

LED BATTEN



Application

Indoor household, offices, industrial lighting etc.

Replacement

36W fluorescent tube light
by 20W LED Tube light

- **Construction**

Aluminum Extruded housing to optimize thermal management for long product life.

- **Optics**

Unidirectional light leading to reduced wastage of light. Excellent 'color rendering index' (CRI) makes the illuminate object looks natural and vivid. High Lumen output per watt providing high energy savings.

- **Electrical**

Approx. 50% less power compared to fluorescent tube light. Under voltage, short circuit & open circuit protected driver. LM80 report at drive current.

- **Installation**

Fluorescent tube light can be easily replaced by LED Tube light

- **Warranty**

Two years warranty.

- **Optional**

All CCT Ranges
12V/24V DC powered

Model No.	No. of LED	Drive Current (mA)	System Wattage (Watt)	Luminous Flux(Lumen)	Luminous Efficacy (Lm/W)
EL BT20C192C	192	30	20	1700	85

Electrical

AC Input Voltage	100-300 V
Operating Frequency	47-53 Hz
Total Harmonic Distortion	<20 %
Power Factor	>0.9
Surge/Spikes Protection	>2 KV

Optical

LED	Nichia
Color Temperature	5700 K
CRI	>80
Beam Angle	120°

Environmental

Working temperature range	-10 to +45 °C
Working Humidity Range	0 - 95 %
L70 Life @ Tj 85°C of based on TM21 Report	35,000 Hrs

Lumen Ambient Temperature (LAT) Multiplier

Ambient

Ambient Temperature(°C)	LAT
0	1.03
10	1.02
20	1.01
25	1.00
30	0.99
40	0.98

Length

1200 mm

Weight

800 gm.