

## Lightsource Test Report

### Product Information

Product Category: LED-Röhre	Product Type: LED-Röhre SCE
Product Spec: LEDtube-150-8CWM-30W-SCE-RM-175	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 102579
Buyer: 6961	

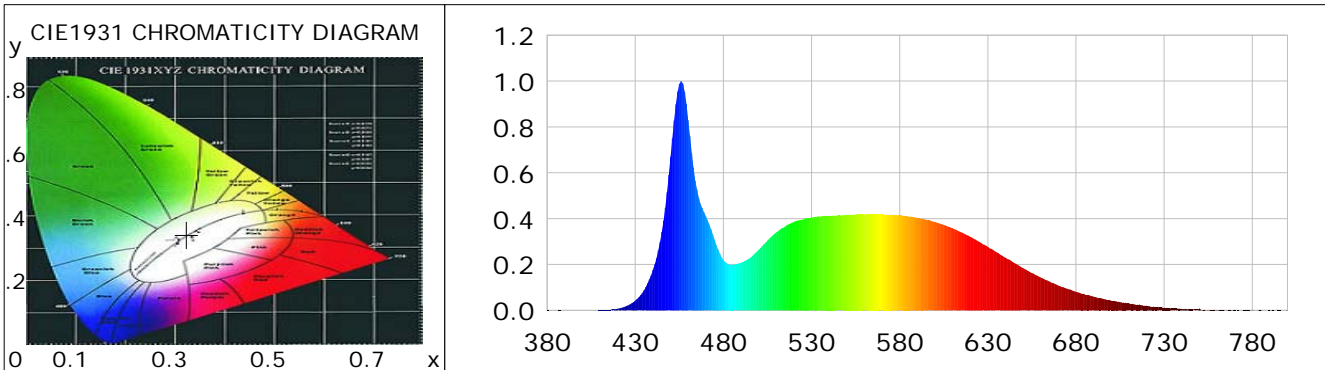
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3233$   $y=0.3425$   $u(u')=0.2001$   $v=0.3179$   $v'=0.4769$   
 CCT:  $T_c=5914K$  ( $duv=0.00491$ ) Color Ratio:  $R=0.143$   $G=0.802$   $B=0.055$   
 Peak Wavelength: 456.0nm Half Bandwidth: 18.0nm  
 Dominant Wavelength: 504.1nm Color Purity: 0.030  
 CRI:  $R_a=84.1$  TM30:  $R_f=82$ ,  $R_g=93$   
 GAI:  $GAI\_BB\_8=88.9$ ,  $GAI\_BB\_15=95.6$ ,  $GAI\_EES=84.1$

R1 =83	R2 =91	R3 =94	R4 =81	R5 =82	R6 =86	R7 =87	R8 =70
R9 =15	R10=77	R11=80	R12=54	R13=86	R14=97	R15=78	

Color Quality Scale:  $Q_a=81.8$ ,  $Q_f=81.9$ ,  $Q_p=81.0$ ,  $Q_g=90.6$

Q1 =81	Q2 =97	Q3 =79	Q4 =71	Q5 =76	Q6 =79	Q7 =85	Q8 =89
Q9 =97	Q10=90	Q11=86	Q12=85	Q13=84	Q14=74	Q15=77	



### Photometric Parameters

Luminous Flux: 4985.0 lm	Efficiency: 172.07 lm/W	Radiant Power: 15.703 W
Total mains efficacy: 202.36 lm/W	Energy Efficiency Class: B (EU 2019/2015)	

### Electric Parameters

Voltage: 230.90V	Current: 0.1255A	Power: 28.97W
Power Factor: 0.9380	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: 46848 (2287)	CCD Integration Time: 130.22 ms