

LEDVANCE T8 Instant Start

347 Volt High Efficiency Ballasts

Low and Normal Ballast Factor

Lamp/Ballast Guide

T8 Ballast 347V ISN and ISL

2 - lamp

4 - lamp

Primary lamps: 32W T8

Also operates:

FB032, FB031, FB024, F017,
FB016, F030/SS, FB029SS,
F028SS, F025WW, F17, F25, F32
and U-bend lamps.

F40T8 operates :

1 lamp on a 2L ballast

3 lamp on a 4L ballast



Scan or click QR code
to access TLED
Ballast Compatibility
Listing for approved
Type A lamps.

Application Information

These LEDVANCE High Efficiency ballasts
are ideally suited for:

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



SHOWN WRAPPED

Ordering Information

Item Number	Description	# of Lamps	Primary Lamp (W)	Lamp family	Line Voltage	Starting Method	Ballast Factor	Case Size	Packaging
75883	LHE2X32T8347VISNSCB	2	32	T8	347V	IS	N	Small	10/CS 1/SKU
75884	LHE4X32T8347VISNSCB	4	32	T8	347V	IS	N	Small	10/CS 1/SKU
75885	LHE2X32T8347VISLSCB	2	32	T8	347V	IS	L	Small	10/CS 1/SKU
75886	LHE4X32T8347VISLSCB	4	32	T8	347V	IS	L	Small	10/CS 1/SKU

Electrical Specifications at 347V

Item Number	Description	Input Current (AMPS)	Lamp Type	Rated Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens (lm)	Mean Lumens (lm)	Input Power (W)	System Efficacy (lm/W)	BEF*
75883	LHE2X32T8347VISNSCB	0.16	F32T8	2800	2	0.88	4925	4435	54	91	1.63
75884	LHE4X32T8347VISNSCB	0.30		2800	4	0.88	9855	8870	104	95	0.85
75885	LHE2X32T8347VISLSCB	0.14		2800	2	0.78	4370	3930	48	91	1.63
75886	LHE4X32T8347VISLSCB	0.28		2800	4	0.78	8725	7860	95	92	0.82

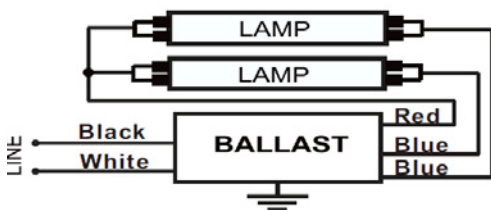
*Ballast Efficiency Factor (BEF) shown = (Ballast Factor x 100) divided by Input Power
347V 60Hz data



Wiring Diagram

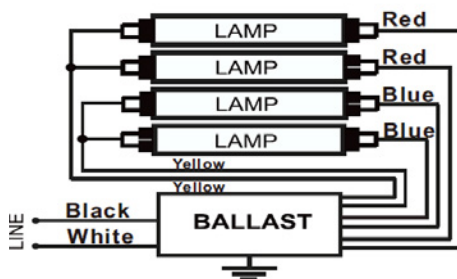
CAP ALL UNUSED LEADS

2 Lamp



FOR ONE LAMP APPLICATION, CAP ANY BLUE LEAD.
INSULATE TO 600 VOLTS.

4 Lamp



FOR THREE LAMP APPLICATION, CAP ANY BLUE LEAD.
INSULATE TO 600 VOLTS.

Dimensions :

Enclosure:

Overall: 9.5"L x 1.3"W x 1.1"H
(241.3mm L x 33.02mm W x 27.94mm H)
Mounting: 8.9" (226.06mm)

Weight: 1.10 lbs. each (approx.)

Leads Length:

White, Black 25" (±1")

Red 46" (±1")

Blue 31" (±1")

Packaging:

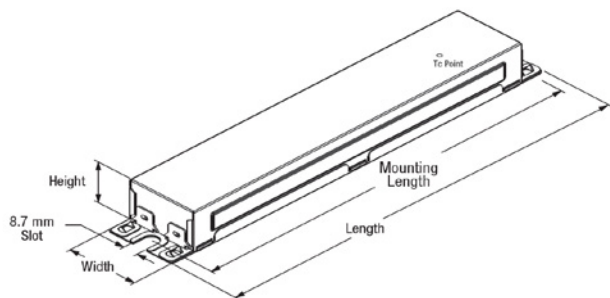
Quantity: 10 per case/1 per SKU

Weight: 11.3 per case (approx)

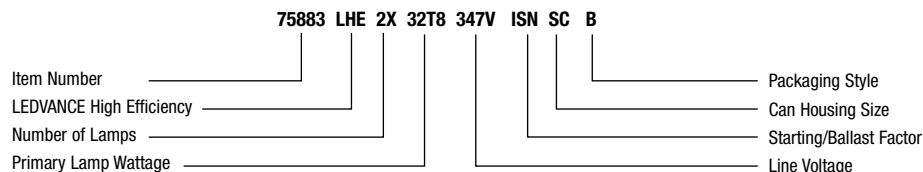
Banded packaging: No tangled wires.

Easily removable rubber bands.

Note: Leads only. (No connectors provided).



Ordering Guide



Products distributed by LEDVANCE LLC

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 ballasts are also compatible with other lamp manufacturer's equivalent lamp types that meet ANSI specifications.

Specifications

Starting Method: Instant Start

Ballast Factor: 0.78-0.88 based on model

Circuit Type: Parallel

Lamp Frequency: >42 kHz

Input Frequency: 50/60 Hz

Low THD: <10%

Power Factor: ≥98% @347V 4 / 3 lamps

≥97% @347V Delamp-1 lamp

Lamp CCF: <1.7

Voltage Range: ±10% of Rated Input (312-381V)

Operating Temperatures

Starting Temperature: -20°F (-29°C)

Operation below 50°F (10°C) may affect light output or lamp

Case Temp: 158°F (70°C) Max

Max Ambient Temp.: 131°F (55°C)

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 Compliant¹, NRCAN cert.

No PCBs.

Type HL

OCV 600V

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

Installation Notes

- Ground ballast case
- Install in accordance with National 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.

