

Lightsource Test Report

Product Infomation

Product Category: LED-Röhre
 Product Spec: LEDtube-145-5WWM-21W-TRF
 Manufacturer: METOLIGHT
 Buyer: 7709

Product Type: LED-Röhre-TRF
 Product Number: 1
 Submitted Unit: 103523

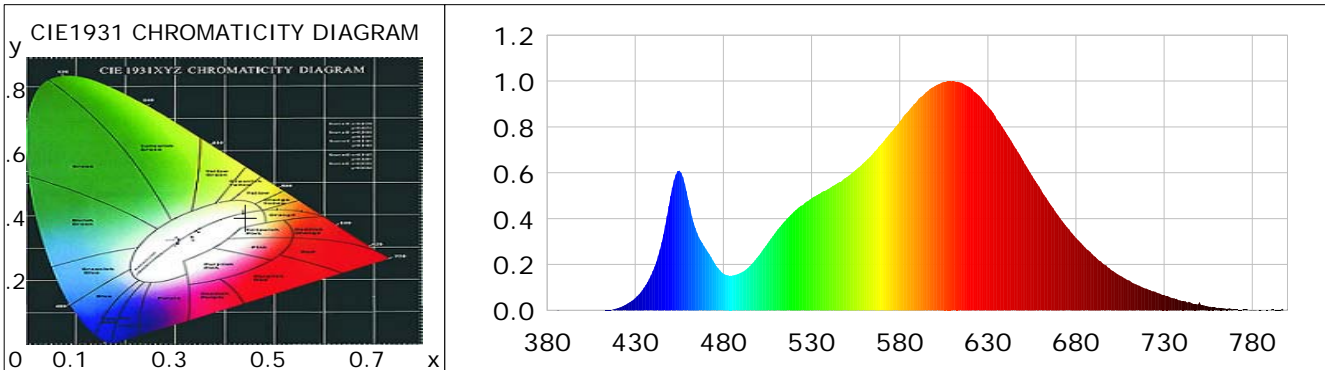
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4422$ $y=0.3962$ $u(u')=0.2575$ $v=0.3460$ $v'=0.5190$
 CCT: $T_c=2847K$ ($duv=-0.00382$) Color Ratio: $R=0.245$ $G=0.731$ $B=0.023$
 Peak Wavelength: 607.9nm Half Bandwidth: 129.7nm
 Dominant Wavelength: 584.9nm Color Purity: 0.517
 CRI: $R_a=84.4$ TM30: $R_f=84$, $R_g=98$
 GAI: $GAI_BB_8=107.2$, $GAI_BB_15=114.8$, $GAI_EES=56.9$

R1 =84	R2 =93	R3 =96	R4 =82	R5 =84	R6 =91	R7 =82	R8 =63
R9 =20	R10=82	R11=81	R12=72	R13=86	R14=99	R15=78	

Color Quality Scale: $Q_a=82.2$, $Q_f=82.6$, $Q_p=87.0$, $Q_g=95.4$

Q1 =80	Q2 =95	Q3 =80	Q4 =77	Q5 =82	Q6 =84	Q7 =81	Q8 =84
Q9 =96	Q10=88	Q11=84	Q12=82	Q13=83	Q14=76	Q15=77	



Photometric Parameters

Luminous Flux: 2405.3 lm Efficiency: 114.43 lm/W Radiant Power: 7.552 W
 Total mains efficacy: 134.57 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 130.00V Current: 0.1617A Power: 21.02W
 Power Factor: 0.9430 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms ALC.: 1.0000 Photometric Condition: Sphere diameter: 2.00m, 4PI
 Max of Signal: 46815 (2402) CCD Integration Time: 230.07 ms