

Lightsource Test Report

Product Infomation

Product Category: LED-Röhren	Product Type: LED-Röhren-UVL
Product Spec: LEDtube-UVL-500-060-T8-09W-TRF	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 102435

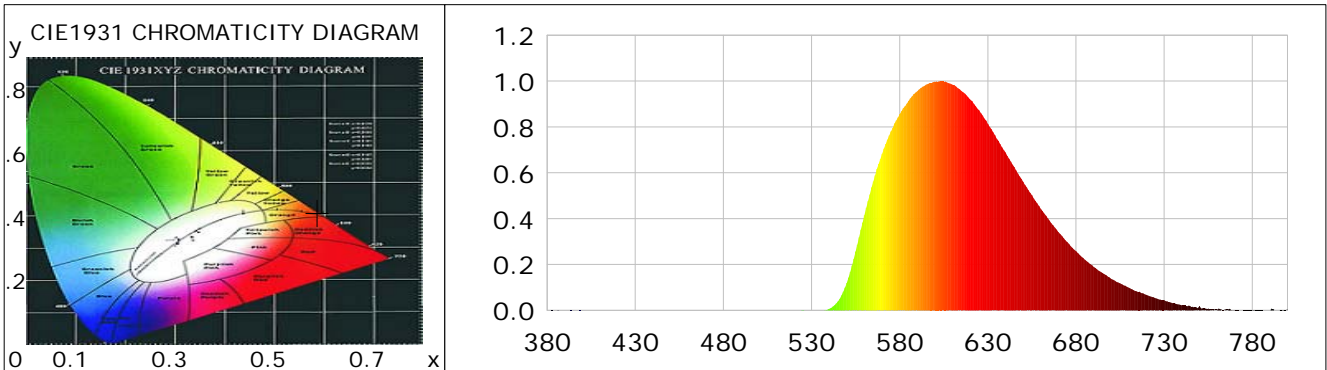
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5875$ $y=0.4115$ $u(u')=0.3475$ $v=0.3651$ $v'=0.5476$
 CCT: $T_c=1581K$ ($duv=0.00456$) Color Ratio: $R=0.355$ $G=0.645$ $B=0.000$
 Peak Wavelength: 603.4nm Half Bandwidth: 92.4nm
 Dominant Wavelength: 592.2nm Color Purity: 0.999
 CRI: $R_a=34.8$ TM30: $R_f=15$, $R_g=6$
 GAI: $GAI_BB_8=0.9$, $GAI_BB_15=1.0$, $GAI_EES=0.1$

R1 =24	R2 =63	R3 =75	R4 =2	R5 =15	R6 =46	R7 =53	R8 =-7
R9 =-101	R10=34	R11=-33	R12=-3	R13=25	R14=85	R15=23	

Color Quality Scale: $Q_a=0.1$, $Q_f=0.2$, $Q_p=0.0$, $Q_g=1.8$

Q1 =44	Q2 =14	Q3 =0	Q4 =0	Q5 =0	Q6 =4	Q7 =25	Q8 =21
Q9 =0	Q10=0	Q11=0	Q12=0	Q13=0	Q14=0	Q15=7	



Photometric Parameters

Luminous Flux: 861.14 lm	Efficiency: 103.50 lm/W	Radiant Power: 2.654 W
Total mains efficacy: 121.72 lm/W	Energy Efficiency Class: E (EU 2019/2015)	

Electric Parameters

Voltage: 230.50V	Current: 0.0361A	Power: 8.32W
Power Factor: 0.9330	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: 47332 (2246)	CCD Integration Time: 360.34 ms