

Lightsource Test Report

Product Infomation

Product Category: LED-Röhre
 Product Spec: LEDtube-150-8DWC-24W-TRF-RC
 Manufacturer: METOLIGHT
 Buyer: 1878

Product Type: LED-Röhre-TRF
 Product Number: 1
 Submitted Unit: 102477

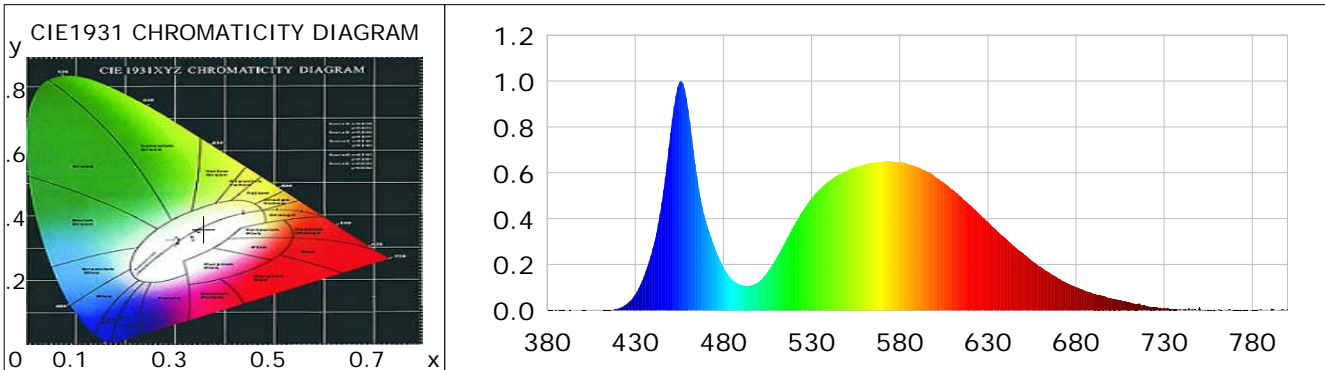
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3580$ $y=0.3602$ $u(u')=0.2168$ $v=0.3271$ $v'=0.4907$
 CCT: $T_c=4573K$ ($duv=-0.00069$) Color Ratio: $R=0.153$ $G=0.812$ $B=0.035$
 Peak Wavelength: 455.9nm Half Bandwidth: 21.2nm
 Dominant Wavelength: 577.0nm Color Purity: 0.155
 CRI: $R_a=72.1$ TM30: $R_f=71$, $R_g=89$
 GAI: $GAI_BB_8=86.3$, $GAI_BB_15=96.0$, $GAI_EES=74.8$

R1 =69	R2 =81	R3 =86	R4 =67	R5 =67	R6 =70	R7 =82	R8 =55
R9 =-26	R10=51	R11=58	R12=34	R13=72	R14=91	R15=66	

Color Quality Scale: $Q_a=69.0$, $Q_f=69.0$, $Q_p=69.7$, $Q_g=86.8$

Q1 =78	Q2 =98	Q3 =63	Q4 =50	Q5 =59	Q6 =63	Q7 =71	Q8 =81
Q9 =92	Q10=77	Q11=69	Q12=70	Q13=72	Q14=61	Q15=67	



Photometric Parameters

Luminous Flux: 3460.0 lm Efficiency: 146.55 lm/W Radiant Power: 10.019 W
 Total mains efficacy: 172.34 lm/W Energy Efficiency Class: C (EU 2019/2015)

Electric Parameters

Voltage: 230.60V Current: 0.1024A Power: 23.61W
 Power Factor: 0.7570 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: 43743 (2497) CCD Integration Time: 290.78 ms