

Lightsource Test Report

Product Information

Product Category: LED-Röhre
 Product Spec: Ledtube-013-5NWM-4-TRF
 Manufacturer: METOLIGHT
 Buyer: 7709

Product Type: LED-Röhre-TRF
 Product Number: 1
 Submitted Unit: 103465

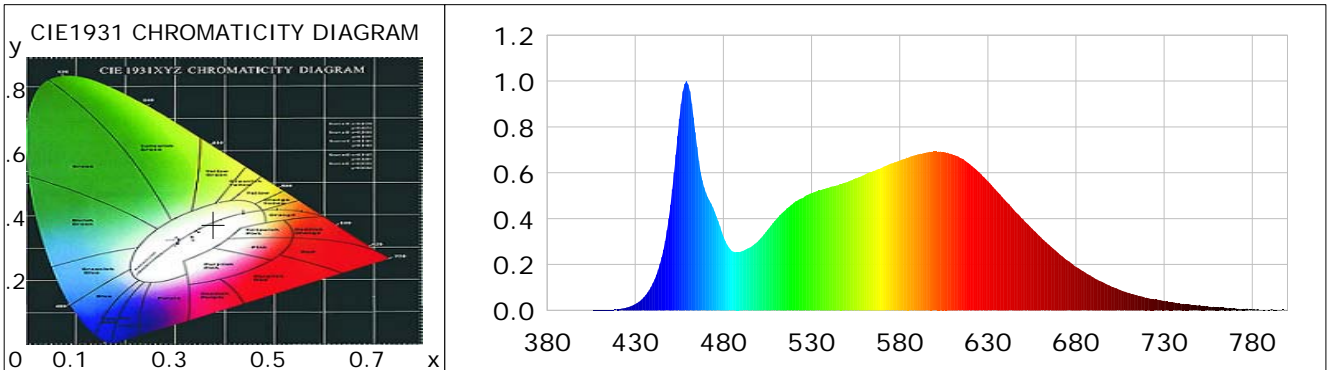
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3771$ $y=0.3740$ $u(u')=0.2240$ $v=0.3332$ $v'=0.4998$
 CCT: $T_c=4073K$ ($duv=-0.00032$) Color Ratio: $R=0.189$ $G=0.767$ $B=0.044$
 Peak Wavelength: 459.0nm Half Bandwidth: 20.2nm
 Dominant Wavelength: 579.0nm Color Purity: 0.254
 CRI: $R_a=86.4$ TM30: $R_f=83$, $R_g=92$
 GAI: $GAI_BB_8=91.6$, $GAI_BB_15=100.1$, $GAI_EES=73.3$

R1 =87	R2 =96	R3 =96	R4 =82	R5 =85	R6 =91	R7 =85	R8 =70
R9 =30	R10=87	R11=81	R12=60	R13=90	R14=99	R15=82	

Color Quality Scale: $Q_a=84.4$, $Q_f=84.7$, $Q_p=83.2$, $Q_g=91.8$

Q1 =81	Q2 =95	Q3 =84	Q4 =76	Q5 =78	Q6 =80	Q7 =86	Q8 =90
Q9 =98	Q10=94	Q11=90	Q12=88	Q13=88	Q14=79	Q15=81	



Photometric Parameters

Luminous Flux: 539.20 lm Efficiency: 114.72 lm/W Radiant Power: 1.684 W
 Total mains efficacy: 134.91 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.20V Current: 0.0205A Power: 4.70W
 Power Factor: 0.6900 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: 45577 (2370) CCD Integration Time: 80.00 ms