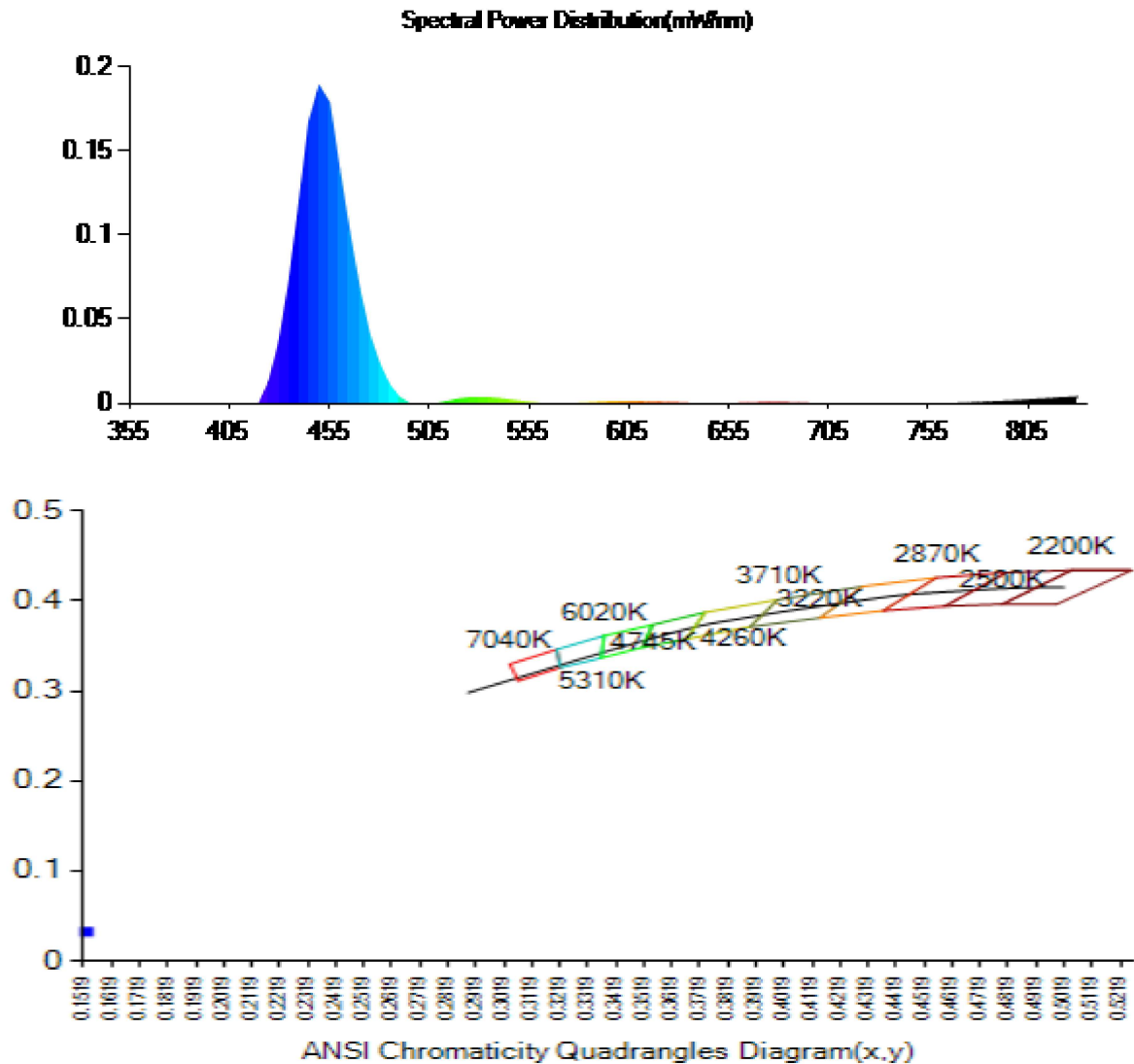


INTEGRATING SPHERE PHOTOMETRY LM-79 TEST REPORT

Name :	Category:	Weight:
Dimen :	Spec :	Ser.No:
Manuf. :	Remarks :	Date :5/21/2025 4:29:53 PM



Color Parameters:

CIE x: 0.1529, y: 0.0322, u: 0.1985, v: 0.0940, Duv: 0.0849

CCT: 1720K, λ_d (Dom.W): 456.6, λ_p (Peak.W): 450, P_e (Purity): 143%

Tristimulus Values(Relative) TRI-X: 474 TRI-Y: 100 TRI-Z: 253

Luminous Flux (lm): 205, Visible Radiant Energy(mw): 5908. SDCM: 338.

Color Rendering Index CRI (Avg) Ra: -84

R1= -54 R2= 26 R3= -140 R4= -163 R5= -64 R6= 14 R7= -88

R8= -203 R9= -454 R10= -96 R11= -190 R12= -64 R13= -14 R14= -33

AC Electrical Parameters:

Vrms: 23.88, Iac: 0.00, Watt: 0, Freq(Hz): 50.02

Power Factor: 0.0000, VTHD(%): 1.64, ITHD(%):0.00, Efficacy(Lm/w):150

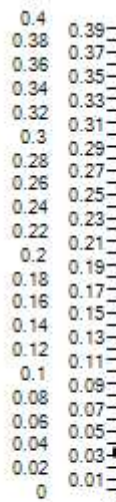
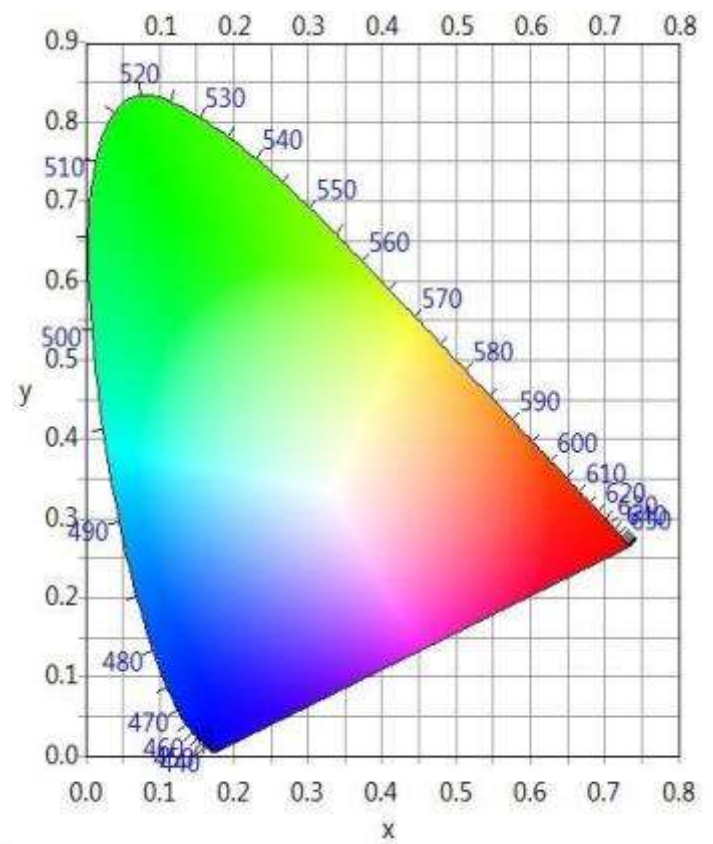
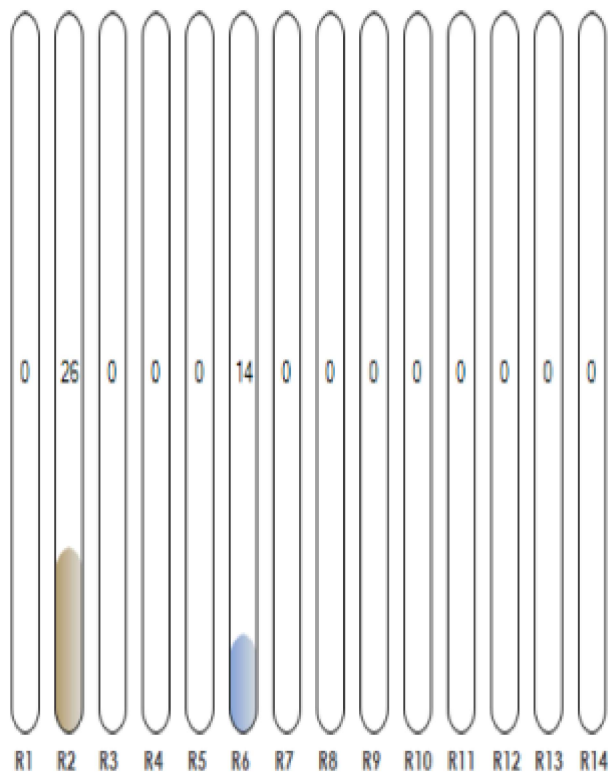
Test.Temp: 33°C

Stabilization Time: 1 Mins

SPECTRAL POWER DISTRIBUTION VALUES

360: 0	500: -0.0018041857230434	640: -0.000138124662111175
365: 0	505: -0.00157464244367047	645: -0.000203204624676228
370: 0	510: -0.000404765393598175	650: -0.00019617213287427
375: 0	515: 0.00107715710785446	655: -0.000130717527856682
380: 0	520: 0.00235224655643583	660: -3.30079454298166E-05
385: -0.00623296434356233	525: 0.00313290721668983	665: 6.82249563209318E-05
390: -0.00661300159127929	530: 0.00332481909764996	670: 0.000142570854348141
395: -0.0074508717676305	535: 0.00314839381282362	675: 0.000168589128476922
400: -0.00755173865815112	540: 0.00257681327674959	680: 0.000155292497884064
405: -0.00869051315763344	545: 0.00185854053312997	685: 0.000113317723869188
410: -0.00943853350145512	550: 0.00111473671643775	690: 5.93478880055989E-05
415: -0.00663241403023293	555: 0.00042230254583286	695: -2.91627595460937E-06
420: -0.000313296810486843	560: -0.000118051433065886	700: -9.15881438883432E-05
425: 0.0130733958408325	565: -0.000462398744388631	705: -0.000225675419506999
430: 0.0364064956723355	570: -0.0005796997855786	710: -0.000423658301487164
435: 0.0721865599453983	575: -0.000490725091726681	715: -0.000652865666926876
440: 0.118330434735499	580: -0.000231444793950279	720: -0.000898914055624315
445: 0.167255473481498	585: 0.000130055690625193	725: -0.00113360195182432
450: 0.188247345400186	590: 0.000504013694586835	730: -0.00129437592995601
455: 0.178374369008319	595: 0.000792200919609254	735: -0.00140533351165358
460: 0.138387921453504	600: 0.000938830238470419	740: -0.00137688296395236
465: 0.101639824902538	605: 0.000921748766205836	745: -0.00127558892711843
470: 0.0680375226488508	610: 0.000806101504418454	750: -0.00109411451639842
475: 0.0413392045669079	615: 0.00063646732488581	755: -0.000898030084906133
480: 0.0236442021138648	620: 0.000461898353698266	760: -0.000664961051004078
485: 0.0112124897829366	625: 0.000294034087407795	765: -0.000426388686037227
490: 0.00361089901197854	630: 0.000135285802423923	770: -0.000193380826325619
495: -0.0003416077540393	635: -1.53788335825842E-05	775: 4.54644638808851E-05

CRI Values



Outer tolerance 7-step



Adam Ellipse(x,y)