



WE DRIVE LIGHT

Distributed by
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LinDrive Specification Sheet

Electronic Constant Voltage
Forward Phase Dimmable LED Driver

Key Features

- Forward Phase (TRIAC) Dimmable to 10%
- Easy to conceal compact white ABS case
- Integrated side feed terminal blocks
- Up to 90% efficiency with low operating temperature
- IP21 dry or damp location
- Meets CA Title 24 / JA8 requirements

Specification Overview

- 120VAC 50/60Hz input
- Constant Voltage 12VDC or 24VDC output
- 20W, 40W, or 60W power options
- Single Channel
- Short Circuit & Over Voltage protection
- ETL Listed to UL8750, Class 2
- 5-year warranty

ORDERING INFORMATION

Model		Wattage		Listing		Output	
SLT				L			
SLT	LinDrive	20	20W	L	ETL Listed	12DC	12VDC
		40	40W			24DC	24VDC
		60	60W				

Inspired LED P/N

12V 20W - SKU 3858

12V 40W - SKU 3842

12V 60W - SKU 8551

24V 20W - 3942

24V 40W - 3943

24V 60W - 8552

STD	HD	COB
✓	✓	✓

Tape Compatibility Chart

ENCLOSURE DETAILS

Dimensions	Material	Finish	Environmental
6.1" W x 0.8" H x 2.1" D (155mm x 21mm x 54mm)	ABS	White	Dry or Damp
7.0" W x 1.0" H x 2.4" D (178mm x 26mm x 61mm)			
7.5" W x 1.4" H x 2.4" D (190mm x 35mm x 61mm)			

120V

12VDC

24VDC

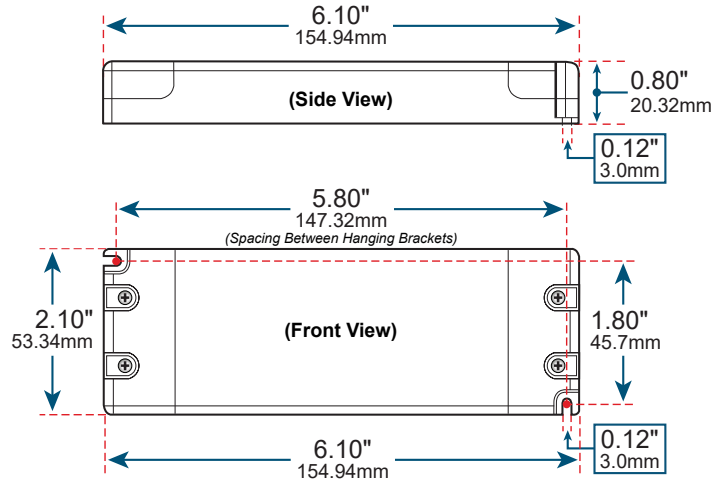
CLASS 2

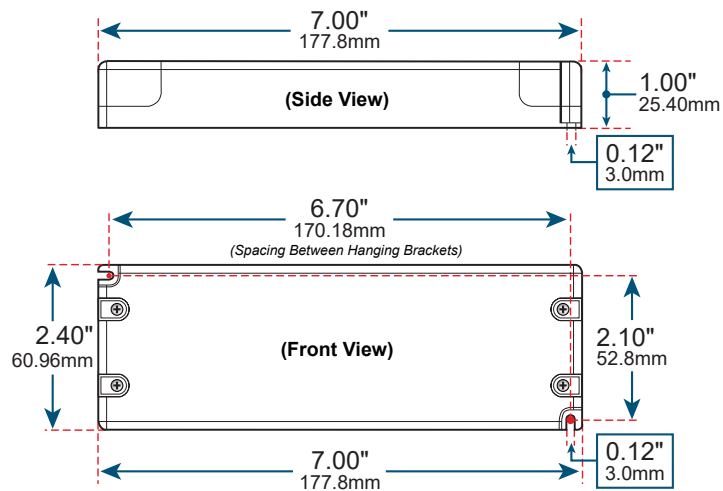


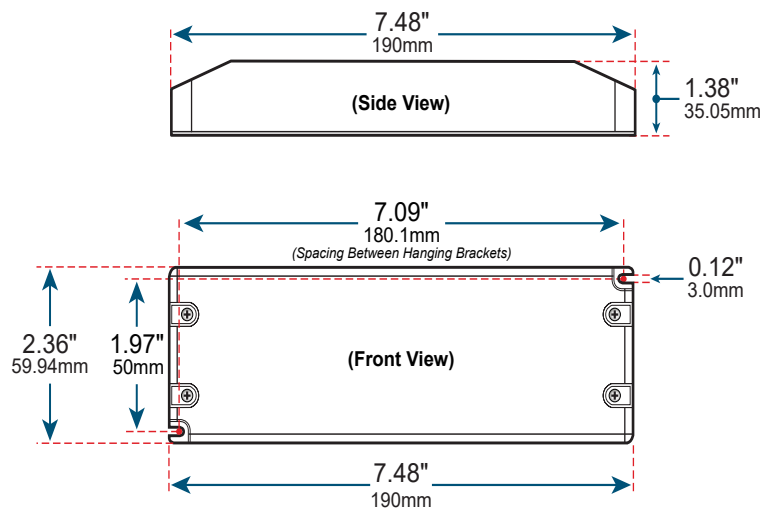
SPECIFICATIONS

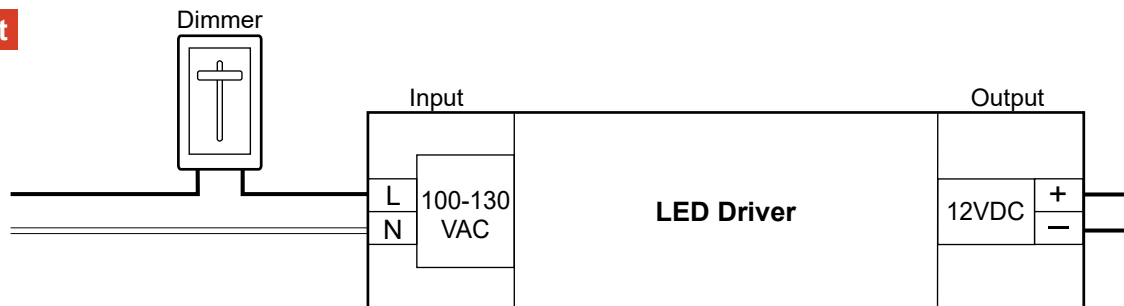
Input	20W	40W	60W
Input Voltage Range	100 to 130VAC	100 to 130VAC	100 to 130VAC
Input Frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz
Input Current	0.36A @ 120VAC (12VDC) 0.36A @ 120VAC (24VDC)	0.7A @ 120VAC (12VDC) 0.7A @ 120VAC (24VDC)	1.1A @ 120VAC (12VDC) 1.1A @ 120VAC (24VDC)
Efficiency	>82% (12VDC) >82% (24VDC)	>82% (12VDC) >82% (24VDC)	>85% (12VDC) >87% (24VDC)
Power Factor	>0.65	>0.65	>0.65
Output			
Output Voltage	12VDC or 24VDC	12VDC or 24VDC	12VDC or 24VDC
Maximum Load	20W	40W	60W
Minimum Load	1W	2W	3W
Output Current @ Max. Load	1.67A (12VDC) 0.83A (24VDC)	3.33A (12VDC) 1.67A (24VDC)	5.0A (12VDC) 2.5A (24VDC)
Output Dimming Method	Pulse Width Modulation (PWM)	Pulse Width Modulation (PWM)	Pulse Width Modulation (PWM)
Line Regulation	± 5%	± 5%	± 5%
Load Regulation	± 5%	± 5%	± 5%
Turn On Delay Time	< 0.5 sec	< 0.5 sec	< 0.5 sec
Environmental			
Protection Rating	IP21	IP21	IP21
Ambient Operating Temp.	-25°C to 40°C (-13°F to 104°F)	-25°C to 40°C (-13°F to 104°F)	-25°C to 40°C (-13°F to 104°F)
Maximum Case Temp. (Tcase)	85°C (185°F)	85°C (185°F)	90°C (194°F)
Storage Temperature	-40°C to 80°C (-40°C to 176°F)	-40°C to 80°C (-40°C to 176°F)	-40°C to 80°C (-40°C to 176°F)
Enclosure	ABS, White	ABS, White	ABS, White
Expected Lifetime	≥ 50,000 hrs @Tc ≤ 50°C	≥ 50,000 hrs @Tc ≤ 50°C	≥ 50,000 hrs @Tc ≤ 50°C
Dimming			
Dimming Style	Forward Phase (TRIAC)	Forward Phase (TRIAC)	Forward Phase (TRIAC)
Minimum Dimming Level	10%	10%	10%
Minimum Load for Dimming	1W	2W	3W
Dimming Curve	Linear	Linear	Linear
Protection			
Over Voltage Protection	Yes	Yes	Yes
Over Temperature Protection	Yes / Auto-Recovery	Yes / Auto-Recovery	Yes / Auto-Recovery
Overload Protection	Yes / Auto-Recovery	Yes / Auto-Recovery	Yes / Auto-Recovery
Short Circuit Protection	Yes / Auto-Recovery	Yes / Auto-Recovery	Yes / Auto-Recovery
Approval & Certifications			
Listing	All Models: ETL Listed to UL8750		
Certifications	All Models: Class 2 & Meets CA Title 24 / JA8 requirements		

MECHANICAL DIAGRAMS
LinDrive 20W

 SLT20L12DC
 SLT20L24DC

LinDrive 40W

 SLT40L12DC
 SLT40L24DC

LinDrive 60W

 SLT60L12DC
 SLT60L24DC


WIRING DIAGRAMS
12VDC Output

24VDC Output
