



QOM-eLED+IA

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



- Compatible with QTL's individually addressable LED linear strips.
- Can be controlled using DMX commands, allowing for precise and customizable lighting effects.
- Supports a maximum of 512 addresses per universe, providing flexibility in addressing multiple LED strips.
- It provides an SPI (Serial Peripheral Interface) signal to drive the compatible individually addressable LED strip lights.
- The power supply is suitable for both indoor and outdoor use, making it versatile for various lighting applications.
- It can be either surface-mounted or wall-mounted, offering installation flexibility based on your specific requirements.

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

Sample Part Number: **QOM-eLED-60W-UNV-12VDC-IA-BK**

1 PRODUCT	2 WATTAGE	3 PRIMARY VOLTAGE	4 SECONDARY VOLTAGE
QOM-eLED	60W 120W	UNV Universal (120-277V)	12VDC
	100W 200W	UNV Universal (120-277V)	24VDC

5 CONTROL	6 COLOR
IA Individually Addressable Separate DMX universe per decoder configuration available upon request	BK Black Powder Coat Finish (Standard) SS 316 Marine Grade Stainless Steel

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
- 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
- Landscape Lighting Systems
 - 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



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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 (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
12	12	601	378	238	149	94	59	37	23	15
	25	288	181	114	72	45	28	18	11	7
	60	120	76	48	30	19	12	7	5	3
24	17	848	533	336	211	133	84	53	33	21
	25	577	363	228	143	90	57	36	22	14
	40	360	227	143	90	56	36	22	14	9
	80	180	113	71	45	28	18	11	7	4
	100	144	91	57	36	23	14	9	6	4

VDC	Load (W)	Distance from PS for 3% Voltage Drop								
		10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG	26 AWG
12	12	360	227	143	90	56	36	22	14	9
	25	173	109	68	43	27	17	11	7	4
	60	72	45	29	18	11	7	5	3	2
24	17	509	320	201	127	80	50	32	20	13
	25	346	218	137	86	54	34	21	14	9
	40	216	136	86	54	34	21	13	8	5
	80	108	68	43	27	17	11	7	4	3
	100	87	54	34	22	14	9	5	3	2

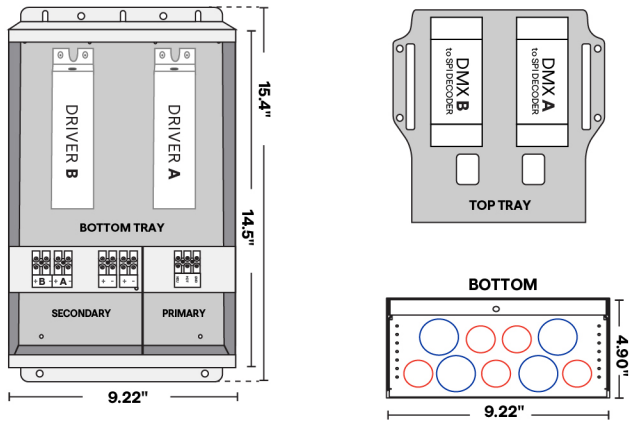
VDC	Load (W)	Distance from PS for 1% Voltage Drop								
		10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG	26 AWG
12	12	120	76	48	30	19	12	7	5	3
	25	58	36	23	14	9	6	4	2	1
	60	24	15	10	6	4	2	2	1	1
24	17	170	107	67	42	27	17	11	7	4
	25	115	73	46	29	18	11	7	5	3
	40	72	45	29	18	11	7	5	3	2
	80	36	23	14	9	6	4	2	1	1
	100	29	18	11	7	5	3	2	1	1



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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: 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

- 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 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

6 COLOR

