

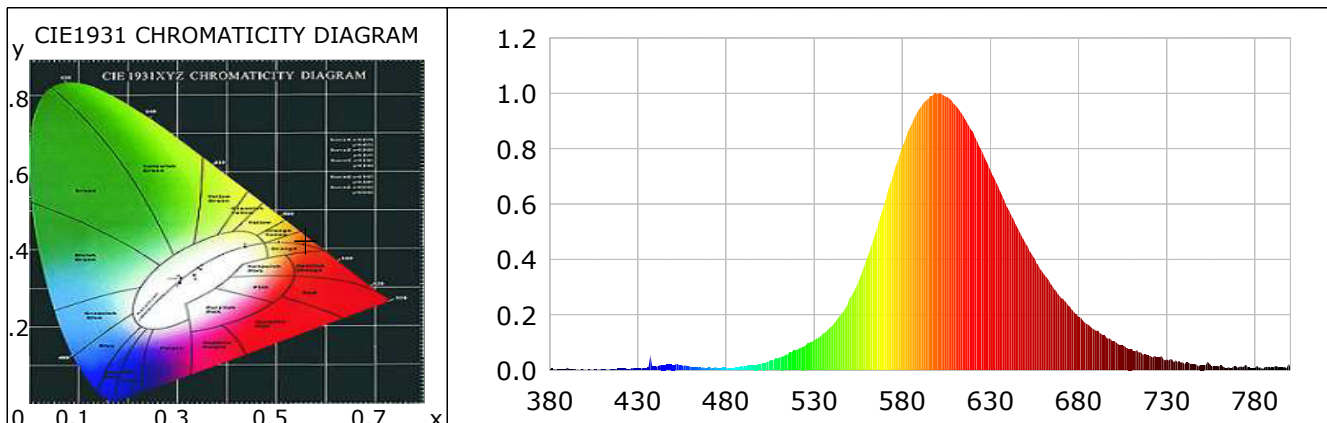
## Lightsource Test Report (1/2)

### Product Infomation

Product Type: 46款 10inch FOG+STROBE ambProduct Number: 57

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.5599$   $y=0.4254$   $u(u')=0.3206$   $v=0.3654$   $v'=0.5481$   
CCT:  $T_c=1823K$  ( $duv=0.00533$ ) Color Ratio:  $R=0.317$   $G=0.681$   $B=0.002$   
Peak Wavelength: 599.9nm Half Bandwidth: 81.4nm  
Dominant Wavelength: 589.1nm Color Purity: 0.958  
CRI:  $R_a=48.8$  TM30:  $R_f=56$ ,  $R_g=64$   
 $R1=41$   $R2=72$   $R3=86$   $R4=30$   $R5=37$   $R6=62$   $R7=58$   $R8=3$   
 $R9=-90$   $R10=46$   $R11=12$   $R12=24$   $R13=44$   $R14=92$   $R15=33$   
Color Quality Scale:  $Q_a=26.9$ ,  $Q_f=36.9$ ,  $Q_p=19.7$ ,  $Q_g=36.7$   
 $Q1=49$   $Q2=68$   $Q3=52$   $Q4=41$   $Q5=40$   $Q6=40$   $Q7=44$   $Q8=53$   
 $Q9=30$   $Q10=9$   $Q11=3$   $Q12=6$   $Q13=13$   $Q14=10$   $Q15=32$



### Photometric Parameters

Luminous Flux: 611.40 lm Efficiency: 38.26 lm/W Radiant Power: 1.754 W  
EEI: 0.31 Energy Efficiency Class: B (EU 874-2012)

### Electric Parameters

Voltage: 12.78V Current: 1.2500A Power: 15.98W  
Power Factor: 1.0000 Frequency: 0.00Hz

#### Test Infomation

Scan Range: 380~800:1nm  
Stabilization Time: 20 Sec  
Max of Signal: 43680 (4341)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 1.50m, 4π  
CCD Integration Time: 625.25 ms

## Lightsource Test Report (2/2)

| WL(nm) | PL     | PE(mW/nm) | WL(nm) | PL     | PE(mW/nm) | WL(nm) | PL     | PE(mW/nm) |
|--------|--------|-----------|--------|--------|-----------|--------|--------|-----------|
| 380    | 0.0036 | 0.0677    | 525    | 0.0901 | 1.6797    | 670    | 0.2606 | 4.8575    |
| 385    | 0.0037 | 0.0689    | 530    | 0.1098 | 2.0476    | 675    | 0.2293 | 4.2746    |
| 390    | 0.0104 | 0.1930    | 535    | 0.1320 | 2.4603    | 680    | 0.1901 | 3.5442    |
| 395    | 0.0033 | 0.0609    | 540    | 0.1584 | 2.9530    | 685    | 0.1659 | 3.0925    |
| 400    | 0.0008 | 0.0146    | 545    | 0.1993 | 3.7145    | 690    | 0.1419 | 2.6450    |
| 405    | 0.0027 | 0.0512    | 550    | 0.2611 | 4.8673    | 695    | 0.1251 | 2.3323    |
| 410    | 0.0027 | 0.0500    | 555    | 0.3196 | 5.9571    | 700    | 0.1056 | 1.9683    |
| 415    | 0.0039 | 0.0725    | 560    | 0.4043 | 7.5372    | 705    | 0.0898 | 1.6737    |
| 420    | 0.0058 | 0.1081    | 565    | 0.5009 | 9.3369    | 710    | 0.0777 | 1.4489    |
| 425    | 0.0029 | 0.0536    | 570    | 0.6059 | 11.2946   | 715    | 0.0670 | 1.2489    |
| 430    | 0.0075 | 0.1396    | 575    | 0.7114 | 13.2608   | 720    | 0.0526 | 0.9807    |
| 435    | 0.0086 | 0.1595    | 580    | 0.8065 | 15.0342   | 725    | 0.0463 | 0.8625    |
| 440    | 0.0124 | 0.2309    | 585    | 0.8852 | 16.5010   | 730    | 0.0402 | 0.7493    |
| 445    | 0.0194 | 0.3610    | 590    | 0.9474 | 17.6607   | 735    | 0.0360 | 0.6718    |
| 450    | 0.0192 | 0.3581    | 595    | 0.9845 | 18.3528   | 740    | 0.0219 | 0.4084    |
| 455    | 0.0184 | 0.3423    | 600    | 1.0000 | 18.6410   | 745    | 0.0217 | 0.4040    |
| 460    | 0.0123 | 0.2295    | 605    | 0.9883 | 18.4236   | 750    | 0.0188 | 0.3509    |
| 465    | 0.0083 | 0.1539    | 610    | 0.9585 | 17.8677   | 755    | 0.0172 | 0.3207    |
| 470    | 0.0116 | 0.2156    | 615    | 0.9132 | 17.0235   | 760    | 0.0166 | 0.3100    |
| 475    | 0.0078 | 0.1459    | 620    | 0.8607 | 16.0440   | 765    | 0.0106 | 0.1980    |
| 480    | 0.0081 | 0.1510    | 625    | 0.7925 | 14.7722   | 770    | 0.0086 | 0.1609    |
| 485    | 0.0095 | 0.1771    | 630    | 0.7220 | 13.4594   | 775    | 0.0198 | 0.3693    |
| 490    | 0.0142 | 0.2642    | 635    | 0.6540 | 12.1903   | 780    | 0.0070 | 0.1303    |
| 495    | 0.0184 | 0.3432    | 640    | 0.5827 | 10.8615   | 785    | 0.0074 | 0.1380    |
| 500    | 0.0233 | 0.4339    | 645    | 0.5177 | 9.6502    | 790    | 0.0102 | 0.1899    |
| 505    | 0.0343 | 0.6392    | 650    | 0.4565 | 8.5098    | 795    | 0.0094 | 0.1744    |
| 510    | 0.0455 | 0.8474    | 655    | 0.4032 | 7.5163    | 800    | 0.0120 | 0.2241    |
| 515    | 0.0588 | 1.0969    | 660    | 0.3492 | 6.5091    |        |        |           |
| 520    | 0.0731 | 1.3626    | 665    | 0.3058 | 5.6999    |        |        |           |

Condition: Tx:34.5'C, Ti:32.9'C, R.H.:60%  
Test Lab:  
Operator:

Test Device: Inventfine CMS-2S (Plus)  
Test Time: 2021-06-10 17:04:58  
Inspector: