



# L.T.F

## Dimmable Low Voltage LED Driver - CLASS 2



### 12W DA12W 120V Series Constant Current / Constant Voltage



<b>Efficiency</b>	higher than 85%
<b>Power Factor</b>	>95%
<b>Cast TC*</b>	90°C Max.
<b>Protection</b>	Input / Output
<b>Storage</b>	-30°C / +90°C
<b>Humidity</b>	95% RH Max.
<b>IP Rating</b>	IP 60, 65, 67
<b>Class</b>	Class 2 Power Supply
<b>Dimming</b>	Phase Dimmable
<b>Optional Dimming</b>	0-10V



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**RoHS**



FCC Part 15  
Class B compliant



### FEATURES

- Isolated output power per NEC and UL safety requirements
- UL and ETL recognized/ Listed, UL 8750, 1310
- Auto-reset ; Short circuit, Overload and Thermal protection
- Dimmable with ELV and Phase dimming type dimmers
- Aluminum casing for optimal heat dissipation
- Low profile, small form factor, junction box mountable
- Flicker free dimming and excellent dimming range
- Class 2 power supply and other than Class 2 options
- Efficient, high power factor, low THD, FCC compliant

### ELECTRICAL SPECIFICATIONS

Constant Current					
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DA12W220	120V AC 50/60Hz	0.1 A	54.5 DC	220 mA	A4, B5
DA12W280	120V AC 50/60Hz	0.1 A	42.8 DC	280 mA	A4, B5
DA12W320	120V AC 50/60Hz	0.1 A	37.5 DC	320 mA	A4, B5
DA12W350	120V AC 50/60Hz	0.1 A	34.0 DC	350 mA	A4, B5
DA12W420	120V AC 50/60Hz	0.1 A	28.5 DC	420 mA	A4, B5
DA12W440	120V AC 50/60Hz	0.1 A	27.2 DC	440 mA	A4, B5
DA12W500	120V AC 50/60Hz	0.1 A	24.0 DC	500 mA	A4, B5
DA12W550	120V AC 50/60Hz	0.1 A	22.0 DC	550 mA	A4, B5
DA12W620	120V AC 50/60Hz	0.1 A	19.3 DC	620 mA	A4, B5
DA12W700	120V AC 50/60Hz	0.1 A	17.0 DC	700 mA	A4, B5
DA12W750	120V AC 50/60Hz	0.1 A	16.0 DC	750 mA	A4, B5
DA12W900	120V AC 50/60Hz	0.1 A	13.3 DC	900 mA	A4, B5
DA12W1000	120V AC 50/60Hz	0.1 A	12.0 DC	1000 mA	A4, B5

\* Under confirmed thermal condition



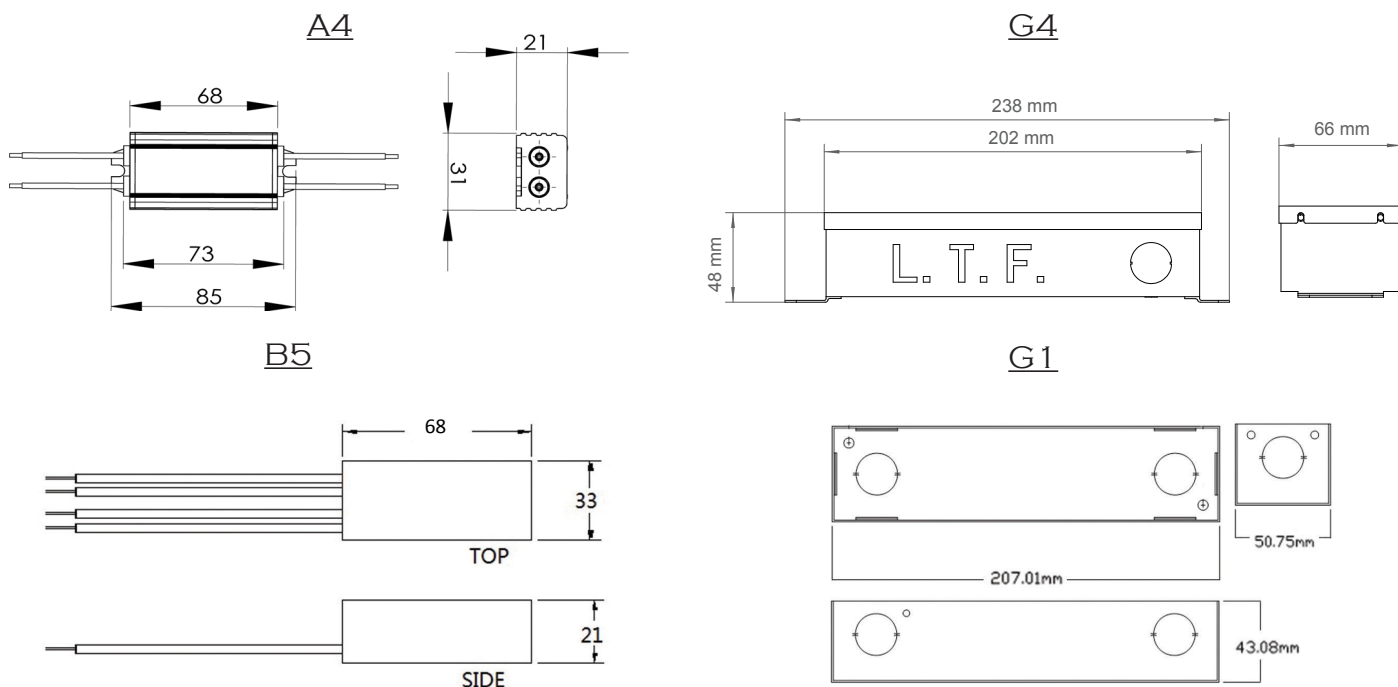
Constant Voltage					
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DA12W12V-0000	120V AC 50/60Hz	0.1 A	12.0 DC	1000 mA	A4, B5
DA12W24V-0000	120V AC 50/60Hz	0.1 A	24.0 DC	500 mA	A4, B5

Dimming Guide	
Model #	Dimming Code
(L) DA12WXXXX	Standard Dimming
(L) DA12WXXXXD010	0-10V Dimming
(L) DA12WXXXXDALI	DALI Dimming

Remote Enclosure Option	
Model #	Remote Enclosure
LDA12WXXXXRE	G1
LDA12WXXXXREO	G4

MECHANICAL SPECS.

Available Form Factors	Dimensions
"A4"	68X31X21mm
"B5"	68X33X21mm
"G1"	207X50.8X43mm
"G4"	238X66X48mm





# L.T.F

## Dimmable Low Voltage LED Driver - CLASS 2

### 12W DE12W 277V Series

#### Constant Current / Constant Voltage



<b>Efficiency</b>	higher than 85%
<b>Power Factor</b>	>95%
<b>Cast TC*</b>	90°C Max.
<b>Protection</b>	Input / Output
<b>Storage</b>	-30°C / +90°C
<b>Humidity</b>	95% RH Max.
<b>IP Rating</b>	IP 60, 65, 67
<b>Class</b>	Class 2 Power Supply
<b>Dimming</b>	Phase Dimmable
<b>Optional Dimming</b>	0-10V



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FCC Part 15  
Class B compliant



### FEATURES

- Isolated output power per NEC and UL safety requirements
- UL and ETL recognized/ Listed, UL 8750, 1310
- Auto-reset ; Short circuit, Overload and Thermal protection
- Dimmable with ELV and Phase dimming type dimmers
- Aluminum casing for optimal heat dissipation
- Low profile, small form factor, junction box mountable
- Flicker free dimming and excellent dimming range
- Class 2 power supply and other than Class 2 options
- Efficient, high power factor, low THD, FCC compliant

### ELECTRICAL SPECIFICATIONS

Constant Current					
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DE12W220	277V AC 50/60Hz	0.04 A	54.5 DC	220 mA	A4, B5
DE12W280	277V AC 50/60Hz	0.04 A	42.8 DC	280 mA	A4, B5
DE12W320	277V AC 50/60Hz	0.04 A	37.5 DC	320 mA	A4, B5
DE12W350	277V AC 50/60Hz	0.04 A	34.0 DC	350 mA	A4, B5
DE12W420	277V AC 50/60Hz	0.04 A	28.5 DC	420 mA	A4, B5
DE12W440	277V AC 50/60Hz	0.04 A	27.2 DC	440 mA	A4, B5
DE12W500	277V AC 50/60Hz	0.04 A	24.0 DC	500 mA	A4, B5
DE12W550	277V AC 50/60Hz	0.04 A	22.0 DC	550 mA	A4, B5
DE12W620	277V AC 50/60Hz	0.04 A	19.3 DC	620 mA	A4, B5
DE12W700	277V AC 50/60Hz	0.04 A	17.0 DC	700 mA	A4, B5
DE12W750	277V AC 50/60Hz	0.04 A	16.0 DC	750 mA	A4, B5
DE12W900	277V AC 50/60Hz	0.04 A	13.3 DC	900 mA	A4, B5
DE12W1000	277V AC 50/60Hz	0.04 A	12.0 DC	1000 mA	A4, B5

\* Under confirmed thermal condition



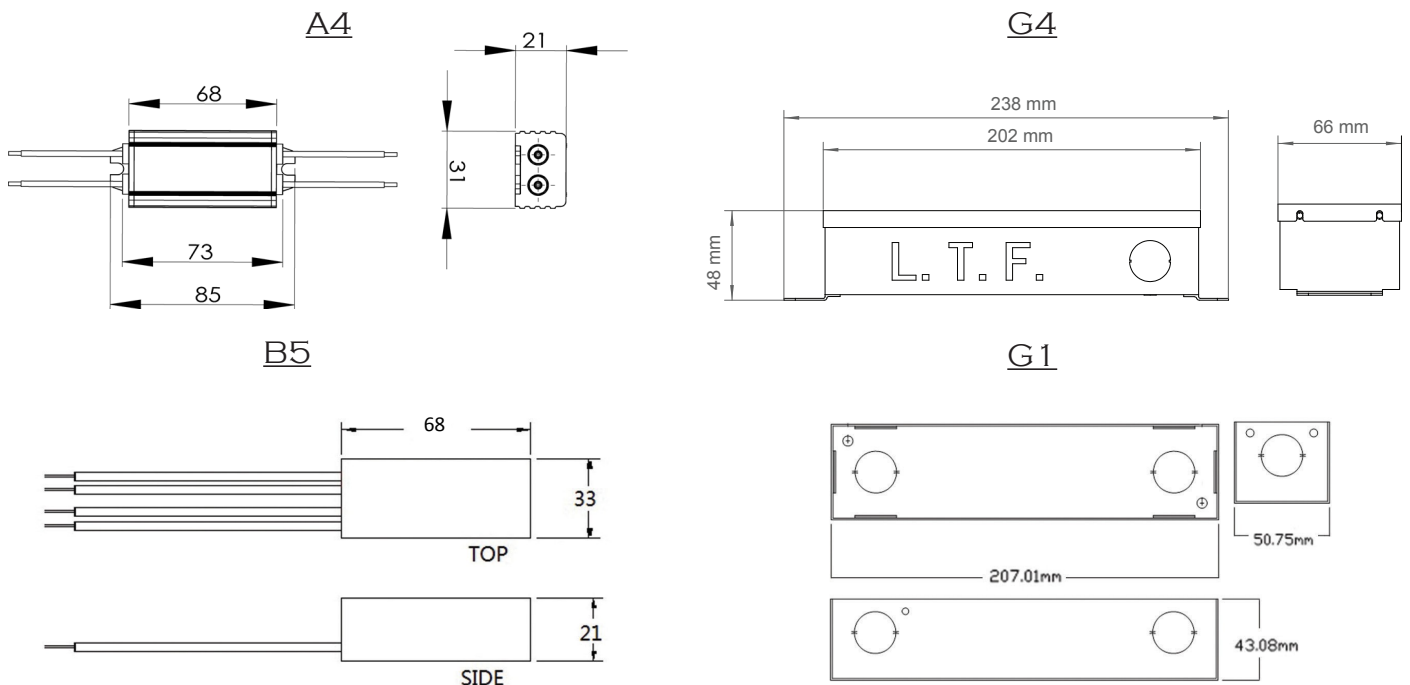
Constant Voltage					
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DE12W12V-0000	277V AC 50/60Hz	0.04 A	12.0 DC	1000 mA	A4, B5
DE12W24V-0000	277V AC 50/60Hz	0.04 A	24.0 DC	500 mA	A4, B5

Dimming Guide	
Model #	Dimming Code
(L) DE12WXXXX	Standard Dimming
(L) DE12WXXXXD010	0-10V Dimming
(L) DE12WXXXXDALI	DALI Dimming

Remote Enclosure Option	
Model #	Remote Enclosure
LDE12WXXXXRE	G1
LDE12WXXXXREO	G4

MECHANICAL SPECS.

Available Form Factors	Dimensions
"A4"	68X31X21mm
"B5"	68X33X21mm
"G1"	207X50.8X43mm
"G4"	238X66X48mm





**L.T.F**

## Dimmable Low Voltage LED Driver - CLASS 2



### 12W DU12W 220-240V Series Constant Current / Constant Voltage



<b>Efficiency</b>	higher than 85%
<b>Power Factor</b>	>95%
<b>Cast TC*</b>	90°C Max.
<b>Protection</b>	Input / Output
<b>Storage</b>	-30°C / +90°C
<b>Humidity</b>	95% RH Max.
<b>IP Rating</b>	IP 60, 65, 67
<b>Class</b>	Class 2 Power Supply
<b>Dimming</b>	Phase Dimmable
<b>Optional Dimming</b>	0-10V



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FCC Part 15  
Class B compliant



### FEATURES

- Isolated output power per NEC and UL safety requirements
- UL and ETL recognized/ Listed, UL 8750, 1310
- Auto-reset ; Short circuit, Overload and Thermal protection
- Dimmable with ELV and Phase dimming type dimmers
- Aluminum casing for optimal heat dissipation
- Low profile, small form factor, junction box mountable
- Flicker free dimming and excellent dimming range
- Class 2 power supply and other than Class 2 options
- Efficient, high power factor, low THD, FCC compliant

### ELECTRICAL SPECIFICATIONS

Constant Current					
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DU12W220	220-240V AC 50/60Hz	0.05 A	54.5 DC	220 mA	A4, B5
DU12W280	220-240V AC 50/60Hz	0.05 A	42.8 DC	280 mA	A4, B5
DU12W320	220-240V AC 50/60Hz	0.05 A	37.5 DC	320 mA	A4, B5
DU12W350	220-240V AC 50/60Hz	0.05 A	34.0 DC	350 mA	A4, B5
DU12W420	220-240V AC 50/60Hz	0.05 A	28.5 DC	420 mA	A4, B5
DU12W440	220-240V AC 50/60Hz	0.05 A	27.2 DC	440 mA	A4, B5
DU12W500	220-240V AC 50/60Hz	0.05 A	24.0 DC	500 mA	A4, B5
DU12W550	220-240V AC 50/60Hz	0.05 A	22.0 DC	550 mA	A4, B5
DU12W620	220-240V AC 50/60Hz	0.05 A	19.3 DC	620 mA	A4, B5
DU12W700	220-240V AC 50/60Hz	0.05 A	17.0 DC	700 mA	A4, B5
DU12W750	220-240V AC 50/60Hz	0.05 A	16.0 DC	750 mA	A4, B5
DU12W900	220-240V AC 50/60Hz	0.05 A	13.3 DC	900 mA	A4, B5
DU12W1000	220-240V AC 50/60Hz	0.05 A	12.0 DC	1000 mA	A4, B5

\* Under confirmed thermal condition

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Constant Voltage					
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DU12W12V-0000	220-240V AC 50/60Hz	0.05 A	12.0 DC	1000 mA	A4, B5
DU12W24V-0000	220-240V AC 50/60Hz	0.05 A	24.0 DC	500 mA	A4, B5

Dimming Guide	
Model #	Dimming Code
(L) DU12WXXXX	Standard Dimming
(L) DU12WXXXXD010	0-10V Dimming
(L) DU12WXXXXDALI	DALI Dimming

Remote Enclosure Option	
Model #	Remote Enclosure
LDU12WXXXXRE	G1
LDU12WXXXXREO	G4

MECHANICAL SPECS.

Available Form Factors	Dimensions
"A4"	68X31X21mm
"B5"	68X33X21mm
"G1"	207X50.8X43mm
"G4"	238X66X48mm

