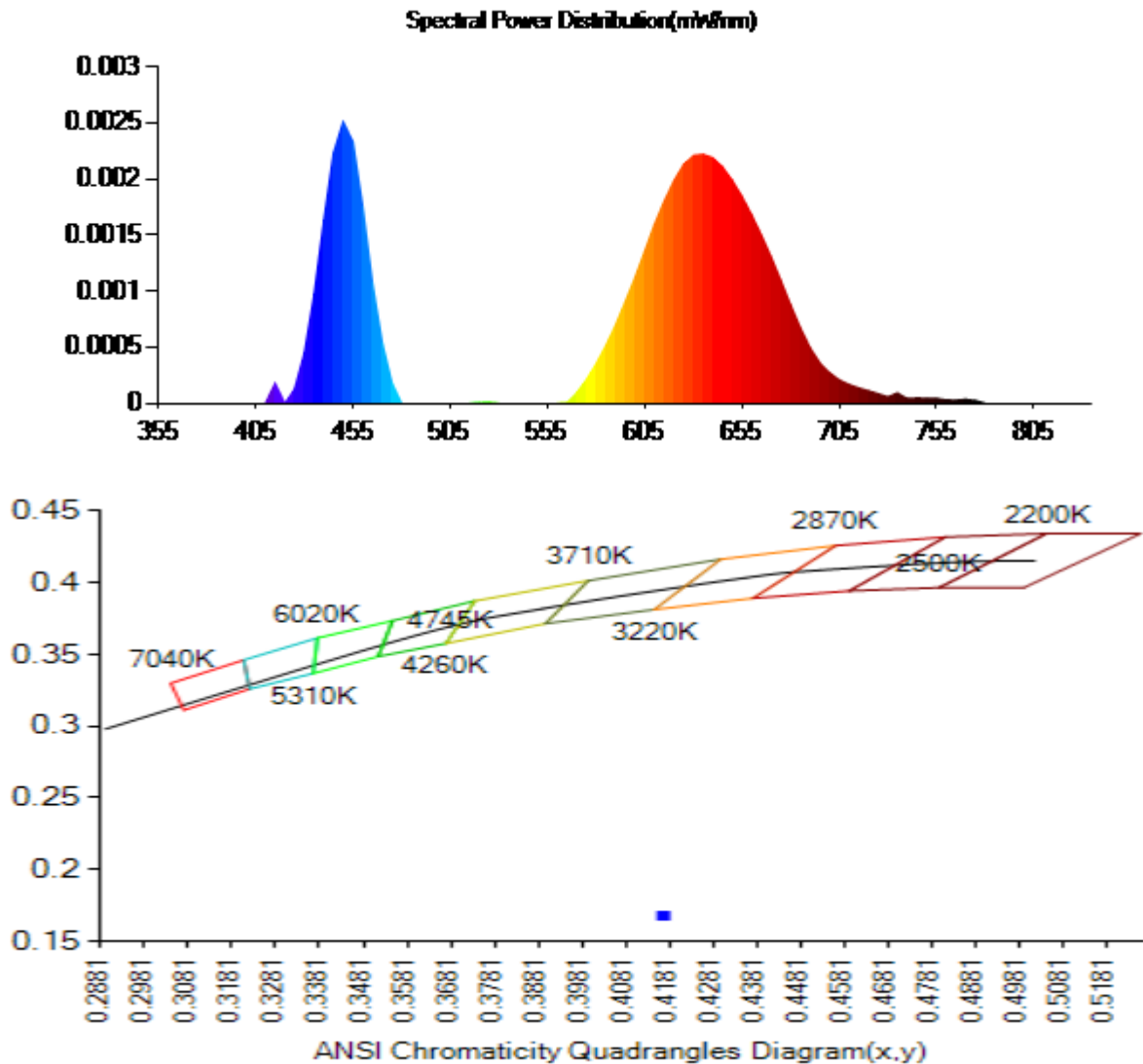


INTEGRATING SPHERE PHOTOMETRY LM-79 TEST REPORT

Name :	Category:	Weight:
Dimen :	Spec :	Ser.No:
Manuf. :	Remarks :	Date :5/12/2025 7:19:19 AM



Color Parameters:

CIE x: 0.4168, y: 0.1679, u: 0.3987, v: 0.3614, Duv: 0.5611

CCT: 119112K, $\lambda_d(\text{Dom.W})$: -520., $\lambda_p(\text{Peak.W})$: 450, $P_e(\text{Purity})$: 45.%

Tristimulus Values(Relative) TRI-X: 248 TRI-Y: 100 TRI-Z: 254

Luminous Flux (lm): 25, Visible Radiant Energy(mw): 244.0 SDCM: 205.

Color Rendering Index CRI (Avg) Ra: -38

R1= -48 R2= 28 R3= -57 R4= -171 R5= -45 R6= 8 R7= 36

R8= -58 R9= -284 R10= -28 R11= -282 R12= -45 R13= -31 R14= 15

AC Electrical Parameters:

Vrms: 23.93, Iac: 0.00, Watt: 0, Freq(Hz): 50.02

Power Factor: 0.0000, VTHD(%): 1.87, ITHD(%):0.00, Efficacy(Lm/w):150

Test.Temp: 34°C

Stabilization Time: 1 Mins

SPECTRAL POWER DISTRIBUTION VALUES

360: 0	500: -0.000216252672111769	640: 0.00218765630667642
365: 0	505: -0.000140844556498384	645: 0.00210831569186538
370: 0	510: -7.10297172953191E-05	650: 0.00198830407518416
375: 0	515: -2.03576487529408E-05	655: 0.00184474578234662
380: 0	520: 5.54232727496878E-06	660: 0.00167862015769837
385: 0	525: 7.94216371319297E-06	665: 0.00149777031185113
390: 0	530: -7.91764065894371E-06	670: 0.00130560209289684
395: 0	535: -3.47817243350919E-05	675: 0.00109568687989743
400: 0	540: -6.41946380766846E-05	680: 0.000878535672782697
405: 0	545: -8.69610733878477E-05	685: 0.000674713867076222
410: 0	550: -9.62795358225223E-05	690: 0.000496233834829657
415: 0.000180227480011759	555: -8.57698472702338E-05	695: 0.000362362812754439
420: -0.00010329259862295	560: -5.27266703432235E-05	700: 0.00027438882732294
425: 0.000127946299077206	565: 6.98662244121038E-06	705: 0.000209892775640876
430: 0.000448800184960323	570: 9.43452666730945E-05	710: 0.000166543990039297
435: 0.000967835112346881	575: 0.000210256803454259	715: 0.000136193708485044
440: 0.00162806676569872	580: 0.000351697669150114	720: 0.000110115994964803
445: 0.00222886739644672	585: 0.000514477562442248	725: 8.42068789884242E-05
450: 0.00251119966233705	590: 0.000697830025043497	730: 5.67759493551827E-05
455: 0.00233004867947301	595: 0.000905394095722492	735: 9.10371193831085E-05
460: 0.00175260354069896	600: 0.00112201276547621	740: 4.13159150368241E-05
465: 0.00107064718766893	605: 0.00135310300163058	745: 4.63347166334602E-05
470: 0.000541566411927515	610: 0.0015922823304636	750: 4.3392841757621E-05
475: 0.000186328466960422	615: 0.00180029635986808	755: 4.20337259821022E-05
480: -5.13429523247623E-05	620: 0.00198393772435542	760: 2.87989786595555E-05
485: -0.000199087198483237	625: 0.00212947844454657	765: 2.68669629867955E-05
490: -0.000269806499749056	630: 0.00220809543831583	770: 3.45689510245743E-05
495: -0.000269080854108663	635: 0.00221798122169461	775: 2.33610154798115E-05

CRI Values

