

Lightsource Test Report

Product Information

Product Category: LED-PL-Röhren
 Product Spec: LED-PL-2G11-I-18-CWM
 Manufacturer: METOLIGHT
 Buyer: 4778

Product Type: LED-PL-Röhren-2G11
 Product Number: 1
 Submitted Unit: 102158

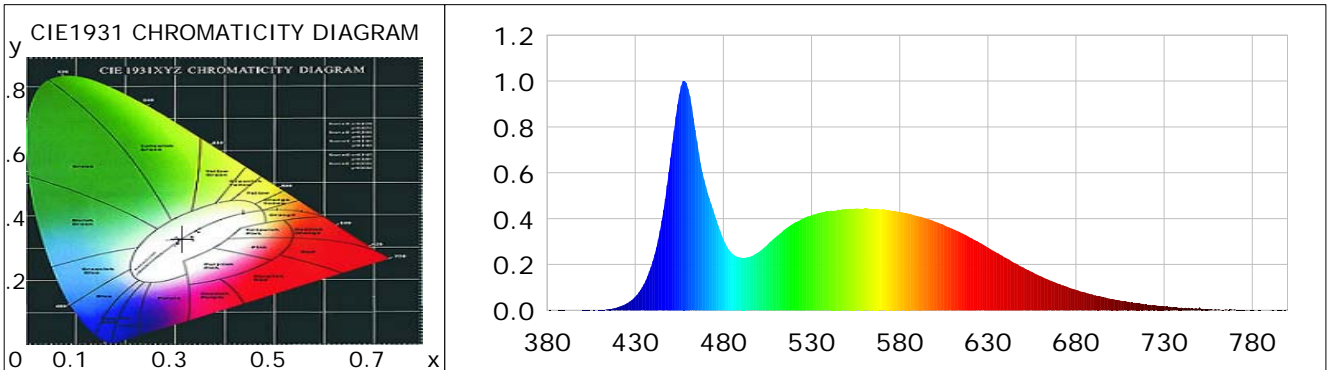
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3143$ $y=0.3306$ $u(u')=0.1983$ $v=0.3129$ $v'=0.4694$
 CCT: $T_c=6412K$ ($duv=0.00321$) Color Ratio: $R=0.138$ $G=0.800$ $B=0.062$
 Peak Wavelength: 457.5nm Half Bandwidth: 24.3nm
 Dominant Wavelength: 489.9nm Color Purity: 0.066
 CRI: $R_a=83.9$ TM30: $R_f=81$, $R_g=91$
 GAI: $GAI_BB_8=88.6$, $GAI_BB_15=95.0$, $GAI_EES=86.0$

R1 =83	R2 =93	R3 =93	R4 =78	R5 =81	R6 =86	R7 =86	R8 =71
R9 =18	R10=79	R11=76	R12=54	R13=87	R14=97	R15=80	

Color Quality Scale: $Q_a=80.2$, $Q_f=80.4$, $Q_p=79.3$, $Q_g=89.7$

Q1 =80	Q2 =97	Q3 =80	Q4 =68	Q5 =72	Q6 =74	Q7 =82	Q8 =89
Q9 =97	Q10=90	Q11=84	Q12=83	Q13=83	Q14=74	Q15=78	



Photometric Parameters

Luminous Flux: 1979.3 lm Efficiency: 112.97 lm/W Radiant Power: 6.434 W
 Total mains efficacy: 132.86 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.80V Current: 0.0760A Power: 17.52W
 Power Factor: 0.9410 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: 46252 (2649) CCD Integration Time: 102.15 ms