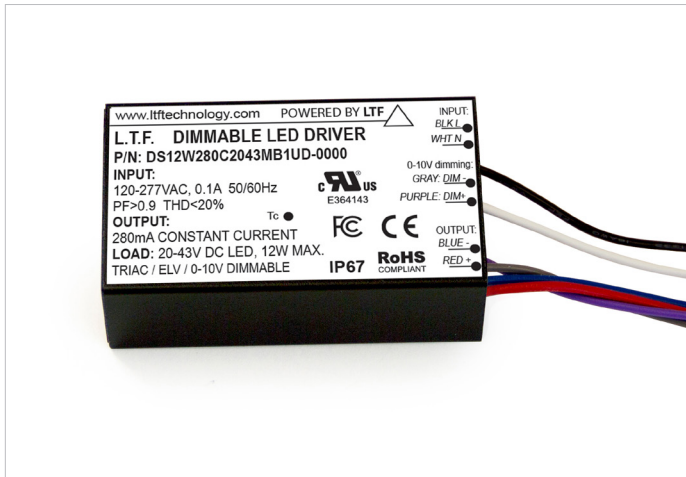


UNIDRIVER®

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	IP64
Class	Class 2 Power Supply
Dimming	TRIAC/ELV/0-10V
Output Voltage or Constant Current	250mA - 1000mA



RoHS



- 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

FEATURES

- 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

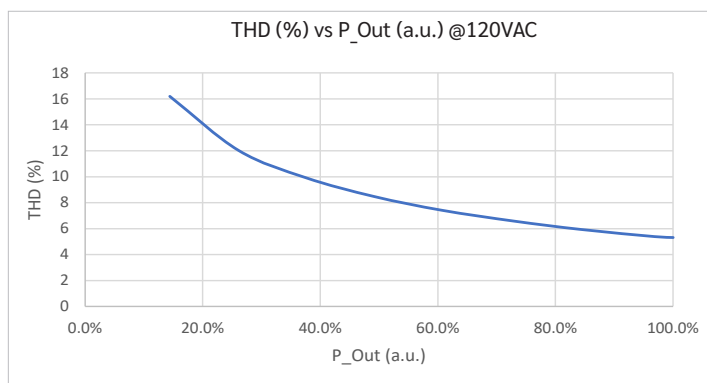
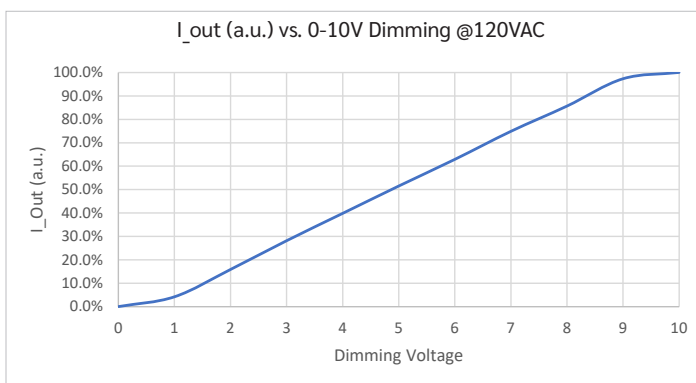
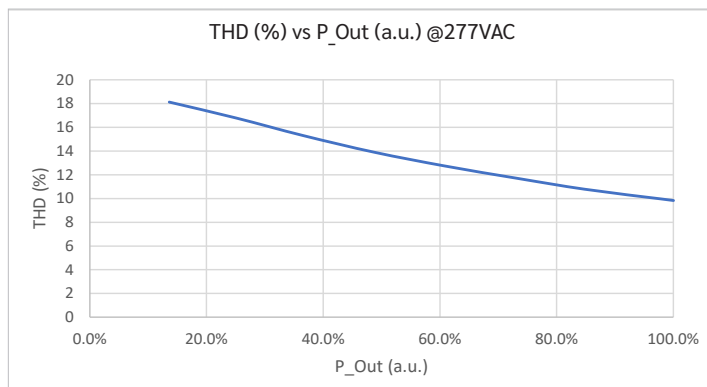
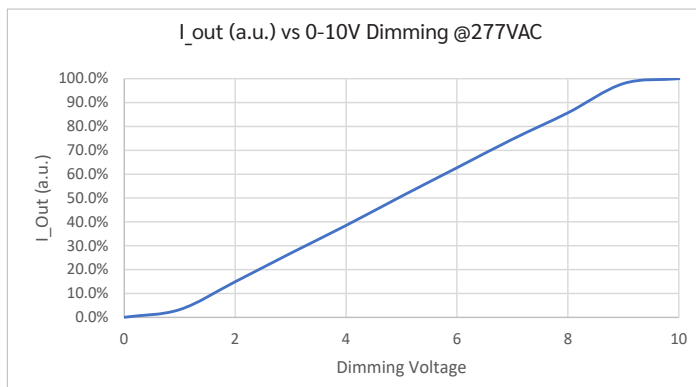
ELECTRICAL SPECIFICATIONS

Constant Current				
Model Number	Input Voltage	Output Voltage	Output Current	Available Form Factor
DS12W250C2548UD	120 - 277VAC >0.95 PF 50/60Hz	25-48V DC	250mA	G1, G4, MB1, D3, SM1
DS12W280C2043UD		20-43V DC	280mA	G1, G4, MB1, D3, SM1
DS12W300C2040UD		20-40V DC	300mA	G1, G4, MB1, D3, SM1
DS12W320C1838UD		18-38V DC	320mA	G1, G4, MB1, D3, SM1
DS12W350C1534UD		15-34V DC	350mA	G1, G4, MB1, D3, SM1
DS12W440C1028UD		10-28V DC	440mA	G1, G4, MB1, D3, SM1
DS12W550C1022UD		10-22V DC	550mA	G1, G4, MB1, D3, SM1
DS12W700C1017UD		10-17V 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

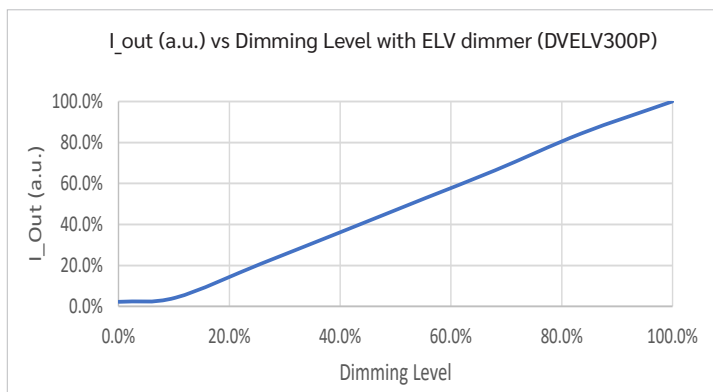
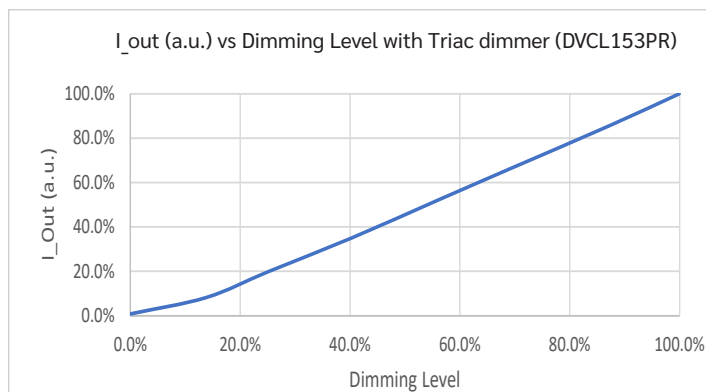
Constant Voltage

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



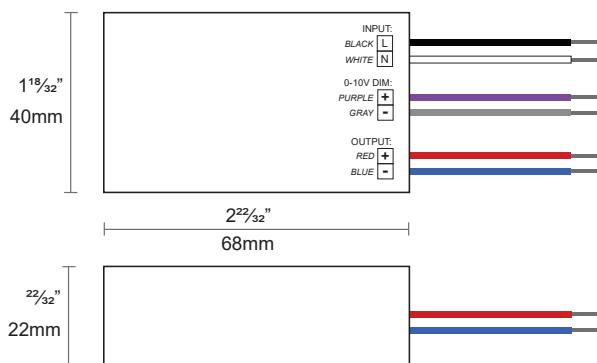
*Dimming tests based off Model : DS12W350C1536MB1UDT24-0000

MECHANICAL SPECS

Form Factors	Dimensions
"MB1"	68 x 40 x 22mm
"BF"	77.4 x 39 x 25mm
"BF1"	77.4 x 39 x 25mm
"D3"	39.5 x 87mm
"SM1"	43 x 111 x 24mm
"G1"	207 x 50.8x 43mm
"G4"	238 x 66 x 48mm
"LS1"	177 x 30 x 20mm



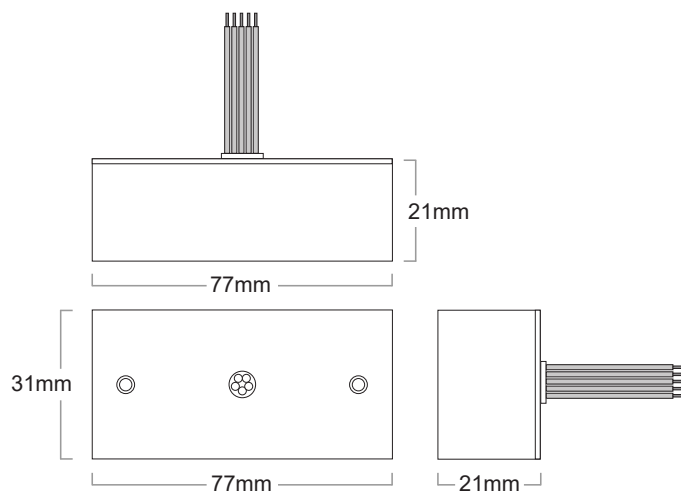
MB1



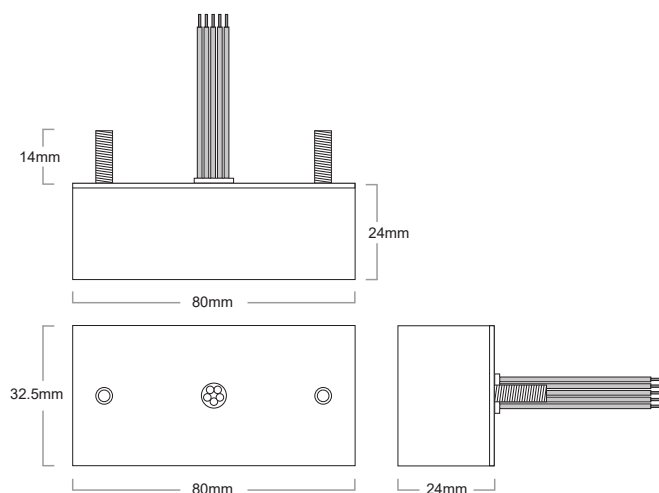
LS1



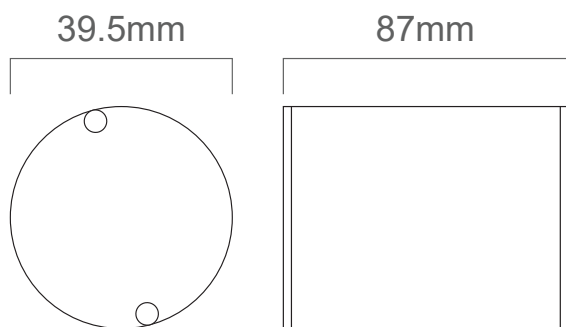
BF1



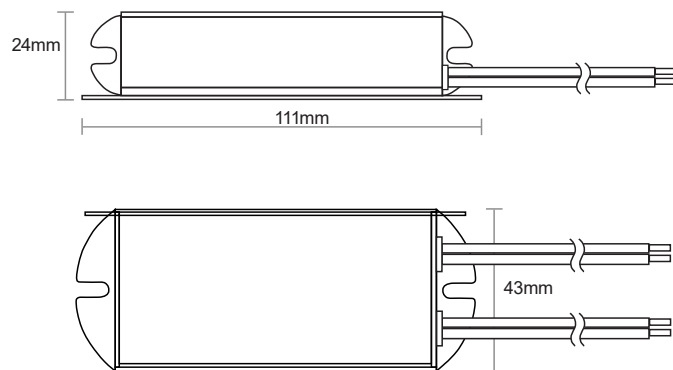
BF



D3



SM1

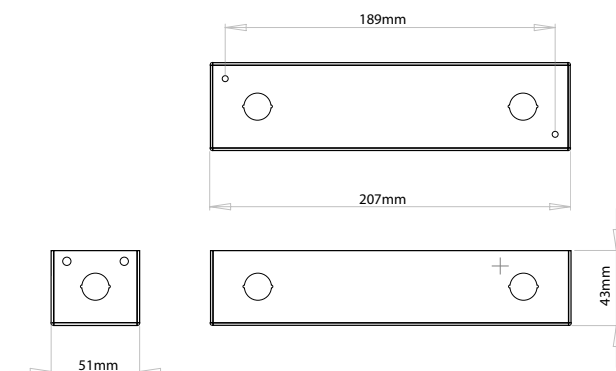


MECHANICAL SPECS FOR UL LISTED MODELS

Remote Enclosure Option	
Model Number	Remote Enclosure
LDS12WXXXXRE	G1
LDS12WXXXXREO	G4



G1



G4

