



QZ-DMX LED Power Supply - 96W



- Class 2 LED power supply with DMX control capabilities
- Features up to 4 channel outputs that can power static white, static color, warm dim and dynamic color LED products
- Compatible with the Q-Tran NFC App for reading and writing DMX Addresses and adjusting output voltage

1	2	3	4	5	6	7
PRODUCT	WATTAGE	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CONTROL	CHANNEL	COLOR
QZ	96W	UNV	24V	DMX	4CH	BK

Sample Part Number: **QZ-96W-UNV-24V-DMX-2CH-BK**

1	2	3	4
PRODUCT	WATTAGE	PRIMARY VOLTAGE	SECONDARY VOLTAGE
QZ	96W	UNV Universal	24V

5	6	7
CONTROL	CHANNEL	COLOR
DMX	4CH 4 Channel	BK Black Powder Coat Finish

PRODUCT INFORMATION

- Vertical or horizontal surface mount
- Constant voltage output
- 8 Bit DMX Control
- RDM addressing
- NFC App for addressing & Voltage adjust
- Adjustable output voltage - Range: 24V-26V
- DMX dimming down to 0.1%
- IP66 Rated
- Suitable for dry, damp and wet locations
- Suitable for indoor & outdoor use
- Primary voltage - universal (100-277V)
- Wide operating temperature range: -40°F to +140°F
- UL, cUL listed
- Type HL rated
- Compliant to FCC 47 CFR Part 15 Subpart B
- 5 year warranty



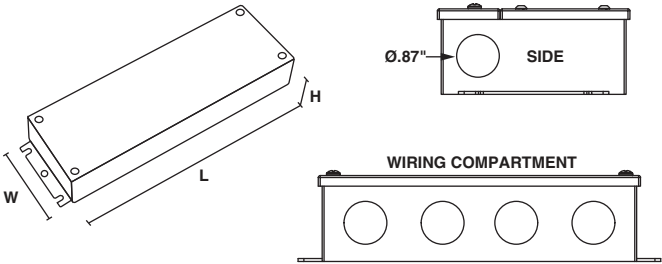
VOLTAGE DROP CHART

Wiring from power supply to light fixture must be single multiconductor cable

VDC	Load Wattage (W)	Distance from PS for 5% Voltage Drop								
		10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG	26 AWG
24	15	913	574	361	227	143	90	55	35	22
	30	456	287	181	114	71	45	28	17	11
	60	228	143	90	57	36	22	14	9	5
	80	171	108	68	43	27	17	10	7	4
	96	143	90	56	35	22	14	9	5	3

1 PRODUCT - DIMENSIONS

Wattage	Length (in)	Width (in)	Height (in)
96W	9.5	4.5	1.6



2 TECHNICAL INFORMATION

Channel	Wattage	Primary Voltage	Secondary Voltage	Secondary Current
CH1	96W	100-277V	24VDC	1X4A
CH2	96W	100-277V	24VDC	2X2.08A
CH3	96W	100-277V	24VDC	3X1.39 A
CH4	96W	100-277V	24VDC	4X1.04A



QZ-DMX

LED Power Supply - 96W

LPQZ96WUNV24VDMX4CH

SPECIFICATIONS

Input	
Input Voltage (Vrms)	110-277V
Input Current, max (Arms)	1.25A @ 100V
Inrush Current, max* (Apk)	48.5A @ 277V
Input Frequency (Hz)	50/60
Input Power (W)	125

Output	
Output Voltage, nom (V)	24
Output Current (A)	4.17A @ 24V
Output Power (Wmax)	96W

Environmental	Min	Nom	Max
THD (%)	-	-	20
PF (%)	0.94	-	-
Working Temp (°F)	-	-	140
IP Rating	66	-	-

*-200us event

PROTECTIONS

- Short Circuit Protection (SCP)
- Over Loading Protection (OLP)
- Over Temperature Protection (OTP)
- I/P-O/P: 1.88KVAC
- I/P-O/P: 100MΩ/500VDC/77°F/70%RH

7 COLOR

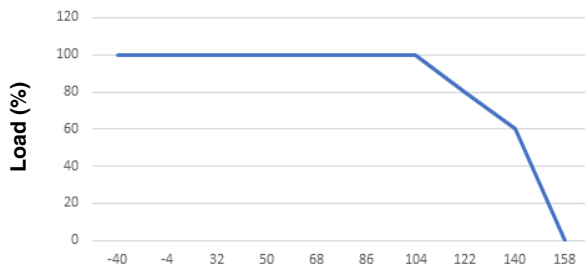


Black Powder
Coat Finish

COMPLIANCE/SAFETY

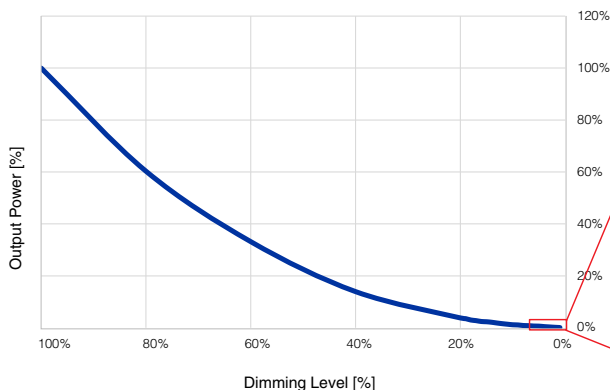
- EMI/RFI
 - FCC 47 CFR Part 15 Subpart B
- Certified
 - UL8750

Derating Curve



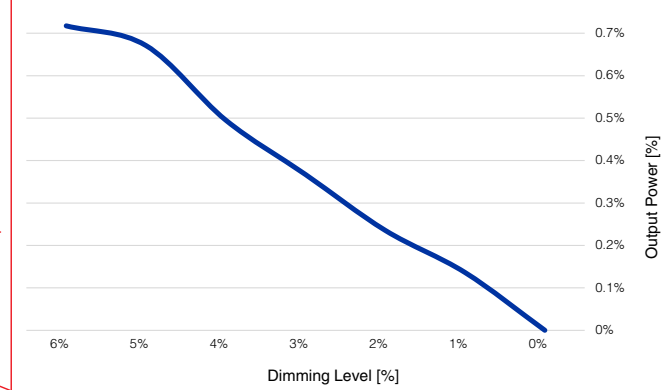
Ambient Temperature (°F)

QZ-DMX Dimming Curve



Exploded View

QZ-DMX Dimming Curve



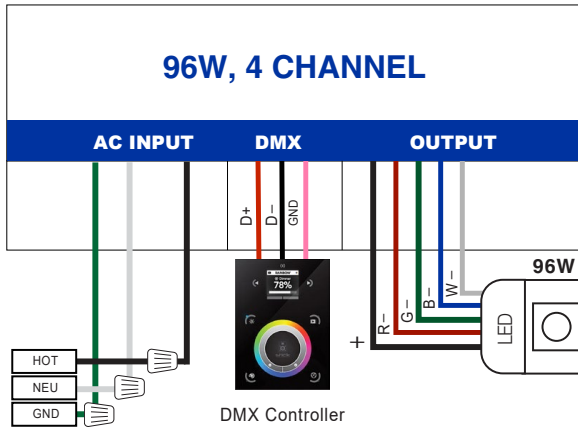


QZ-DMX

LED Power Supply - 96W

LPQZ96WUNV24VDMX4CH

WIRING DIAGRAM



- Wiring from power supply to light fixture must be single multiconductor cable.
- For best practice use a DMX Optosplitter for splitting DMX connections.
- Default DMX address for the driver is #1 and default output voltage is 24V.