

Lightsource Test Report

Product Information

Product Category: LED-Röhre
 Product Spec: LEDtube-145-6CWM-25W
 Manufacturer: METOLIGHT
 Buyer: 2105

Product Type: LED-Röhre-SCE
 Product Number: 1
 Submitted Unit: 102331

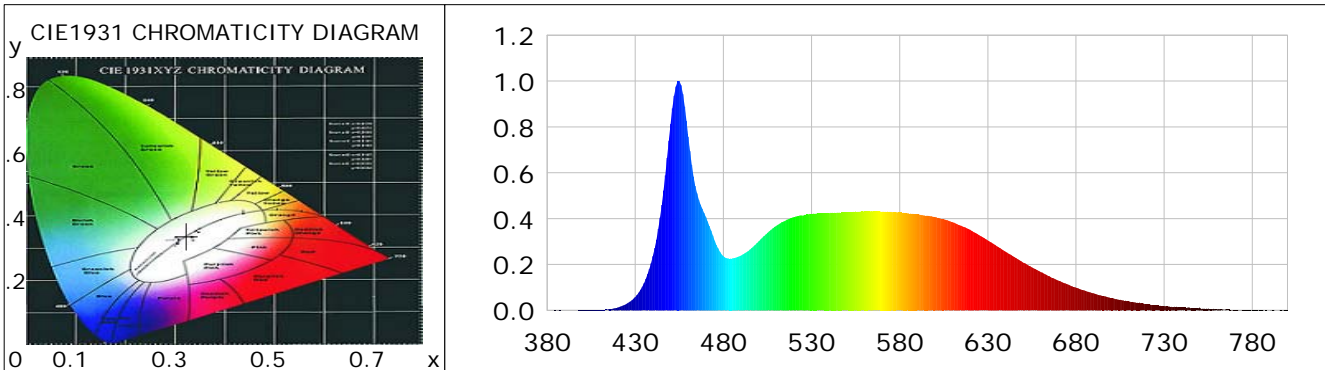
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3228$ $y=0.3378$ $u(u')=0.2015$ $v=0.3163$ $v'=0.4744$
 CCT: $T_c=5946K$ ($duv=0.00274$) Color Ratio: $R=0.148$ $G=0.795$ $B=0.057$
 Peak Wavelength: 454.5nm Half Bandwidth: 19.7nm
 Dominant Wavelength: 497.3nm Color Purity: 0.033
 CRI: $R_a=87.0$ TM30: $R_f=85$, $R_g=95$
 GAI: $GAI_BB_8=92.5$, $GAI_BB_15=98.4$, $GAI_EES=87.7$

R1 =86	R2 =93	R3 =94	R4 =85	R5 =86	R6 =87	R7 =89	R8 =75
R9 =29	R10=81	R11=85	R12=59	R13=89	R14=97	R15=83	

Color Quality Scale: $Q_a=84.3$, $Q_f=84.3$, $Q_p=84.3$, $Q_g=93.1$

Q1 =84	Q2 =98	Q3 =80	Q4 =74	Q5 =80	Q6 =83	Q7 =88	Q8 =91
Q9 =98	Q10=90	Q11=87	Q12=86	Q13=86	Q14=78	Q15=81	



Photometric Parameters

Luminous Flux: 3152.8 lm Efficiency: 128.27 lm/W Radiant Power: 10.207 W
 Total mains efficacy: 150.84 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 230.30V Current: 0.1067A Power: 24.58W
 Power Factor: 0.9730 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: 47049 (2467) CCD Integration Time: 86.65 ms