



L.T.F

Dimmable Low Voltage LED Driver - CLASS 2

18W DA18W 120V Series
Constant Current / Constant Voltage



Efficiency	higher than 85%
Power Factor	>95%
Case TC	90C° Max.
Protection	Input / Output
Storage	-30°C / +90°C
Humidity	95% RH Max.
IP Rating	IP 60, 65, 67
Class	Class 2 Power Supply
Dimming	ELV & Triac Dimmable
Optional Dim.	0-10V
Optional Dim.	DALI



RoHS



FCC Part 15
Class B compliant



* Ask for more
Information

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 Triac 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
DA18W350C	120V AC 50/60Hz	0.15 A	51.5V DC	350 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W420C	120V AC 50/60Hz	0.15 A	42.9V DC	420 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W440C	120V AC 50/60Hz	0.15 A	40.9V DC	440 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W500C	120V AC 50/60Hz	0.15 A	36.0V DC	500 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W550C	120V AC 50/60Hz	0.15 A	32.8V DC	550 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W620C	120V AC 50/60Hz	0.15 A	29.1V DC	620 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W700C	120V AC 50/60Hz	0.15 A	25.8V DC	700 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W750C	120V AC 50/60Hz	0.15 A	24.0V DC	750 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W780C	120V AC 50/60Hz	0.15 A	23.1V DC	780 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W900C	120V AC 50/60Hz	0.15 A	20.0V DC	900 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W950C	120V AC 50/60Hz	0.15 A	18.9V DC	950 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W980C	120V AC 50/60Hz	0.15 A	18.4V DC	980 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W1000C	120V AC 50/60Hz	0.15 A	18.0V DC	1000 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W1050C	120V AC 50/60Hz	0.15 A	17.2V DC	1050 mA	BF, BF1, D1, SM1, F2, F3, PL1



Constant Current

Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DA18W1100C	120V AC 50/60Hz	0.15 A	16.4V DC	1100 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W1130C	120V AC 50/60Hz	0.15 A	15.9V DC	1130 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W1180C	120V AC 50/60Hz	0.15 A	15.0V DC	1200 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W1250C	120V AC 50/60Hz	0.15 A	14.5V DC	1250 mA	BF, BF1, D1, SM1, F2, F3, PL1

Constant Voltage

Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DA18W12V	120V AC 50/60Hz	0.15 A	12V DC	1500 mA	BF, BF1, D1, SM1, F2, F3, PL1
DA18W24V	120V AC 50/60Hz	0.15 A	24V DC	750 mA	BF, BF1, D1, SM1, F2, F3, PL1

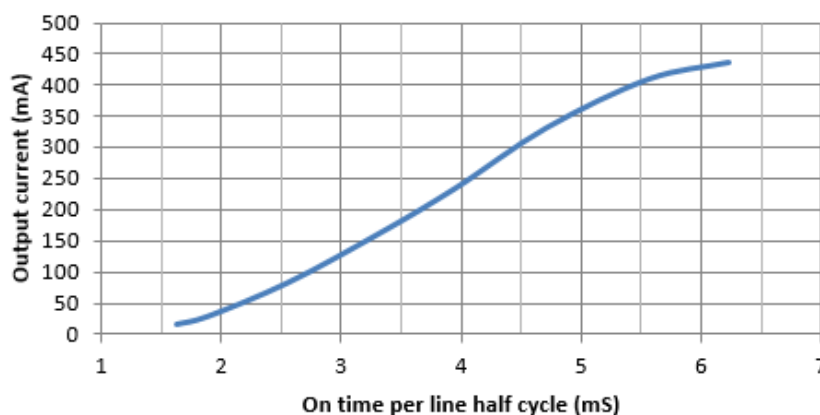
Dimming Guide

Model #	Dimming Code
(L) DA18WXXXX	Standard Dimming
(L) DA18WXXXXD010	0-10V Dimming
(L) DA18WXXXXDALI	DALI Dimming

Remote Enclosure Option

Model #	Remote Enclosure
LDA18WXXXXRE	G1, G2
LDA18WXXXXREO	G3,G4

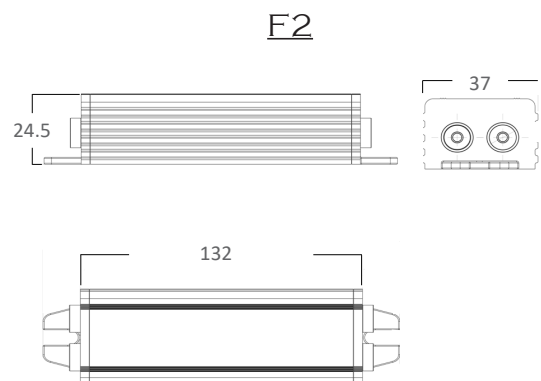
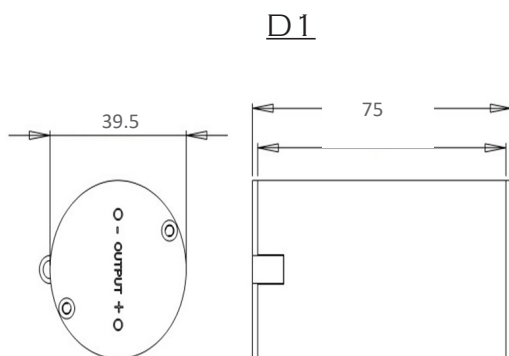
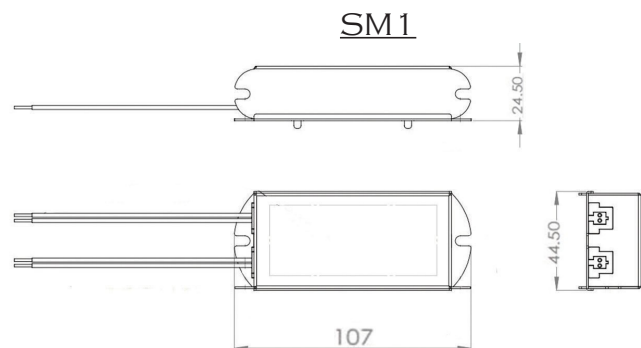
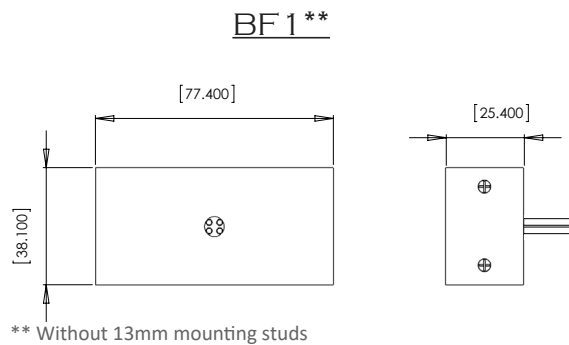
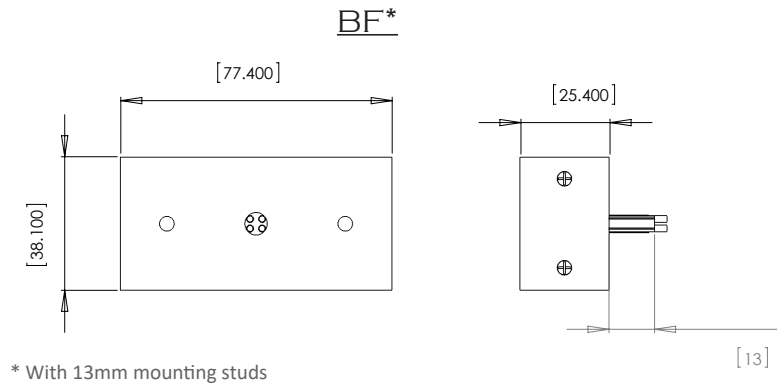
ELV Dimming Curve





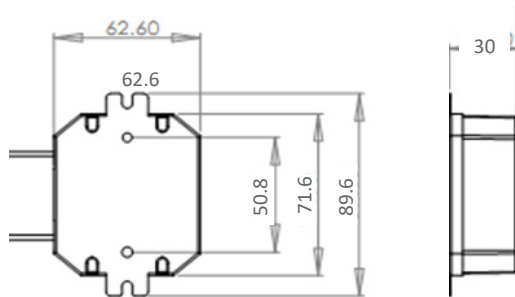
MECHANICAL SPECS.

Available Form Factors	Dimensions
"BF"	77.4X38.5X25mm (mounting studs)
"BF1"	77.4X38.5X25mm (no mounting studs)
"D1"	39.5X75mm
"SM1"	107X44.5X24.5mm
"F2"	132X37X24.5mm
"F3"	71.6X62.6X30mm
"PL1"	90x49x33mm
"G1"	207X50.8X43mm
"G2"	233.1X85.5X48.9mm
"G3"	280X103X56mm
"G4"	238X66X48mm

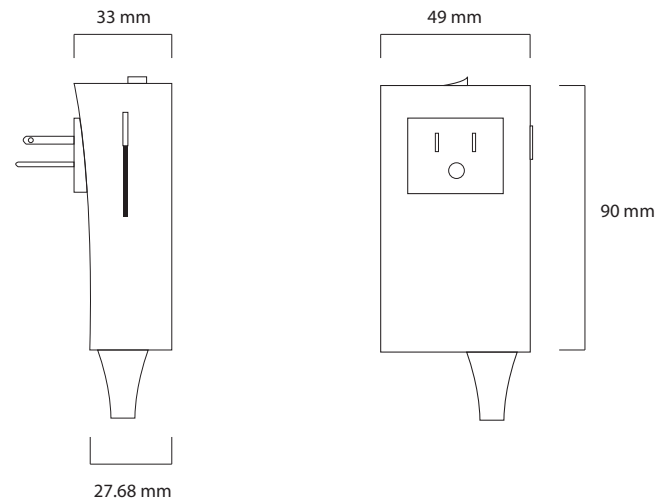




F3

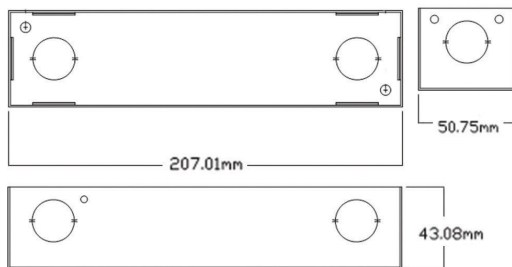


PL1

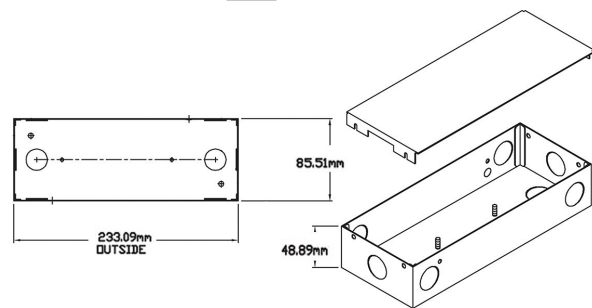


MECHANICAL SPECS. - REMOTE MODELS

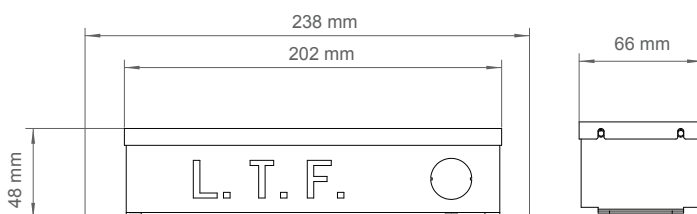
G1



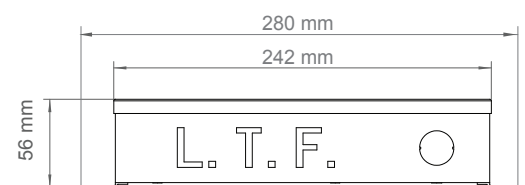
G2



G4



G3





Dimmable Low Voltage LED Driver - CLASS 2

L.T.F

18W DE18W 277V Series

Constant Current / Constant Voltage



Efficiency	higher than 85%
Power Factor	>95%
Case TC	90C° Max.
Protection	Input / Output
Storage	-30°C / +90°C
Humidity	95% RH Max.
IP Rating	IP 60, 65, 67
Class	Class 2 Power Supply
Dimming	ELV & Triac Dimmable
Optional Dim.	0-10V
Optional Dim.	DALI



RoHS



FCC Part 15
Class B compliant



* Ask for more
Information

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 Triac 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
DE18W350C	277V AC 50/60Hz	0.07 A	51.5V DC	350 mA	BF, BF1, D1, SM1, F2, F3
DE18W420C	277V AC 50/60Hz	0.07 A	42.9V DC	420 mA	BF, BF1, D1, SM1, F2, F3
DE18W440C	277V AC 50/60Hz	0.07 A	40.9V DC	440 mA	BF, BF1, D1, SM1, F2, F3
DE18W500C	277V AC 50/60Hz	0.07 A	36.0V DC	500 mA	BF, BF1, D1, SM1, F2, F3
DE18W550C	277V AC 50/60Hz	0.07 A	32.8V DC	550 mA	BF, BF1, D1, SM1, F2, F3
DE18W620C	277V AC 50/60Hz	0.07 A	29.1V DC	620 mA	BF, BF1, D1, SM1, F2, F3
DE18W700C	277V AC 50/60Hz	0.07 A	25.8V DC	700 mA	BF, BF1, D1, SM1, F2, F3
DE18W750C	277V AC 50/60Hz	0.07 A	24.0V DC	750 mA	BF, BF1, D1, SM1, F2, F3
DE18W780C	277V AC 50/60Hz	0.07 A	23.1V DC	780 mA	BF, BF1, D1, SM1, F2, F3
DE18W900C	277V AC 50/60Hz	0.07 A	20.0V DC	900 mA	BF, BF1, D1, SM1, F2, F3
DE18W950C	277V AC 50/60Hz	0.07 A	18.9V DC	950 mA	BF, BF1, D1, SM1, F2, F3
DE18W980C	277V AC 50/60Hz	0.07 A	18.4V DC	980 mA	BF, BF1, D1, SM1, F2, F3
DE18W1000C	277V AC 50/60Hz	0.07 A	18.0V DC	1000 mA	BF, BF1, D1, SM1, F2, F3
DE18W1050C	277V AC 50/60Hz	0.07 A	17.2V DC	1050 mA	BF, BF1, D1, SM1, F2, F3



Constant Current					
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DE18W1100C	277V AC 50/60Hz	0.07 A	16.4V DC	1100 mA	BF, BF1, D1, SM1, F2, F3
DE18W1130C	277V AC 50/60Hz	0.07 A	15.9V DC	1130 mA	BF, BF1, D1, SM1, F2, F3
DE18W1200C	277V AC 50/60Hz	0.07 A	15.0V DC	1200 mA	BF, BF1, D1, SM1, F2, F3
DE18W1250C	277V AC 50/60Hz	0.07 A	14.5V DC	1250 mA	BF, BF1, D1, SM1, F2, F3

Constant Voltage					
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DE18W12V	277V AC 50/60Hz	0.07 A	12V DC	1500 mA	BF, BF1, D1, SM1, F2, F3
DE18W24V	277V AC 50/60Hz	0.07 A	24V DC	750 mA	BF, BF1, D1, SM1, F2, F3

Dimming Guide	
Model #	Dimming Code
(L) DE18WXXXX	Standard Dimming
(L) DE18WXXXXD010	0-10V Dimming
(L) DE18WXXXXDALI	DALI Dimming

Remote Enclosure Option	
Model #	Remote Enclosure
LDE18WXXXXRE	G1, G2
LDE18WXXXXREO	G3, G4

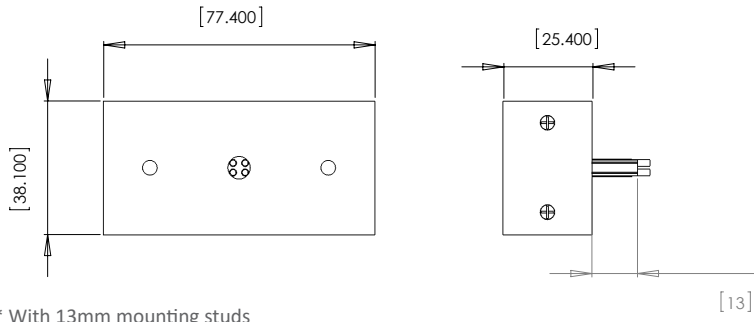
MECHANICAL SPECS.

Available Form Factors	Dimensions
"BF"	77.4X38.5X25mm (mounting studs)
"BF1"	77.4X38.5X25mm (no mounting studs)
"D1"	39.5X75mm
"SM1"	107X44.5X24.5mm
"F2"	132X37X24.5mm
"F3"	71.6X62.6X30mm
"G1"	207X50.8X43mm
"G2"	233.1X85.5X48.9mm
"G3"	280X103X56mm
"G4"	238X66X48mm

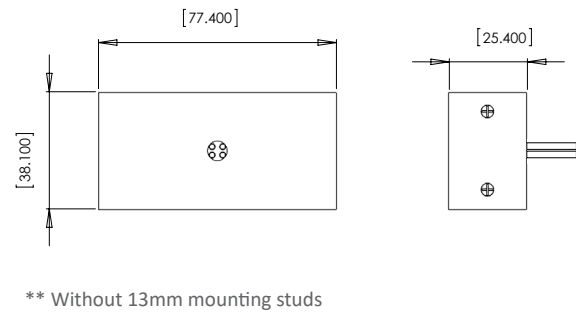


MECHANICAL SPECS.

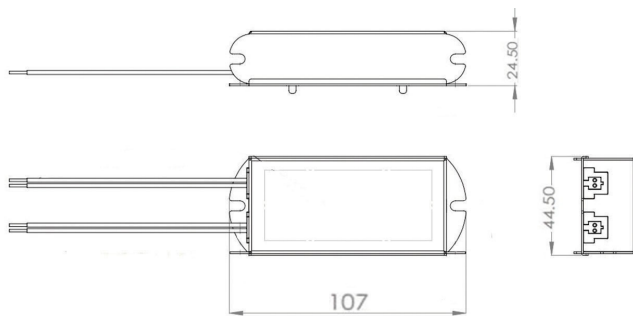
BF*



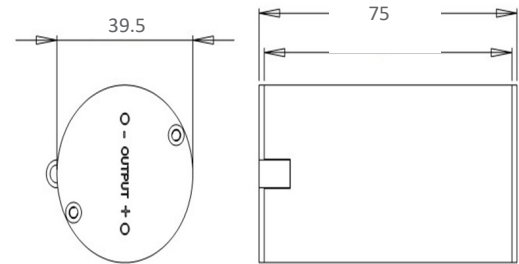
BF1**



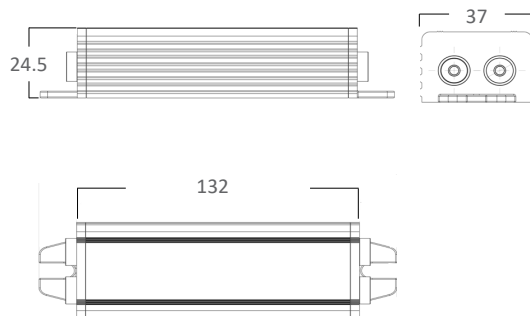
SM1



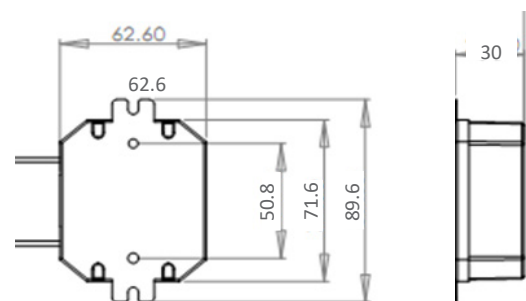
D1



F2



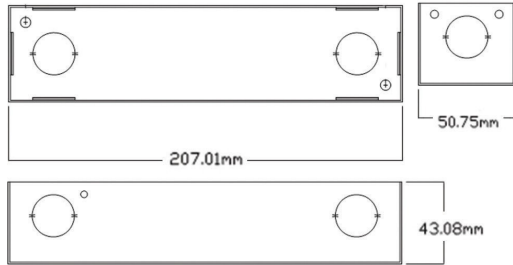
F3



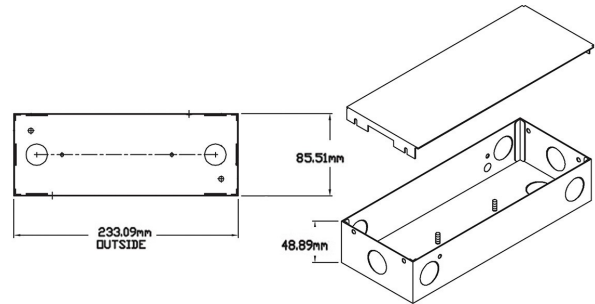


MECHANICAL SPECS. - REMOTE MODELS

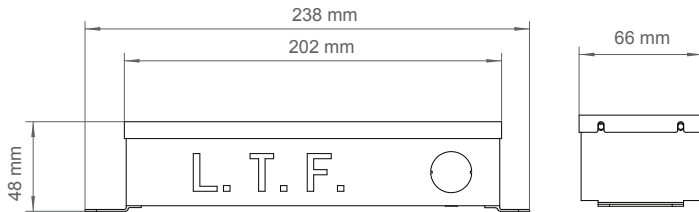
G1



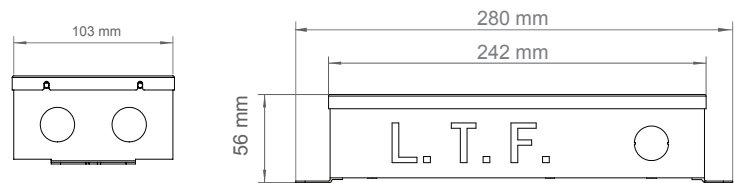
G2



G4



G3





L.T.F

Dimmable Low Voltage LED Driver - CLASS 2

18W DU18W 220-240V Series Constant Current / Constant Voltage



Efficiency	higher than 85%
Power Factor	>95%
Case TC	90°C Max.
Protection	Input / Output
Storage	-30°C / +90°C
Humidity	95% RH Max.
IP Rating	IP 60, 65, 67
Class	Class 2 Power Supply
Dimming	ELV & Triac Dimmable
Optional Dim.	0-10V
Optional Dim.	DALI



RoHS



FCC Part 15
Class B compliant



* Ask for more
Information

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 Triac 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
DU18W350C	218V AC 50/60Hz	0.08 A	51.5V DC	350 mA	BF, BF1, D1, SM1, F2, F3
DU18W418C	218V AC 50/60Hz	0.08 A	42.9V DC	418 mA	BF, BF1, D1, SM1, F2, F3
DU18W440C	218V AC 50/60Hz	0.08 A	40.9V DC	440 mA	BF, BF1, D1, SM1, F2, F3
DU18W500C	218V AC 50/60Hz	0.08 A	36.0V DC	500 mA	BF, BF1, D1, SM1, F2, F3
DU18W550C	218V AC 50/60Hz	0.08 A	32.8V DC	550 mA	BF, BF1, D1, SM1, F2, F3
DU18W618C	218V AC 50/60Hz	0.08 A	29.1V DC	618 mA	BF, BF1, D1, SM1, F2, F3
DU18W700C	218V AC 50/60Hz	0.08 A	25.8V DC	700 mA	BF, BF1, D1, SM1, F2, F3
DU18W750C	218V AC 50/60Hz	0.08 A	24.0V DC	750 mA	BF, BF1, D1, SM1, F2, F3
DU18W780C	218V AC 50/60Hz	0.08 A	23.1V DC	780 mA	BF, BF1, D1, SM1, F2, F3
DU18W900C	218V AC 50/60Hz	0.08 A	20.0V DC	900 mA	BF, BF1, D1, SM1, F2, F3
DU18W950C	218V AC 50/60Hz	0.08 A	18.9V DC	950 mA	BF, BF1, D1, SM1, F2, F3
DU18W980C	218V AC 50/60Hz	0.08 A	18.4V DC	980 mA	BF, BF1, D1, SM1, F2, F3
DU18W1000C	218V AC 50/60Hz	0.08 A	18.0V DC	1000 mA	BF, BF1, D1, SM1, F2, F3
DU18W1050C	218V AC 50/60Hz	0.08 A	17.2V DC	1050 mA	BF, BF1, D1, SM1, F2, F3



Constant Current					
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DU18W1100C	218V AC 50/60Hz	0.08 A	16.4V DC	1100 mA	BF, BF1, D1, SM1, F2, F3
DU18W1130C	218V AC 50/60Hz	0.08 A	15.9V DC	1130 mA	BF, BF1, D1, SM1, F2, F3
DU18W1180C	218V AC 50/60Hz	0.08 A	15.0V DC	1180 mA	BF, BF1, D1, SM1, F2, F3
DU18W1250C	218V AC 50/60Hz	0.08 A	14.5V DC	1250 mA	BF, BF1, D1, SM1, F2, F3

Constant Voltage					
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Available Form Factors
DU18W12V	218V AC 50/60Hz	0.08 A	12V DC	1500 mA	BF, BF1, D1, SM1, F2, F3
DU18W24V	218V AC 50/60Hz	0.08 A	24V DC	750 mA	BF, BF1, D1, SM1, F2, F3

Dimming Guide	
Model #	Dimming Code
(L) DU18WXXXX	Standard Dimming
(L) DU18WXXXXD010	0-10V Dimming
(L) DU18WXXXXDALI	DALI Dimming

Remote Enclosure Option	
Model #	Remote Enclosure
LDU18WXXXX	G1, G2

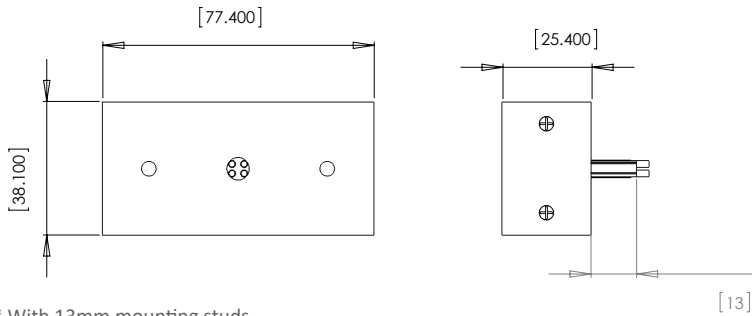
MECHANICAL SPECS.

Available Form Factors	Dimensions
"BF"	77.4X38.5X25mm (mounting studs)
"BF1"	77.4X38.5X25mm (no mounting studs)
"D1"	39.5X75mm
"SM1"	107X44.5X24.5mm
"F2"	132X37X24.5mm
"F3"	71.6X62.6X30mm
"G1"	207X50.8X43mm
"G2"	233.1X85.5X48.9mm
"G3"	280X103X56mm
"G4"	238X66X48mm

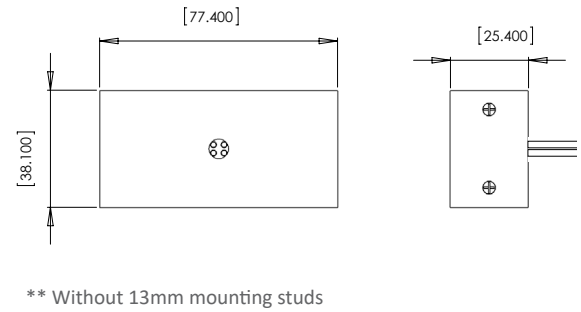


MECHANICAL SPECS.

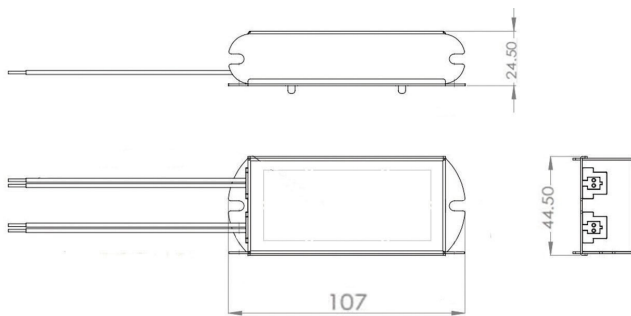
BF*



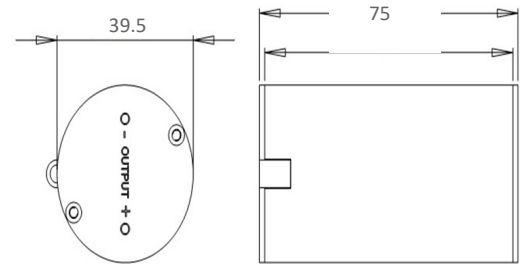
BF 1**



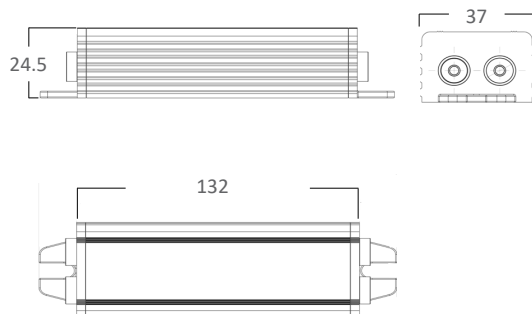
SM1



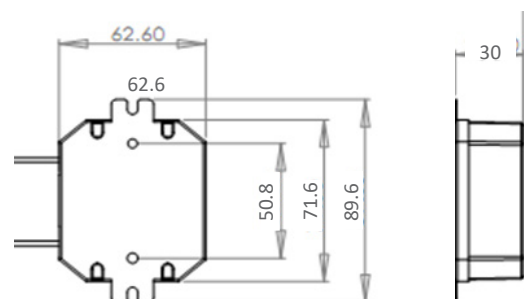
D1



F2



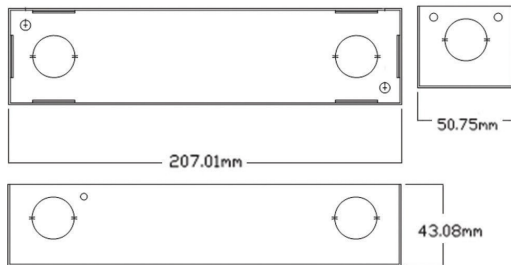
F3



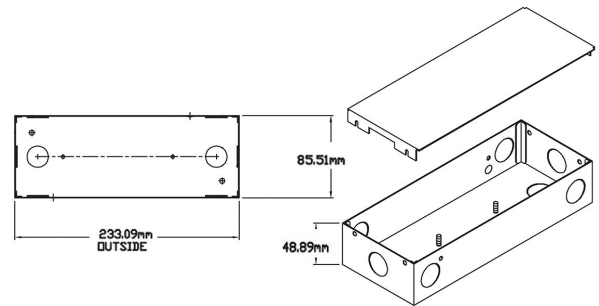


MECHANICAL SPECS. - REMOTE MODELS

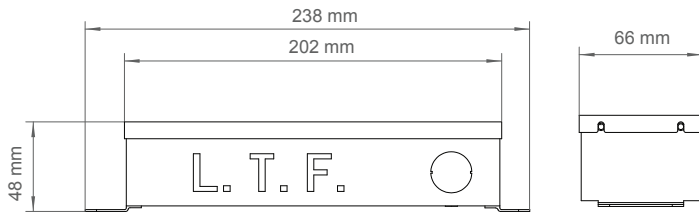
G1



G2



G4



G3

