



WE DRIVE LIGHT

Distributed by
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MinDrive 60

Specification Sheet

Mini Electronic Constant Voltage
Forward/Reverse Phase* Dimmable LED Driver

120V

12VDC

24VDC

CLASS 2



Key Features

- Meets FCC Limits for Consumer Devices
- Easy to conceal compact design
- Fits in single gang switch box
- QR Code for quick access to compatible dimmers
- UL Recognized
- 90% efficiency with low operating temperature

Specification Overview

- Forward Phase (TRIAC), Reverse Phase (ELV)*
- 120VAC 60Hz input
- Constant Voltage 12VDC or 24VDC output
- 60W output power
- Short Circuit & Over Load protection
- UL8750, Class 2, FCC Part 15 Class B
- IP20 dry or damp location
- 5-year warranty

ORDERING INFORMATION

Model		Wattage		Listing		Output	
SMD		60		R			
SMD	MinDrive	60	60W	R	UL Recognized	12DC	12VDC
						24DC	24VDC

* Driver designed for Reverse Phase (ELV) but is also compatible with some Forward Phase (TRIAC) dimmers. (Please see MinDrive 60 Dimmer Compatibility List at magnitudeinc.com for further information.)

Inspired LED P/N

12V 60W - SKU 8571

24V 60W - SKU 8572

STD	HD	COB
✓	<5W/FT	<5W/FT
Tape Compatibility Chart		

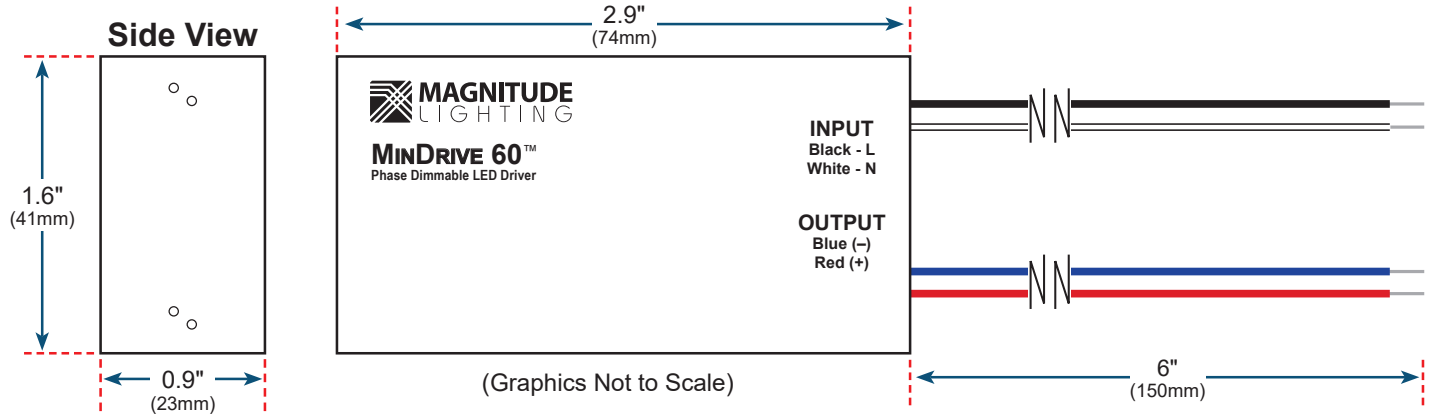
ENCLOSURE DETAILS

Dimensions	Material	Finish	Environmental
2.9" W x 1.6" H x 0.9" D (74mm x 41mm x 23mm)	Aluminum	Black	Dry or Damp

SPECIFICATIONS

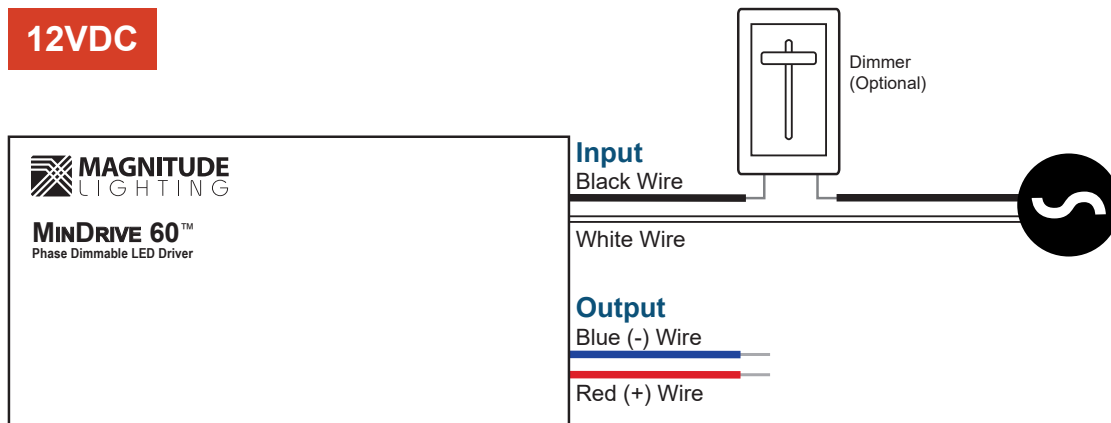
Input	
Input Voltage Range	120VAC $\pm 10\%$
Input Frequency	60Hz
Input Current	0.56A @ 120V
Efficiency	>90% @120V
Power Factor	>0.90
Output	
Output Voltage	12VDC or 24VDC
Max Load	60W
Output Current @ Maximum Load	5.0A (12VDC) 2.5A (24VDC)
Minimum Load Without Dimmer	1W
Minimum Load Using Dimmer	5W
Turn On Delay Time	< 0.5 sec
Environmental	
Ambient Operating Temperature	-30°C to 40°C / (-22°F to 104°F)
Maximum Case Temp. (Tcase)	90°C (194°F)
Storage Temperature	-40°C to +85°C / (-40°F to 185°F)
Enclosure	IP20
Expected Lifetime	$\geq 50,000$ hrs @Tc $\leq 60^\circ\text{C}$
Dimming	
Dimming Style	Phase-Cut
Minimum Dimming Level	<5% (consult website for dimmer compatibility)
Minimum Load for Dimming	5W
Dimming Curve	Linear
Protection	
Over Current Protection	Yes
Overload Protection	Yes / Auto-Recovery
Short Circuit Protection	Yes
Approval & Certifications	
Listing	UL8750 Recognized, C22.2 No. 250.13
Certifications	Class 2
Compliance	Meets FCC Limits for Consumer Devices

▼ MECHANICAL DIAGRAMS ▼



▼ WIRING DIAGRAMS ▼

12VDC



24VDC

