

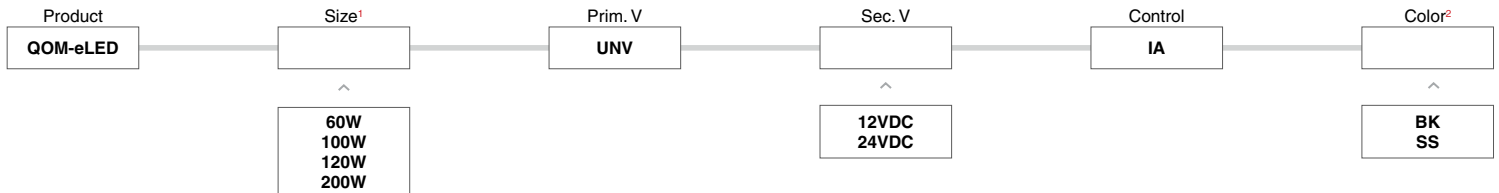
QOM-eLED+IA LED POWER SUPPLY 60W-200W



QOM-eLED+IA is Q-Tran's power supply for our individually addressable line of LED linear strips. Controllable with DMX commands with a maximum of 512 addresses per universe the QOM-eLED+IA provides an SPI signal to compatible LED strips. Suitable for indoor or outdoor use and can be surface or wall-mounted.



Part Number Builder



Separate DMX universe per decoder configuration available upon request

Technical Information

¹ 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

² Color

BK Black Powder Coat Finish (Standard)
SS 316 Marine Grade Stainless Steel

Voltage Drop Chart

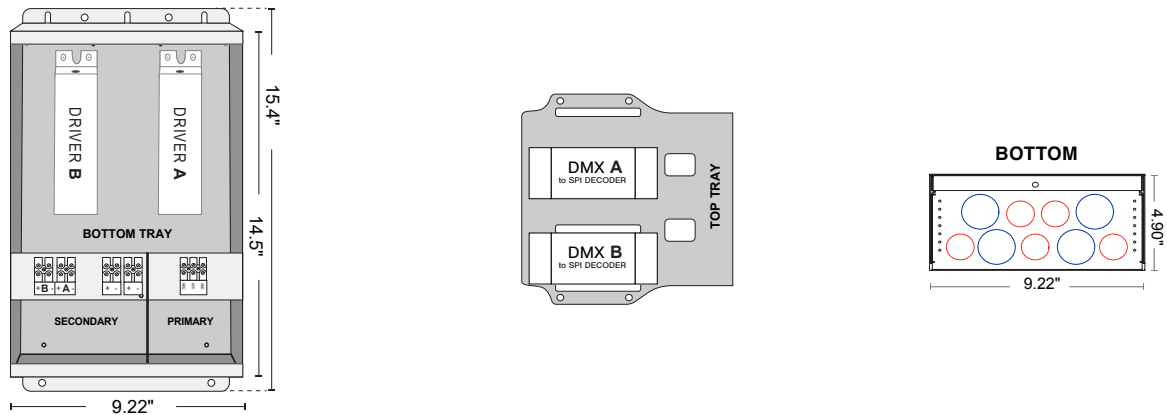
VDC	Watts (W)	10 AWG (5.6mm ²)	12 AWG (3.3mm ²)	14 AWG (3.0mm ²)	16 AWG (1.3mm ²)	18 AWG (0.78mm ²)	20 AWG (0.50mm ²)
		12	12	50'	50'	50'	50'
	25	50'	50'	45'	28'	18'	11'
	60	7'	4'	3'			
24	17	50'	50'	50'	50'	50'	50'
	25	50'	50'	50'	50'	50'	50'
	40	50'	50'	50'	50'	48'	30'
	80	50'	50'	50'	32'	20'	13'
	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



QOM-eLED+IA LED POWER SUPPLY 60W-200W



Housing

- 18 gauge welded steel enclosure: 15.4"L x 9.22"W x 4.90"D
- Door: 14.5"L x 9.27"W
- Knockouts: 9
- Built-in support bracket incorporated to secure housing for surface mounting

Performance

- Power Supply
 - : Rated for surface mount or outdoor 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
- LED Landscape Lighting System Components
 - : CSA Class 3402-15 and Class 3402-95
- 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

<ul style="list-style-type: none"> • 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, damp, and wet locations • Surface mount only • 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 	<ul style="list-style-type: none"> • Driver has Class A sound rating • Class 2 output • CSA #239924 <p>Low Voltage Lighting Systems</p> <ul style="list-style-type: none"> : CSA Class 3425-15 and Class 3425-95 : CSA Standard C22.2 No. 250.0-08 - Luminaires : ANSI/ UL Standard 2108 - Low Voltage Lighting System : ANSI/ UL Standard 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products : CSA Std C22.2 No 250.13-14 - Light Emitting Diode (LED) Equipment for Lighting Applications <p>Landscape Lighting Systems</p> <ul style="list-style-type: none"> : CSA Class 3402-15 and Class 3402-95 : CSA Standard C22.2 No. 250.7-07 - Extra-Low-Voltage Landscape Lighting Systems : ANSI/ UL Standard 1838 - Low Voltage Landscape Lighting Systems : ANSI/ UL Standard 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products : CSA Std C22.2 No 250.13-14 - Light Emitting Diode (LED) Equipment for Lighting Applications
--	---

