

Lightsource Test Report

Product Infomation

Product Category: LED-Leuchte
 Product Spec: LED-GROW-SANLIGHT-Q3W-120W
 Manufacturer: METOLIGHT
 Buyer: 9623

Product Type: LED-Leuchte Growlight
 Product Number: 1
 Submitted Unit: 102376

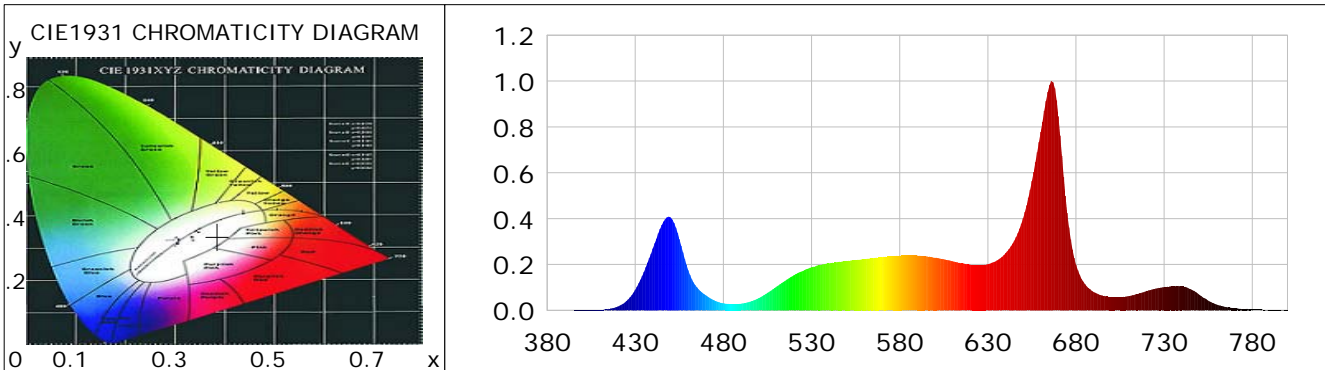
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3853$ $y=0.3366$ $u(u')=0.2459$ $v=0.3222$ $v'=0.4833$
 CCT: $T_c=3494K$ ($duv=-0.02126$) Color Ratio: $R=0.220$ $G=0.754$ $B=0.026$
 Peak Wavelength: 666.2nm Half Bandwidth: 20.8nm
 Dominant Wavelength: 604.6nm Color Purity: 0.166
 CRI: $R_a=86.5$ TM30: $R_f=75$, $R_g=113$
 GAI: $GAI_BB_8=149.4$, $GAI_BB_15=148.9$, $GAI_EES=103.7$

R1 =99	R2 =92	R3 =78	R4 =86	R5 =95	R6 =81	R7 =83	R8 =77
R9 =56	R10=78	R11=86	R12=69	R13=96	R14=87	R15=85	

Color Quality Scale: $Q_a=79.0$, $Q_f=70.9$, $Q_p=95.0$, $Q_g=117.8$

Q1 =99	Q2 =84	Q3 =60	Q4 =66	Q5 =81	Q6 =79	Q7 =76	Q8 =92
Q9 =84	Q10=76	Q11=74	Q12=79	Q13=88	Q14=98	Q15=94	



Photometric Parameters

Luminous Flux: 17078 lm Efficiency: 129.05 lm/W Radiant Power: 78.541 W
 Total mains efficacy: 151.76 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 231.00V Current: 0.5870A Power: 132.34W
 Power Factor: 0.9740 Frequency: 49.99Hz

Test Infomation

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: 43558 (2497) CCD Integration Time: 11.14 ms