



L.T.F

Dimmable Low Voltage LED Driver - CLASS 2

**20W AC-DC Constant Current (180-1000mA)
DL & LDL Series 12V-24V Input Voltage**



Efficiency	higher than 80%
Power Factor	>95%
Case TC*	90°C Max.
Protection	Input / Output
Storage	-30°C / +90°C
Humidity	95% RH Max.
IP Rating	IP 65
Class	Class 2 power supply
Dimming	Dimmable



FEATURES

- Externely small Low Voltage LED driver
- High performance fully dimmable
- Excelent choice to integrate in Low Voltage LED fixtures
- Isolated output power per NEC and UL safety requirements
- ETL recognized/ Listed*, meets UL 8750, 1310 requirements
- Auto-reset ; Short circuit, Overload and Thermal protection
- Rated for 12-24V magnetic and electronic transformers
- Dimmable with ELV , and Magnetic LV type dimmers
- Aluminum casing for optimal heat dissipation
- Low profile, small form factor, junction box mountable
- Flicker free dimming
- Class 2 power supply
- Efficient, High power factor

ELECTRICAL SPECIFICATIONS

12V Input							
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Power Factor	Max. TC	Available Form Factors
DL120W350C	12V AC / DC 0-35KHz	1.67 A	20-57V DC	350 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL120W480C	12V AC / DC 0-35KHz	1.67 A	20-42V DC	480 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL120W520C	12V AC / DC 0-35KHz	1.67 A	20-39V DC	520 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL120W580C	12V AC / DC 0-35KHz	1.67 A	20-35V DC	580 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL120W600C	12V AC / DC 0-35KHz	1.67 A	20-34V DC	600 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL120W680C	12V AC / DC 0-35KHz	1.67 A	20-30V DC	680 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL120W700C	12V AC / DC 0-35KHz	1.67 A	20-29V DC	700 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL120W780C	12V AC / DC 0-35KHz	1.67 A	10-25V DC	780 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL120W850C	12V AC / DC 0-35KHz	1.67 A	10-24V DC	850 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL120W1000C	12V AC / DC 0-35KHz	1.67 A	10-20V DC	1000 mA	0.80	90C°	A6, A7, A8, A9, Remote

* Under confirmed thermal condition **Pending



24V Input							
Model #	Input Voltage	Input Current	Output Voltage	Output Current	Power Factor	Max. TC	Dimension
DL220W350C	24V AC / DC 0-35KHz	0.84 A	20-57V DC	350 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL220W480C	24V AC / DC 0-35KHz	0.84 A	20-42V DC	480 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL220W520C	24V AC / DC 0-35KHz	0.84 A	20-39V DC	520 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL220W580C	24V AC / DC 0-35KHz	0.84 A	20-35V DC	580 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL220W600C	24V AC / DC 0-35KHz	0.84 A	20-34V DC	600 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL220W680C	24V AC / DC 0-35KHz	0.84 A	20-30V DC	680 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL220W700C	24V AC / DC 0-35KHz	0.84 A	20-29V DC	700 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL220W780C	24V AC / DC 0-35KHz	0.84 A	10-25V DC	780 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL220W850C	24V AC / DC 0-35KHz	0.84 A	10-24V DC	850 mA	0.80	90C°	A6, A7, A8, A9, Remote
DL220W1000C	24V AC / DC 0-35KHz	0.84 A	10-20V DC	1000 mA	0.80	90C°	A6, A7, A8, A9, Remote

Above models are also available as listed drivers (LD series) with external enclosure for remote mounting applications.

MECHANICAL SPECS.

"A6"	25x12.2 mm
"A7"	35.5x15.2 mm
"A8"	39.2x39.2x21.6 mm
"A9"	32x21x24 mm
Remote Enclosure	189.23x50.75x43.08 mm

