

Lightsource Test Report

Product Information

Product Category: LED-DAL-UVL
 Product Number: 100261
 Buyer: 4493

Product Type: LED-DAL-UVL540-IP66-120-50W
 Manufacturer: METOLIGHT

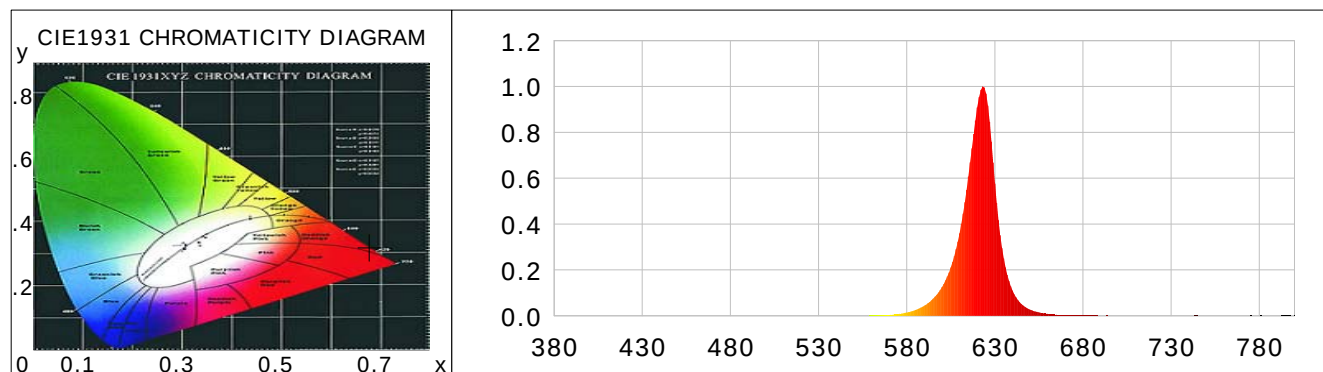
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.6788$ $y=0.3206$ $u(u')=0.4946$ $v=0.3504$ $v'=0.5256$
 CCT: $T_c=1000K$ ($duv=-0.04667$) Color Ratio: $R=0.903$ $G=0.096$ $B=0.000$
 Peak Wavelength: 623.3nm Half Bandwidth: 17.8nm
 Dominant Wavelength: 614.7nm Color Purity: 0.999
 CRI: $R_a=27.9$ TM30: $R_f=11$, $R_g=-1$
 GAI: $GAI_BB_8=4.6$, $GAI_BB_15=3.9$, $GAI_EES=0.0$

$R1=9$	$R2=76$	$R3=36$	$R4=-18$	$R5=8$	$R6=91$	$R7=4$	$R8=-67$
$R9=-208$	$R10=67$	$R11=-10$	$R12=78$	$R13=28$	$R14=64$	$R15=-28$	

Color Quality Scale: $Q_a=0.2$, $Q_f=1.7$, $Q_p=0.1$, $Q_g=1.2$

$Q1=4$	$Q2=14$	$Q3=3$	$Q4=0$	$Q5=0$	$Q6=0$	$Q7=1$	$Q8=11$
$Q9=9$	$Q10=1$	$Q11=0$	$Q12=0$	$Q13=0$	$Q14=0$	$Q15=0$	



Photometric Parameters

Luminous Flux: 1638.1 lm Efficiency: 33.29 lm/W Radiant Power: 6.320 W
 Total mains efficacy: 39.15 lm/W Energy Efficiency Class: G (EU 2019/2015)

Electric Parameters

Voltage: 230.70V Current: 0.2133A Power: 49.21W
 Power Factor: 0.9630 Frequency: 49.99Hz

Test Information

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: 46168 (2424) CCD Integration Time: 33.24 ms