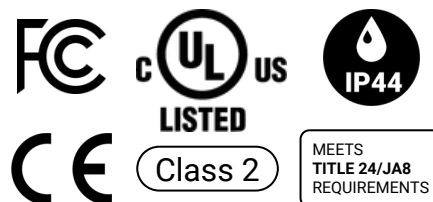
Over Load Protection:	Hiccup Mode, Auto Recovery	Hiccup Mode, Auto Recovery
Over Voltage Protection:	Hiccup Mode, Auto Recovery	Hiccup Mode, Auto Recovery
Short Circuit Protection:	Hiccup Mode, Auto Recovery	Hiccup Mode, Auto Recovery

Safety and Electromagnetic Compatibility

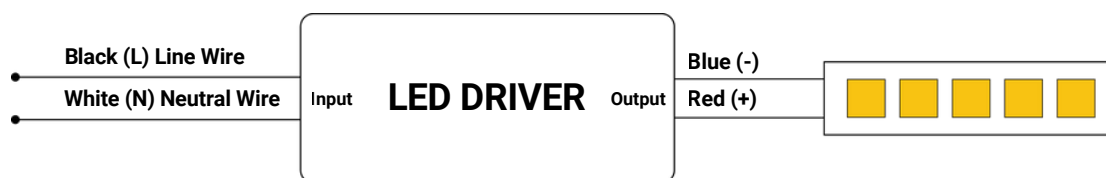
Certifications:	UL, cUL, FCC
Safety Standards:	UL8750 listed Class P; CAN/CSA C22.2 No. 250.13-14 LED equipment for lighting applications;
EMI:	Compliant with FCC CFR Title 47 Part 15 Class B at 120 Vac & Class A at 277 VAC;
EMS:	EN 61000-4-2; Performance Criteria B EN 61000-4-5; Performance Criteria C

PicoDrive Series

96W CV Class 2 Non-Dimmable
LED Driver

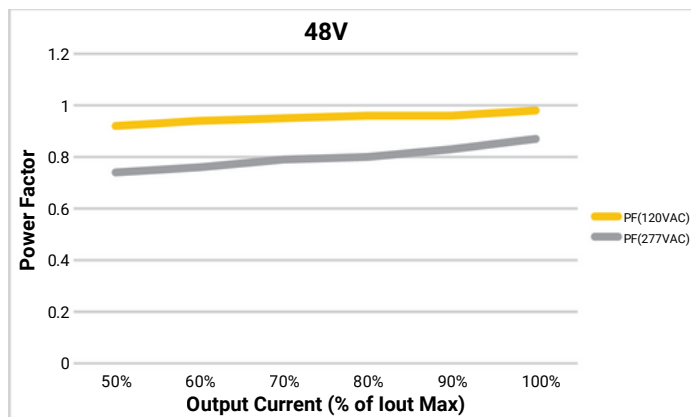
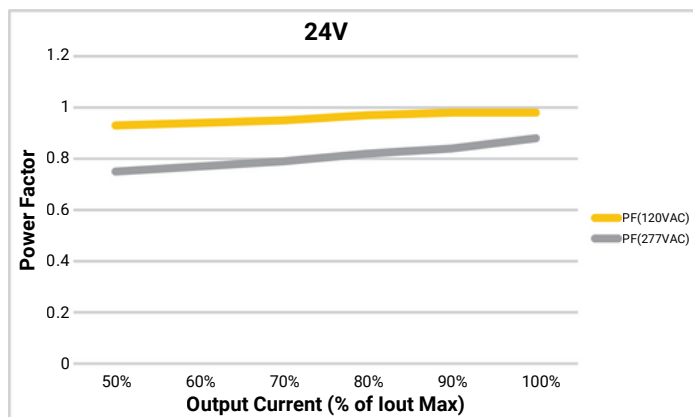


Wiring Diagrams



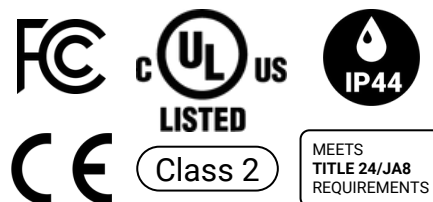
Performance Curves

PF Curve

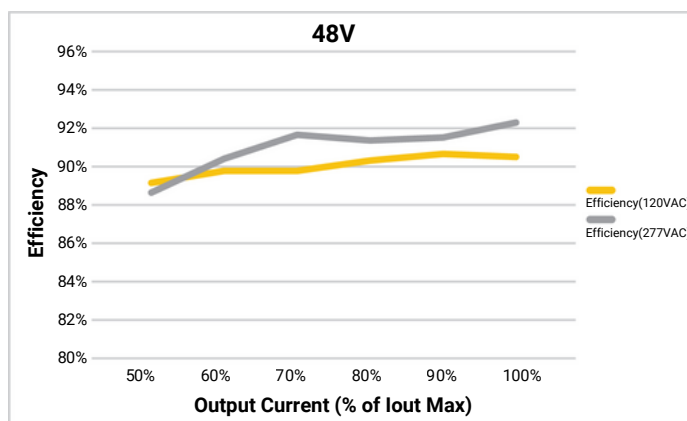
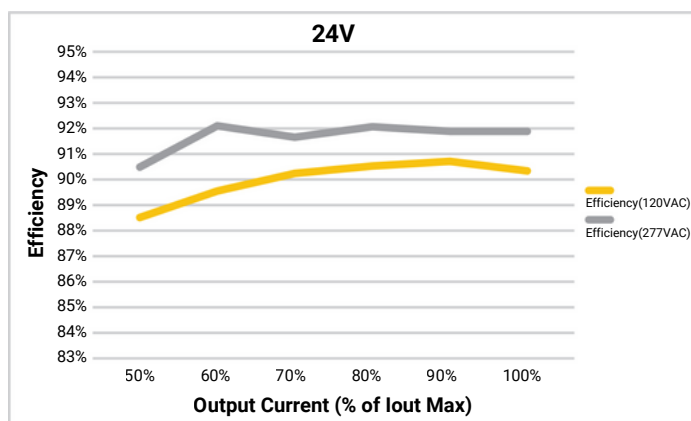


PicoDrive Series

96W CV Class 2 Non-Dimmable
LED Driver



Efficiency Curve



Driver Lifetime vs. Case Temperature

