

## Lightsource Test Report

### Product Information

Product Category: LED-Leuchte  
 Product Spec: LED-MML-CL-6112D-CWS  
 Manufacturer: METOLIGHT  
 Buyer: 7127

Product Type: LED-Maschinenleuchte  
 Product Number: 1  
 Submitted Unit: 102356

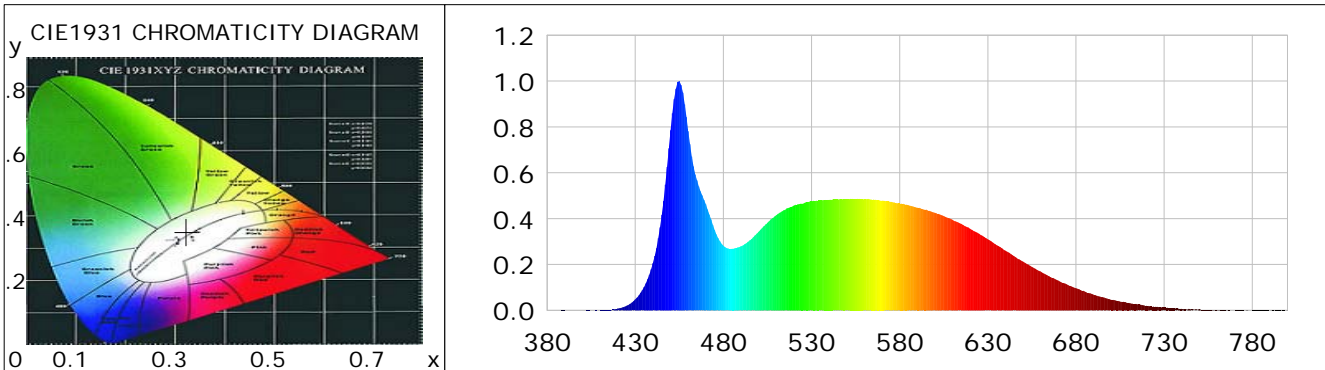
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3224$   $y=0.3514$   $u(u')=0.1962$   $v=0.3208$   $v'=0.4812$   
 CCT:  $T_c=5932K$  ( $duv=0.00973$ ) Color Ratio:  $R=0.138$   $G=0.806$   $B=0.057$   
 Peak Wavelength: 454.7nm Half Bandwidth: 21.8nm  
 Dominant Wavelength: 515.5nm Color Purity: 0.038  
 CRI:  $R_a=83.4$  TM30:  $R_f=83$ ,  $R_g=92$   
 GAI:  $GAI\_BB\_8=85.2$ ,  $GAI\_BB\_15=92.0$ ,  $GAI\_EES=80.7$   

R1 =81	R2 =90	R3 =95	R4 =79	R5 =81	R6 =86	R7 =88	R8 =69
R9 =9	R10=76	R11=79	R12=55	R13=84	R14=97	R15=75	

Color Quality Scale:  $Q_a=82.9$ ,  $Q_f=83.3$ ,  $Q_p=80.9$ ,  $Q_g=89.2$   

Q1 =80	Q2 =97	Q3 =83	Q4 =75	Q5 =78	Q6 =79	Q7 =84	Q8 =89
Q9 =97	Q10=92	Q11=89	Q12=87	Q13=86	Q14=73	Q15=77	



### Photometric Parameters

Luminous Flux: 1385.8 lm Efficiency: 101.82 lm/W Radiant Power: 4.320 W  
 Total mains efficacy: 110.88 lm/W Energy Efficiency Class: E (EU 2019/2015)

### Electric Parameters

Voltage: 24.010V Current: 0.5670A Power: 13.61W  
 Power Factor: 0.7250 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: 44607 (2129) CCD Integration Time: 150.20 ms