

Lead (Pb) Free Product – RoHS Compliant - **Leaded LEDs**

Lighting System

Technical Datasheet

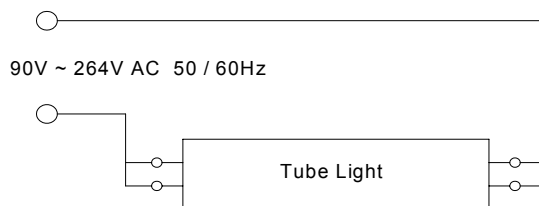


Features

- **High Energy Efficiency and Savings**
- **Fits in existing tube holders – choke/ballast and starter not required**
- **Long lifespan > 35,000 hrs**
- **No maintenance cost**
- **Low heat dissipation/sink**
- **High-brightness**
- **Excellent Colour Rendering**
- **Eco-friendly green product**
- **Safe Light – No Ultraviolet or Infrared in the beam**
- **Option of Cool and Warm White colours**
- **Vibration Resistant**

Installation

Installation Schematic



Starter, if present, should be removed. Choke/ballast should be shorted/bypassed using a wire

Standard Parameters

LED Viewing Angle : 120°
 Working Temperature : -30 ~ +85° C
 Storage Temperature : -40 ~ +100° C
 Colour Rendering Index : > 80
 Input Voltage : 90 – 264V AC
 Frequency : 50 ~ 60 Hz
 Power Factor : > 0.9
 PC Type : PC / FR4

Specific Parameters

Model Type / Parameter	P-T8-10W-60 XX	P-T8-20W-120XX	P-T8-20W-120XX
Wattage	10W	20W	20W
Size	L 600mm	L 1200mm	L 1200mm
Diameter	30mm	30mm	30mm
Luminous Intensity	≥ 400lm	≥ 820lm	≥ 820lm
Leaded LED Qty	132 pcs	276 pcs	276 pcs
CCT	6500 ± 300 ⁰ K (White)	6500 ± 300 ⁰ K (Milky Cool White)	6500 ± 300 ⁰ K (Transparent Cool White)

XX = A1 for Aluminum Heat-Sink Base.
 Recommended for use in high ambient temperature areas such as non air-conditioned industrial sheds, shop-floors etc.

CCT 6500±300° K - Cool White

CCT 3200±300° K - Warm White



Continental Device India Ltd.

C-120 Naraina Industrial Area, New Delhi - 110 028 India
 Tel.: +91-11-2579 6150, 4141 1112 Fax: +91-11-2579 5290, 4141 1119
www.cdil.com email@cdil.com

Disclaimer

The product information facilitates selection of CDIL's Lighting Product(s) best suited as per customer's application and requirement. It is recommended that user completely reviews our Data Sheet(s) so as to confirm that the Product(s) meet functionality parameters for the application. The information furnished in the Data Sheet is believed to be accurate and reliable. CDIL however, does not assume responsibility for inaccuracies or incomplete information. Furthermore, CDIL does not assume liability whatsoever, arising out of the application or use of any CDIL lighting product; neither does it convey any license under its patent rights nor rights of others. These products are not designed for use in life saving/support appliances or systems. CDIL customers selling these products, in any life saving/support appliances or systems or applications do so at their own risk and CDIL will not be responsible for any damages resulting from such sale(s).

CDIL strives for continuous improvement and reserves the right to change the specifications of its products without prior notice.