

Lightsource Test Report

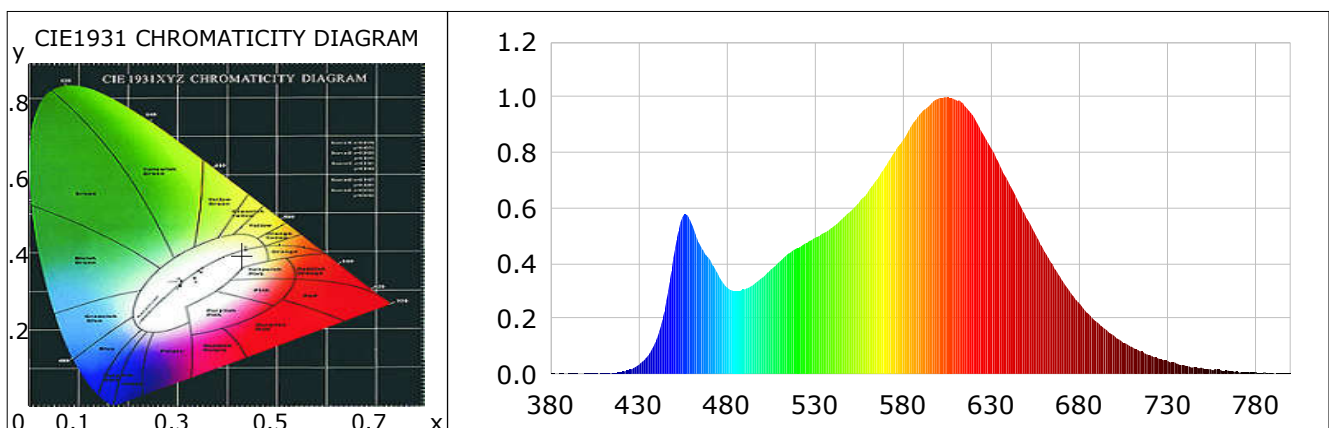
Product Infomation

Product Category: SPOT LIGHT
 Product Spec: 3000K
 Manufacturer: DREAMLUX

Product Type: DL-SPOT-A-30W
 Product Number: 03

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4295$ $y=0.3972$ $u(u')=0.2487$ $v=0.3450$ $v'=0.5175$
 CCT: $T_c=3073K$ ($duv=-0.00172$) Color Ratio: $R=0.230$ $G=0.735$ $B=0.034$
 Peak Wavelength: 604.1nm Half Bandwidth: 122.5nm
 Dominant Wavelength: 583.2nm Color Purity: 0.481
 CRI: $R_a=84.1$ TM30: $R_f=82$, $R_g=93$
 $R1=85$ $R2=96$ $R3=92$ $R4=81$ $R5=86$ $R6=95$ $R7=79$ $R8=60$
 $R9=14$ $R10=91$ $R11=81$ $R12=76$ $R13=88$ $R14=96$ $R15=77$
 Color Quality Scale: $Q_a=83.8$, $Q_f=85.4$, $Q_p=84.2$, $Q_g=90.1$
 $Q1=79$ $Q2=93$ $Q3=88$ $Q4=81$ $Q5=82$ $Q6=83$ $Q7=85$ $Q8=88$
 $Q9=94$ $Q10=94$ $Q11=89$ $Q12=85$ $Q13=84$ $Q14=74$ $Q15=76$



Photometric Parameters

Luminous Flux: 1709.51 lm
 EEI: 0.25
 PAR: 5.113 W

Efficiency: 54.48 lm/W
 Energy Efficiency Class: B (EU 874-2012)
 PPF: 24.568 umol/s

Radiant Power: 5.236 W

Electric Parameters

Voltage: 220.00V
 Power Factor: 0.5040

Current: 0.2820A
 Frequency: 49.99Hz

Power: 31.38W

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 0 Sec
 Max of Signal: 52144 (3263)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4T
 CCD Integration Time: 257.92 ms

Condition: $T_x=31.3^{\circ}C$, $T_i=31.4^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2018-09-19 14:35:19
 Inspector: