

LED TUBE LIGHT

Lightsource Test Report

Product Information

Product Category: T8
Product Number: 34

Product Type: T8-4FT

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3168$ $y=0.3425$ $u(u')=0.1956$ $v=0.3173$ $v'=0.4759$

CCT: $T_c=6218K$ ($duv=0.00799$)

Color Ratio: $R=0.135$ $G=0.814$ $B=0.050$

Peak Wavelength: 448.7nm

Half Bandwidth: 19.7nm

Dominant Wavelength: 499.0nm

Color Purity: 0.051

CRI: R_a : $R_a=84.3$

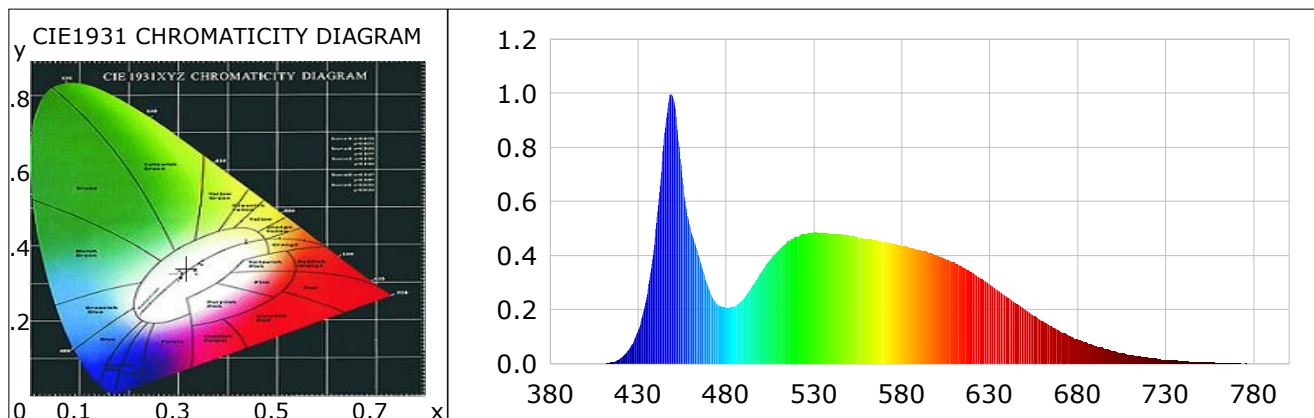
$R_1=84$ $R_2=83$ $R_3=81$ $R_4=91$ $R_5=84$ $R_6=77$ $R_7=92$ $R_8=82$

$R_9=28$ $R_{10}=59$ $R_{11}=91$ $R_{12}=50$ $R_{13}=83$ $R_{14}=90$ $R_{15}=82$

Color Quality Scale: $Q_a=84.3$, $Q_f=84.2$, $Q_p=84.5$, $Q_g=92.7$

$Q_1=87$ $Q_2=98$ $Q_3=79$ $Q_4=75$ $Q_5=81$ $Q_6=84$ $Q_7=89$ $Q_8=93$

$Q_9=95$ $Q_{10}=87$ $Q_{11}=85$ $Q_{12}=85$ $Q_{13}=86$ $Q_{14}=77$ $Q_{15}=82$



Photometric Parameters

Luminous Flux: 1969.10 lm
EEI: 0.13

Efficiency: 108.61 lm/W

Radiant Power: 5.941 W

Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.80V
Power Factor: 0.9630

Current: 0.0860A
Frequency: 50.00Hz

Power: 18.13W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 48252 (2489)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 187.88 ms

Condition: $T_x=21.7^\circ C$, $T_i=21.4^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2017-03-18 10:31:59
Inspector: