LEDVANCE T8 59W INSTANT START UNV

120-277 Voltage High Efficiency Ballast

Lamp/Ballast Guide

1 or 2 Lamp 59W T8 8-Foot UNV
ISN and ISL

Primary lamp: FO96T8 (59W)
Also operates:

FO96T8SS (54W & 50W), FO72T8 and FO48T8

Scan or click QR code to access TLED Ballast Compatibility Listing

Application Information

These LEDVANCE High Efficiency ballasts are ideally suited for:

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



Ordering Information

Item Number	Description	# of Lamps	Primary Lamp (W)	Lamp Family	Line Voltage	Starting Method	Ballast Factor	Case Size	Packaging
75879	LHE2X59T8UNVISNSCB	2	59	T8	UNV	IS	N	Small	10/CS 1/SKU
75894	LHE2X59T8UNVISLSC	2	59	T8	UNV	IS	L	Small	10/CS 1/SKU

Electrical Specifications at 120-277V

Item Number	Description	Input Current (AMPS)	Lamp Type	Rated Lumens (lm)	# of Lamps	Ballast Factor (BF)	System Lumens	Mean Lumens	Input Power (W)	System Efficacy (lm/W)	BEF
High Efficiency Normal Ballast Factor (0.88)											
75879	LHE2X59T8UNVISNSCB	0.92	FO96	6200	2	0.88	10530	9530	107	94	0.82
High Efficiency Low Ballast Factor (0.77)											
75894	LHE2X59T8UNVISLSC	0.80/0.34	FO96	5700	2	0.77	8780	7900	95/94	92/93	0.82

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

Energy Verified

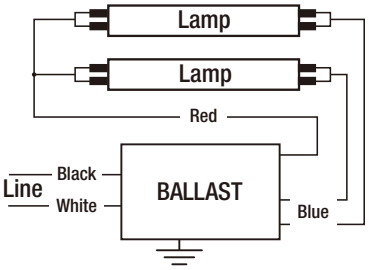
LISTED 24A5 E519281

RoHS compliant

TRUSTED NLB WARRANTY

ECS312R2 10-25

Wiring Diagram

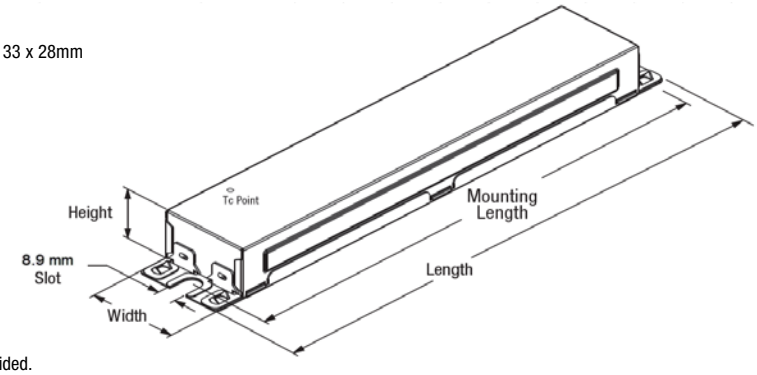


For one lamp operation, cap any blue lead.

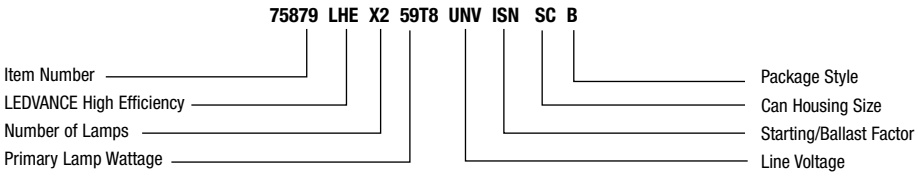
Dimensions:
Enclosure size:
Overall: 9.5"L x 1.3"W x 1.1"H | 241 x 33 x 28mm
Mounting: 8.9" | 226mm
Weight: 1.10 lbs. each (approx.)
Leads only, no connectors provided.

Leads length:
White, Black 25" (+/-1")
Red 79" (+/-1")
Blue 46" (+/-1")

Packaging:
Quantity: 10 per Case. 1 per SKU
Weight: 11.3 lbs. per case (approx.)
Notes: Leads only. No connectors provided.



Ordering Guide



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: Instant Start
Ballast Factor: 0.88 (NAED 75879)
0.77 (NAED 75894)
Circuit Type: Parallel
Lamp Frequency: >42 kHz
Input Frequency: 50/60 Hz
Low THD: <10%
Power Factor: ≥98%
Lamp CCF: < 1.7
Voltage Range: ±10% of Rated Input of 120-277V rated line (108-305V)

Operating Temperatures[1]

Starting Temperature: 32°F (0°C)
Case Temp: 194°F (90°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 Compliant[2], NRCAN cert.
No PCBs.
Type HL
OCV 1000V

[1] Operation below 50°F (10°C) may affect light output or lamp operation.
[2] 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
– Insulate unused leads for 600V
– 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.

SCAN OR CLICK QR CODE TO ACCESS WARRANTY.

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