

## Lightsource Test Report

### Product Information

Product Category: LED-Leuchten  
 Product Spec: LED-LIN-L07C-120-40W-NWM  
 Manufacturer: METOLIGHT  
 Buyer: 4203

Product Type: LED-Leuchten-Linearleuchten  
 Product Number: 1  
 Submitted Unit: 104286

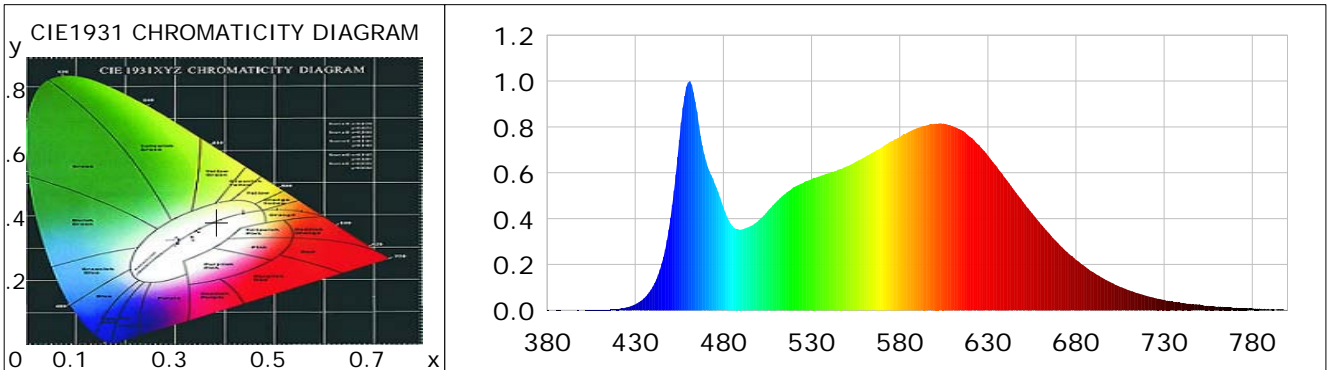
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3838$   $y=0.3815$   $u(u')=0.2255$   $v=0.3361$   $v'=0.5041$   
 CCT:  $T_c=3944K$  ( $duv=0.00122$ ) Color Ratio:  $R=0.194$   $G=0.759$   $B=0.047$   
 Peak Wavelength: 460.8nm Half Bandwidth: 26.1nm  
 Dominant Wavelength: 578.7nm Color Purity: 0.297  
 CRI:  $R_a=86.8$  TM30:  $R_f=82$ ,  $R_g=90$   
 GAI:  $GAI\_BB\_8=88.5$ ,  $GAI\_BB\_15=97.1$ ,  $GAI\_EES=69.0$   

R1 =88	R2 =98	R3 =94	R4 =81	R5 =87	R6 =95	R7 =83	R8 =70
R9 =32	R10=93	R11=82	R12=65	R13=92	R14=97	R15=83	

Color Quality Scale:  $Q_a=85.5$ ,  $Q_f=85.8$ ,  $Q_p=84.0$ ,  $Q_g=90.3$   

Q1 =79	Q2 =91	Q3 =90	Q4 =80	Q5 =79	Q6 =80	Q7 =86	Q8 =91
Q9 =95	Q10=97	Q11=94	Q12=91	Q13=90	Q14=80	Q15=81	



### Photometric Parameters

Luminous Flux: 5894.0 lm Efficiency: 149.78 lm/W Radiant Power: 18.400 W  
 Total mains efficacy: 176.15 lm/W Energy Efficiency Class: C (EU 2019/2015)

### Electric Parameters

Voltage: 229.70V Current: 0.1713A Power: 39.35W  
 Power Factor: 0.9670 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: 45905 (2260) CCD Integration Time: 65.41 ms