

Lightsource Test Report

Product Information

Product Category: LED-Röhren
 Product Spec: LEDtube-UVL-530-060-T8-10W
 Manufacturer: METOLIGHT
 Buyer: 8885

Product Type: LED-Röhren-UVL
 Product Number: 1
 Submitted Unit: 100264

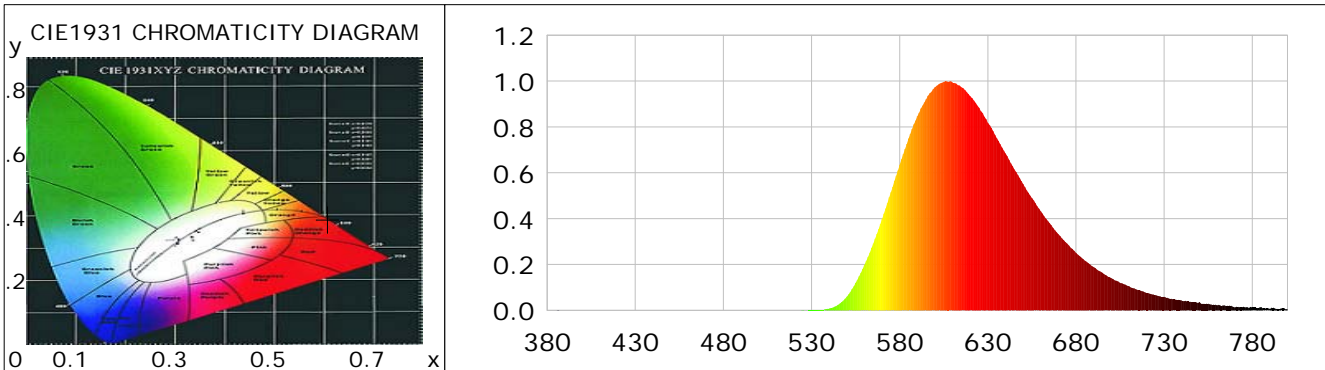
CIE Colorimetric Parameters

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: 999.95 lm Efficiency: 94.69 lm/W Radiant Power: 3.443 W
 Total mains efficacy: 111.36 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 229.80V Current: 0.0460A Power: 10.56W
 Power Factor: 0.9440 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: 46621 (2257) CCD Integration Time: 224.32 ms