

Lightsource Test Report

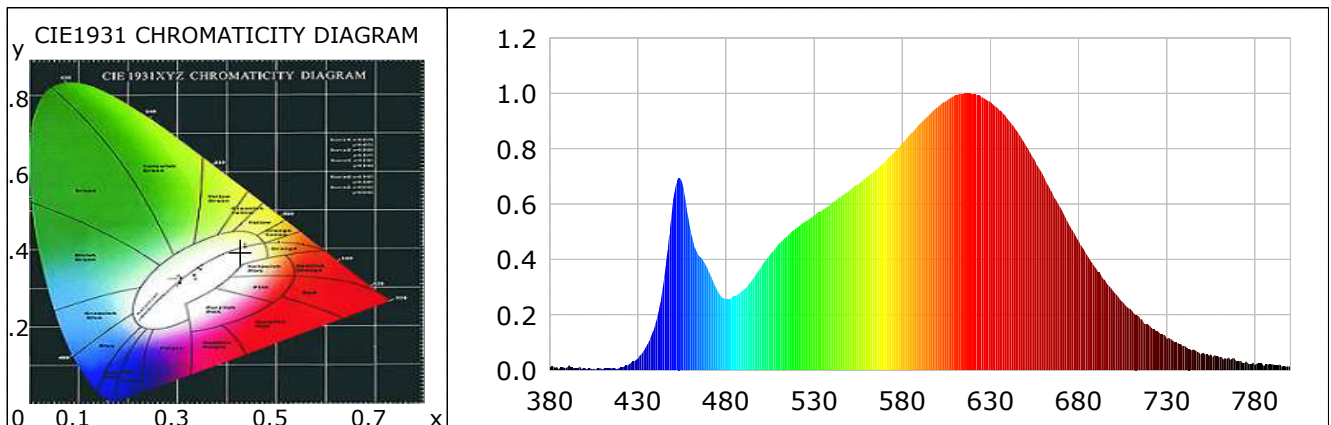
Product Infomation

Product Category: KL-CORN-15W-3000

Product Number: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4277$ $y=0.3944$ $u(u')=0.2487$ $v=0.3441$ $v'=0.5161$
CCT: $T_c=3068K$ ($duv=-0.00258$) Color Ratio: $R=0.238$ $G=0.730$ $B=0.031$
Peak Wavelength: 616.6nm Half Bandwidth: 159.9nm
Dominant Wavelength: 583.5nm Color Purity: 0.468
CRI: $R_a=92.0$ TM30: $R_f=89$, $R_g=99$
 $R1=93$ $R2=97$ $R3=98$ $R4=91$ $R5=93$ $R6=95$ $R7=89$ $R8=80$
 $R9=56$ $R10=92$ $R11=92$ $R12=79$ $R13=94$ $R14=99$ $R15=89$
Color Quality Scale: $Q_a=89.7$, $Q_f=90.5$, $Q_p=92.7$, $Q_g=97.0$
 $Q1=88$ $Q2=96$ $Q3=87$ $Q4=85$ $Q5=89$ $Q6=91$ $Q7=91$ $Q8=91$
 $Q9=97$ $Q10=93$ $Q11=92$ $Q12=90$ $Q13=90$ $Q14=86$ $Q15=87$



Photometric Parameters

Luminous Flux: 2127.11 lm
WEEI: 0.09

Efficiency: 136.88 lm/W

Radiant Power: 7.032

Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 24.00V
Power Factor: 0.0000

Current: 0.6475A
Frequency: 0.00Hz

Power: 15.54W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 46479 (5441)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 1635.62 ms

Condition: $T_x=0.0^{\circ}C$, $T_i=0.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2025-04-01 17:28:39
Inspector: