

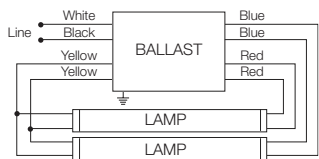
SPECIFICATION DATA

Catalog #	Date	Type
Project	Prepared by	
Comments		

**QUICKTRONIC® T12 Electronic Fluorescent Ballasts
40T12RS & 96T12IS Universal Voltage (120-277V)**

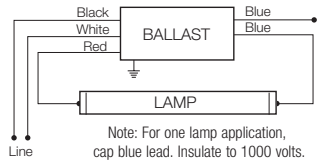
Item Number	OSRAM SYLVANIA Description	Input Current (AMPS) @120/277V	Lamp' Type	Rated Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Input Power (W) @120/277V	System Efficacy ² (lm/W) @120/277V	BEF ¹
50314	QTP2x40T12/UNV/RS/SC	0.62/0.27	F40T12/D30/ECO	3200	2	0.88	5630	74/74	76	1.19
		0.53/0.23	F34/D830/SS	2900	2	0.85	4930	63/63	78	1.35
50308	QTP2x96T12/UNV/IS	1.12/0.50	F96T12/D41/ECO	6420	2	0.86	11,040	134/130	82/85	0.66
		0.91/0.40	F96T12/CW/SS	5300	2	0.87	9220	108/106	85/87	0.82
		0.88/0.40	F72T12/CW	4500	2	0.92	8280	105/103	79/80	0.89
		0.62/0.28	F48T12/CW	2820	2	0.92	5190	73/71	71/73	1.30
		0.52/0.24	F48T12/SS/CW	2450	2	0.92	4510	62/61	73/74	1.51
		0.69/0.31	F96T12/D41/ECO	6420	1	1.01	6485	82/81	79/80	1.25
		0.56/0.27	F96T12/CW/SS	5300	1	1.10	5830	67/66	87/88	1.67
		0.55/0.26	F72T12/CW	4500	1	1.07	4815	65/64	74/75	1.67

New 50308 QTP2x96T12/UNV/IS model replaces 50318 that is discontinued.
 Also compatible with other manufacturer's equivalent lamp types that meet ANSI standards.
 1: Ballast Efficiency Factor (BEF) shown = (Ballast Factor x 100) divided by Input Power (Note: calculation based on lowest wattage value).
 2: System Efficacy calculation based on lowest input power value unless otherwise noted.



Ground Ballast and mount lamps within 1/2" of grounded metal reflector

QTP 2x40T12 RS



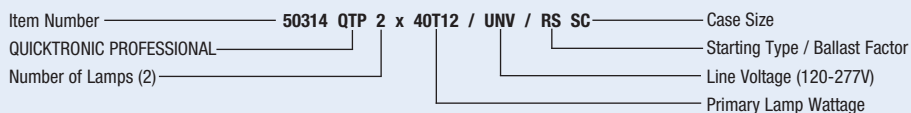
Note: For one lamp application, cap blue lead. Insulate to 1000 volts.

Ground Ballast and mount lamps within 1/2" of grounded metal reflector

QTP 2x96T12 IS

Dimensions:
 Model QTP2x40T12/UNV/RS/SC enclosure size
 Overall: 9.5" L x 1.38" W x 1.18" H
 Mounting: 8.9"
 Weight: 1.25 lbs ea. (approx.)

Dimensions:
 Model QTP2x96T12/UNV/IS enclosure size
 Overall: 11.75" L x 2.15" W x 1.61" H
 Mounting: 11"
 Weight: 4.67 lbs ea. (approx.)



Normal Ballast Factor

T12 UNV

Professional Series

Performance Guide



T12 SYSTEMS

Specifications

Data based on F40T12 for RS, F96T12 for IS

Starting Method:
 RS - Rapid Start
 IS - Instant Start

Circuit Type: RS - Parallel;
 IS - Parallel;

Starting Temp: 0°F (-18°C)
 SUPERSAVER® Lamps: 60°F(16°C)

Input Frequency: 60 Hz
 THD: QTP40T12/UNV RS: <10%;
 QTP2x96T12 IS: <15%

Power Factor: QTP40T12/UNV RS: >97%
 QTP2x96T12 IS >0.96 (for F96T12);
 >0.91(for other lamps)

Input Voltage: ±10% of Rated Input
Lamp Crest Factor: <1.8
Lamp Frequency: >20kHz

UL Listed Class P, Type 1 Outdoor
 CSA or CUL Certified
 70°C Max. Case Temp.
 FCC 47CFR Part 18 Non-Consumer
 Class A Sound Rating
 ANSI C62.41 Cat A. Transient Protection

System Life / Warranty

QUICKTRONIC products are covered by the QUICK 60+® warranty. For additional details, refer to the QUICK 60+ warranty bulletin.

OSRAM SYLVANIA
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 1-800-LIGHTBULB
 (1-800-544-4828)
 www.sylvania.com

Specifications subject to change without notice.