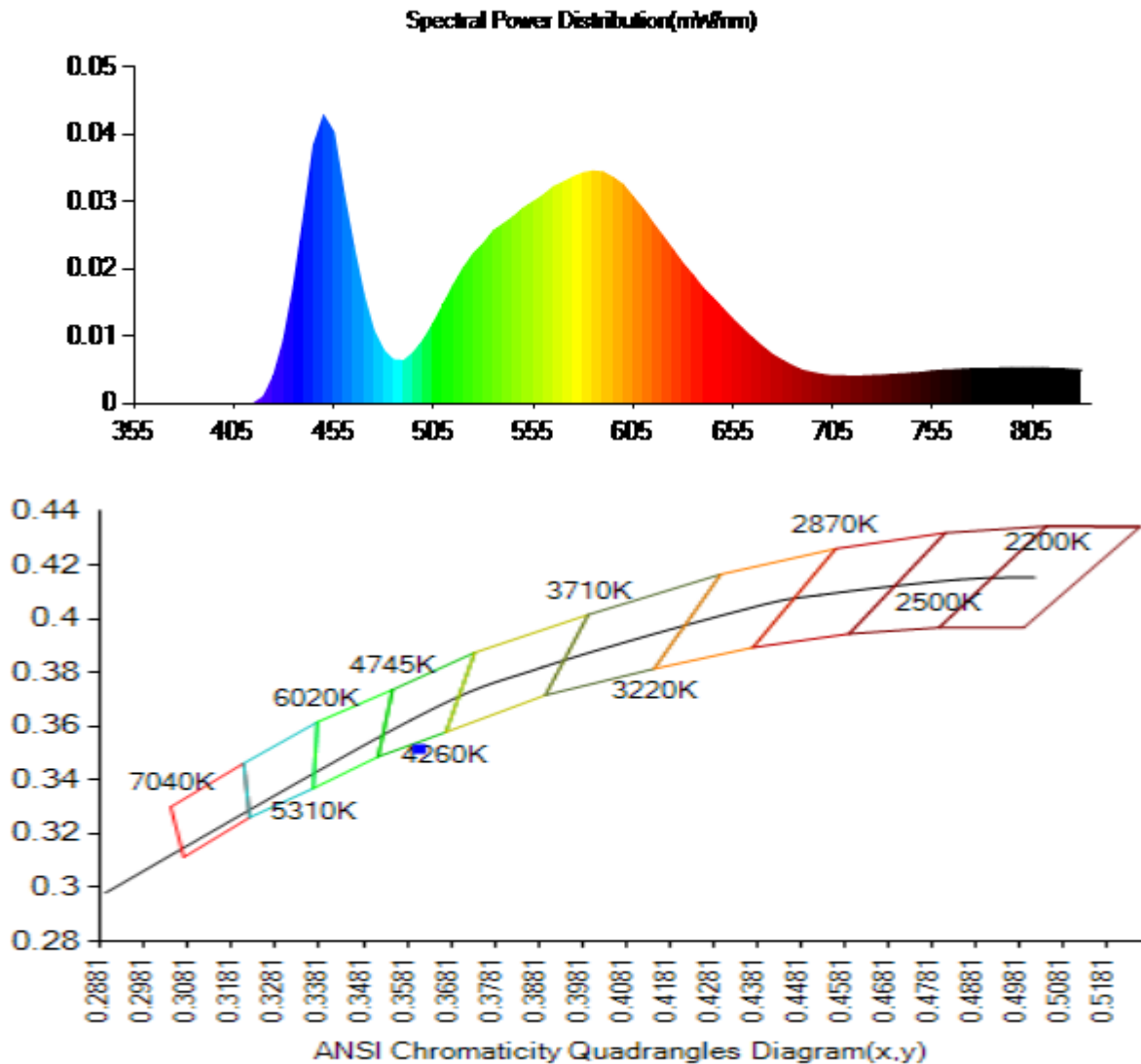


INTEGRATING SPHERE PHOTOMETRY LM-79 TEST REPORT

Name :	Category:	Weight:
Dimen :	Spec :	Ser.No:
Manuf. :	Remarks :	Date :5/12/2025 4:15:00 AM



Color Parameters:

CIE x: 0.3609, y: 0.3515, u: 0.2222, v: 0.4869, Duv: -0.006

CCT: 4428K, λ_d (Dom.W): 583.2, λ_p (Peak.W): 450, P_e (Purity): 14.%

Tristimulus Values(Relative) TRI-X: 102 TRI-Y: 100 TRI-Z: 81

Luminous Flux (lm): 1574, Visible Radiant Energy(mw): 6548. SDCM: 26.5

Color Rendering Index CRI (Avg) Ra: 75

R1= 73 R2= 83 R3= 87 R4= 73 R5= 73 R6= 73 R7= 82

R8= 57 R9= -16 R10= 56 R11= 67 R12= 73 R13= 75 R14= 92

AC Electrical Parameters:

Vrms: 240.90, Iac: 0.0000, Watt: 0.00, Freq(Hz): 50.02

Power Factor: 0.0000, VTHD(%): 2.15, ITHD(%):0.00, Efficacy(Lm/w):150

Test.Temp: 33°C

Stabilization Time: 1 Mins

SPECTRAL POWER DISTRIBUTION VALUES

360: 0	500: 0.00941673630181023	640: 0.0171497663848719
365: 0	505: 0.0118774646120896	645: 0.0156824641605866
370: 0	510: 0.0147002198358077	650: 0.014094591834263
375: 0	515: 0.0175684400258855	655: 0.0125106901461772
380: 0	520: 0.0200904235630833	660: 0.0110787086457559
385: -0.000828276749712661	525: 0.022239478527864	665: 0.00968221105585327
390: -0.000878689164510077	530: 0.0237403047606932	670: 0.00840557557413211
395: -0.000990038266238242	535: 0.025606085804871	675: 0.00719790976734205
400: -0.00100300728976941	540: 0.0266303399086074	680: 0.00633508636897096
405: -0.00114164578016723	545: 0.027684499918789	685: 0.00553759959634382
410: -0.00115119683803961	550: 0.0289667019246047	690: 0.00487115681862898
415: -0.000504555525102188	555: 0.0299056827372703	695: 0.00451691921971377
420: 0.00100178046981124	560: 0.0308804794170184	700: 0.00423627158558968
425: 0.00410050816541	565: 0.0321304990909972	705: 0.00403522462404633
430: 0.00937631874385426	570: 0.0327922904772348	710: 0.00403580968399342
435: 0.0173842458674274	575: 0.0335962386966852	715: 0.00398449502402891
440: 0.0276093230026208	580: 0.0341815729128672	720: 0.00400908683181245
445: 0.038352410393754	585: 0.0344507867640955	725: 0.0040956902718176
450: 0.0427324915142481	590: 0.0343192622405578	730: 0.00412688966772795
455: 0.0402865990225057	595: 0.0335070169761446	735: 0.00428459207707485
460: 0.0312785757228572	600: 0.0324811380973236	740: 0.00432916956896993
465: 0.0232426582885415	605: 0.0306783075715214	745: 0.00446151621535412
470: 0.0161471551428692	610: 0.0288619446683939	750: 0.00456296708978911
475: 0.0108305641783619	615: 0.0267723774489893	755: 0.00477945377257275
480: 0.00789423255914596	620: 0.0248492619631579	760: 0.00489376135143651
485: 0.00641767143086196	625: 0.0228349887058298	765: 0.00493660148303752
490: 0.00630003463269903	630: 0.020793647017679	770: 0.00502403906662063
495: 0.0075485653131124	635: 0.0190876206349024	775: 0.0051153891451849

