

ADVANCE

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T5HO LED Driver

Centium

ICN-4S24-TLED-90C-2LS-G



ICN-4S24-TLED-90C-2LS-G

Brand Name	Centium
Driver Type	T5HO LED Electronic
Lamp Connection	Series
Input Voltage	120-277V
Input Frequency	50/60 Hz
Status	Active

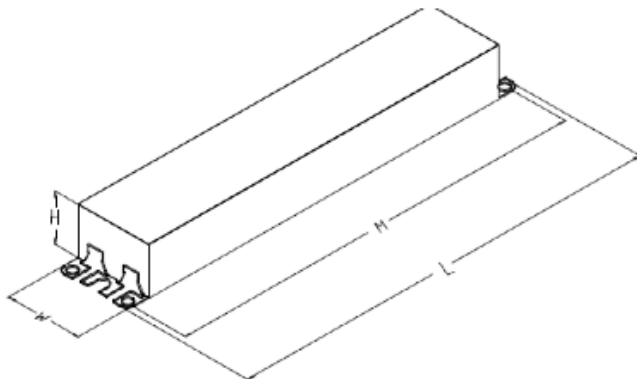


Specifications

Description	Product No.	Model No.	Ordering Code	Bare Lamp Watts (W)	Nom. Initial Lu-mens	Min. Start Temp	Num. of Lamps	Input Current (A)	Input Power (W)	Max	Power Factor			
Philips LED InstantFit CorePro T5 High Output	576710	9290031340	24T5HO/COR/46-835/IF33/G/DIM 25/1	24	3300 3500 3500	-13/-25	4	1.000/0.430	116	10	0.99/0.97			
	576736	9290031341	24T5HO/COR/46-840/IF35/G/DIM 25/1				3	0.740/0.330	89	10	0.99/0.95			
	576744	9290031342	24T5HO/COR/46-850/IF35/G/DIM 25/1				2	0.490/0.220	58	10	0.99/0.94			
							1	0.250/0.130	31	15	0.98/0.84			
Philips LED InstantFit T5 High Output	467126	9290012837	24T5HO/46-830/IF33/P/DIM 10/1	24	3300 3300 3500 3500	-13/-25	4	0.890/0.390	106	10	0.99/0.95			
	467134	9290012838	24T5HO/46-835/IF33/P/DIM 10/1				3	0.680/0.310	80	15	0.99/0.94			
	467142	9290012839	24T5HO/46-840/IF35/P/DIM 10/1				2	0.440/0.200	53	10	0.99/0.92			
	467159	9290012840	24T5HO/46-850/IF35/P/DIM 10/1				1	0.230/0.120	28	18	0.97/0.82			

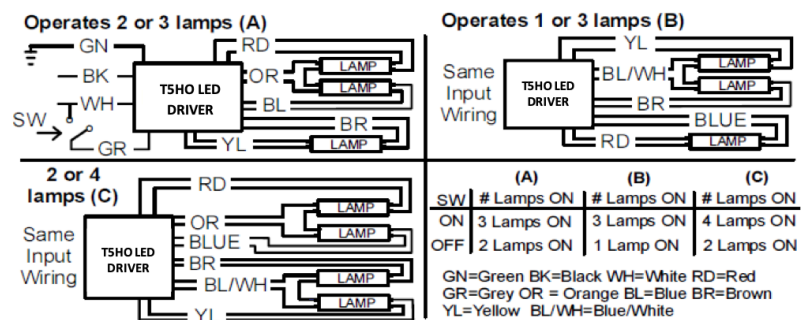
Enclosure

	In. (cm)
Case Width (W)	1.7 (4.3)
Case Height (H)	1.18 (3.0)
Mounting Length (M)	16.34 (41.5)
Overall Length (L1)	16.7 (42.4)



Wiring Diagram

	In. (cm)
Black	25 (63.5)
White	25 (63.5)
Blue	28 (71.1)
Red	28 (71.1)
Yellow	28 (71.1)
Gray	25 (63.5)
Blue/White	33 (83.8)
Brown	28 (71.1)
Orange	33 (83.8)



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Electrical Specifications

Section I – Physical Characteristics

- 1.1 Driver shall be physically interchangeable with standard electromagnetic or standard electronic ballasts, where applicable.
- 1.2 Driver shall be provided with integral leads color coded per ANSI C82.11.

Section II – Performance Requirements

- 2.1 Driver shall energize compatible LED lamps within 1 second after mains power is applied.
- 2.2 Driver shall contain auto restart circuitry in order to restart LED lamps without resetting mains power.
- 2.3 Driver shall contain auto restart circuitry in order to restart lamps without resetting power.
- 2.4 Driver shall operate from a 50Hz or 60 Hz AC input source of 120V through 277V with sustained variations of +/- 10% (voltage and frequency).
- 2.5 Driver shall be high frequency electronic type and operate lamps at frequencies above 42 kHz to avoid interference with infrared devices and eliminate visible flicker.
- 2.6 Driver shall have a Power Factor of 0.95 or above when operating the maximum rated number of compatible lamps, and 0.82 or above when operating the minimum rated number of compatible lamps.
- 2.7 Driver input current shall Total Harmonic Distortion (THD) of 10% or less when operating the maximum rated number of compatible lamps and 18% or less when operating the minimum rated number of compatible lamps.
- 2.8 Driver shall have a Class A sound rating.
- 2.9 Driver shall have a minimum starting temperature of -13°F / -25°C.
- 2.10 Driver shall tolerate sustained open circuit and short circuit output conditions.
- 2.11 Driver shall be capable of operating lamps remotely and in tandem for wire lengths up to 20 ft.
- 2.12 Driver shall be suitable of operation in up to a 45°C ambient temperature.

Section III – Regulatory Requirements

- 3.1 Driver shall not contain any Polychlorinated Biphenyl (PCB).
- 3.2 Driver shall be Underwriters Laboratories (UL) Recognized with Both UL and CSA Standards, and suitable for Damp and Dry conditions.
- 3.3 Driver shall comply with ANSI C62.41 Category A Transient protection.
- 3.4 Driver shall comply with the requirements of the Federal Communication Commission (FCC) rules and regulations, Title 47, CFR part 15, Non-Consumer (Class A) for EMI/RFI (conducted and radiated).
- 3.5 Driver shall comply with NEMA 410 for in-rush current limits.

Section IV – Other

- 4.1 Driver shall be manufactured in a factory certified to ISO 9001 Quality System Standards.
- 4.2 Driver shall carry a five year warranty from date of manufacture against defects in material and workmanship when operating at a case temperature of 70°C or less. Driver shall carry a three year warranty from date of manufacture against defects in material and workmanship when operating at a case temperature between 71°C and 90°C.

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