

## T8CL04

4ft (120cm) LED T8 Tube Linear Replacement Lamp

Catalog #

Note

Type

### Product Description

The T8CL04 LED T8 tube delivers 1800 lumens at 4000K. The T8CL04 LED T8 tube accepts 100-277VAC, consumes 18 watts and produces good luminous intensity beyond F36T8 linear fluorescent tube.

Featured with IPS (internal power supply) technology, the T8CL04 LED T8 provides a quick retrofit solution for installers.

### Performance Summary

Input Voltage: 100-277VAC

Input Power: 18W (36W Linear Fluorescent Equivalent)

Efficacy: 100 LPW

PF: 0.95+

THD: 15%

Lumen Output: 1800 Lumens

CCT: 3500K/4000K/5000K/6500K

CRI: 80+

R9: 8

L70 Life: 50,000 Hours

Warranty: 5 Years

4ft (120cm) Length, G13 Base

No Ballast or Starter Required

Indoor Application



**DESIGNLIGHTS**  
CONSORTIUM



### Ordering Information

Example: T8CL04ID18HU40K18L

MODEL	LENS TYPE	LENGTH	DRIVER	WATTAGE	VOLTAGE	COLOR TEMP	LUMEN OUTPUT
T8 LED T8 Tube	CL Clear FL Frosted	04 4ft	ID Internal Driver	18 18W	HU 100-277VAC	35K 3500K 40K 4000K 50K 5000K 65K 6500K	18L 1800lm

#### Notes:

Lead times will vary depending on options selected. Consult with your sales representative.  
Specifications tolerance: ± 5%.

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### Features & Specifications

#### CONSTRUCTION & MATERIALS

- Extruded aluminum heat sink, fully sealed to be dirt and bug proof
- Integral secondary heat sink to optimize thermal transfer and maximize performance and life of LED
- Air flow holes on both end caps

#### MOUNTING AND WIRING

- No ballast or starter required

#### ENVIRONMENTAL SYSTEM

- Indoor and dry location

#### OPTICAL SYSTEM

- Smooth light output, no hot spot and glare free
- High performance SMD LEDs
- Color temperature: 4000K. Other color temperature available for special order, consult factory for lead time.

#### ELECTRICAL SYSTEM

- Integral high performance LED driver
- Universal input voltage 120-277VAC, 50/60Hz

PHYSICAL SPECIFICATION	
Dimension	L48.00 X D1.00 inch (L120.00 x D2.54 cm)
Housing	Extruded aluminum
Wiring	Bypass ballast and starter
ENVIRONMENTAL SPECIFICATION	
Temp Range	-13-113°F operating (-25-45 °C)
Humidity Range	20% - 85% RH
Ingress Protection	IP60
OPTICAL SPECIFICATION	
Lumen Output	1800 lm
Efficacy	100 lm/W
CCT	3500K/4000 K /5000K/6500K
CRI	80+
R9	8
ELECTRICAL SPECIFICATION	
Input Voltage	100-277 VAC, 50/60 Hz
Input Power	18 W
Power Factor	0.95+
Total Harmonic Distortion	15%
LIGHTING CONTROL	
Dimming Capacity	0-10V Dimming, 10-100%
LONGEVITY AND WARRANTY	
L70 Life	50,000 hrs
Warranty	5 years
LISTING AND CERTIFICATES	
Design Lights Consortium (DLC)	
Lighting Facts	
UL and cUL	
CE and RoHS	

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