

Lightsource Test Report

Product Infomation

Product Category: LED-Röhren
 Product Spec: LEDtube-UVL-520-120-T8-23W
 Manufacturer: METOLIGHT
 Buyer: 6420

Product Type: LED-Röhren-UVL
 Product Number: 1
 Submitted Unit: 102479

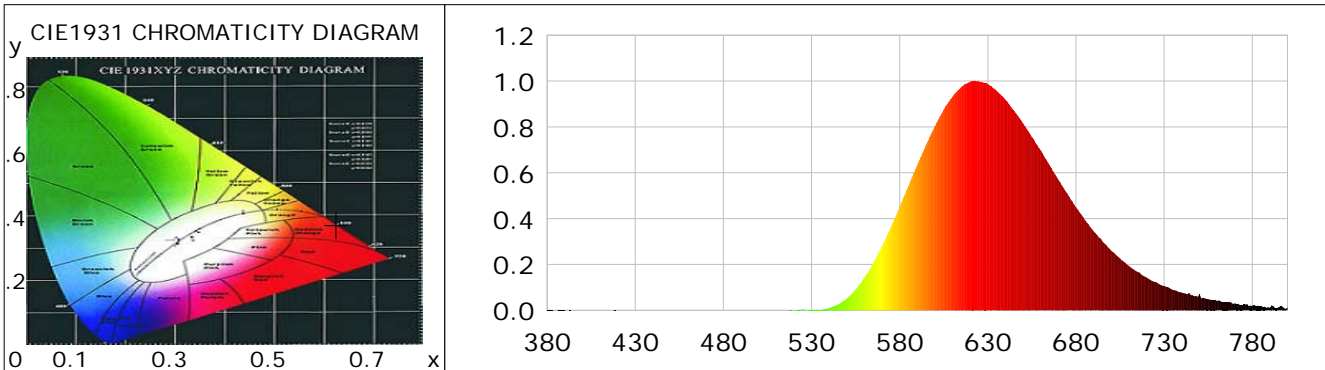
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6257$ $y=0.3733$ $u(u')=0.4019$ $v=0.3596$ $v'=0.5394$
 CCT: $T_c=1222K$ ($duv=0.00140$) Color Ratio: $R=0.521$ $G=0.479$ $B=0.000$
 Peak Wavelength: 621.3nm Half Bandwidth: 93.1nm
 Dominant Wavelength: 599.8nm Color Purity: 0.999
 CRI: $R_a=47.6$ TM30: $R_f=37$, $R_g=14$
 GAI: $GAI_BB_8=5.2$, $GAI_BB_15=4.8$, $GAI_EES=0.2$

R1 =41	R2 =75	R3 =73	R4 =20	R5 =34	R6 =73	R7 =54	R8 =11
R9 =-55	R10=60	R11=2	R12=53	R13=43	R14=86	R15=36	

Color Quality Scale: $Q_a=0.1$, $Q_f=0.7$, $Q_p=0.0$, $Q_g=3.1$

Q1 =26	Q2 =19	Q3 =0	Q4 =0	Q5 =0	Q6 =1	Q7 =13	Q8 =29
Q9 =3	Q10=0	Q11=0	Q12=0	Q13=0	Q14=0	Q15=1	



Photometric Parameters

Luminous Flux: 1618.2 lm Efficiency: 71.35 lm/W Radiant Power: 7.229 W
 Total mains efficacy: 83.91 lm/W Energy Efficiency Class: G (EU 2019/2015)

Electric Parameters

Voltage: 230.70V Current: 0.0983A Power: 22.68W
 Power Factor: 0.9240 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: 46703 (2479) CCD Integration Time: 473.44 ms