

Lightsource Test Report

Product Infomation

Product Type: 12V 10mm 16703-60灯RGB-B

Product Number: 3

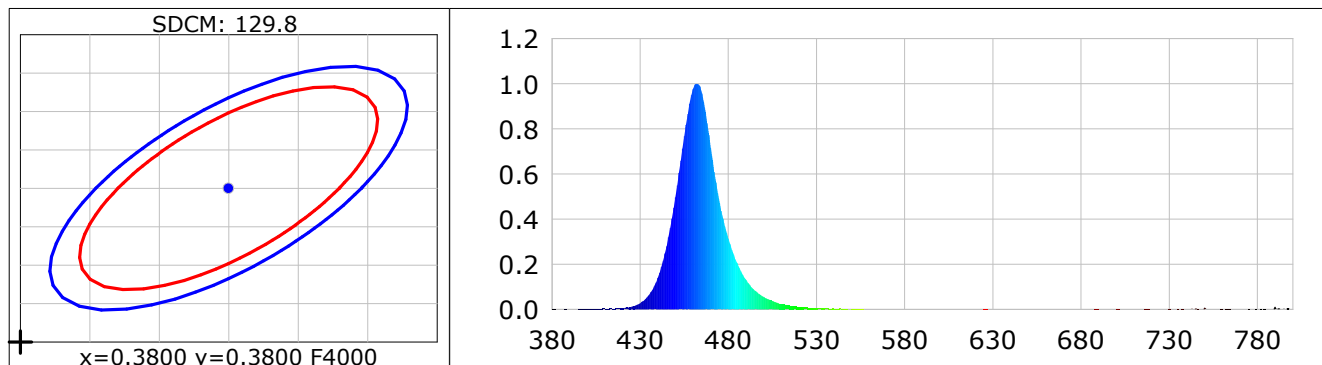
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.1384$ $y=0.0537$ $u(u')=0.1643$ $v=0.0957$ $v'=0.1435$
 CCT: $T_c=100000K$ ($duv=-0.17104$) Color Ratio: $R=0.007$ $G=0.159$ $B=0.834$
 Peak Wavelength: 462.0nm Half Bandwidth: 24.4nm
 Dominant Wavelength: 466.7nm Color Purity: 0.969
 Central Wave: 462.2nm Gravity Wave: 462.1nm
 CRI: $R_a=-48.9$, $avgR(1\sim14)=-81.7$, $avgR(1\sim15)=-75.8$ TM30: $R_f=1$, $R_g=37$
 GAI: $GAI_BB_8=3.0$, $GAI_BB_15=3.9$, $GAI_EES=3.3$

$R1=-11$	$R2=-39$	$R3=-132$	$R4=-82$	$R5=2$	$R6=-52$	$R7=-43$	$R8=-33$
$R9=-263$	$R10=-216$	$R11=-114$	$R12=-103$	$R13=-29$	$R14=-27$	$R15=6$	

 Color Quality Scale: $Q_a=7.0$, $Q_f=9.2$, $Q_p=2.7$, $Q_g=26.9$

$Q1=67$	$Q2=37$	$Q3=8$	$Q4=11$	$Q5=29$	$Q6=62$	$Q7=83$	$Q8=24$
$Q9=1$	$Q10=0$	$Q11=0$	$Q12=0$	$Q13=1$	$Q14=7$	$Q15=54$	



Photometric Parameters

Luminous Flux: 53.674 lm Efficiency: 10.38 lm/W Radiant Power: 0.856 W
 Total mains efficacy: 10.38 lm/W Energy Efficiency Class: G (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 11.999V Current: 0.4312A Power: 5.17W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 1 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 45938 (3161) CCD Integration Time: 235.81 ms

Condition: $T_x:28.6^{\circ}C$, $T_i:26.4^{\circ}C$, R.H.:60%
 Test Lab: Back Morning
 Operator: STY

Test Device: CMS-2S (Plus)
 Test Time: 2023-06-19 13:46:26
 Inspector: