

LONYUNG Ballast-Compatible LED-Tubes with 240° Beam Angle

Product-Advantages:

- Compatible with electronic ballast and conventional ballast – the old fluorescence tube will be replaced easy w. o. changes of the wires!
- With 101 Lumen/Watt for neutral white measured outside of the milky cover the brightest and most energy efficient LED-tube – so will saved the maximum of power!
- 240° wide angle – the complete luminosity comes to the floor and to the walls, nothing will be absorbed in the reflector, therefore optimally for underground garage!
- Needs only half as much power as a conventional fluorescence tube with simultaneously more brightness – payback periods less than a year will be reached.
- durability of 50.000h – slightest maintenance costs
- comfortable, dazzle-free light
- full brightness immediately after power up
- can be any number of times power up and power off
- works with DC too, important for backup power supplies

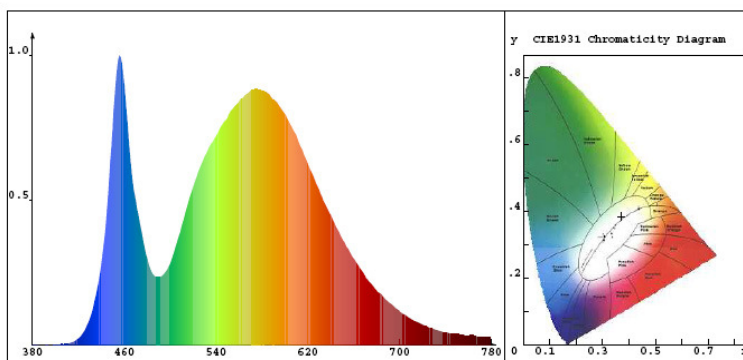
Applications:

Factories, schools, offices, shopping centers, airports, underground garages, warehouses, museums, libraries, ...

LONYUNG LED LIGHTING CO., LTD

Product Mark

Product Type :LY-MCT8L1200-21W1 Manufacturer :LONYUNG LED LIGHTING CO.,LTD
 Temperature :25'C Humidity :85%
 Operator :张晓琴 Test Date :2012-09-12



Chroma Parameters

Chro.Coor.: x=0.3712 y=0.3846 u=0.2160 v=0.3358 duv=0.0065
 CCT: Tc= 4308K Dominant Wave.: 575.4nm Purity: 26.8%
 R ratio: R= 15.6 Peak Wavelength: 455.5nm Half Width: 24.2nm

Rendering Index: Ra= 73.8

R1 =69.4 R2 =82.4 R3 =91.1 R4 =68.1 R5 =68.5 R6 =73.9 R7 =83.5
 R8 =53.6 R9 =-26.2 R10=56.9 R11=61.7 R12=39.9 R13=72.4 R14=94.9
 R15=63.4

Photo Parameters

Flux: 2182.27lm Effi.: 101.5lm/W RadiantPower: 6294.5mW

Ele. Parameters

Voltage:U=221.1V Current:I=0.212A
 Power:P= 21.5W Power Factor:PF=0.459

Instrument state

IntgTime: 24.424ms VPeak: 15220 VDark: 1153
 Scan Range: 380-780nm

This system made by HongPu Optoelectronics Technology CO.,LTD

Measurement report of the model LCT81NW43, 1.2m, neutral white 21W
 After 3 hours burning time has the tube in an open luminaire only 37.2°C, in a closed luminaire with 60x60mm diameter has the tube only 51,0°C measured on the hottest spot, in a room with 28.5°C ambient temperature.



model number	LCT86WW42	LCT86NW42	LCT81WW43	LCT81NW43	LCT85WW42	LCT85NW42
Lonyung article number	LY-T8L600-9WM	LY-T8L600-9WM	LY-T8L-1200-21WM	LY-T8L-1200-21WM	LY-T8L-1500-24WM	LY-T8L-1500-24WM
type	T8 60cm	T8 60cm	T8 120cm	T8 120cm	T8 150cm	T8 150cm
power of the LEDs	9W	9W	21W	21W	24W	24W
luminous flux	859lm warm white	909lm neutral white	2003lm warm white	2121lm neutral white	2289lm warm white	2424lm neutral white
as least as bright as a fluorescence tube with	>18W	>18W	>>36W	>>36W	>58W	>58W
dimensions in mm	Ø26×L600	Ø26×L600	Ø26×L1200	Ø26×L1200	Ø26×L1500	Ø26×L1500
lifespan of the LEDs	50.000h	50.000h	50.000h	50.000h	50.000h	50.000h
Input voltage	AC100~240V, 50/60Hz; DC 100-240V					
color temperature	warm white 2700K~3000K; neutral white 4000K~4500K; cold white (daylight) 6000K~6500K					
base	G13					