

# LEDVANCE T5 PROGRAMMED RAPID START UNV

Normal Ballast Factor Model

120-277 Voltage High Efficiency Systems

## LHE T5 UNV Gear Guide

T5 Ballast 120-277V PSN:  
2-lamp

**Operates:** Primary lamp is FP28.

Also operates:  
FP14, FP21 and FP35

**Click here** to get the latest Ballast  
Compatibility Chart.

## Application Information

LEDVANCE High Efficiency ballasts are  
ideally suited for:

- Commercial and retail
- Hospitality and institutional
- New construction



## Ordering Information

Item Number	Description	# of Lamps	Primary Lamp (W)	Lamp family	Line Voltage	Starting Method	Ballast Factor	Case Size	Packaging
75871	LHE2X28T5UNVPSN	2	28	T5	UNV	PS	N	Small	10/CS 1/SKU

## Electrical Specifications at 120-277V

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*
75871	LHE2X28T5UNVPSN	0.23	FP28	2900	2	1	5800	5395	63	92	1.59
		0.13	FP28	2900	1	1	2900	2695	33	88	3.03

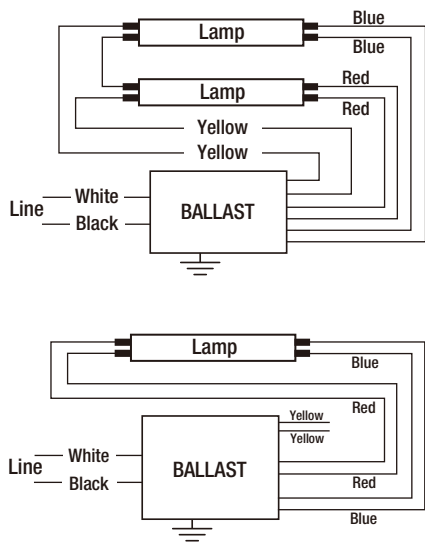
\*Ballast Efficiency Factor (BEF) shown = (Ballast Factor x 100) divided by Input Power 277V 60Hz data



Energy Verified



Wiring Diagram

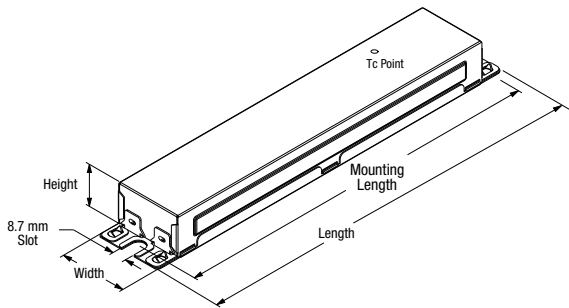


Note: For one lamp application, cap both yellow leads. Insulate to 400 volts.

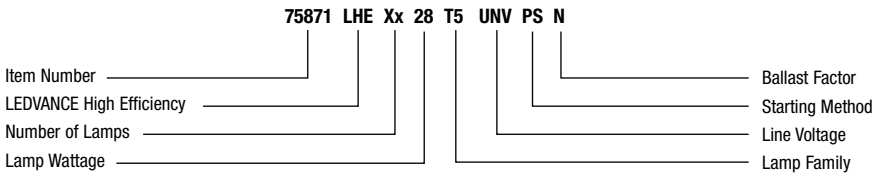
Dimensions:  
Overall: 9.5" L x 1.3" W x 1" H  
(241mm L x 33mm W x 25mm H)  
Mounting: 8.90" (226mm)

Packaging:  
Quantity: 10 per case/1 per SKU  
Weight: 0.7 lbs. each (approx.)

Wiring:  
Leads only  
(no connectors provided)



Ordering Guide



Specification Data

Type
Catalog #
Project
Comments
Prepared by

Performance Guide

Data based on fluorescent lamps shown. LHE Programmed Rapid Start ballasts are also compatible with other lamp manufacturers' equivalent lamp types that meet ANSI specifications.

Specifications

Starting Method: Programmed Rapid Start  
Ballast Factor: 1.00  
Circuit Type: Series  
Lamp Frequency: >42kHz  
Input Frequency: 50/60 Hz  
Low THD: <10%  
Power Factor: >98%, 1 lamp @277V >95%  
Voltage Range: ±10% rated input

Operating Temperatures<sup>1</sup>

Starting Temperature: 0°F (-18°C)  
Case Temp: 158°F (70°C) Max  
Max Ambient Temp.: 131°F (55°C)

Product Ratings

UL Listed Class P, Type 1, Outdoor, CEC, NRCAN  
FCC Part 18 Non-Consumer  
Class A Sound Rating  
ANSI C62.41 Cat. A Transient Protection  
RoHS Compliant<sup>2</sup>  
No PCBs, Type CC

<sup>1</sup> Operation below 50°F (10°C) may affect light output or lamp operation.  
<sup>2</sup> Complies with European Union Restriction of Hazardous Substances (Directive 2002/95/EC)

Installation Notes

- Ground ballast case
- Install in accordance with the National Electrical Code
- Remote Mounting: 18ft. max lead length 18AWG

System Life/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.

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