www.ledvanceUS.com

LEDVANCE T12 Ballasts

Normal Ballast Factor

120-277 Voltage High Efficiency

Lamp/Ballast Guide

2-LAMP T12HO RS
LTP2X96T12HOUNVRSSC
Primary Lamp: F92T12HO
Also operates:
2L or 1L F96T12HO
2L or 1L F96T12HO/ES, which is our SS
Only 2L F72T12HO
Only 2L F60T12HO

2-LAMP T12 IS
LTP2X96T12UNVISSC
Primary Lamp: F96T12
Also operates:
2L or 1L F72T12
2L or 1L F48T12

2-LAMP T12 RS
LTP2X40T12UNVRSSC
Primary Lamp: F40T12
Also operates:
Only 2L F34T12
Only 2L F30T12

Application Information

This LEDVANCE High Efficiency ballast is ideally suited for:

- Commercial and Industrial
- Hospitality and Institutional
- Retail and Office
- Maintenance Replacement

Scan or click QR code to access TLED Ballast Compatibility Listing



Ordering Information

Item Number	Description	# of lamps	Primary Lamp (W)	Lamp family	Line Voltage	Starting method	Ballast factor	Case ambient Temp.	Case size	Packaging
75870	LHE2X96T12HOUNVRSSC	2	110	T12HO	UNV	RS	N	High	SC	4/CS 1/SKU*
75868	LTP2X40T12UNVRSSC	2	40	T12	UNV	RS	N	Normal	SC	4/CS 1/SKU*
75869	LTP2X96T12UNVISSC	2	75	T12	UNV	IS	N	Normal	SC	4/CS 1/SKU*

*RETAIL PRODUCT: Sold in full CS only.

Electrical Specifications at 120-277V

Item Number	Description	Input Current (AMPS)	Lamp Type	Rated Lumens (LM)	# of Lamps	Ballast Factor (BF)	System Lumens	Input Power (W)	System Efficacy (LM/W)	BEF
75870	LTP2X92T12HOUNVRSSC	1.54 /0.66	F96T12HO	5000	2	0.88	15381	189	81	0.47
		0.80 / 0.37		5000	1	0.9	8321	100	83	0.900
		1.25/0.51	F96T12HOSS	8000	2	0.85	14400	152	94	0.559
		0.75/0.33		8000	1	0.87	7223	60	95	1.450
		1.18/0.50	F72T12HO	6250	2	0.9	11250	138	81	0.652
		0.97/0.41	F60T12HO	5200	2	0.99	9360	116	80	0.853
75868	LTP2X40T12UNVRSSC	0.56/0.24	F40T12	3200	2	0.91	5630	67/67	76	1.36
		0.45/0.20	F34T12	2900	2	0.91	4930	54/54	78	1.69
75869	LTP2X96T12UNVISSC	1.13/0.48	F96T12	6420	2	0.88	11040	135/132	82/84	0.65
		0.55/0.25			1	1.04	6485	84/82	77/79	1.24
		0.90/0.39	F72T12	4500	2	0.87	9220	108/106	85/87	0.81
		0.70/0.31			1	1.05	4815	68/67	70/72	1.54

Compatible with other manufacturer's equivalent flourescent lamp types that meet ANSI standards.
TLED compatibility is not all the same when crossing to an obsolete or other manufacturer; please refer and check our compability list before purchasing/installing.
Ballast Efficiency Factor (BEF) shown = (Ballast Factor x 100) divided by Input Power (Note: calculation based on lowest wattage value).

Energy Verified

LISTED 24A5 E519281

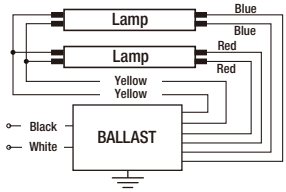
RoHS compliant

TRUSTED WARRANTY

ECS314R1 5-25

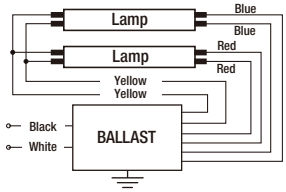
Wiring Diagram

75870



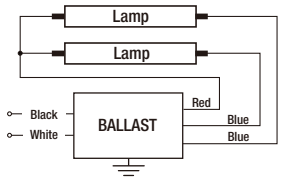
Note: For one lamp application, individually cap each yellow lead. Insulate to 387 volts.

75868



Note: No de-lamping.

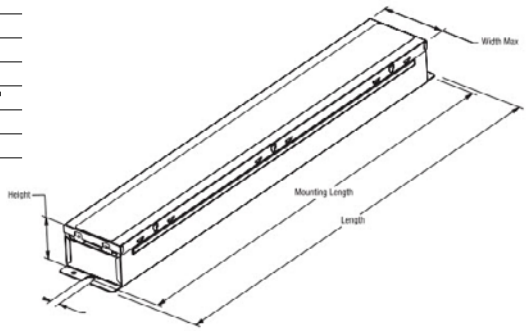
75869



Note: For one lamp application, cap any blue lead. Insulate to 750 volts.

Dimensions:

	75868	75869	75870
Overall Size (LxWxH)	9.5"x1.3"x1.1"	9.5"x1.7"x1.2"	9.5"x2.3"x1.6"
Mounting	8.9"	8.9"	8.9"
Weight	0.81 lbs.	1.51 lbs.	2.4 lbs.
Leads only	Yes	Yes	Yes
Lead Length	White/Black 25" Red, Blue 31" Yellow 46"	White/Black 25" Red 79" Blue 46"	White/Black 25" Red, Blue 46" Yellow 79"



Notes:
75868: Nearest sub for old Quicktronic 75304 QTP2X40T12UNVRSSC
75869: Nearest sub for old Quicktronic 75305 QTP2X96T12UNVISSC
75870: Nearest sub for old Quicktronic 75303 QTP2X96T12HOUNVRSSC

Packaging:
Quantity: 4 per Case. 1 per SKU
Notes: Leads only. No connectors provided.
Retail Product: Case is shrink-wrapped*
(SKU is individually shrink-wrapped w install guide)
*Purchase/Returns are only done in Full Case count, no exceptions.







NOTE: Retail Product comes completely shrink-wrapped and sold by the case only. Purchases/Returns can only be done in full case count, no exceptions. Returns in a sellable condition also imply the case is still shrink-wrapped.

Ordering Guide

75870 LHE 2 X 96T12 HO UNV RS SC

- Item Number
- LEDVANCE Brand
- Number of Lamps
- Case Type
- Starting Method
- Line Voltage
- System Type
- Primary Lamp Type

Products distributed by LEDVANCE LLC

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Specification Data

Type
Catalog #
Project
Comments
Prepared by

Performance Guide

Data based on fluorescent lamps listed. LHE Instant Start ballast is also compatible with other lamp manufacturer's equivalent lamp types that meet ANSI specifications.

Specifications

Input voltage: 120-277V
Starting Method: RS – Rapid Start
IS – Instant Start
Ballast Factor: 0.89
Circuit Type: Series
Lamp Frequency: >20 kHz
Input Frequency: 50/60 Hz
Low THD: <10%
Power Factor: ≥98%
Lamp CFF: <1.7
Voltage Range: ±10% of Rated Input of 120-277V rated line (108-305V)

Operating Temperatures
Starting Temp: -20°F (-29°C) for F96T12HO; 0°F (-18°C) for SUPERSAVER® F96T12HO/SS
Case Temp: 194°F (90°C) Max
Maximum Ambient Temperature: 131°F (55°C)
Operation below 50°F (10°C) may affect light output or lamp operation

Product Ratings
UL Listed Class P, Type 1, Outdoor,
FCC Part 18 Non-Consumer
Class A Sound Rating
ANSI C62.41 Cat. A Transient Protection
RoHS Compliant[1], NRCAN cert.
No PCBs.
Type HL
OCV 1000V

[1]Complies with European Union Restriction of Hazardous Substances Directive. (Directive 2002/95/EC)

Installation Notes

- Ground ballast case
- Install in accordance with the National & Local Electrical Codes
- Insulate unused leads for 600V
- Remote Mounting- 18ft. max Lead Length 18AWG

Warranty

LEDVANCE ballasts carry a five-year warranty from date of manufacture. For additional details, check out the latest Warranty Bulletin on our website ledvanceUS.com

SCAN OR CLICK QR CODE TO ACCESS WARRANTY.

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