



QTM-eLED+TW

24V DC Power Supply - 100W-300W



- DC power supply designed for tunable white applications
- Utilizes 100W constant voltage LED drivers and QTL's proprietary AW dimming module
- Control provided by two 0-10V inputs: one for intensity and one for color temperature
- Available in 100-300 watts of output
- Housing can be surface or recess mounted

1 PRODUCT	2 WATTAGE	3 PRIMARY VOLTAGE	4 SECONDARY VOLTAGE	5 CONTROL	6 COLOR
QTM-eLED		UNV	24VDC	TW	

Sample Part Number: QTM-eLED-100W-UNV-24VDC-TW-WH

1 PRODUCT QTM-eLED	2 WATTAGE 100W 200W 300W	3 PRIMARY VOLTAGE UNV Universal (120-277V)	4 SECONDARY VOLTAGE 24VDC
5 CONTROL TW Tunable White	6 COLOR 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-1A	
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

- Limited output voltage and current, plus isolation for safe operation
- QTL proprietary dimming curve
- Controllable with 2x0-10V inputs; CCT and Intensity Control
- Control 2 LED channels
- 0-10V dimming down to 0%
- Fully potted driver(s) for moisture resistance
- Suitable for dry and damp locations
- Suitable for surface or recessed mounting use
- Primary voltage - universal (120-277V)
- Wide operating temperature range: -4°F to 122°F
- Fits up to (3): 100W 24 VDC driver(s) and Tunable White Module
- 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 standard 2108 - Low voltage lighting systems
 - CSA standard C22.2 No 250.13-14 - Light emitting diode (LED) equipment for lighting applications
 - ANSI/ UL standard 8750 - Light emitting diode (LED) equipment for use in lighting products





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24V DC Power Supply - 100W-300W

- Door: 15.5"W x 9.00"H
- Knockouts: 25
- Built-in support bracket incorporated to secure housing for surface mounting

- Fully rated to operate low voltage load at listed wattage (No derating required)
- Voltage regulation to 2% or less of rated output voltage
- The ability to be dimmed using 0-10V dimming
- 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

SPECIFICATIONS

Input	24VDC		
Input Voltage (Vrms)	120	230	277
Input Current, max (Arms)	0.98	0.51	0.43
Inrush Current, max* (Apk)	-	20	-
Input Frequency (Hz)	50/60		
Input Power (Wmax)	117		

Output	3000K	2000K
Output Voltage, nom (V)	24	24
Output Current (A)	2.0	1.5
Output Power (Wmax)	100	100
Dimming 0-10V, max	2mA	

Environmental	Min	Nom	Max
THD (%)	-	-	20
PF (%)	0.90	-	-
Case Temp (°F)	-	-	90

*-200us event

PROTECTIONS

- Short Circuit Protection (SCP)
- Over Voltage Protection (OVP)
- Over Current Protection (OCP)
- Class 2 Output

COMPLIANCE

- EMI Spec
 - FCC 47 Part 15
 - EN61000-3-2
- CSA Certified
 - UL-2108
 - UL-8750
 - CSA C22.2 No 250.0-08
 - CSA C22.2 No 250.13-14

6 COLOR

	Black Powder Coat Finish
	White (Standard)



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