

Lightsource Test Report

Product Information

Product Category: LED Langfeldröhre
 Product Spec: 333580+586

Product Type: 60cm / 9W
 Product Number: 487

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3135$ $y=0.3316$ $u(u')=0.1974$ $v=0.3132$ $v'=0.4698$

CCT: $T_c=6442K$ ($duv=0.00410$)

Color Ratio: $R=0.135$ $G=0.809$ $B=0.055$

Peak Wavelength: 448.4nm

Half Bandwidth: 25.7nm

Dominant Wavelength: 490.6nm

Color Purity: 0.068

CRI: $R_a=85.3$

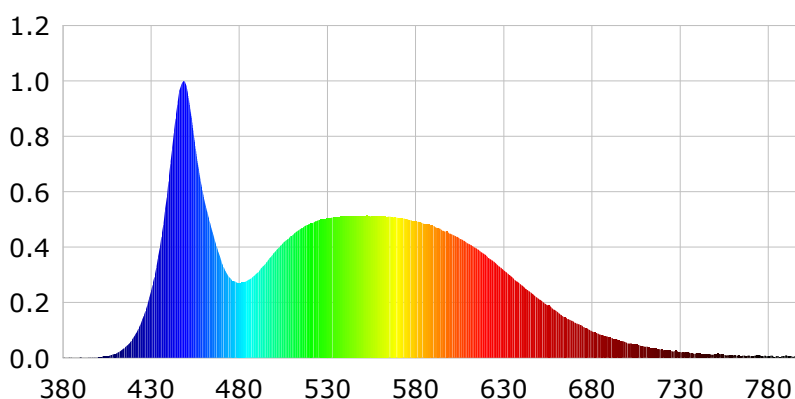
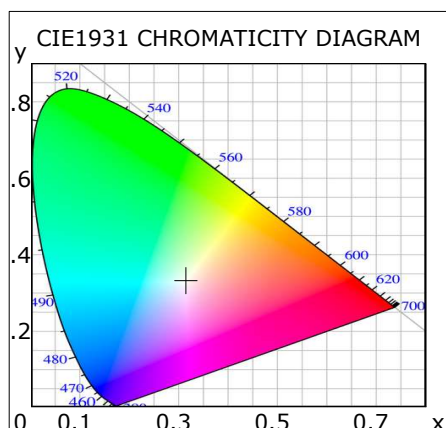
$R_1=85$ $R_2=85$ $R_3=82$ $R_4=92$ $R_5=86$ $R_6=79$ $R_7=91$ $R_8=82$

$R_9=30$ $R_{10}=62$ $R_{11}=92$ $R_{12}=56$ $R_{13}=84$ $R_{14}=90$ $R_{15}=83$

Color Quality Scale: $Q_a=83.7$, $Q_f=83.5$, $Q_p=84.3$, $Q_g=93.1$

$Q_1=88$ $Q_2=98$ $Q_3=80$ $Q_4=74$ $Q_5=81$ $Q_6=84$ $Q_7=89$ $Q_8=93$

$Q_9=95$ $Q_{10}=86$ $Q_{11}=82$ $Q_{12}=83$ $Q_{13}=84$ $Q_{14}=77$ $Q_{15}=81$



Photometric Parameters

Luminous Flux: 896.62 lm

Efficiency: 93.30 lm/W

Radiant Power: 2.925 W

Electric Parameters

Voltage: 229.50V

Current: 0.0440A

Power: 9.61W

Power Factor: 0.9470

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 43168 (2853)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 300.54 ms

Condition: $T_x=22.8^{\circ}C$, $T_i=20.0^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2016-10-22 16:34:21

Inspector: