

## Lightsource Test Report

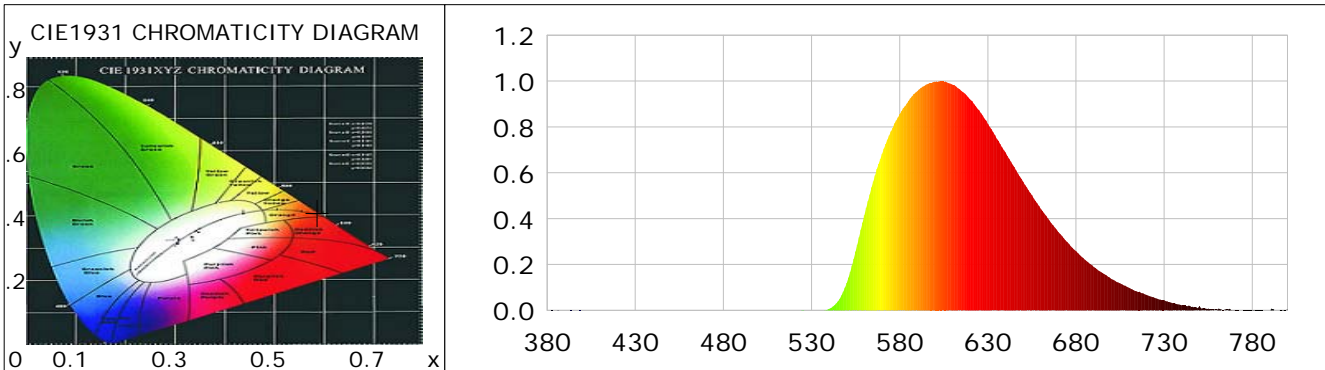
### Product Infomation

Product Category: LED-Röhren  
 Product Spec: LEDtube-UVL-500-060-T8-10W  
 Manufacturer: METOLIGHT

Product Type: LED-Röhren-UVL  
 Product Number: 1  
 Submitted Unit: 101238

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.5875$   $y=0.4115$   $u(u')=0.3475$   $v=0.3651$   $v'=0.5476$   
 CCT:  $T_c=1581K$  ( $duv=0.00456$ ) Color Ratio:  $R=0.355$   $G=0.645$   $B=0.000$   
 Peak Wavelength: 603.4nm Half Bandwidth: 92.4nm  
 Dominant Wavelength: 592.2nm Color Purity: 0.999  
 CRI:  $R_a=34.8$  TM30:  $R_f=15$ ,  $R_g=6$   
 GAI:  $GAI\_BB\_8=0.9$ ,  $GAI\_BB\_15=1.0$ ,  $GAI\_EES=0.1$   
 $R1=24$   $R2=63$   $R3=75$   $R4=2$   $R5=15$   $R6=46$   $R7=53$   $R8=-7$   
 $R9=-101$   $R10=34$   $R11=-33$   $R12=-3$   $R13=25$   $R14=85$   $R15=23$   
 Color Quality Scale:  $Q_a=0.1$ ,  $Q_f=0.2$ ,  $Q_p=0.0$ ,  $Q_g=1.8$   
 $Q1=44$   $Q2=14$   $Q3=0$   $Q4=0$   $Q5=0$   $Q6=4$   $Q7=25$   $Q8=21$   
 $Q9=0$   $Q10=0$   $Q11=0$   $Q12=0$   $Q13=0$   $Q14=0$   $Q15=7$



### Photometric Parameters

Luminous Flux: 875.14 lm Efficiency: 93.90 lm/W Radiant Power: 2.697 W  
 Total mains efficacy: 110.43 lm/W Energy Efficiency Class: E (EU 2019/2015)

### Electric Parameters

Voltage: 230.50V Current: 0.0404A Power: 9.32W  
 Power Factor: 0.9330 Frequency: 49.99Hz

### Test Infomation

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: 47332 (2246) CCD Integration Time: 360.34 ms