

Lightsource Test Report

Product Information

Product Category: LED-PL-Röhren
 Product Spec: LED-PL-2G7-08-CW
 Manufacturer: METOLIGHT
 Buyer: 2320

Product Type: LED-PL-Röhren-2G7
 Product Number: 1
 Submitted Unit: 102010

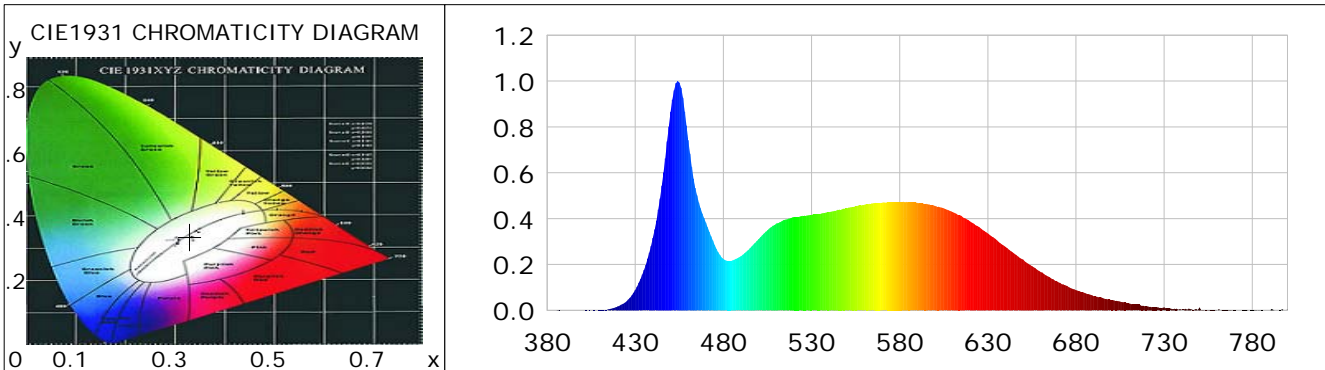
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3296$ $y=0.3360$ $u(u')=0.2069$ $v=0.3164$ $v'=0.4745$
 CCT: $T_c=5628K$ ($duv=-0.00133$) Color Ratio: $R=0.154$ $G=0.792$ $B=0.054$
 Peak Wavelength: 454.1nm Half Bandwidth: 20.8nm
 Dominant Wavelength: 501.5nm Color Purity: 0.011
 CRI: $R_a=86.5$ TM30: $R_f=84$, $R_g=96$
 GAI: $GAI_BB_8=95.7$, $GAI_BB_15=100.9$, $GAI_EES=88.8$

R1 =86	R2 =92	R3 =94	R4 =86	R5 =86	R6 =87	R7 =88	R8 =73
R9 =25	R10=80	R11=86	R12=62	R13=88	R14=97	R15=83	

Color Quality Scale: $Q_a=82.8$, $Q_f=82.6$, $Q_p=83.7$, $Q_g=94.0$

Q1 =85	Q2 =99	Q3 =78	Q4 =73	Q5 =80	Q6 =84	Q7 =89	Q8 =91
Q9 =97	Q10=88	Q11=83	Q12=82	Q13=83	Q14=76	Q15=79	



Photometric Parameters

Luminous Flux: 853.20 lm Efficiency: 113.76 lm/W Radiant Power: 2.727 W
 Total mains efficacy: 133.78 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.80V Current: 0.0325A Power: 7.50W
 Power Factor: 0.4770 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: 43475 (2648) CCD Integration Time: 192.97 ms