

Spectrum Test Report



Product :
Sample No. : 2835-CV24240-4000K-R90-IP20
Manufacturer : LEDHOME

Date : 2024-01-08
Instrument : HAAS-2000(EVERFINE)
Operator : DAMIN

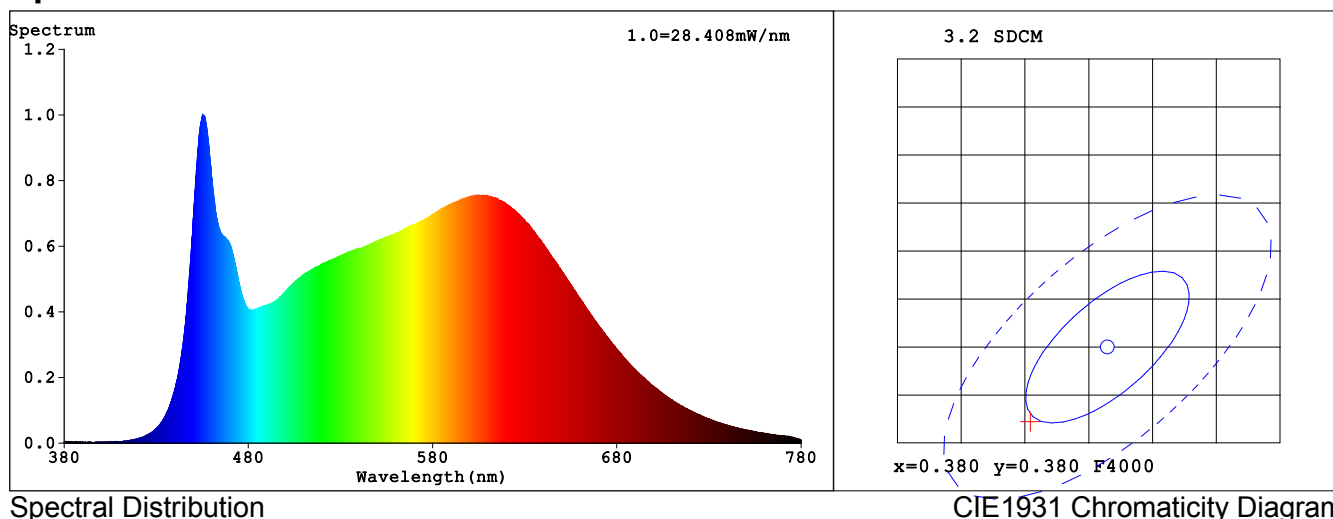
Test Condition

Temperature : 25.3Deg
Scan Range : 380nm-780nm

RH : 65.0%
IP : 49506 (76%)
T : 69 ms
Delicacy : High

Test Type : Fast Test

Spectroradiometric Parameters



Spectral Distribution

CIE1931 Chromaticity Diagram

CIE Color Parameters:

Chromaticity Coordinate: $x=0.3739$ $y=0.3722$ $u'=0.2226$ $v'=0.4986$ ($duv=-1.85e-04$)

CCT: $T_c=4149K$ Prcp Wavel: $\lambda_p=578.6nm$ Purity=23.9%

Peak Wavel: $\lambda_p=455nm$ Half Width: $\Delta\lambda_p=26.7nm$ Ratio: R=20.8% G=74.5% B=4.7%

Render Index: $R_a=91.5$

R1 =94 R2 =100 R3 =95 R4 =88 R5 =92 R6 =95 R7 =88
R8 =80 R9 =58 R10=98 R11=90 R12=70 R13=97 R14=98 R15=90

Photo Parameters:

Flux = 2594 lm Eff. : 174.65 lm/W Fe = 4.311 W

Fmol($\mu mol/s$): $2.046e+000$ Fluorescence and blue light ratio: 4.710 Fluorescent efficiency: 47.91

Electrical parameters:

V = 24.00 V I = 0.3094 A P = 14.8 W PF = 1.000

EVERFINE

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