

Lightsource Test Report

Product Information

Product Category: LED-PL-Röhre
 Product Spec: LED-PL-2G10-4i-10W-DWM
 Manufacturer: METOLIGHT
 Buyer: 4493

Product Type: LED-PL-Röhren-2G10
 Product Number: 1
 Submitted Unit: 104419

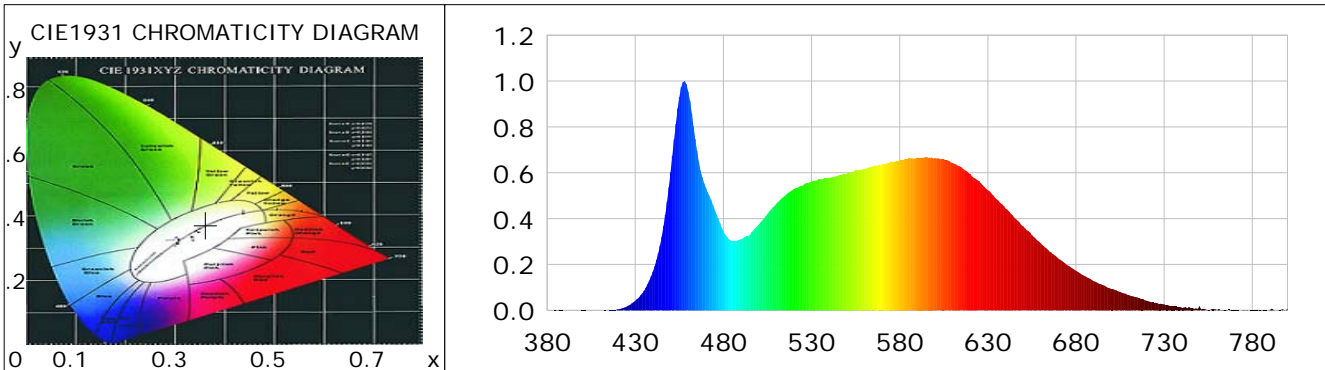
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3615$ $y=0.3724$ $u(u')=0.2144$ $v=0.3312$ $v'=0.4969$
 CCT: $T_c=4527K$ ($duv=0.00403$) Color Ratio: $R=0.172$ $G=0.780$ $B=0.048$
 Peak Wavelength: 457.8nm Half Bandwidth: 23.5nm
 Dominant Wavelength: 574.1nm Color Purity: 0.203
 CRI: $R_a=85.8$ TM30: $R_f=83$, $R_g=91$
 GAI: $GAI_BB_8=86.6$, $GAI_BB_15=94.7$, $GAI_EES=74.6$

R1 =85	R2 =94	R3 =96	R4 =81	R5 =84	R6 =90	R7 =86	R8 =70
R9 =25	R10=83	R11=81	R12=57	R13=88	R14=99	R15=80	

Color Quality Scale: $Q_a=84.7$, $Q_f=85.0$, $Q_p=82.9$, $Q_g=90.4$

Q1 =80	Q2 =95	Q3 =85	Q4 =77	Q5 =79	Q6 =80	Q7 =85	Q8 =91
Q9 =97	Q10=95	Q11=91	Q12=90	Q13=89	Q14=78	Q15=80	



Photometric Parameters

Luminous Flux: 985.90 lm Efficiency: 91.46 lm/W Radiant Power: 3.039 W
 Total mains efficacy: 107.55 lm/W Energy Efficiency Class: F (EU 2019/2015)

Electric Parameters

Voltage: 231.10V Current: 0.0490A Power: 10.78W
 Power Factor: 0.9350 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: 46370 (2537) CCD Integration Time: 220.83 ms