

## Lightsource Test Report

### Product Information

Product Category: LED-Leuchten  
 Product Spec: LED-LIN-T5T-060-12-CW  
 Manufacturer: METOLIGHT  
 Buyer: 4624

Product Type: LED-Leuchten-Linearleuchten  
 Product Number: 1  
 Submitted Unit: 102420

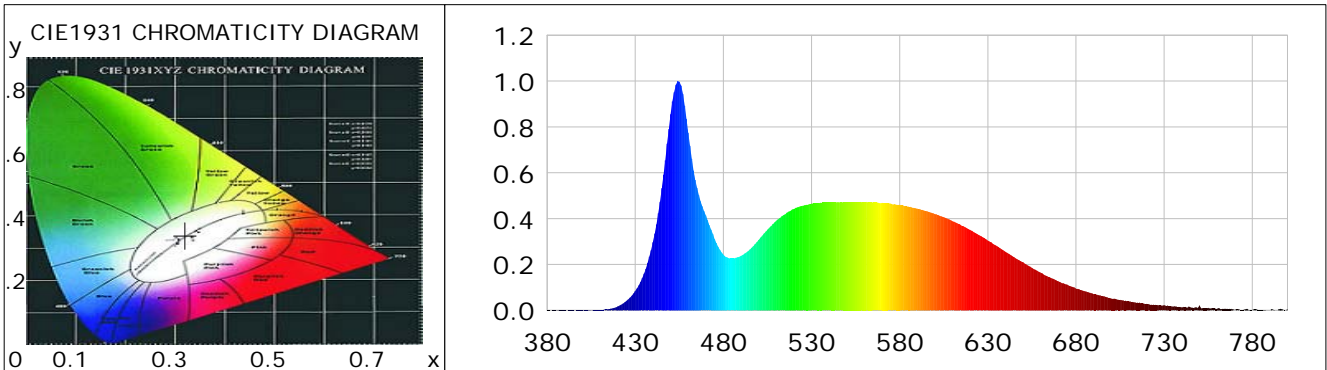
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3201$   $y=0.3407$   $u(u')=0.1986$   $v=0.3170$   $v'=0.4755$   
 CCT:  $T_c=6064K$  ( $duv=0.00548$ ) Color Ratio:  $R=0.139$   $G=0.806$   $B=0.054$   
 Peak Wavelength: 454.4nm Half Bandwidth: 21.7nm  
 Dominant Wavelength: 499.1nm Color Purity: 0.041  
 CRI:  $R_a=84.0$  TM30:  $R_f=83$ ,  $R_g=94$   
 GAI:  $GAI\_BB\_8=89.4$ ,  $GAI\_BB\_15=95.6$ ,  $GAI\_EES=85.4$   

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =82 | R2 =89 | R3 =92 | R4 =82 | R5 =82 | R6 =84 | R7 =89 | R8 =71 |
| R9 =14 | R10=73 | R11=81 | R12=55 | R13=84 | R14=96 | R15=78 |        |

Color Quality Scale:  $Q_a=82.3$ ,  $Q_f=82.4$ ,  $Q_p=82.0$ ,  $Q_g=91.4$   

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Q1 =83 | Q2 =98 | Q3 =79 | Q4 =72 | Q5 =78 | Q6 =81 | Q7 =86 | Q8 =90 |
| Q9 =97 | Q10=88 | Q11=85 | Q12=84 | Q13=84 | Q14=74 | Q15=78 |        |



### Photometric Parameters

Luminous Flux: 1319.8 lm Efficiency: 111.94 lm/W Radiant Power: 4.205 W  
 Total mains efficacy: 131.64 lm/W Energy Efficiency Class: E (EU 2019/2015)

### Electric Parameters

Voltage: 230.50V Current: 0.0512A Power: 11.79W  
 Power Factor: 0.9080 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: 46219 (2615) CCD Integration Time: 166.95 ms