

Lightsource Test Report

Product Information

Product Category: LED-Leuchten
 Product Spec: LED-MML-M9T-16-CW
 Manufacturer: METOLIGHT
 Buyer: 7001

Product Type: LED-Leuchten-Maschineneleuchten
 Product Number: 1
 Submitted Unit: 104028

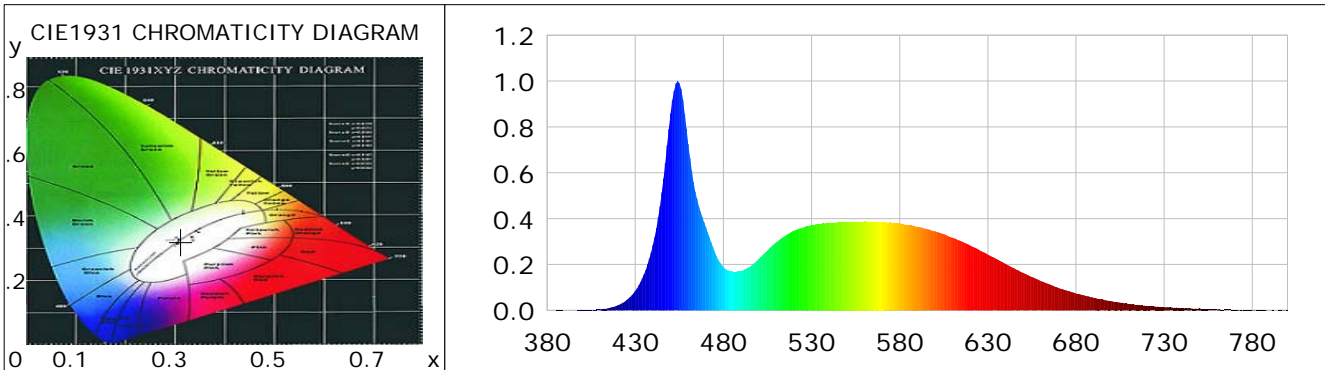
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3115$ $y=0.3201$ $u(u')=0.2004$ $v=0.3089$ $v'=0.4633$
 CCT: $T_c=6652K$ ($duv=-0.00082$) Color Ratio: $R=0.139$ $G=0.805$ $B=0.056$
 Peak Wavelength: 454.0nm Half Bandwidth: 19.8nm
 Dominant Wavelength: 483.5nm Color Purity: 0.085
 CRI: $R_a=84.5$ TM30: $R_f=81$, $R_g=95$
 GAI: $GAI_BB_8=93.4$, $GAI_BB_15=99.0$, $GAI_EES=91.7$

R1 =84	R2 =89	R3 =89	R4 =84	R5 =83	R6 =82	R7 =89	R8 =75
R9 =23	R10=72	R11=82	R12=53	R13=86	R14=94	R15=83	

Color Quality Scale: $Q_a=79.9$, $Q_f=79.4$, $Q_p=81.6$, $Q_g=93.0$

Q1 =86	Q2 =98	Q3 =74	Q4 =66	Q5 =74	Q6 =79	Q7 =87	Q8 =91
Q9 =94	Q10=84	Q11=79	Q12=79	Q13=81	Q14=75	Q15=79	



Photometric Parameters

Luminous Flux: 1299.8 lm Efficiency: 82.01 lm/W Radiant Power: 4.270 W
 Total mains efficacy: 96.44 lm/W Energy Efficiency Class: F (EU 2019/2015)

Electric Parameters

Voltage: 24.020V Current: 0.6600A Power: 15.85W
 Power Factor: 0.7340 Frequency: 50.00Hz

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: 46065 (2349) CCD Integration Time: 76.82 ms