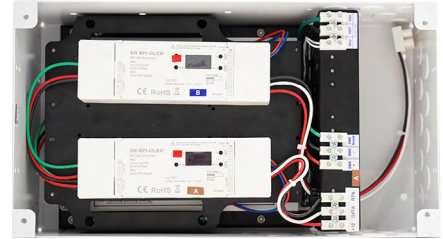


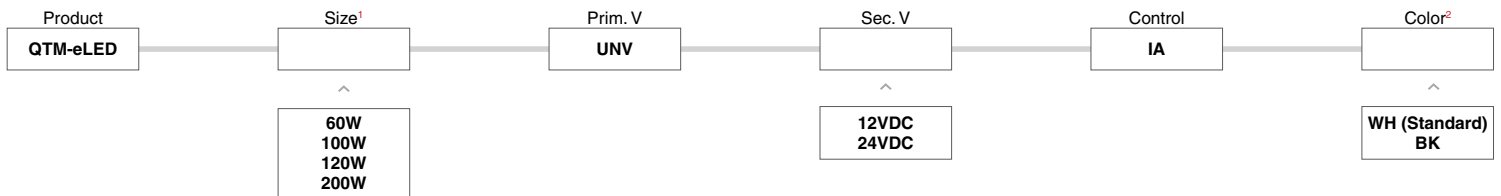
# QTM-eLED+IA LED POWER SUPPLY 60W-200W



QTM-eLED+IA is an LED power supply for our individually addressable line of LED linear strips. It is available in 12 or 24VDC and 60-200 watts of power. Controllable via DMX commands, the QTM-eLED+IA provides an SPI signal from a DMX command to our compatible LED strips. The power supplies and modules are all prewired together along with terminal blocks for power and control wires. The housing can be recessed or surface mounted.



## Part Number Builder



Separate DMX universe per decoder configuration available upon request

## Technical Information

### <sup>1</sup> Size

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

### <sup>2</sup> Color

**WH** White (Standard)  
**BK** Black Powder Coat Finish

## Voltage Drop Chart

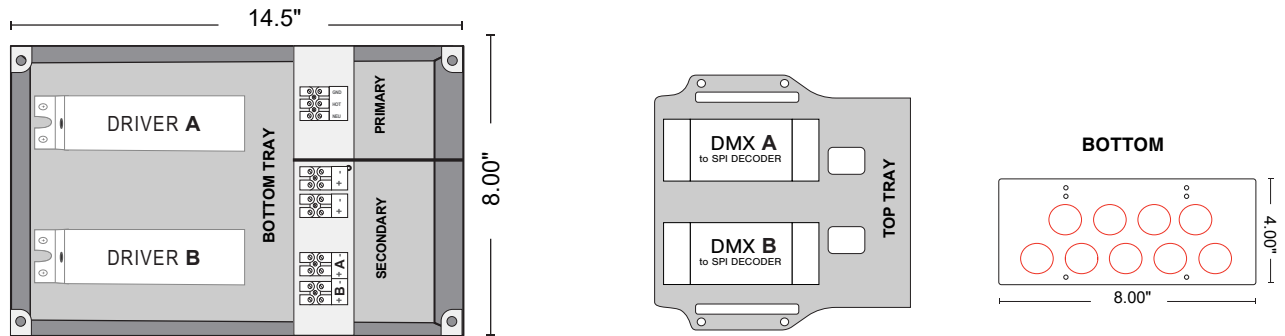
VDC	Watts (W)	10 AWG (5.6mm <sup>2</sup> )	12 AWG (3.3mm <sup>2</sup> )	14 AWG (3.0mm <sup>2</sup> )	16 AWG (1.3mm <sup>2</sup> )	18 AWG (0.78mm <sup>2</sup> )	20 AWG (0.50mm <sup>2</sup> )
12	12	50'	50'	50'	50'	49'	31'
	25	50'	50'	45'	28'	18'	11'
	60	7'	4'	3'			
24	17	50'	50'	50'	50'	50'	50'
	25	50'	50'	50'	50'	50'	50'
	40	50'	50'	50'	50'	48'	30'
	80	50'	50'	50'	32'	20'	13'
	100	50'	50'	33'	21'	13'	8'

\*Distances are based on a 5% Voltage drop max.

- 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
- Due to data signal degradation, max wire length is 50'



# QTM-eLED+IA LED POWER SUPPLY 60W-200W



## 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

- Power Supply
  - : 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 manufacture to ensure proper operation
  - : Manufacturer offers a minimum of 5 years warranty
- Terminal blocks is made of tin plated copper with a voltage rating of 300V and a current rating of 40A

- 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 years 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

