



QTM-eLED+IA

12V or 24V DC Power Supply -
60W-200W



- DC power supply designed for individually addressable LED linear strips
- Available in 12 or 24VDC and 60-200 watts of power
- Controllable via DMX commands
- Provides an SPI signal from a DMX command to compatible LED strips
- Power supplies and modules are prewired together with terminal blocks for power and control wires
- Housing can be recessed or surface mounted

1 PRODUCT	2 WATTAGE	3 PRIMARY VOLTAGE	4 SECONDARY VOLTAGE	5 CONTROL	6 COLOR
QTM-eLED		UNV		IA	

Sample Part Number: QTM-eLED-UNV-12VDC-IA-WH

1 PRODUCT	2 WATTAGE	3 PRIMARY VOLTAGE	4 SECONDARY VOLTAGE
QTM-eLED	60W 120W	UNV Universal (120-277V)	12VDC
	100W 200W	UNV Universal (120-277V)	24VDC
5 CONTROL	6 COLOR		
IA Individually Addressable	WH White (Standard) BK Black Powder Coat Finish		

COMPATIBLE LEDS

STATIC WHITE

SW24/1.5-4.0	
SW24/5.0, SW-HE, SW-HE+	
SD-SW24/1.0-4.0	
SD-SW24/6.0	
SW-IA	✓
SW-XT	

OTHER

DW-HE Tunable Applications	
DW-HE Warm Dim Applications	
WD	
SC	
RGB	
RGBW, RGBW-HE	

SHEETS

Q-SHEETS SW	
Q-SHEETS DW Tunable Applications	
Q-SHEETS DW Warm Dim Applications	
Q-SHEETS RGB	
Q-SHEETS RGBW	

MICRO 5

MICRO 5-SW	
MICRO 5-DW Tunable Applications	
MICRO 5-DW Warm Dim Applications	
MICRO 5-RGB	

PRODUCT INFORMATION

- Output voltage and output current limited, plus isolation for safe operation
- Controllable with DMX commands - max 512 addresses per universe
- Provides SPI signal to LED strip
- For use with individually addressable or Pixel SPI LED product
- Suitable for dry and damp locations
- Suitable for surface or recessed mounting use
- Primary voltage - universal (120-277V)
- Fits up to (2): 60W 12VDC or (2): 100W 24VDC driver(s) and DMX-to-SPI decoder module(s)
- Wide operating temperature range: -4°F to 122°F
- 5 year warranty
- Driver has Class A sound rating
- Class 2 output
- CSA #239924
- Low Voltage Lighting Systems
 - CSA class 3425-15 and class 3425-95
 - CSA standard C22.2 No. 250.0-08 - Luminaires
 - ANSI/ UL standard2108 - Low voltage lighting systems
 - CSA standard C22.2 No 250.13-14 - Light emitting diode (LED) equipment for lighting applications
 - ANSI/ UL standard8750 - Light emitting diode (LED) equipment for use in lighting products



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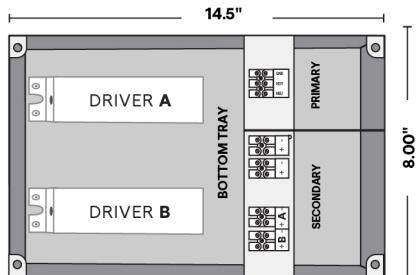
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VOLTAGE DROP CHART

This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved

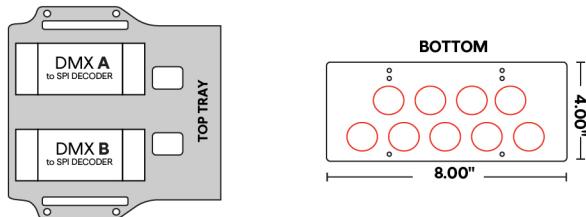
VDC	Load Wattage (W)	Distance from PS for 5% Voltage Drop					
		10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG
12	12	50	50	50	50	50	50
	25	50	50	50	50	43	27
	60	50	50	45	28	18	11
24	17	50	50	50	50	50	50
	25	50	50	50	136	86	54
	40	50	50	50	50	50	34
	80	50	50	50	43	27	17
	100	50	50	50	34	21	14

1 PRODUCT - DIMENSIONS



2 TECHNICAL INFORMATION

Wattage	Max Load (Watts)	Secondary Voltage	Max Prim Amps @ 120V	Max Prim Amps @ 277V
60W	1x60W	12VDC	0.60A	0.29A
100W	2x60W	12VDC	1.20A	0.58A
100W	1x100W	24VDC	0.95A	0.40A
200W	2x100W	24VDC	1.90A	0.80A



HOUSING

- 18 gauge welded steel enclosure: 14.5"W x 8.00"H x 4.00"D
- Door: 15.5"W x 9.00"H
- Knockouts: 9
- Built-in support bracket incorporated to secure housing for surface mounting

PERFORMANCE

- Rated for surface mount or recessed use
- Fully rated to operate low voltage load at listed wattage (No derating required)
- Voltage regulation to 2% or less of rated output voltage
- Universal input range of 120-277 Vrms
- Low Voltage Lighting Systems
 - CSA Class 3425-15 and Class 3425-95
 - Short circuit protection (SCP)
 - Over voltage protection (OVP)
 - Over current protection (OCP)
 - Live tested by the manufacturer to ensure proper operation
- Terminal blocks are made of tin plated copper with a voltage rating of 300V and a current rating of 40A



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6 COLOR



Black Powder
Coat Finish

White
(Standard)