



Features:

- Output constant voltage
- Range 100-265V AC
- Built-in active PFC function
- Efficiency 80%
- Protections: short circuit/over load/ over current
- Cooling by free air convection
- IP20 design for indoor installation
- Dimming function: Built in DALI interface dimming function conform to DALI Protocol IEC62386
- Dimming range from 0.1% to 100%
- Suitable for intelligent LED lighting
- Compliance to worldwide safety regulations for lighting
- Suitable for dry locations



SELV

IP20



Models

ELED-15-12D

ELED-15-24D

Output Specifications

Output Voltage	12V	24V
Voltage Tolerance	$\pm 0.5\%$	
Output Current	0 - 1.25A	0 - 0.62A
Rated Power	15W	
Load Regulation	$\pm 1\%$	

Input Specifications

Input Voltage	100-265VAC	
Frequency Range	47-63Hz	
Full Load Efficiency (Typ.)	78%	80%
AC Current (Max.)	0.4A	
Leakage Current	<0.5mA	
Power Factor	PF \geq 0.65/120VAC PF \geq 0.65/230VAC PF \geq 0.65/265VAC (Full loading)	

Protection

Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed
Over Loading	$\leq 120\%$
Over Temperature	100°C \pm 10°C
Protection Class	I

Environment

Working Temperature	-40~+60°C (Refer to derating curve)
Working Humidity	20-90% RH, non-condensing

Safety & EMC

Storage Temperature, Humidity	-40~+80°C, 10-95% RH
Temperature Coefficient	±0.03%/°C (0-50°C)
Vibration	10-500Hz, 2G 10min./ 1 cycle, period for 60min.each along X, Y, Z axes

Safety & EMC

Safety standards	EN61347-1, EN61347-2-13
Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC
Isolation resistance	I/P-O/P I/P-FG O/P-FG: 100MΩ/500VDC/25°C/70%RH
EMC Emission	Compliance to EN55015 EN6100032,3 EN6100042,3,4,5,6,11 (≥50% load)
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,11

Other Specifications

Weight	0.13 Kg
Size	95x 40 x 25 mm
Packing	370 x 230x 160 mm (100PCS/CTN)

Mechanical Specifications

