

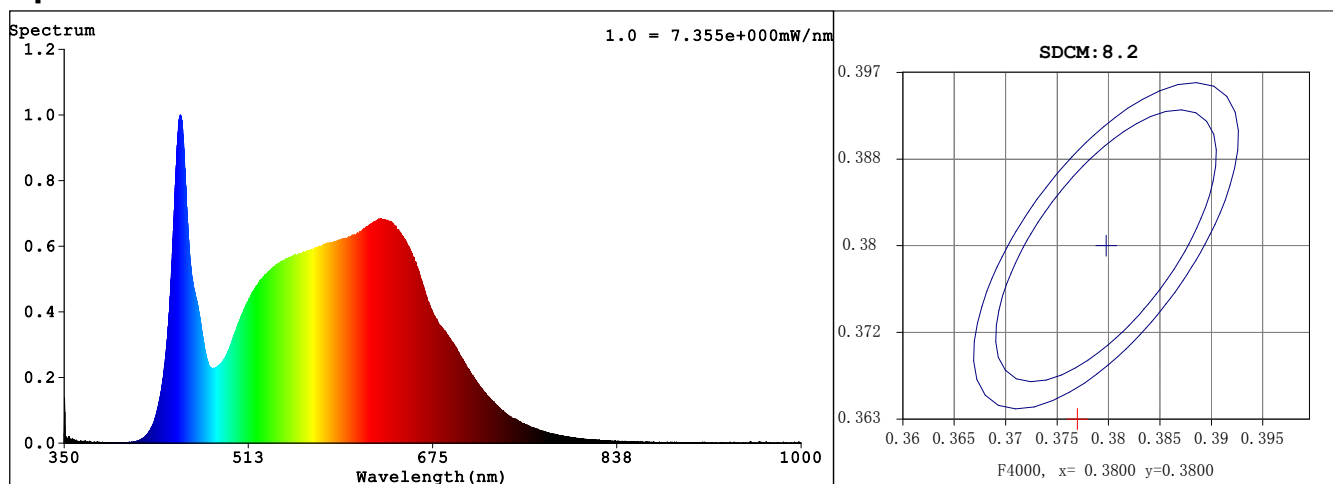
Spectrum Test Report

Sample	:		Date	:	2025-04-08 17:24:11
Specification	:	NFS0612-1000-24-TT-EP-R90-40-2835N70	Sam. Status	:	4000K
Sample No.	:	Z11A01Y250307-A.57.139.50068	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:		Test by	:	ZDL
Instrument number	:	11	Assessor	:	damin

Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	53819 (82%)
Test Mode	:	Fast Test	T	:	540 ms
			Sensitivity	:	High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3772$ $y = 0.3619$ / $u' = 0.2290$ $v' = 0.4944$ ($duv = -6.19e-03$) $Dx, Dy: -0.0043, -0.0156$
CCT= 3976K Prcp WL: $L_d = 583.4nm$ Purity=21.8%
Peak WL: $L_p = 453nm$ FWHM: =18.6nm Ratio: R=20.5% G=75.5% B=4.0%
Render Index: $R_a = 95.0$ AvgR = 92.8 TM30: Rf=91 Rg=103
R1 =97 R2 =97 R3 =93 R4 =95 R5 =95 R6 =92 R7 =96
R8 =95 R9 =88 R10=90 R11=93 R12=70 R13=97 R14=95 R15=98
LEVEL:OUT WHITE:OUT
TLCI = 92.4

Photometric & Radiometric Parameters

Flux = 296.69 lm Eff. : 29.96 lm/W $F_e = 1.0804 W$
(EQE):122.27%
Flux of emitted photons($\mu mol/s$):5.1783 Fluo. and blue light ratio:5.025 Fluorescent eff.:91.02
Kred: 0.14112

Electrical parameters

V = 24.00 V I = 0.4126 A P = 9.902 W PF = 1.000
Freq=0.00 Hz