

Lightsource Test Report

Product Infomation

Product Category: LED-Röhre	Product Type: LED-Röhre-Spezial
Product Spec: LEDtube-150-8DWC-25W-SCE-24	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 102295
Buyer: 4624	

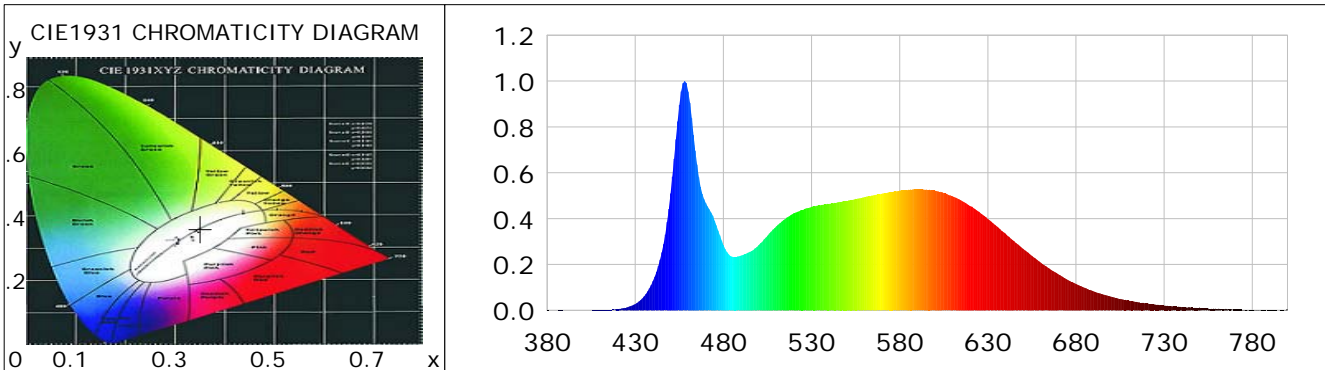
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3510$ $y=0.3607$ $u(u')=0.2118$ $v=0.3266$ $v'=0.4899$
 CCT: $T_c=4820K$ ($duv=0.00223$) Color Ratio: $R=0.166$ $G=0.783$ $B=0.050$
 Peak Wavelength: 458.0nm Half Bandwidth: 18.5nm
 Dominant Wavelength: 572.8nm Color Purity: 0.136
 CRI: $R_a=85.1$ TM30: $R_f=81$, $R_g=91$
 GAI: $GAI_BB_8=87.9$, $GAI_BB_15=96.2$, $GAI_EES=78.6$

R1 =85	R2 =94	R3 =96	R4 =80	R5 =83	R6 =89	R7 =85	R8 =69
R9 =23	R10=84	R11=79	R12=54	R13=89	R14=98	R15=80	

Color Quality Scale: $Q_a=83.1$, $Q_f=83.4$, $Q_p=81.4$, $Q_g=90.2$

Q1 =79	Q2 =95	Q3 =83	Q4 =74	Q5 =76	Q6 =78	Q7 =84	Q8 =90
Q9 =98	Q10=94	Q11=90	Q12=88	Q13=87	Q14=77	Q15=79	



Photometric Parameters

Luminous Flux: 2675.4 lm	Efficiency: 114.77 lm/W	Radiant Power: 8.300 W
Total mains efficacy: 134.97 lm/W	Energy Efficiency Class: E (EU 2019/2015)	

Electric Parameters

Voltage: 11.100V	Current: 2.1000A	Power: 23.31W
Power Factor: 0.8450	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: 44917 (2228)	CCD Integration Time: 68.54 ms