



Q-DIM

24V DC Power Supply - 60W-96W



- 120V phase dimmer with integral power supply
- Dims down to 1%
- 24VDC constant voltage output
- Available in 60W and 96W

1	2	3	4	5	6
PRODUCT	WATTAGE	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CONTROL	COLOR
Q-DIM		UNV	24V	PH/010	

Sample Part Number: Q-DIM-60W-UNV-24V-PH/010-BK

1	2	3	4
PRODUCT	WATTAGE	PRIMARY VOLTAGE	SECONDARY VOLTAGE
Q-DIM	60W 96W	UNV Universal (120-277V)	24V
5	6		
CONTROL	COLOR		
PH/010 Phase or 0-10V dimming	WH White (Standard) BK Black Powder Coat Finish		

COMPATIBLE LEDS

STATIC WHITE

SW24/1.5-4.0 SW-DR24/1.5-4.0 SHLD-SW24/1.5-4.0	✓
SW24/5.0, SW-HE, SW-HE+ SW-DR24/5.0, SW-HE-DR SHLD-SW24/5.0, SHLD-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	

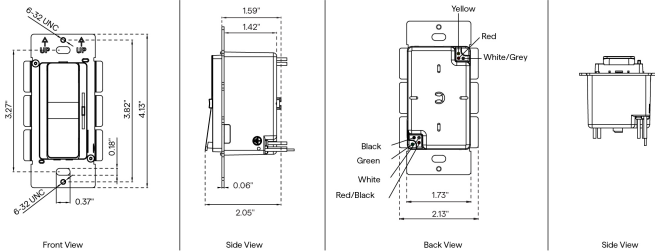
PRODUCT INFORMATION

- Constant voltage output
- Adjustable output voltage: 24-26V
- PH ELV Dimming:
 - Flicker-free dimming
 - PWM (high frequency) output reduces visible flicker
- Suitable for dry and damp locations
- Suitable for indoor use
- Primary voltage - 120V
- Wide operating temperature range: -40°F to +140°F
- UL, cUL listed
- Compliant to FCC Part 15B
- 5 year warranty

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1 PRODUCT - DIMENSIONS



2 TECHNICAL INFORMATION

Wattage	Primary Voltage	Secondary Voltage	Secondary Current
30W	110-277V	24VDC	1.25 A
60W	110-277V	24VDC	2.5 A
96W	110-277V	24VDC	1x4 A
192W	110-277V	24VDC	2x4 A
288W	110-277V	24VDC	3x4 A

SPECIFICATIONS

Input	
Input Voltage (Vrms)	120V
Input Current, max (Arms)	0.9A @ 120V
Inrush Current, max* (Apk)	50A @ 120V
Input Frequency (Hz)	60
Input Power (W)	108

Output	
Output Voltage, nom (V)	24
Output Current (A)	96W, 4A @ 24V
Output Power (Wmax)	96W

Environmental	Min	Norm	Max
THD (%)	-	-	10
PF (%)	0.95	-	-
Working Temp (°F)	-	-	140

*-200us event

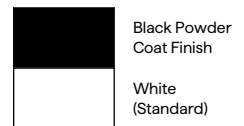
PROTECTIONS

- Short Circuit Protection (SCP)
- Over Loading Protection (OLP)
- Over Temperature Protection (OTP)
- I/P-O/P: 1.88KVAC / I/P-O/P: 100MΩ / 500VDC / 77°F / 70%RH

COMPLIANCE

- EMI/RFI
 - FCC 47 CFR Part 15 Subpart B
- Certified
 - UL8750

6 COLOR

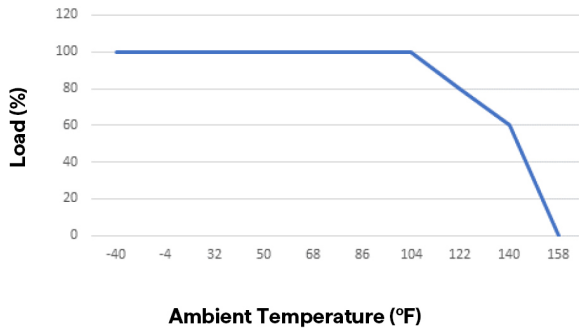




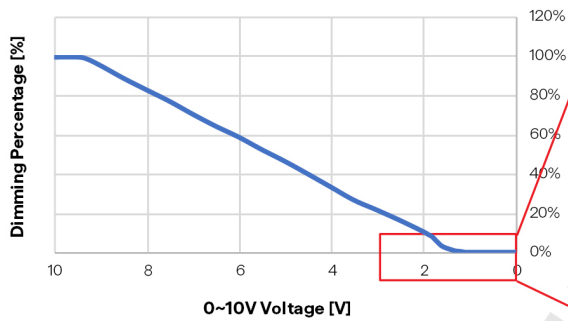
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Derating Curve

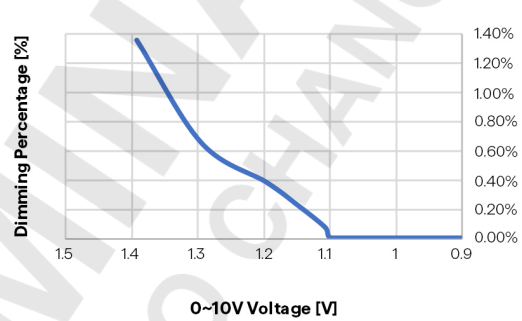


PH-010 QZ Dimming Curve



Exploded View

QZ Dimming Curve



COMPATIBLE WIRING ACCESSORIES

