

Lightsource Test Report

Product Information

Product Category: LED-Leuchte
 Product Spec: LED-MML-M9T-18-CW
 Manufacturer: METOLIGHT
 Buyer: 7001 - 21045

Product Type: LED-Maschinenleuchte
 Product Number: 2
 Submitted Unit: 103818

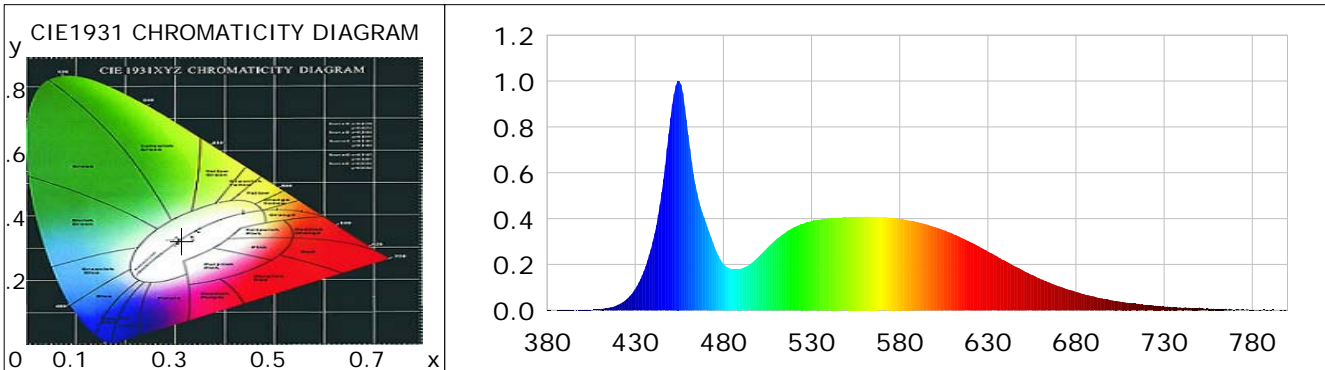
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3133$ $y=0.3228$ $u(u')=0.2006$ $v=0.3100$ $v'=0.4651$
 CCT: $T_c=6520K$ ($duv=-0.00033$) Color Ratio: $R=0.139$ $G=0.805$ $B=0.056$
 Peak Wavelength: 454.5nm Half Bandwidth: 20.7nm
 Dominant Wavelength: 484.7nm Color Purity: 0.076
 CRI: $R_a=84.4$ TM30: $R_f=81$, $R_g=94$
 GAI: $GAI_BB_8=93.0$, $GAI_BB_15=98.7$, $GAI_EES=90.8$

R1 =84	R2 =89	R3 =90	R4 =83	R5 =83	R6 =82	R7 =89	R8 =74
R9 =22	R10=72	R11=82	R12=54	R13=86	R14=94	R15=82	

Color Quality Scale: $Q_a=80.0$, $Q_f=79.5$, $Q_p=81.4$, $Q_g=92.7$

Q1 =85	Q2 =98	Q3 =74	Q4 =66	Q5 =74	Q6 =79	Q7 =86	Q8 =90
Q9 =94	Q10=85	Q11=79	Q12=80	Q13=81	Q14=75	Q15=79	



Photometric Parameters

Luminous Flux: 1479.6 lm Efficiency: 82.34 lm/W Radiant Power: 4.852 W
 Total mains efficacy: 96.83 lm/W Energy Efficiency Class: F (EU 2019/2015)

Electric Parameters

Voltage: 24.010V Current: 0.7484A Power: 17.97W
 Power Factor: 0.7450 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: 43697 (2401) CCD Integration Time: 61.63 ms