

Lightsource Test Report

Product Information

Product Category: LED-Röhre	Product Type: SCE
Product Spec: LEDtube-150-8NWM-25W-SCE-RM-175	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 105045
Buyer: 6961	

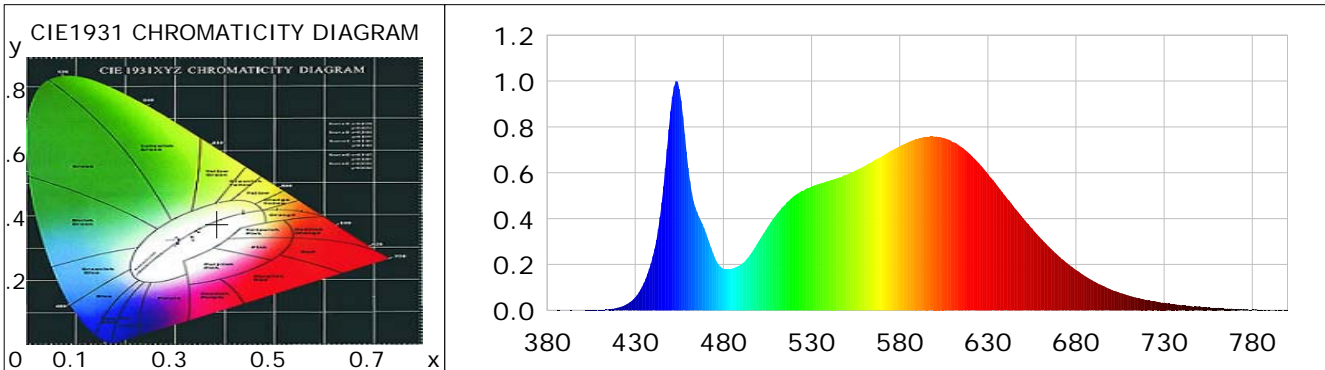
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3848$ $y=0.3763$ $u(u')=0.2282$ $v=0.3347$ $v'=0.5020$
 CCT: $T_c=3880K$ ($duv=-0.00146$) Color Ratio: $R=0.191$ $G=0.776$ $B=0.033$
 Peak Wavelength: 453.4nm Half Bandwidth: 16.9nm
 Dominant Wavelength: 580.3nm Color Purity: 0.284
 CRI: $R_a=83.7$ TM30: $R_f=83$, $R_g=96$
 GAI: $GAI_BB_8=95.4$, $GAI_BB_15=103.3$, $GAI_EES=73.3$

R1 =83	R2 =90	R3 =94	R4 =83	R5 =82	R6 =86	R7 =86	R8 =66
R9 =14	R10=75	R11=81	R12=58	R13=85	R14=97	R15=78	

Color Quality Scale: $Q_a=82.4$, $Q_f=82.2$, $Q_p=83.1$, $Q_g=94.0$

Q1 =83	Q2 =98	Q3 =77	Q4 =74	Q5 =80	Q6 =83	Q7 =85	Q8 =88
Q9 =97	Q10=88	Q11=85	Q12=84	Q13=84	Q14=74	Q15=77	



Photometric Parameters

Luminous Flux: 4095.3 lm	Efficiency: 166.95 lm/W	Radiant Power: 12.372 W
Total mains efficacy: 196.33 lm/W	Energy Efficiency Class: B (EU 2019/2015)	

Electric Parameters

Voltage: 230.00V	Current: 0.1067A	Power: 24.53W
Power Factor: 0.9570	Frequency: 49.99Hz	

Test Information

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: 46258 (2429)	CCD Integration Time: 72.18 ms