

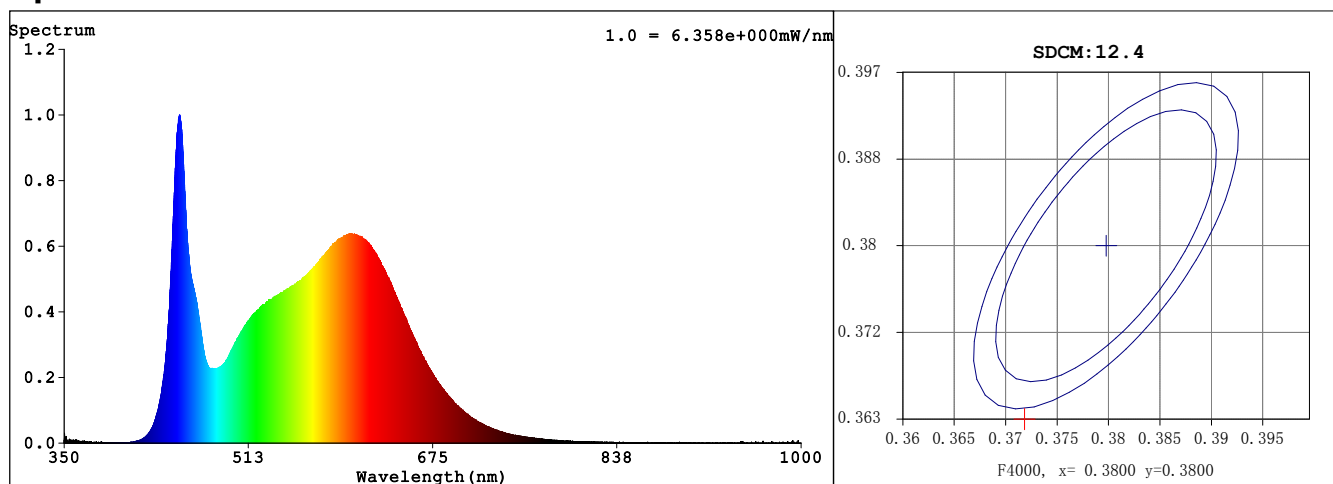
Spectrum Test Report

Sample	:		Date	:	2025-06-19 13:37:45
Specification	:	NFS0408-1000-24-TT-NDP-R90-40-2835N96	am. Status	:	4000K
Sample No.	:	Z11A01Y250527-A.57.154.0045	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:		Test by	:	ZDL
Instrument number2	:		Assessor	:	damin

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	51055 (78%)
Test Mode	:	Fast Test	T	:	620 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3721$ $y = 0.3503$ / $u' = 0.2304$ $v' = 0.4881$ ($duv = -1.04e-02$) $Dx, Dy: -0.0067, -0.0255$
CCT= 4038K Prpc WL: $L_d = 588.3nm$ Purity=16.7%
Peak WL: $L_p = 452nm$ FWHM: =18.4nm Ratio: R=20.2% G=75.4% B=4.4%
Render Index: $R_a = 90.6$ AvgR = 87.4 TM30: Rf=86 Rg=101
R1 =93 R2 =97 R3 =96 R4 =90 R5 =92 R6 =91 R7 =88
R8 =78 R9 =50 R10=91 R11=90 R12=71 R13=95 R14=98 R15=91
LEVEL:OUT WHITE:OUT
TLCI = 79.1

Photometric & Radiometric Parameters

Flux = 227.89 lm Eff. : 23.55 lm/W $F_e = 756.10$ mW
(EQE):85.176%
Flux of emitted photons($\mu mol/s$):3.544 Fluo. and blue light ratio:3.881 Fluorescent eff.:62.13
Kred: 0.13030

Electrical parameters

V = 24.00 V I = 0.4033 A P = 9.678 W PF = 1.000
Freq=0.00 Hz