

Lightsource Test Report (1/2)

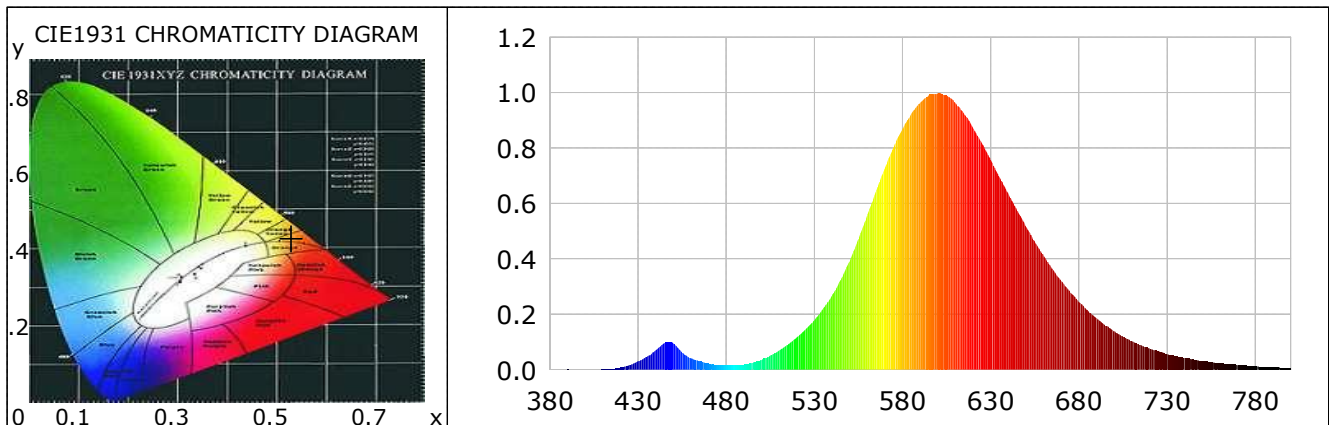
Product Infomation

Product Type: 54-30-D-WA-AMBER

Product Number: 54-30-D-WA-AMBER

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5307$ $y=0.4297$ $u(u')=0.2992$ $v=0.3634$ $v'=0.5451$
 CCT: $T_c=2068K$ ($duv=0.00486$) Color Ratio: $R=0.281$ $G=0.715$ $B=0.004$
 Peak Wavelength: 600.6nm Half Bandwidth: 94.9nm
 Dominant Wavelength: 586.9nm Color Purity: 0.883
 CRI: $R_a=56.1$ TM30: $R_f=60$, $R_g=83$
 $R1=49$ $R2=74$ $R3=95$ $R4=42$ $R5=44$ $R6=61$ $R7=66$ $R8=18$
 $R9=-68$ $R10=44$ $R11=24$ $R12=22$ $R13=51$ $R14=97$ $R15=43$
 Color Quality Scale: $Q_a=54.3$, $Q_f=63.0$, $Q_p=53.5$, $Q_g=62.7$
 $Q1=52$ $Q2=83$ $Q3=66$ $Q4=53$ $Q5=51$ $Q6=47$ $Q7=50$ $Q8=68$
 $Q9=82$ $Q10=67$ $Q11=50$ $Q12=51$ $Q13=52$ $Q14=36$ $Q15=44$



Photometric Parameters

Luminous Flux: 5875.22 lm
 EEI: 0.41

Efficiency: 33.60 lm/W
 Energy Efficiency Class: B (EU 874-2012)

Radiant Power: 16.898 W

Electric Parameters

Voltage: 12.82V
 Power Factor: 1.0000

Current: 13.6400A
 Frequency: 0.00Hz

Power: 174.87W

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 20 Sec
 Max of Signal: 54167 (3056)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4π
 CCD Integration Time: 90.44 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 | 0.0006 | 0.0912 | 525 | 0.1463 | 22.6772 | 670 | 0.3204 | 49.6512 |
| 385 | 0.0009 | 0.1446 | 530 | 0.1802 | 27.9298 | 675 | 0.2804 | 43.4525 |
| 390 | 0.0024 | 0.3711 | 535 | 0.2208 | 34.2191 | 680 | 0.2447 | 37.9233 |
| 395 | 0.0007 | 0.1120 | 540 | 0.2694 | 41.7555 | 685 | 0.2132 | 33.0409 |
| 400 | 0.0004 | 0.0548 | 545 | 0.3280 | 50.8233 | 690 | 0.1854 | 28.7283 |
| 405 | 0.0008 | 0.1251 | 550 | 0.3932 | 60.9347 | 695 | 0.1603 | 24.8340 |
| 410 | 0.0017 | 0.2660 | 555 | 0.4755 | 73.6804 | 700 | 0.1387 | 21.4875 |
| 415 | 0.0033 | 0.5120 | 560 | 0.5597 | 86.7381 | 705 | 0.1201 | 18.6106 |
| 420 | 0.0082 | 1.2674 | 565 | 0.6482 | 100.4467 | 710 | 0.1037 | 16.0642 |
| 425 | 0.0167 | 2.5852 | 570 | 0.7299 | 113.1165 | 715 | 0.0890 | 13.7910 |
| 430 | 0.0303 | 4.6983 | 575 | 0.8072 | 125.0841 | 720 | 0.0765 | 11.8601 |
| 435 | 0.0476 | 7.3825 | 580 | 0.8697 | 134.7826 | 725 | 0.0673 | 10.4321 |
| 440 | 0.0710 | 11.0049 | 585 | 0.9264 | 143.5660 | 730 | 0.0570 | 8.8276 |
| 445 | 0.0973 | 15.0805 | 590 | 0.9643 | 149.4337 | 735 | 0.0495 | 7.6670 |
| 450 | 0.0956 | 14.8127 | 595 | 0.9931 | 153.9045 | 740 | 0.0423 | 6.5561 |
| 455 | 0.0617 | 9.5690 | 600 | 0.9993 | 154.8608 | 745 | 0.0379 | 5.8771 |
| 460 | 0.0414 | 6.4223 | 605 | 0.9905 | 153.4890 | 750 | 0.0313 | 4.8542 |
| 465 | 0.0311 | 4.8240 | 610 | 0.9625 | 149.1536 | 755 | 0.0268 | 4.1473 |
| 470 | 0.0225 | 3.4934 | 615 | 0.9224 | 142.9415 | 760 | 0.0239 | 3.6991 |
| 475 | 0.0174 | 2.6943 | 620 | 0.8713 | 135.0207 | 765 | 0.0193 | 2.9876 |
| 480 | 0.0157 | 2.4326 | 625 | 0.8175 | 126.6862 | 770 | 0.0161 | 2.4958 |
| 485 | 0.0158 | 2.4448 | 630 | 0.7562 | 117.1799 | 775 | 0.0161 | 2.4877 |
| 490 | 0.0190 | 2.9521 | 635 | 0.6941 | 107.5635 | 780 | 0.0129 | 1.9965 |
| 495 | 0.0259 | 4.0158 | 640 | 0.6342 | 98.2736 | 785 | 0.0103 | 1.5930 |
| 500 | 0.0367 | 5.6808 | 645 | 0.5736 | 88.8894 | 790 | 0.0102 | 1.5863 |
| 505 | 0.0510 | 7.8993 | 650 | 0.5159 | 79.9554 | 795 | 0.0076 | 1.1760 |
| 510 | 0.0698 | 10.8212 | 655 | 0.4607 | 71.3884 | 800 | 0.0076 | 1.1724 |
| 515 | 0.0916 | 14.1915 | 660 | 0.4105 | 63.6220 | | | |
| 520 | 0.1172 | 18.1661 | 665 | 0.3629 | 56.2413 | | | |

Condition: Tx:28.7'C, Ti:27.6'C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2022-03-12 11:24:44
 Inspector: