

## Lightsource Test Report

### Product Information

Product Category: LED-Leuchten  
 Product Spec: LED-LIN-BAT-CCT-150  
 Manufacturer: METOLIGHT  
 Buyer: 8022

Product Type: LED-Leuchten-Linearleuchten  
 Product Number: 1  
 Submitted Unit: 103868

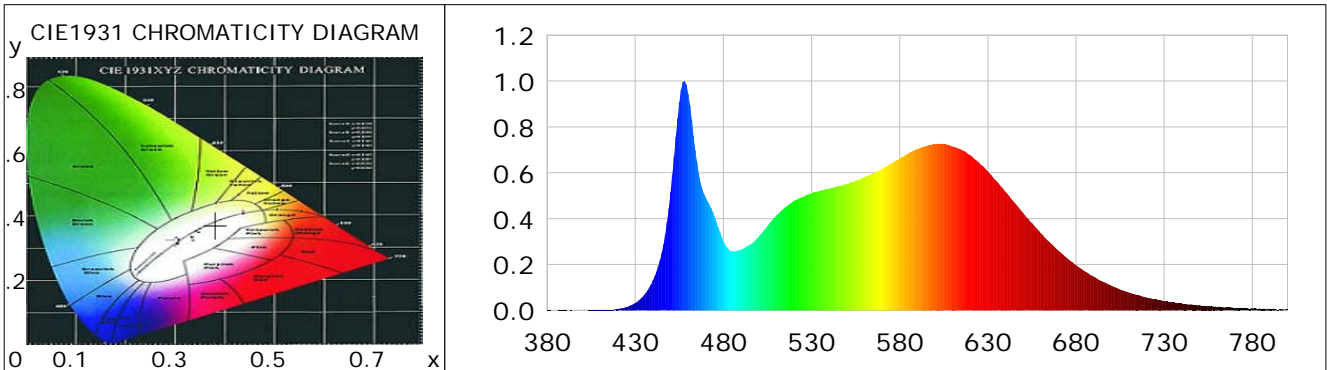
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3813$   $y=0.3721$   $u(u')=0.2276$   $v=0.3331$   $v'=0.4997$   
 CCT:  $T_c=3941K$  ( $duv=-0.00244$ ) Color Ratio:  $R=0.197$   $G=0.760$   $B=0.043$   
 Peak Wavelength: 457.7nm Half Bandwidth: 19.7nm  
 Dominant Wavelength: 580.7nm Color Purity: 0.261  
 CRI:  $R_a=88.2$  TM30:  $R_f=84$ ,  $R_g=94$   
 GAI:  $GAI\_BB\_8=96.0$ ,  $GAI\_BB\_15=104.0$ ,  $GAI\_EES=74.8$   

R1 =90	R2 =97	R3 =96	R4 =85	R5 =88	R6 =93	R7 =85	R8 =72
R9 =36	R10=91	R11=85	R12=64	R13=93	R14=99	R15=85	

Color Quality Scale:  $Q_a=86.1$ ,  $Q_f=86.1$ ,  $Q_p=85.7$ ,  $Q_g=93.7$   

Q1 =83	Q2 =96	Q3 =85	Q4 =78	Q5 =81	Q6 =84	Q7 =89	Q8 =91
Q9 =98	Q10=94	Q11=91	Q12=89	Q13=88	Q14=81	Q15=82	



### Photometric Parameters

Luminous Flux: 7182.8 lm Efficiency: 123.84 lm/W Radiant Power: 22.662 W  
 Total mains efficacy: 145.64 lm/W Energy Efficiency Class: D (EU 2019/2015)

### Electric Parameters

Voltage: 230.50V Current: 0.2516A Power: 58.00W  
 Power Factor: 0.9800 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: 44261 (2500) CCD Integration Time: 39.26 ms