



ELED 100W DP2 Series

Constant Voltage 24V 100W DALI Dimmable / Push-Dim

Models

Product Code ACC.DRV.ELED100DP2.24

ELED-100-24DP2

Output Specifications

Output Voltage 24V (24-26V adjust by NFC)

Voltage Tolerance $\pm 0.5\%$

Output Current 4.17A

Rated Power 100W

Load Regulation $\pm 2\%$

Input Specifications

Input Voltage 100-277VAC

Frequency Range 47-63Hz

Inrush Current 59A (Twidth=210 μ A 230VAC)

Full Load Efficiency (Typ.) 87%

AC Current (Max.) 0.8A

Leakage Current <0.50mA

Power Factor PF>0.98@120VAC PF>0.96@230VAC PF>0.95/277VAC (Full Loading)

Protection

Short Circuit Constant current mode recovers automatically after fault condition is removed

Over Loading $\leq 120\%$, constant current limiting, recovers automatically after fault condition is removed

Over Temperature $\leq 100^{\circ}\text{C} \pm 10^{\circ}\text{C}$

Protection Class I

Environment

Working Temperature $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ (Refer to derating curve)

Working Humidity 20-95% RH, non-condensing



Safety & EMC

Storage Temperature, Humidity	-40°C~80°C, 10-95% RH
Temperature Coefficient	±0.03%/°C (0-50°C)
Vibration	10-500Hz, 5G 10min./ 1 cycle, period for 60min.each along X,Y,Z axes

Safety & EMC

Safety Standards	EN61347-1, EN61347-2-13, EN62493, IP66
Withstand Voltage	I/P-O/P: 3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC
Isolation Resistance	I/P-OP/P I/P-FG : 100MΩ/500VDC/25°C /70%RH
EMC Emission	Compliance to EN61000-4-2,3,4,5,6,11 EN61547

Other Specifications

Weight	0.83 Kg
Size	231 x 78 x 25.1 mm
Packing	355 x 300 x 170 mm (20PCS/CTN, 18kg /CTN)

Mechanical Specifications

