

Lightsource Test Report

Product Infomation

Product Category: LED-Röhre	Product Type: LED-Röhre-TRF
Product Spec: LEDtube-052-5WWM-7W-TRF	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 101329
Buyer: 7709	

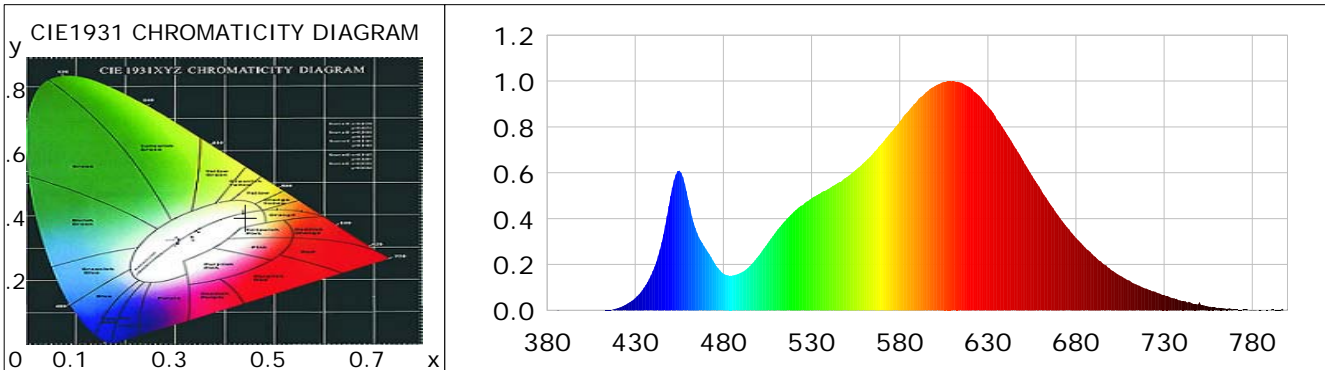
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4422$ $y=0.3962$ $u(u')=0.2575$ $v=0.3460$ $v'=0.5190$
 CCT: $T_c=2847K$ ($duv=-0.00382$) Color Ratio: $R=0.245$ $G=0.731$ $B=0.023$
 Peak Wavelength: 607.9nm Half Bandwidth: 129.7nm
 Dominant Wavelength: 584.9nm Color Purity: 0.517
 CRI: $R_a=84.4$ TM30: $R_f=84$, $R_g=98$
 GAI: $GAI_BB_8=107.2$, $GAI_BB_15=114.8$, $GAI_EES=56.9$

R1 =84	R2 =93	R3 =96	R4 =82	R5 =84	R6 =91	R7 =82	R8 =63
R9 =20	R10=82	R11=81	R12=72	R13=86	R14=99	R15=78	

Color Quality Scale: $Q_a=82.2$, $Q_f=82.6$, $Q_p=87.0$, $Q_g=95.4$

Q1 =80	Q2 =95	Q3 =80	Q4 =77	Q5 =82	Q6 =84	Q7 =81	Q8 =84
Q9 =96	Q10=88	Q11=84	Q12=82	Q13=83	Q14=76	Q15=77	



Photometric Parameters

Luminous Flux: 794.82 lm	Efficiency: 113.22 lm/W	Radiant Power: 2.496 W
Total mains efficacy: 133.15 lm/W	Energy Efficiency Class: E (EU 2019/2015)	

Electric Parameters

Voltage: 231.00V	Current: 0.0304A	Power: 7.02W
Power Factor: 0.9430	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: 46815 (2402)	CCD Integration Time: 230.07 ms