

Lightsource Test Report

Product Infomation

Product Category: LED-Röhre	Product Type: LED-Röhre-SCE
Product Spec: LEDtube-145-6DWM-25W-SCE	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 104570
Buyer: 2105	

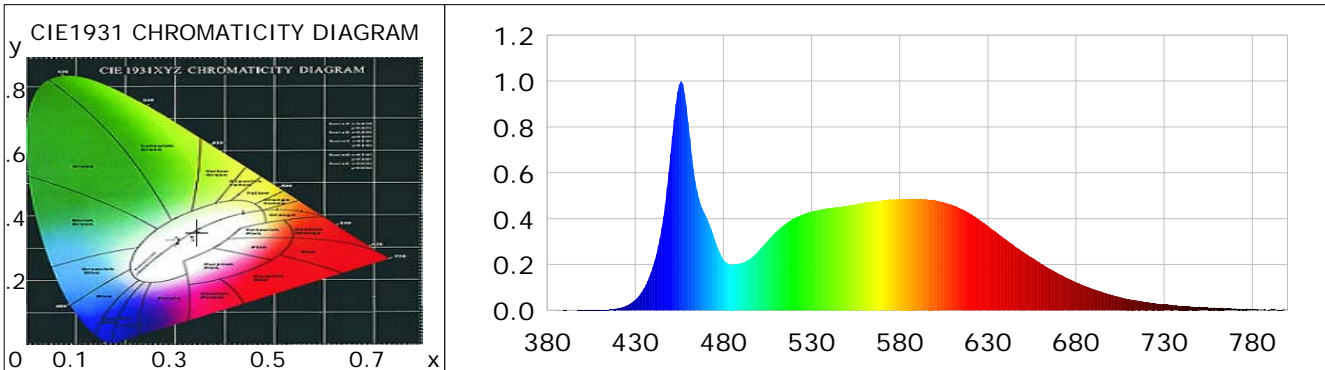
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3443$ $y=0.3502$ $u(u')=0.2114$ $v=0.3226$ $v'=0.4839$
 CCT: $T_c=5026K$ ($duv=-0.00039$) Color Ratio: $R=0.164$ $G=0.787$ $B=0.049$
 Peak Wavelength: 456.0nm Half Bandwidth: 18.2nm
 Dominant Wavelength: 572.9nm Color Purity: 0.084
 CRI: $R_a=85.9$ TM30: $R_f=83$, $R_g=95$
 GAI: $GAI_BB_8=95.3$, $GAI_BB_15=101.7$, $GAI_EES=84.0$

R1 =86	R2 =92	R3 =94	R4 =84	R5 =85	R6 =87	R7 =87	R8 =72
R9 =26	R10=80	R11=83	R12=59	R13=88	R14=97	R15=83	

Color Quality Scale: $Q_a=82.3$, $Q_f=82.2$, $Q_p=82.8$, $Q_g=93.6$

Q1 =84	Q2 =98	Q3 =77	Q4 =71	Q5 =77	Q6 =81	Q7 =87	Q8 =90
Q9 =97	Q10=88	Q11=84	Q12=83	Q13=84	Q14=77	Q15=80	



Photometric Parameters

Luminous Flux: 2965.4 lm	Efficiency: 117.81 lm/W	Radiant Power: 9.430 W
Total mains efficacy: 138.55 lm/W	Energy Efficiency Class: D (EU 2019/2015)	

Electric Parameters

Voltage: 230.50V	Current: 0.1092A	Power: 25.17W
Power Factor: 0.9650	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: 45703 (2604)	CCD Integration Time: 58.90 ms