

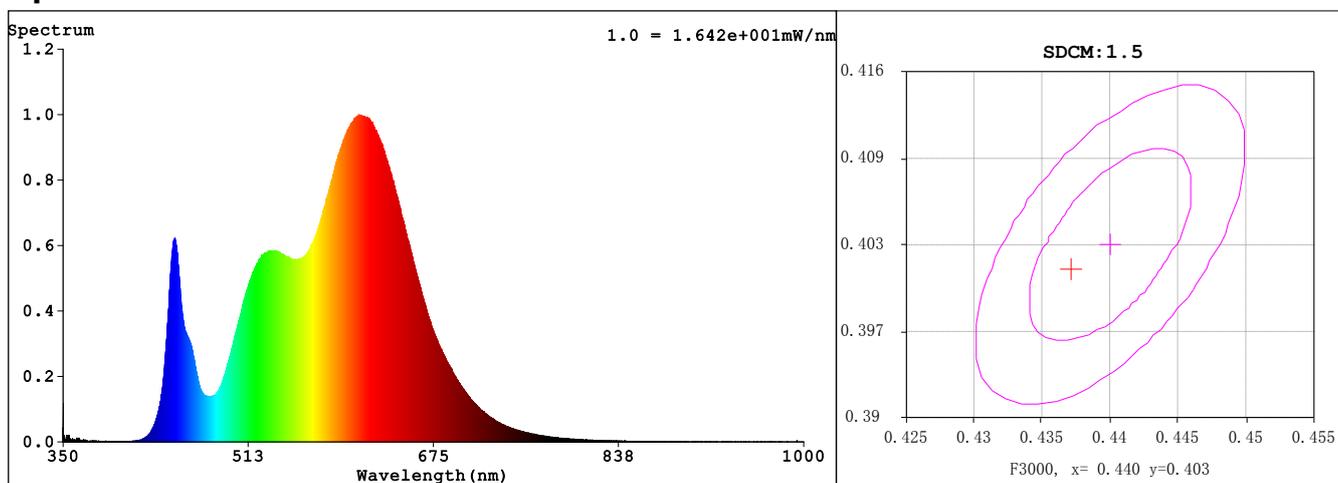
Spectrum Test Report

Sample	:		Date	:	2025-11-03
Specification	:	S008480ZC1LZ 3000±300K	Sam. Status	:	0.9M
Sample No.	:	10106-0348-00	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	iPixel LED	Test by	:	WHL

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	53805 (82%)
Test Mode	:	Fast Test	T	:	406 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4371$ $y = 0.4012$ / $u' = 0.2519$ $v' = 0.5203$ ($duv = -1.17e-03$)

CCT= 2974K Prcp WL: $L_d = 583.4nm$ Purity=51.6%

Peak WL: $L_p = 610nm$ FWHM: =146.5nm Ratio:R=24.9% G=72.8% B=2.3%

Render Index: $R_a = 92.0$ TM30:Rf=89 Rg=102

R1 =94 R2 =96 R3 =97 R4 =94 R5 =94 R6 =96 R7 =89

R8 =76 R9 =43 R10=89 R11=94 R12=82 R13=95 R14=97 R15=86

LEVEL:OUT

TLCI Parameters: TLCI = 77.6

Photometric & Radiometric Parameters

Flux = 765.70 lm Eff. : 91.87 lm/W $F_e = 2.4344 W$

EEL: 0.13471 A+

EEC: 91.9 F

Electrical parameters

V = 24.00 V I = 0.3473 A P = 8.335 W PF = 1.000

Freq=0.00 Hz

GBT5702