

Lightsource Test Report

Product Information

Product Category: LED Reflektorlampe
 Product Spec: 333406

Product Type: MR16 (GU5,3) 7W
 Product Number: 402

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4447$ $y=0.4071$ $u(u')=0.2542$ $v=0.3492$ $v'=0.5237$

CCT: $T_c=2898K$ ($duv=0.00021$)

Color Ratio: $R=0.236$ $G=0.739$ $B=0.026$

Peak Wavelength: 607.1nm

Half Bandwidth: 119.2nm

Dominant Wavelength: 583.2nm

Color Purity: 0.557

CRI: R_a : $R_a=82.4$

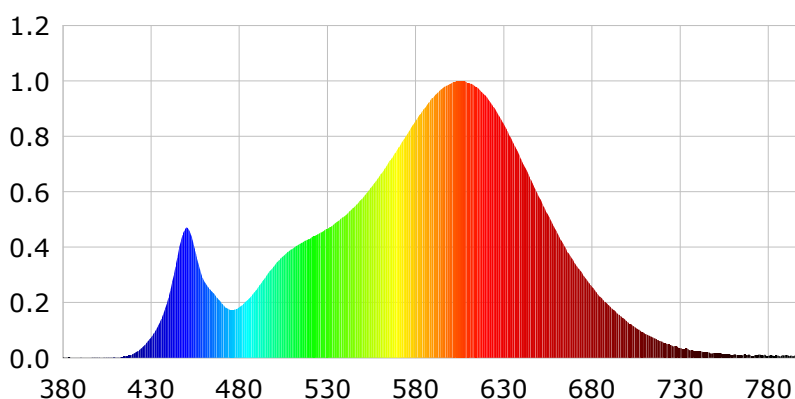
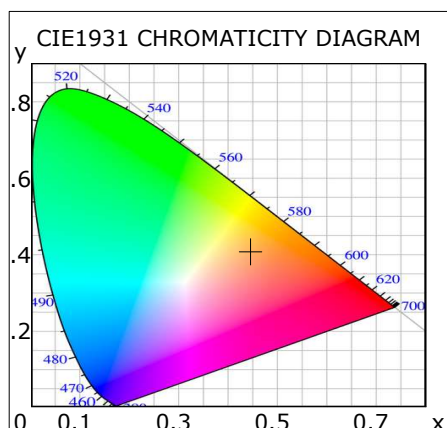
$R1=81$ $R2=91$ $R3=96$ $R4=81$ $R5=82$ $R6=91$ $R7=81$ $R8=57$

$R9=5$ $R10=81$ $R11=81$ $R12=76$ $R13=83$ $R14=98$ $R15=73$

Color Quality Scale: $Q_a=82.8$, $Q_f=84.8$, $Q_p=83.6$, $Q_g=90.5$

$Q1=77$ $Q2=94$ $Q3=85$ $Q4=82$ $Q5=84$ $Q6=84$ $Q7=84$ $Q8=87$

$Q9=95$ $Q10=91$ $Q11=87$ $Q12=84$ $Q13=83$ $Q14=71$ $Q15=73$



Photometric Parameters

Luminous Flux: 707.62 lm

Efficiency: 96.01 lm/W

Radiant Power: 2.122 W

Electric Parameters

Voltage: 12.50V

Current: 0.6320A

Power: 7.37W

Power Factor: 0.9270

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 45834 (3028)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4PI

CCD Integration Time: 793.83 ms

Condition: $T_x=22.8^{\circ}C$, $T_i=19.9^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2016-10-20 17:21:49

Inspector: