

Lightsource Test Report

Product Information

Product Category: LED-PL-Röhren
 Product Spec: LED-PL-2G7-08-NW
 Manufacturer: METOLIGHT
 Buyer: 6420

Product Type: LED-PL-Röhren-2G7
 Product Number: 1
 Submitted Unit: 102009

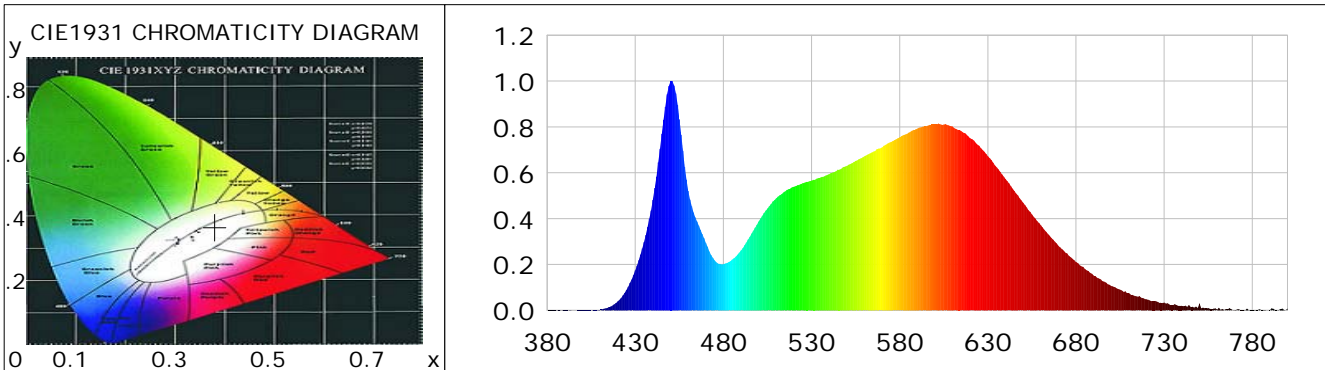
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3804$ $y=0.3667$ $u(u')=0.2292$ $v=0.3314$ $v'=0.4970$
 CCT: $T_c=3923K$ ($duv=-0.00480$) Color Ratio: $R=0.195$ $G=0.769$ $B=0.035$
 Peak Wavelength: 450.5nm Half Bandwidth: 20.2nm
 Dominant Wavelength: 582.4nm Color Purity: 0.242
 CRI: $R_a=86.6$ TM30: $R_f=85$, $R_g=99$
 GAI: $GAI_BB_8=102.9$, $GAI_BB_15=107.7$, $GAI_EES=79.9$

R1 =87	R2 =91	R3 =94	R4 =87	R5 =87	R6 =88	R7 =87	R8 =72
R9 =29	R10=79	R11=87	R12=69	R13=88	R14=97	R15=83	

Color Quality Scale: $Q_a=84.7$, $Q_f=83.9$, $Q_p=86.9$, $Q_g=97.5$

Q1 =85	Q2 =98	Q3 =78	Q4 =78	Q5 =85	Q6 =87	Q7 =87	Q8 =90
Q9 =97	Q10=88	Q11=85	Q12=84	Q13=85	Q14=78	Q15=81	



Photometric Parameters

Luminous Flux: 892.20 lm Efficiency: 114.53 lm/W Radiant Power: 2.790 W
 Total mains efficacy: 134.69 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.90V Current: 0.0360A Power: 7.79W
 Power Factor: 0.9340 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: 45897 (2713) CCD Integration Time: 302.74 ms