

Lightsource Test Report

Product Information

Product Category: LED-Röhren
 Product Spec: LEDtube-UVL-520-060-T8-10W
 Manufacturer: METOLIGHT

Product Type: LED-Röhren-UVL
 Product Number: 1
 Submitted Unit: 101241

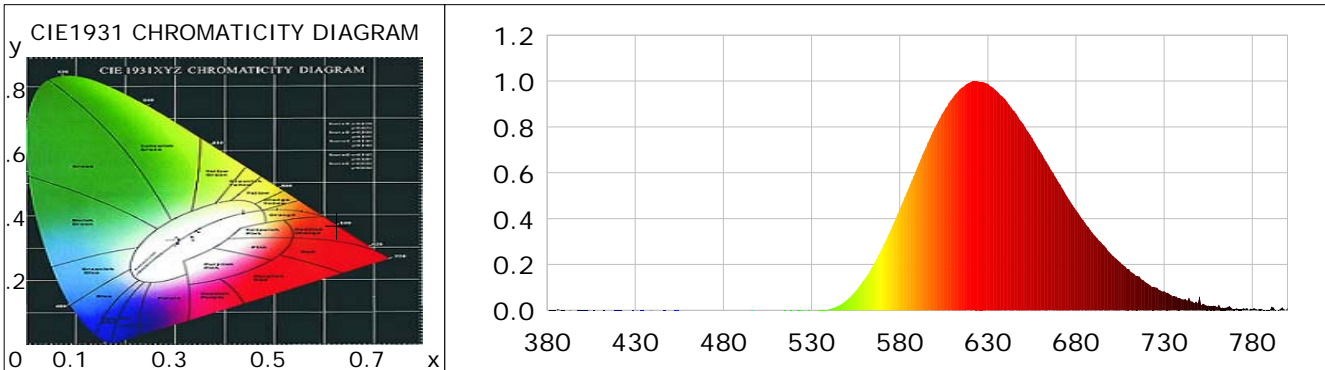
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6271$ $y=0.3715$ $u(u')=0.4044$ $v=0.3593$ $v'=0.5390$
 CCT: $T_c=1209K$ ($duv=0.00125$) Color Ratio: $R=0.527$ $G=0.473$ $B=0.000$
 Peak Wavelength: 623.7nm Half Bandwidth: 91.4nm
 Dominant Wavelength: 600.2nm Color Purity: 0.997
 CRI: $R_a=47.0$ TM30: $R_f=41$, $R_g=24$
 GAI: $GAI_BB_8=9.9$, $GAI_BB_15=9.1$, $GAI_EES=0.3$

R1 =40	R2 =75	R3 =72	R4 =19	R5 =34	R6 =74	R7 =53	R8 =10
R9 =-57	R10=61	R11=1	R12=56	R13=43	R14=85	R15=35	

Color Quality Scale: $Q_a=0.4$, $Q_f=1.7$, $Q_p=0.1$, $Q_g=5.4$

Q1 =23	Q2 =24	Q3 =2	Q4 =0	Q5 =1	Q6 =2	Q7 =12	Q8 =30
Q9 =6	Q10=0	Q11=0	Q12=0	Q13=0	Q14=0	Q15=1	



Photometric Parameters

Luminous Flux: 703.25 lm Efficiency: 71.04 lm/W Radiant Power: 3.101 W
 Total mains efficacy: 83.54 lm/W Energy Efficiency Class: G (EU 2019/2015)

Electric Parameters

Voltage: 230.60V Current: 0.0430A Power: 9.90W
 Power Factor: 0.9000 Frequency: 49.99Hz

Test Information

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: 45917 (2742) CCD Integration Time: 1000.00 ms