

Spectrum Test Report

Sample :
Specification : S008528ZC1LZ 4000±300K
Sample No. : 10106-0908-00
Manufacturer : iPixel LED

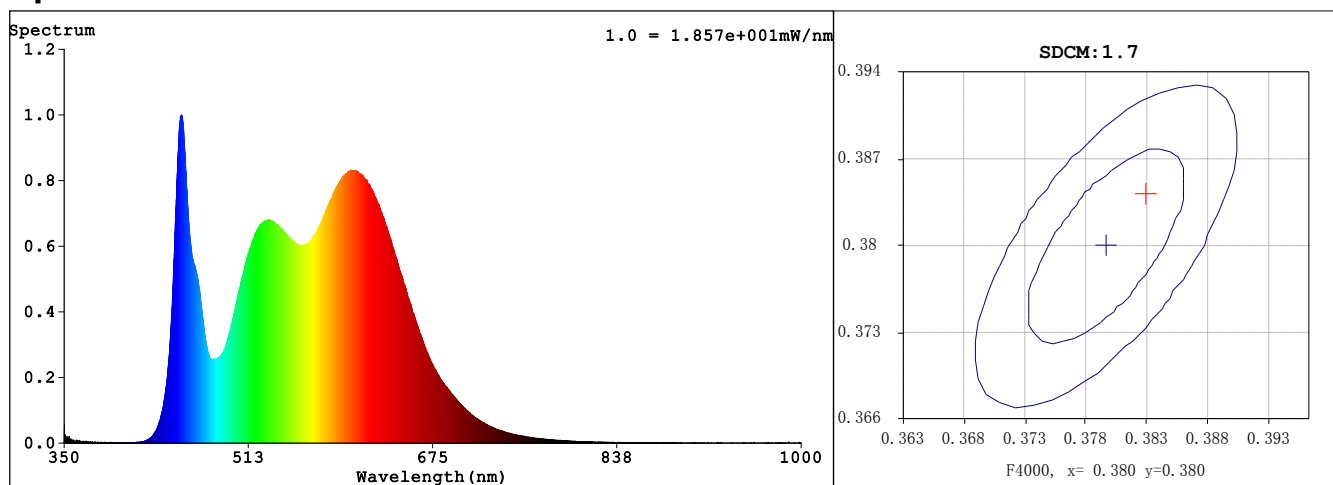
Date : 2025-10-14
Sam. Status : 1M
Instrument : HAAS-2000(EVERFINE)
Test by : WHL

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 52339 (80%)
T : 414 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3833$ $y = 0.3843$ / $u' = 0.2240$ $v' = 0.5053$ ($duv=2.67e-03$)

CCT= 3980K Prpc WL: $L_d=577.8nm$ Purity=30.3%

Peak WL: $L_p=453nm$ FWHM: $=21.6nm$ Ratio:R=19.8% G=76.4% B=3.8%

Render Index: $R_a = 91.6$ TM30:Rf=90 Rg=97

R1 =93 R2 =96 R3 =97 R4 =93 R5 =91 R6 =94 R7 =91

R8 =78 R9 =43 R10=88 R11=95 R12=65 R13=94 R14=98 R15=86

LEVEL:OUT

TLCI Parameters: TLCI = 82.8

Photometric & Radiometric Parameters

Flux = 876.19 lm Eff. : 85.77 lm/W $Fe = 2.7202 W$

EEI: 0.14810 A+

EEC: 85.8 F

Electrical parameters

V = 24.00 V I = 0.4257 A P = 10.22 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>