

Lightsource Test Report

Product Information

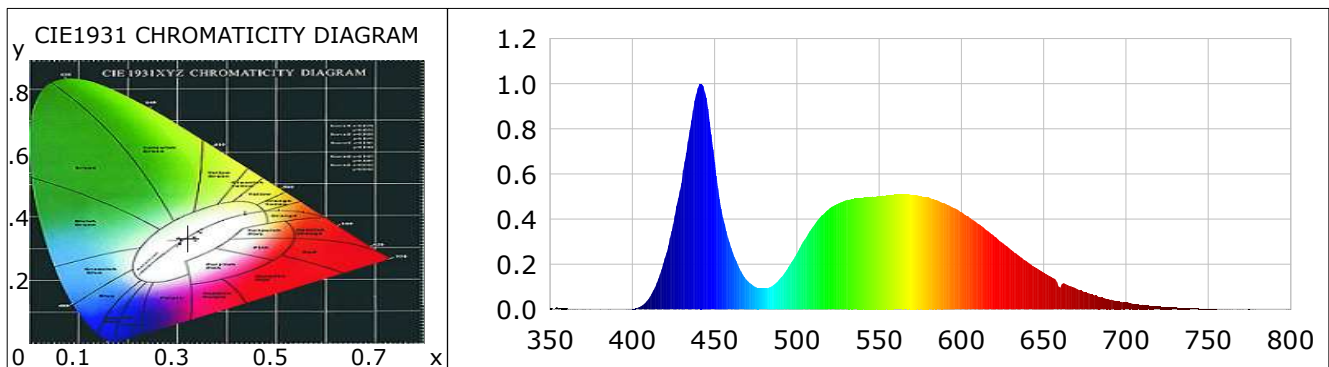
Product Category: MUTLUSAN
Product Number: 3

Product Type: 20W GLOB ARMATÜR 6500K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3209$ $y=0.3327$ $u(u')=0.2021$ $v=0.3143$ $v'=0.4715$
CCT: $T_c=6056K$ ($duv=0.00104$) Color Ratio: $R=0.129$ $G=0.837$ $B=0.034$
Peak Wavelength: 441.4nm Half Bandwidth: 24.6nm
Dominant Wavelength: 491.1nm Color Purity: 0.042
Central Wave: 440.5nm Gravity Wave: 440.7nm
CRI: $R_a=71.9$ TM30: $R_f=71$, $R_g=98$
GAI: $GAI_BB_8=92.6$, $GAI_BB_15=94.9$, $GAI_EES=88.3$

R1 =72	R2 =74	R3 =76	R4 =74	R5 =74	R6 =68	R7 =77	R8 =61
R9 =-25	R10=39	R11=77	R12=52	R13=71	R14=86	R15=65	
Color Quality Scale: $Q_a=72.6$, $Q_f=70.9$, $Q_p=77.6$, $Q_g=92.6$							
Q1 =79	Q2 =90	Q3 =66	Q4 =65	Q5 =74	Q6 =76	Q7 =78	Q8 =89
Q9 =88	Q10=71	Q11=67	Q12=69	Q13=72	Q14=60	Q15=68	



Photometric Parameters

Luminous Flux: 2020.0 lm Efficiency: 90.46 lm/W Radiant Power: 6.325 W
Total mains efficacy: 90.46 lm/W Energy Efficiency Class: F (EU 2019/2015)
Auxiliary lamp correction factor: 1.80

Electric Parameters

Voltage: 220.10V Current: 0.1800A Power: 22.33W
Power Factor: 0.5590 Frequency: 49.99Hz

Test Information

Scan Range: 350~800:1nm Photometric Method: sphere-photometer (spec_rev)
Stabilization Time: 0 Sec ALC.: 1.8000 Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 47188 (2391) CCD Integration Time: 197.40 ms

Condition: $T_x=22.8^\circ C$, $T_i=21.8^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: CMS-3500S
Test Time: 2022-10-11 12:53:12
Inspector: