

## Lightsource Test Report

### Product Infomation

Product Category: LED-Röhre	Product Type: LED-Röhre-TRF
Product Spec: LEDtube-150-8NWC-24W-TRF-RC	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 103481
Buyer: 6852	

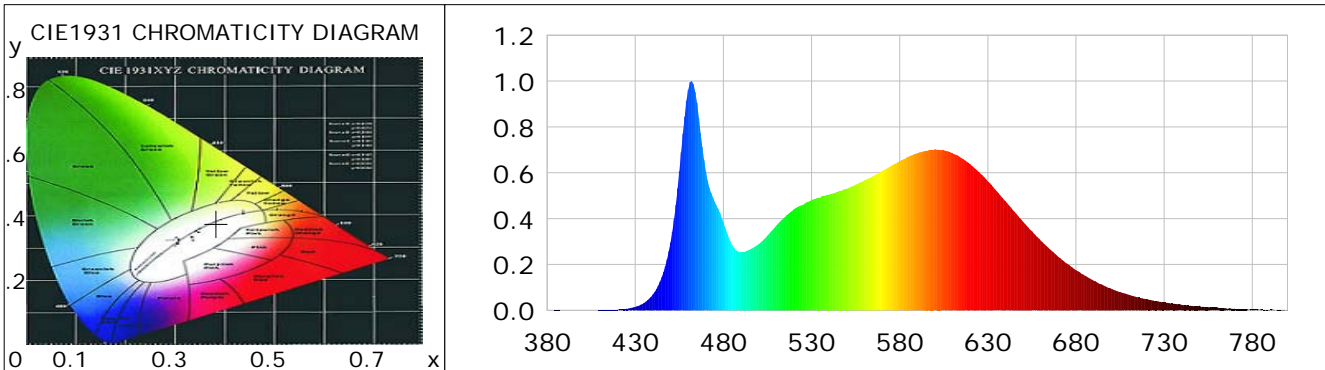
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3831$   $y=0.3769$   $u(u')=0.2268$   $v=0.3347$   $v'=0.5021$   
 CCT:  $T_c=3930K$  ( $duv=-0.00068$ ) Color Ratio:  $R=0.194$   $G=0.759$   $B=0.046$   
 Peak Wavelength: 461.8nm Half Bandwidth: 20.1nm  
 Dominant Wavelength: 579.7nm Color Purity: 0.281  
 CRI:  $R_a=85.6$  TM30:  $R_f=81$ ,  $R_g=90$   
 GAI:  $GAI\_BB\_8=90.2$ ,  $GAI\_BB\_15=99.3$ ,  $GAI\_EES=70.1$

R1 =88	R2 =98	R3 =93	R4 =79	R5 =85	R6 =93	R7 =81	R8 =67
R9 =27	R10=92	R11=79	R12=62	R13=91	R14=97	R15=82	

Color Quality Scale:  $Q_a=83.6$ ,  $Q_f=83.9$ ,  $Q_p=82.0$ ,  $Q_g=90.1$

Q1 =78	Q2 =92	Q3 =87	Q4 =76	Q5 =76	Q6 =77	Q7 =84	Q8 =90
Q9 =97	Q10=96	Q11=91	Q12=89	Q13=88	Q14=79	Q15=79	



### Photometric Parameters

Luminous Flux: 3575.0 lm	Efficiency: 149.77 lm/W	Radiant Power: 11.097 W
Total mains efficacy: 176.13 lm/W	Energy Efficiency Class: C (EU 2019/2015)	

### Electric Parameters

Voltage: 230.80V	Current: 0.1034A	Power: 23.87W
Power Factor: 0.9590	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: 44959 (2334)	CCD Integration Time: 71.86 ms