

Lightsource Test Report

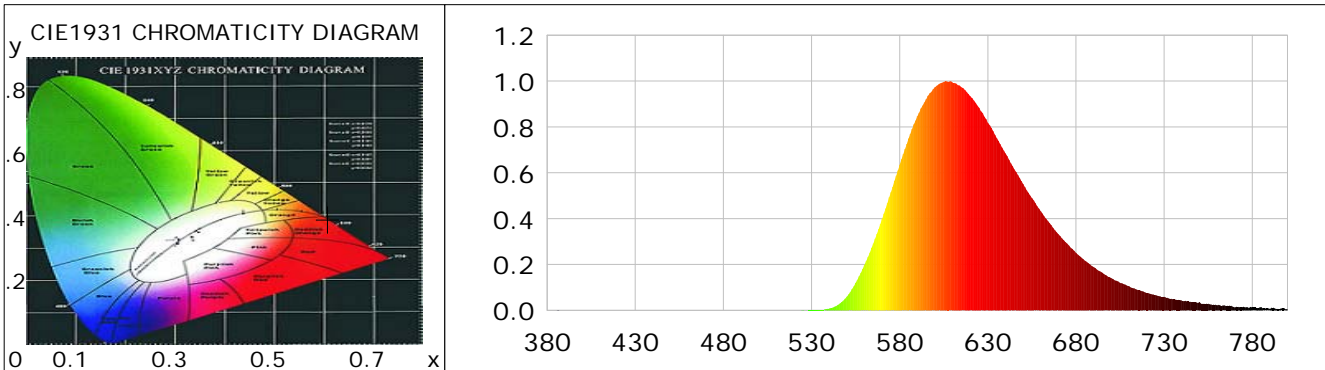
Product Infomation

Product Category: LED-Röhren
 Product Spec: LEDtube-UVL-530-090-T8-13W
 Manufacturer: METOLIGHT
 Buyer: 8885

Product Type: LED-Röhren-UVL
 Product Number: 1
 Submitted Unit: 100267

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6085$ $y=0.3906$ $u(u')=0.3762$ $v=0.3622$ $v'=0.5433$
 CCT: $T_c=1375K$ ($duv=0.00254$) Color Ratio: $R=0.434$ $G=0.566$ $B=0.000$
 Peak Wavelength: 606.2nm Half Bandwidth: 79.8nm
 Dominant Wavelength: 596.2nm Color Purity: 0.998
 CRI: $R_a=35.8$ TM30: $R_f=20$, $R_g=6$
 GAI: $GAI_BB_8=1.4$, $GAI_BB_15=1.3$, $GAI_EES=0.1$
 $R1=26$ $R2=68$ $R3=66$ $R4=2$ $R5=18$ $R6=60$ $R7=46$ $R8=-12$
 $R9=-102$ $R10=47$ $R11=-25$ $R12=25$ $R13=29$ $R14=80$ $R15=21$
 Color Quality Scale: $Q_a=0.1$, $Q_f=0.3$, $Q_p=0.0$, $Q_g=1.5$
 $Q1=34$ $Q2=16$ $Q3=0$ $Q4=0$ $Q5=0$ $Q6=1$ $Q7=18$ $Q8=26$
 $Q9=0$ $Q10=0$ $Q11=0$ $Q12=0$ $Q13=0$ $Q14=0$ $Q15=2$



Photometric Parameters

Luminous Flux: 1286.4 lm Efficiency: 94.87 lm/W Radiant Power: 4.429 W
 Total mains efficacy: 111.56 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 229.80V Current: 0.0590A Power: 13.56W
 Power Factor: 0.9440 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: 46621 (2257) CCD Integration Time: 224.32 ms