



SPECIFICATION DATA

Catalog #	Date	Type
Project	Prepared by	
Comments		

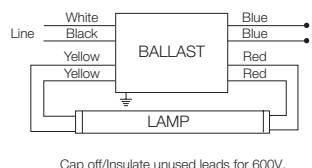
Electronic T12 Fluorescent Ballast QUICKTRONIC® 40T12RS & 96T12IS

Item Number	OSRAM SYLVANIA Description	Input Voltage (VAC)	Input Current (AMPS)	Lamp ¹ Type	Rated Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Input Power (W)	System Efficacy (lm/W)
50314	QTP2x40T12/UNV/RS/SC	120-277	0.62/0.27	F40T12/D30/ECO	3200	2	0.88	5632	74	76
		120-277	0.40/0.18	F40T12/D30/ECO	3200	1	1.10	3520	47	75
		120-277	0.53/0.23	F34/D830/SS	2900	2	0.85	4930	63	78
		120-277	0.34/0.15	F34/D830/SS	2900	1	1.10	3190	40	80
50318	QTP2x96/T12/UNV/IS	120-277	1.12/0.50	F96T12/D41/ECO	6420	2	0.86	11040	134/130	82/85
		120-277	0.91/0.40	F96T12/CW/SS	5300	2	0.87	9220	108/106	85/87
		120-277	0.88/0.40	F72T12/CW	3050	2	0.92	5610	105/103	53/55
		120-277	0.62/0.28	F48T12/CW	2820	2	0.92	5190	73/71	71/73
		120-277	0.52/0.24	F48T12/SS/CW	2450	2	0.92	4510	62/61	73/74
		120-277	0.69/0.31	F96T12/CW	6420	1	1.01	6485	82/81	78/79
		120-277	0.56/0.27	F96T12/CW/SS	5300	1	1.10	5830	67/66	87/88
		120-277	0.55/0.26	F72T12/CW	3050	1	1.07	3265	65/64	50/51
		120-277	0.40/0.20	F48T12/CW	2820	1	1.07	3015	47/46	64/66
		120-277	0.33/0.18	F48T12/SS/CW	2450	1	1.06	2595	39/38	67/68

40T12 Dedicated Voltage Systems

50688	QTP 3x40T12/120 RSN	120	0.91	F40T12/D41/ECO	3200	3	0.87	8350	107	78
50689	QTP 3x40T12/277 RSN	277	0.39	F40T12/D41/ECO	3200	3	0.87	8350	107	78

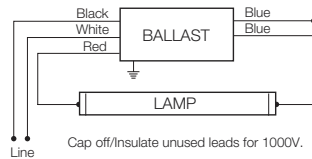
¹: Also compatible with other manufacturer's equivalent lamp types that meet ANSI standards ⊗ New Product.
 The following item numbers will be discontinued 49881, 49882, 50684, 50685, 50686, 50687.



Cap off/Insulate unused leads for 600V.

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

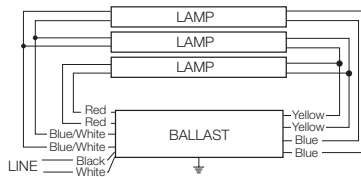
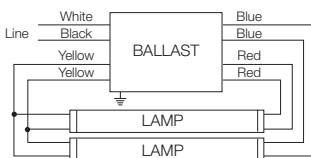
QTP 2x40T12 RS



Cap off/Insulate unused leads for 1000V.

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

QTP 2x96T12 IS



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

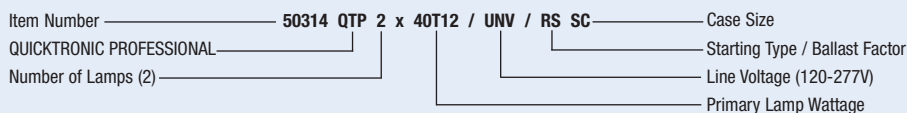
QTP 3x40T12 RSN

Dimensions 1 & 2 Lamp Enclosure
QTP 2x40T12 RS
 Overall: 9.5" L x 1.38" W x 1.18" H
 Mounting: 8.9"
 Weight: 1.25 lbs ea. (approx.)

Dimensions 3 Lamp Enclosure
QTP 3x40T12 RSN
 Overall: 9.5" L x 2.375" W x 1.5" H
 Mounting: 8.91"
 Weight: 2.4 lbs ea. (approx.)

Dimensions 1 & 2 Lamp Enclosure
QTP 2x96T12 IS
 Overall: 11.75" L x 3.11" W x 1.78" H
 Mounting: 11.14"
 Weight: 4.67 lbs ea. (approx.)

See page 102 for dimensional drawing.



Specifications subject to change without notice.

Specifications
Data based on F40T12 for RS, F96T12 for IS

- Starting Method:** RS and RSN - Rapid Start; IS - Instant Start
- Circuit Type:** RS - Parallel; IS - Parallel; RSN - Series
- Starting Temp:** RS: 0°F (-18°C); IS: 50°F (10°C); RSN: 50°F (10°C); SUPERSAVER® Lamps: 60°F (16°C)
- Input Frequency:** 60 Hz
- THD:** QTP40T12: <10%; QTP2x96: 120V <10%; 277V <20%; QTP3x40T12: <20%
- Power Factor:** 2 L RS >97%; 2L 96 IS >97% (>95 SS); 1L 96 >90% (>88 SS); 1L 48 & 72T12 >83 (76% SS)
- 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 our QUICK 60+® warranty. For additional details, refer to our QUICK 60+ warranty bulletin.

OSRAM SYLVANIA
National Customer Service and Sales Center
 1-800-LIGHTBULB (1-800-544-4828)
www.sylvania.com



T12 SYSTEMS