

Lightsource Test Report

Product Information

Product Category: LED-Leuchte
 Product Spec: LED-MML-M9T-12-CW
 Manufacturer: METOLIGHT
 Buyer: 7001 - 21045

Product Type: LED-Maschinenleuchte
 Product Number: 1
 Submitted Unit: 101477

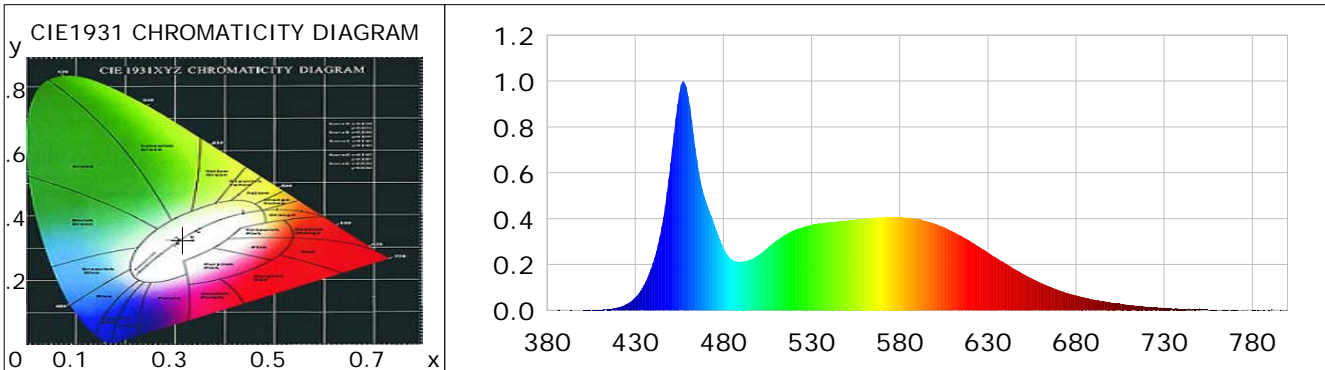
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3152$ $y=0.3261$ $u(u')=0.2007$ $v=0.3114$ $v'=0.4671$
 CCT: $T_c=6388K$ ($duv=0.00041$) Color Ratio: $R=0.141$ $G=0.796$ $B=0.063$
 Peak Wavelength: 457.2nm Half Bandwidth: 21.3nm
 Dominant Wavelength: 486.4nm Color Purity: 0.067
 CRI: $R_a=84.4$ TM30: $R_f=81$, $R_g=92$
 GAI: $GAI_BB_8=90.3$, $GAI_BB_15=96.3$, $GAI_EES=87.6$

R1 =85	R2 =94	R3 =94	R4 =79	R5 =83	R6 =87	R7 =85	R8 =69
R9 =16	R10=82	R11=79	R12=56	R13=89	R14=97	R15=81	

Color Quality Scale: $Q_a=80.0$, $Q_f=80.1$, $Q_p=79.5$, $Q_g=90.2$

Q1 =80	Q2 =97	Q3 =79	Q4 =68	Q5 =72	Q6 =75	Q7 =84	Q8 =89
Q9 =97	Q10=89	Q11=83	Q12=82	Q13=82	Q14=73	Q15=76	



Photometric Parameters

Luminous Flux: 998.87 lm Efficiency: 82.08 lm/W Radiant Power: 3.228 W
 Total mains efficacy: 96.52 lm/W Energy Efficiency Class: F (EU 2019/2015)

Electric Parameters

Voltage: 24.010V Current: 0.5070A Power: 12.17W
 Power Factor: 0.7160 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: 44723 (2535) CCD Integration Time: 98.78 ms