



Inventfine CMS-2S (Plus) Test Report

**Lightsource Test Report**

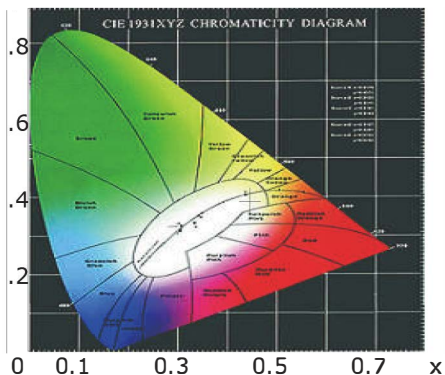
**Product Infomation**

Product Category: 5050

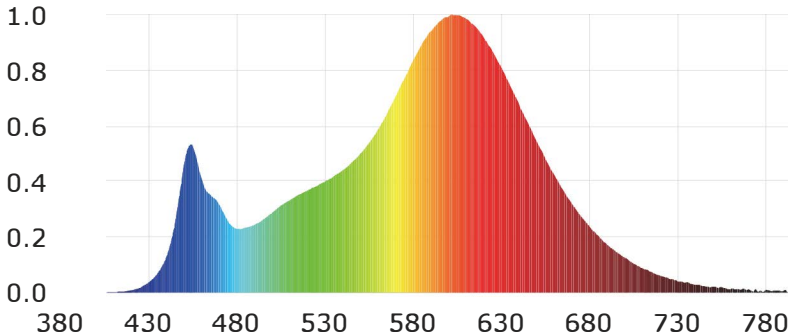
**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.4455$   $y=0.3935$   $u(u')=0.2609$   $v=0.3456$   $v'=0.5184$   
 CCT:  $T_c=2773K$  ( $duv=-0.00523$ ) Color Ratio:  $R=0.248$   $G=0.722$   $B=0.030$   
 Peak Wavelength: 602.0nm Half Bandwidth: 103.4nm  
 Dominant Wavelength: 585.8nm Color Purity: 0.518  
 CRI:  $R_a=80.5$  TM30:  $R_f=81$ ,  $R_g=94$   
 $R1=81$   $R2=95$   $R3=88$   $R4=77$   $R5=83$   $R6=94$   $R7=74$   $R8=51$   
 $R9=0$   $R10=91$   $R11=77$   $R12=80$   $R13=85$   $R14=94$   $R15=73$   
 Color Quality Scale:  $Q_a=80.5$ ,  $Q_f=81.6$ ,  $Q_p=84.6$ ,  $Q_g=91.5$   
 $Q1=76$   $Q2=93$   $Q3=85$   $Q4=79$   $Q5=81$   $Q6=83$   $Q7=82$   $Q8=82$   
 $Q9=92$   $Q10=91$   $Q11=84$   $Q12=79$   $Q13=78$   $Q14=70$   $Q15=72$

CIE1931 CHROMATICITY DIAGRAM



1.2



**Photometric Parameters**

Luminous Flux: 1555.69 lm Efficiency: 140.28 lm/W Radiant Power: 5.395 W  
 EEI: 0.10 Energy Efficiency Class: A++ (EU 874-2012)

**Electric Parameters**

Voltage: 12.000V Current: 1.0430A Power: 12.52W  
 Power Factor: 1.0000 Frequency: 0.00Hz

**Test Infomation**

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 0 Min Photometric Condition: Sphere diameter: 1.50m, 4π  
 Max of Signal: 45861 (2953) CCD Integration Time: 306.09 ms

Model: 50EB60WNAZxxx  
 Tester:  
 Temperature:  
 Manufactory:

Number:  
 Date:2021-10-16  
 Humidity:  
 Remarks: