



WE DRIVE LIGHT

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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 |         |            |        |       |

|     |    |     |
|-----|----|-----|
| STD | HD | COB |
| ✓   | ✓  | ✓   |

Tape Compatibility Chart

### ENCLOSURE DETAILS

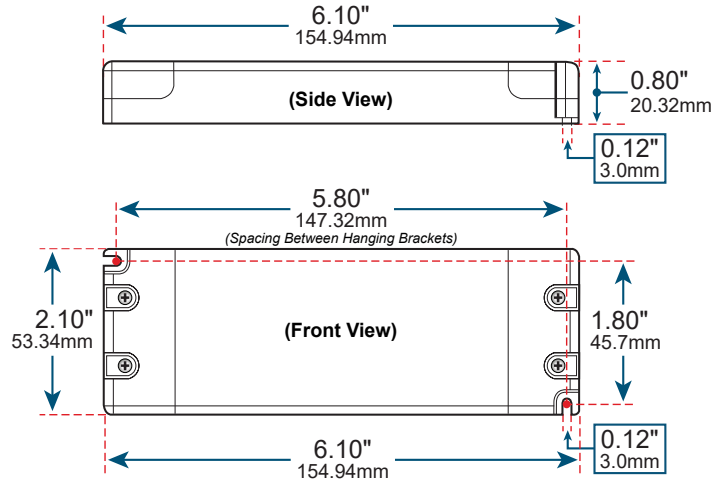
| Dimensions                                     | Material | Finish | Environmental |
|------------------------------------------------|----------|--------|---------------|
| 6.1" W x 0.8" H x 2.1" D (155mm x 21mm x 54mm) | ABS      | White  | Dry or Damp   |
| 7.0" W x 1.0" H x 2.4" D (178mm x 26mm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

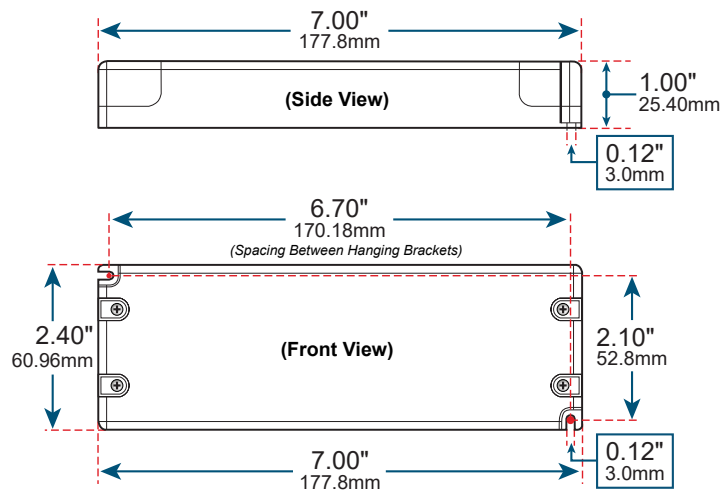
120V  
12VDC  
24VDC  
CLASS 2

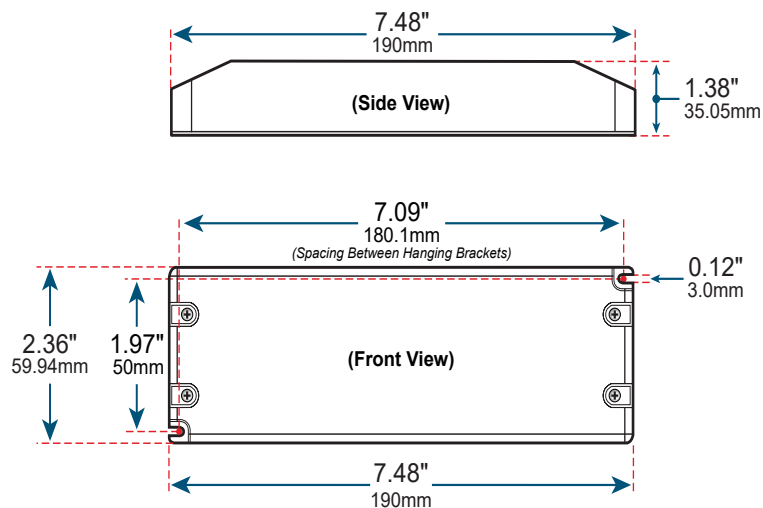
**SPECIFICATIONS**

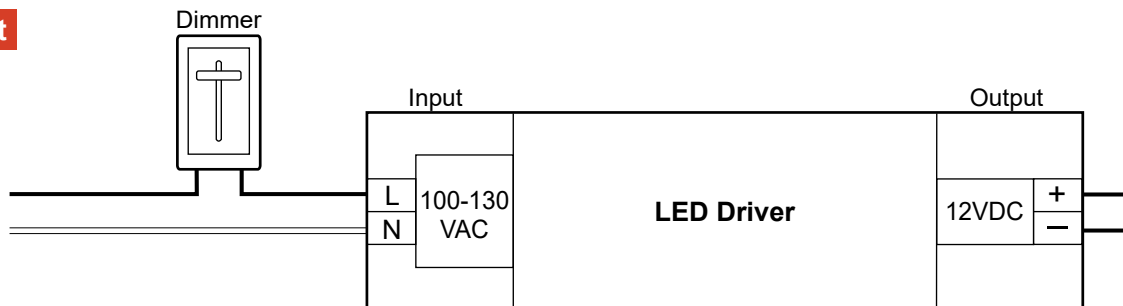
| Input                       | 20W                                                        | 40W                                            | 60W                                            |
|-----------------------------|------------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| 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)<br>0.36A @ 120VAC (24VDC)           | 0.7A @ 120VAC (12VDC)<br>0.7A @ 120VAC (24VDC) | 1.1A @ 120VAC (12VDC)<br>1.1A @ 120VAC (24VDC) |
| Efficiency                  | >82% (12VDC)<br>>82% (24VDC)                               | >82% (12VDC)<br>>82% (24VDC)                   | >85% (12VDC)<br>>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)<br>0.83A (24VDC)                             | 3.33A (12VDC)<br>1.67A (24VDC)                 | 5.0A (12VDC)<br>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<br>(-13°F to 104°F)                          | -25°C to 40°C<br>(-13°F to 104°F)              | -25°C to 40°C<br>(-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<br>(-40°C to 176°F)                          | -40°C to 80°C<br>(-40°C to 176°F)              | -40°C to 80°C<br>(-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**
