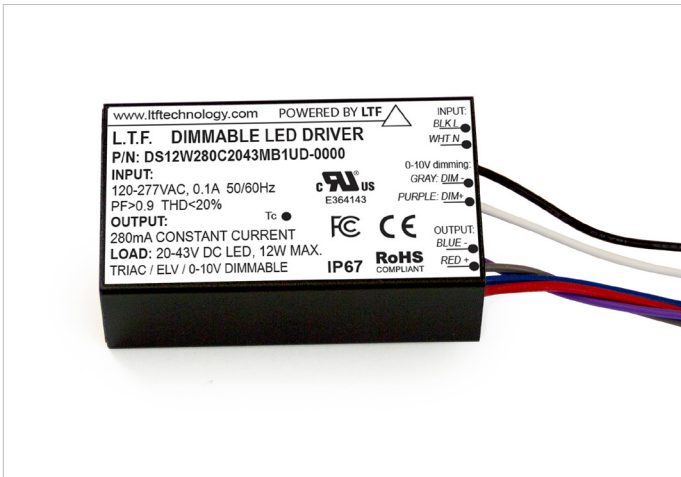


UNIDRIVER

12W DS12W 120-277V Series
Constant Current - Constant Voltage



Efficiency	> 85%
Power Factor	> 95%
Case TC	90°C Max.
Protection	Input / Output
Storage	-30°C / +90°C
Humidity	95% RH Max.
IP Rating	Up to IP67
Class	Class 2 Power Supply
Dimming	TRIAC/ELV/0-10V
Output Voltage or Constant Current	250mA - 1000mA



RoHS



FEATURES

- All-In-One dimming capabilities; Triac, ELV, and 0-10V dimming
- Universal input voltage; 120-277V AC
- Isolated output power per NEC and UL safety requirements
- UL recognized/ Listed, UL8750, UL1310
- Auto-reset; Short circuit, Overload and Thermal protection
- Superior thermal performance
- Aluminum case with high W/m.K encapsulating material
- Low profile, small form factor, junction box mountable
- Smooth dimming 0% to 100% dimmable
- Meet and exceed Title 24 flicker requirements
- Class 2 power supply and other than Class 2 options
- Efficient, high power factor, low THD, FCC class B

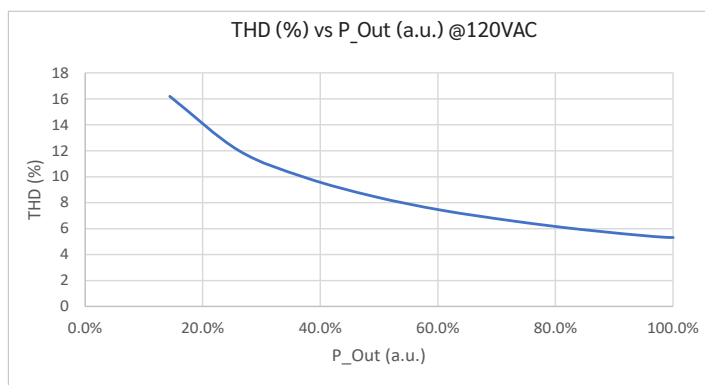
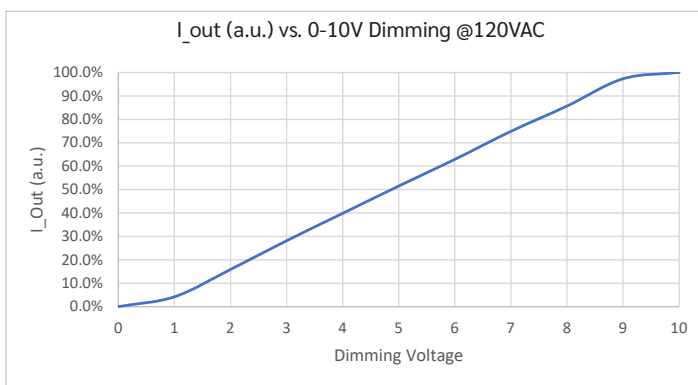
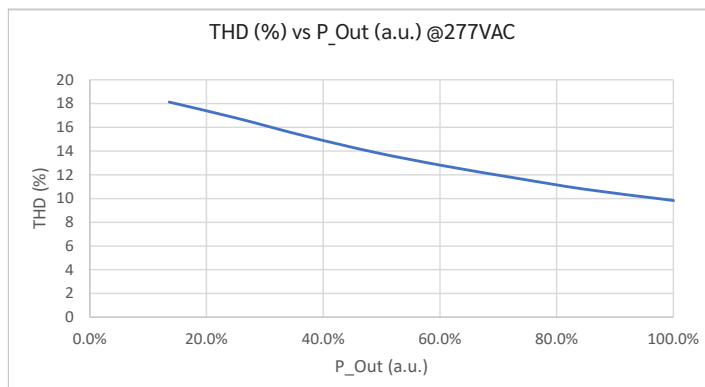
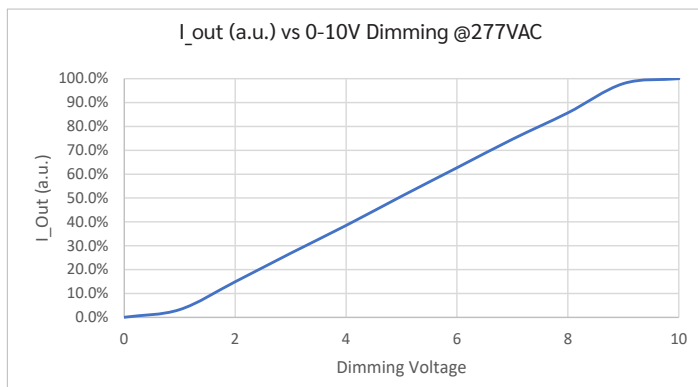
ELECTRICAL SPECIFICATIONS

Constant Current				
Model Number	Input Voltage	Output Voltage	Output Current	Available Form Factor
DS12W250C3248UD	120 - 277VAC >0.95 PF 50/60Hz	32-48V DC	250mA	G1, G4, MB1, D3, SM1
DS12W280C3043UD		30-43V DC	280mA	G1, G4, MB1, D3, SM1
DS12W300C2840UD		28-40V DC	300mA	G1, G4, MB1, D3, SM1
DS12W320C2638UD		26-38V DC	320mA	G1, G4, MB1, D3, SM1
DS12W350C2434UD		24-34V DC	350mA	G1, G4, MB1, D3, SM1
DS12W440C1928UD		19-28V DC	440mA	G1, G4, MB1, D3, SM1
DS12W500C1522UD		15-22V DC	500mA	G1, G4, MB1, D3, SM1
DS12W550C1522UD		15-22V DC	550mA	G1, G4, MB1, D3, SM1
DS12W700C1217UD		12-17V DC	700mA	G1, G4, MB1, D3, SM1
DS12W750C1016UD		10-16V DC	750mA	G1, G4, MB1, D3, SM1
DS12W1000C1012UD		10-12V DC	1000mA	G1, G4, MB1, D3, SM1

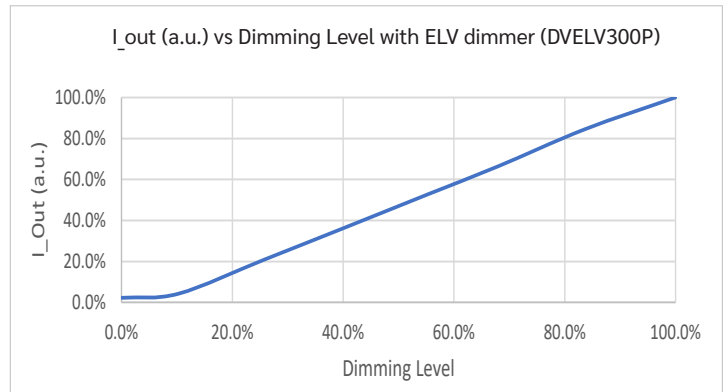
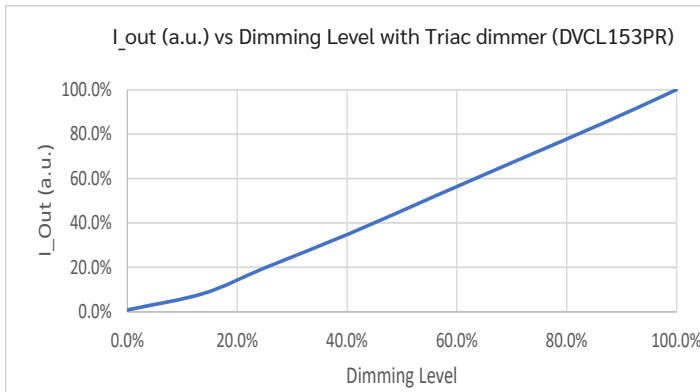
Constant Voltage

Model Number	Input Voltage	Output Voltage	Output Current	Available Form Factors
DS12W12VUD	120-277V AC 50/60Hz	12VDC	1000mA	BF, BF1, MB1, LS1, G1, G4
DS12W24VUD		24VDC	500mA	BF, BF1, MB1, LS1, G1, G4
DS12W48VUD		48VDC	250mA	BF, BF1, MB1, LS1, G1, G4

DIMMING CHARACTERISTICS



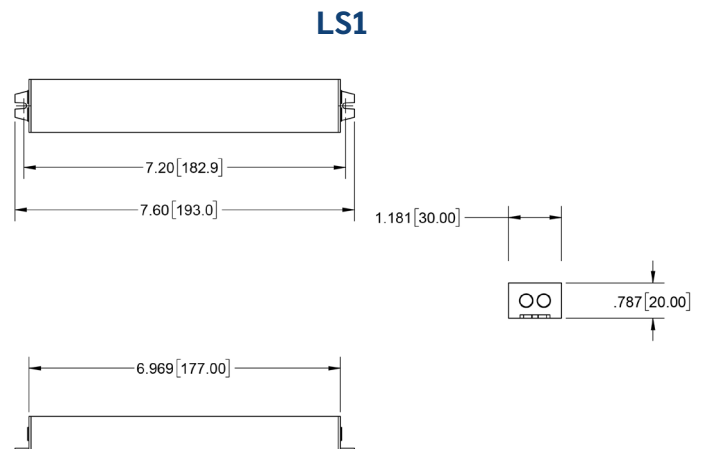
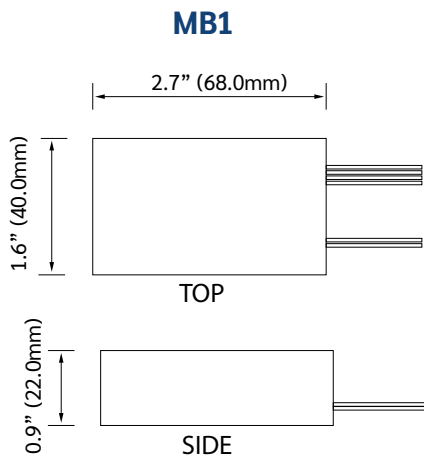
*Dimming tests based off Model : DS12W350C1536MB1UDT24-0000



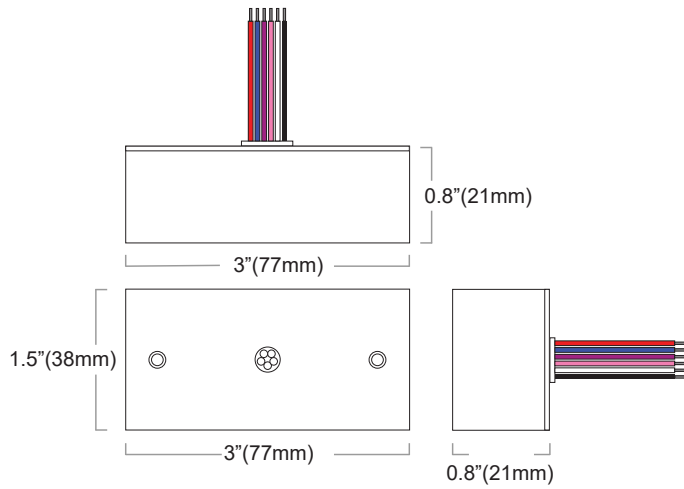
*Dimming tests based off Model : DS12W350C1536MB1UDT24-0000

MECHANICAL SPECS

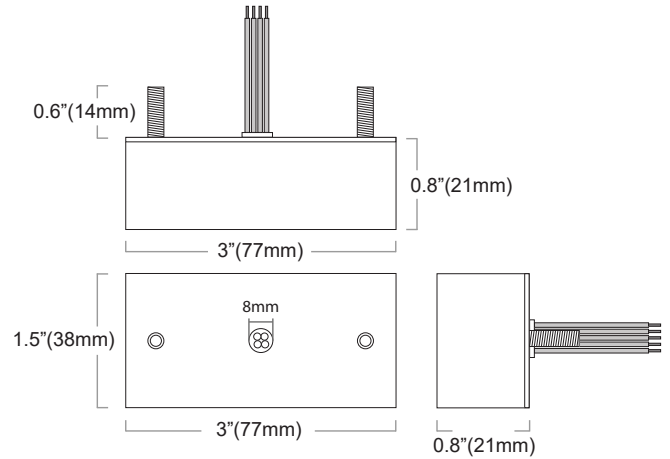
Form Factors	Dimensions
"MB1"	2.7"(68mm) x 1.5"(40mm) x 0.9"(22mm)
"BF"	3"(77mm) x 1.5"(38mm) x 0.8"(21mm)
"BF1"	3"(77mm) x 1.5"(38mm) x 0.8"(21mm)
"D3"	1.6"(39.5mm) x 3.4"(87mm)
"SM1"	4.3"(108mm) x 1.7"(42mm) x 1"(25mm)
"LS1"	7.6"(193mm) x 1.2"(30mm) x .8"(20mm)



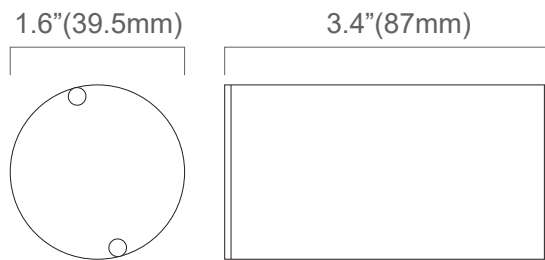
BF1



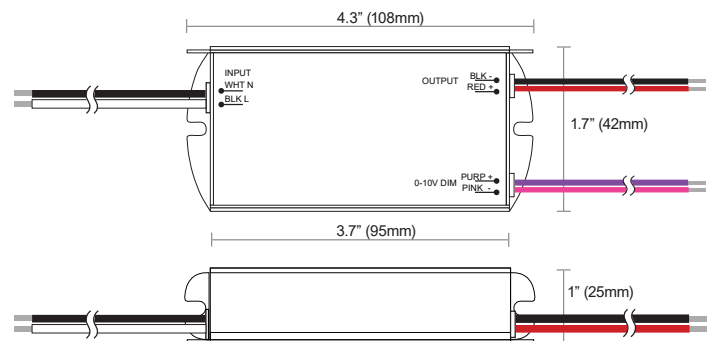
BF



D3



SM1

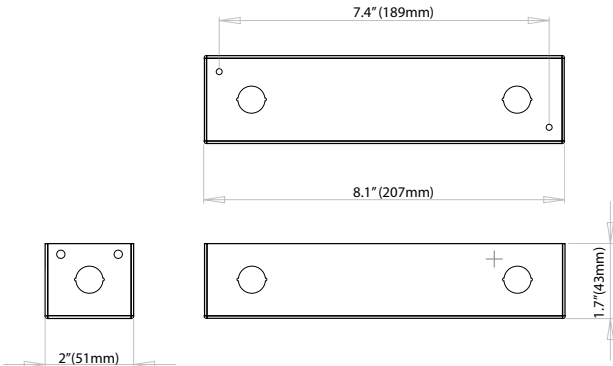


MECHANICAL SPECS FOR UL LISTED MODELS

Remote Enclosure Option		
Model Number	Remote Enclosure	Dimensions
LDS12WXXXXRE (indoor)	G1	8.1”(207mm) x 1.7”(43mm) x 2”(51mm)
LDS12WXXXXREO (outdoor)	G4	9.4”(238mm) x 1.9”(48mm) x 2.6”(66mm)



G1



G4

