

## Lightsource Test Report

### Product Infomation

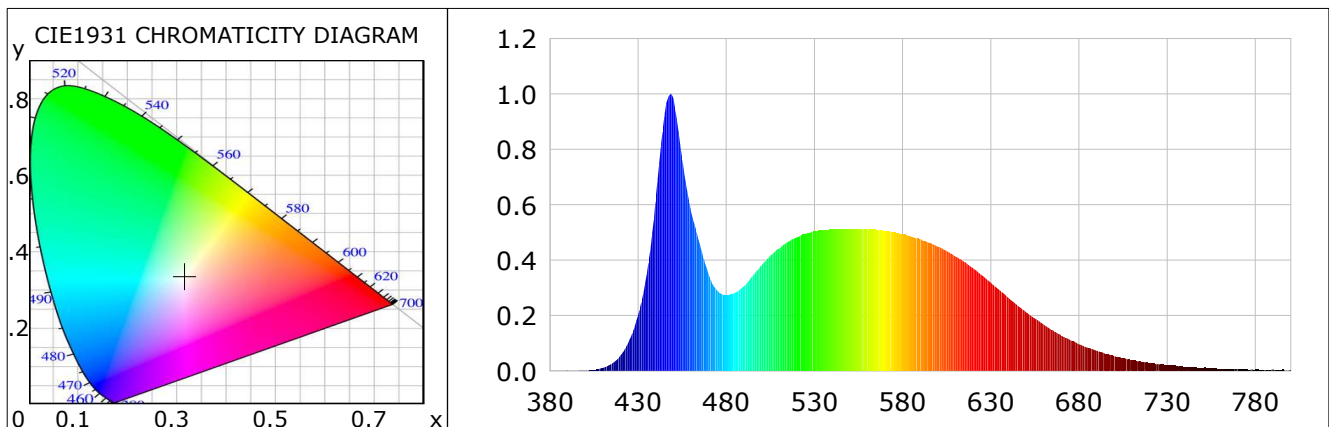
Product Category: LED Langfeldröhre  
 Product Spec: 333584+590

Product Type: 150cm / 22W  
 Product Number: 484

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3149$   $y=0.3342$   $u(u')=0.1974$   $v=0.3143$   $v'=0.4714$   
 CCT:  $T_c=6356K$  ( $duv=0.00475$ ) Color Ratio:  $R=0.136$   $G=0.809$   $B=0.055$   
 Peak Wavelength: 448.4nm Half Bandwidth: 25.1nm  
 Dominant Wavelength: 492.3nm Color Purity: 0.062  
 CRI:  $R_a=85.3$

R1 =85	R2 =85	R3 =83	R4 =92	R5 =86	R6 =79	R7 =92	R8 =82
R9 =29	R10=62	R11=91	R12=55	R13=84	R14=90	R15=83	
Color Quality Scale: $Q_a=83.7$ , $Q_f=83.6$ , $Q_p=84.1$ , $Q_g=92.7$							
Q1 =87	Q2 =98	Q3 =80	Q4 =74	Q5 =80	Q6 =84	Q7 =89	Q8 =93
Q9 =95	Q10=87	Q11=83	Q12=83	Q13=84	Q14=77	Q15=81	



### Photometric Parameters

Luminous Flux: 2439.51 lm Efficiency: 105.97 lm/W Radiant Power: 7.891 W

### Electric Parameters

Voltage: 229.50V Current: 0.1050A Power: 23.02W  
 Power Factor: 0.9550 Frequency: 49.99Hz

### Test Infomation

Scan Range: 380~800:1nm  
 Stabilization Time: 0 ms  
 Max of Signal: 51673 (2767)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 152.09 ms