

Lightsource Test Report

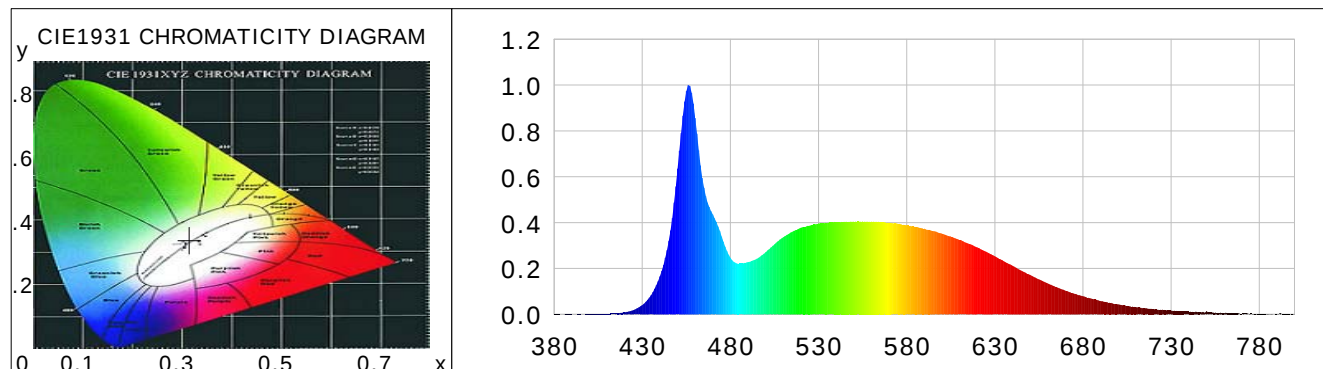
Product Information

Product Category: LED-Leuchte
Product Spec: LED-MML-M9S-16-CW
Manufacturer: METOLIGHT
Buyer: 7001 - 21045

Product Type: LED-Maschinenleuchte
Product Number: 1
Submitted Unit: 105324

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3148$ $y=0.3386$ $u(u')=0.1957$ $v=0.3158$ $v'=0.4737$
CCT: $T_c=6336K$ ($duv=0.00704$) Color Ratio: $R=0.136$ $G=0.804$ $B=0.061$
Peak Wavelength: 456.4nm Half Bandwidth: 18.4nm
Dominant Wavelength: 495.4nm Color Purity: 0.060
CRI: $R_a=83.9$ TM30: $R_f=82$, $R_g=91$
GAI: $GAI_BB_8=86.8$, $GAI_BB_15=93.7$, $GAI_EES=84.1$
 $R1=82$ $R2=92$ $R3=94$ $R4=79$ $R5=81$ $R6=86$ $R7=87$ $R8=70$
 $R9=15$ $R10=78$ $R11=78$ $R12=53$ $R13=86$ $R14=97$ $R15=78$
Color Quality Scale: $Q_a=82.0$, $Q_f=82.3$, $Q_p=80.5$, $Q_g=89.5$
 $Q1=80$ $Q2=96$ $Q3=82$ $Q4=72$ $Q5=75$ $Q6=77$ $Q7=83$ $Q8=89$
 $Q9=97$ $Q10=92$ $Q11=87$ $Q12=86$ $Q13=85$ $Q14=74$ $Q15=77$



Photometric Parameters

Luminous Flux: 1854.7 lm Efficiency: 114.14 lm/W Radiant Power: 5.942 W
Total mains efficacy: 134.22 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 24.010V Current: 0.6770A Power: 16.25W
Power Factor: 0.7330 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: 45251 (2436) CCD Integration Time: 81.55 ms