

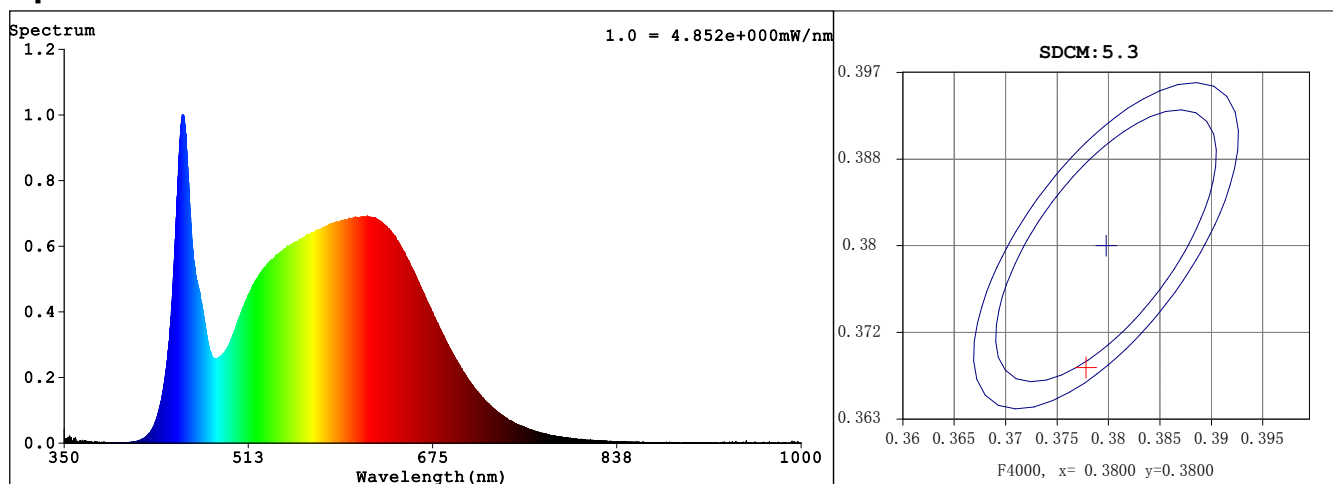
Spectrum Test Report

Sample	:		Date	:	2025-06-02 13:55:59
Specification	:	NFS0408-1M-12-TT-NDP-R90-40-2835N90	Sam. Status	:	4000K
Sample No.	:	Z11A01Y250515-A.57.155.0010	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:		Test by	:	ZDL
Instrument number4	:		Assessor	:	damin

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	53584 (82%)
Test Mode	:	Fast Test	T	:	838 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3780$ $y = 0.3682$ / $u' = 0.2270$ $v' = 0.4974$ ($duv = -3.38e-03$) $Dx, Dy: -0.0023, -0.0085$
CCT= 4002K Prpc WL: $L_d = 581.2nm$ Purity=23.9%
Peak WL: $L_p = 455nm$ FWHM: =20.4nm Ratio:R=19.8% G=76.1% B=4.1%
Render Index: $R_a = 92.2$ AvgR = 88.8 TM30:Rf=89 Rg=100
R1 =93 R2 =96 R3 =95 R4 =91 R5 =91 R6 =91 R7 =94
R8 =87 R9 =69 R10=88 R11=89 R12=65 R13=94 R14=97 R15=92
LEVEL:OUT WHITE:ANSI_4000K
TLCI = 89.8

Photometric & Radiometric Parameters

Flux = 207.94 lm Eff. : 20.19 lm/W $F_e = 723.77 mW$
(EQE):39.147%
Flux of emitted photons($\mu mol/s$):3.4562 Fluo. and blue light ratio:4.794 Fluorescent eff.:58.15
Kred: 0.13341

Electrical parameters

V = 12.00 V I = 0.8585 A P = 10.30 W PF = 1.000
Freq=0.00 Hz