

## SLD96-24VC-UNI-A



### Features

UL Listed Power Supply for constant voltage LED luminaire – Metal housing

UL 8750 Class 2 output

Open circuit, short circuit, overload and over temperature protection

Auto restart after fault conditions removed

No load power consumption <0.5W

THD <20% (load between 7-96W) @ 120V AC

Efficiency >85% (AC120V, full load)

Warranty 5 years

### GENERAL INFORMATION

Model	Input	Output Voltage	Output Power
SLD96-24VC-UNI-A	100-250Vac	24Vdc	96W (Max.)
<b>Input</b>		<b>Output</b>	
Rated Supply Voltage (Vac)	120-240V	Output Voltage(Vdc)	24V
Voltage Range (Vac)	108-264V	Output Current(A)	0 - 4.0A
Line Frequency (Hz)	50/60 Hz	Output Ripple(V)	1.3(V <sub>p-p</sub> )
Input Current(A)	0.95A@120V	<b>Dimming</b>	
Input Power(W)	111W	Dimming Control	1 - 10V
THD (2)	<20%	Dimming Range	OFF, 10% - 100%
Power Factor (3)	0.95	Dimming Type	PWM
Efficiency (3)	≥85%	Frequency	600Hz
Stand-by Power(W)	<0.5W	24V Output Source Current	Max. 100mA
Inrush Current (Apk/μs)	50A/60μs	Absolute maximum voltage Range (On the 1~10V input pin)	30V
<b>Protection</b>		Source Current (On 1~10V input pin)	170μA
Over Voltage Protection	YES	<b>Ambient and Life</b>	
Short Circuit Protection	YES	Ambient Operating Temp.	-20 to 25°C
Over Temperature Protection	YES	Storage Temp.	-30 to 80 °C
Overload Protection	YES	Relative Humidity	5% to 85%
Surge Protection (KV)	L-N:1KV L,N-PE:2kV	Nominal Life-Time	50,000hrs@Ta=25°C
<b>Others</b>		<b>Safety&amp;EMC Compliance</b>	
Weight(g)	925g	UL/CUL	UL1310 CSA C22.2 NO. 250.13-12 UL8750 CSA C22.2 NO. 223-M91
Casing Material	Metal	CE	EN 61347-1 EN61347-2-13 EN55015 EN61547 EN61000-3-2 EN61000-3-3
Housing Color	Silver	FCC Part 15	ANSI C63.4:2014 Class B
UL Environmental Rating	Dry and damp locations		
IP Rating	IP20		