Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1460776

Luminaire Tested: PRV-PC1D-750-U-T2R

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460776
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1D-750-U-T2R
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 1170MA 70CRI 5000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(40) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21560.6 lumens
Efficiency:	N/A
Efficacy:	141.8 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3
Input Watts (W):	152
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.75%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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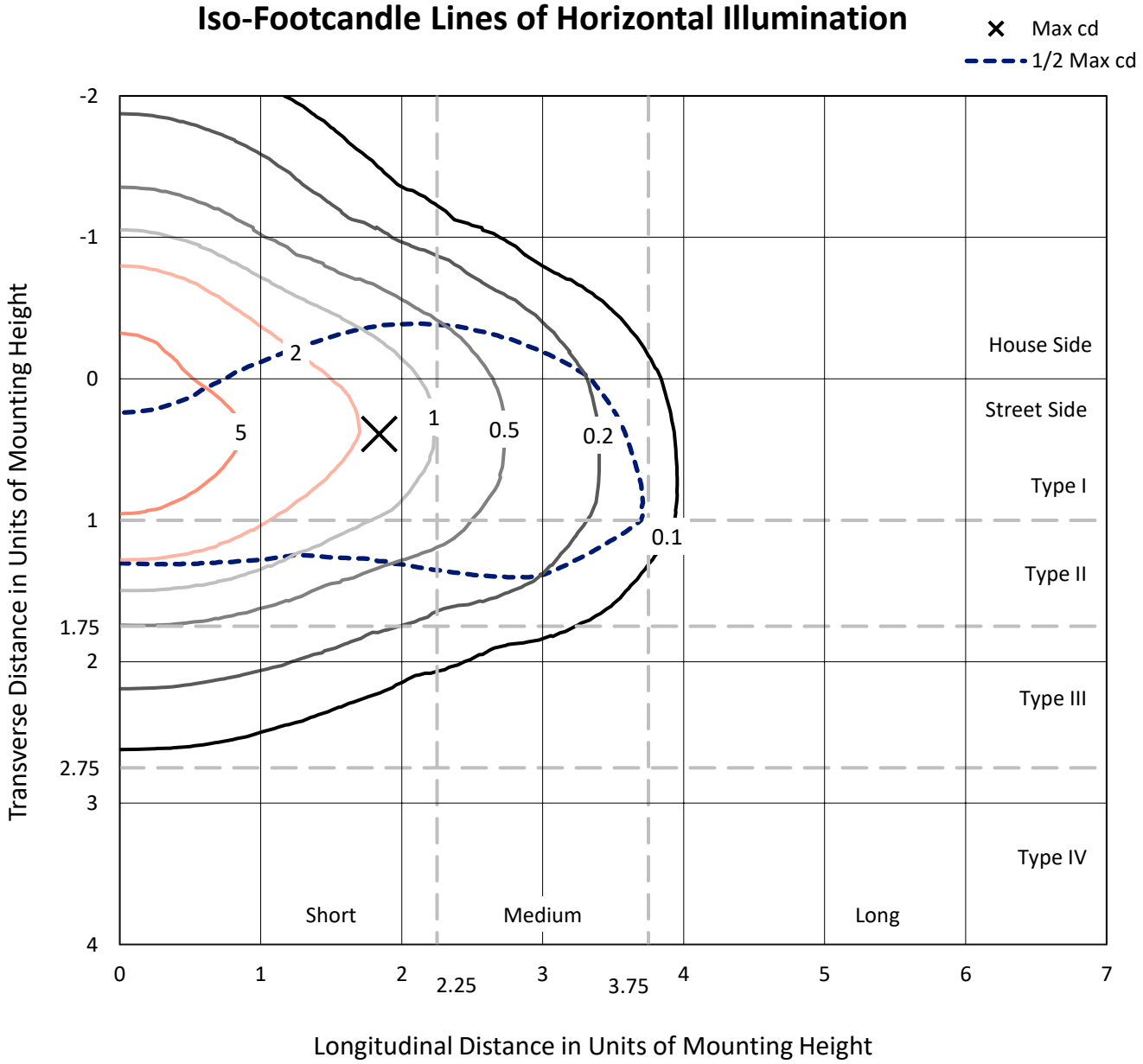
Scaled Data Report

REPORT NUMBER: P1460776
CATALOG NUMBER: PRV-PC1D-750-U-T2R

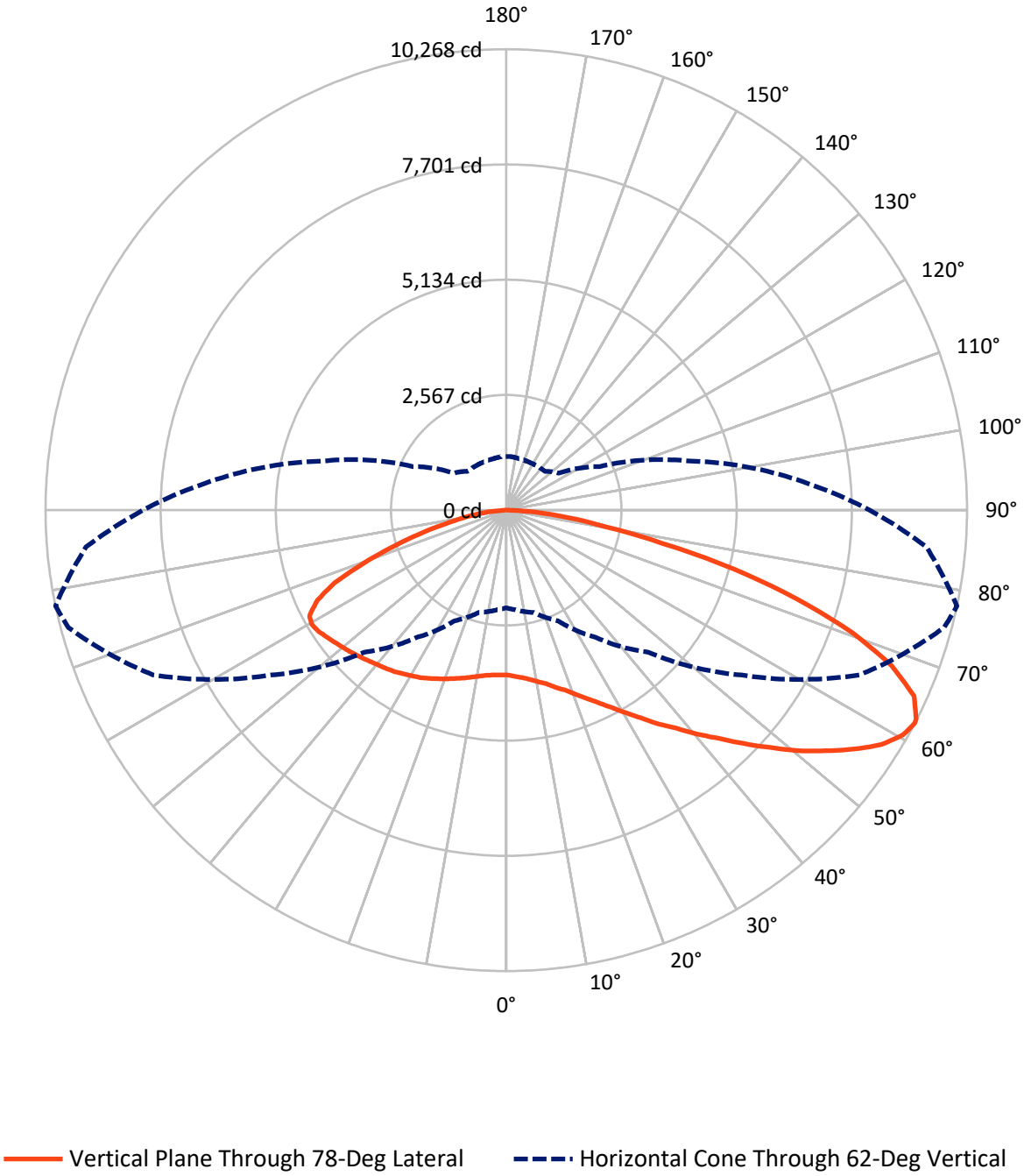
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 9 fc
Type II - Short - N/A

REPORT NUMBER: P1460776
CATALOG NUMBER: PRV-PC1D-750-U-T2R

Luminous Intensity Polar Plot



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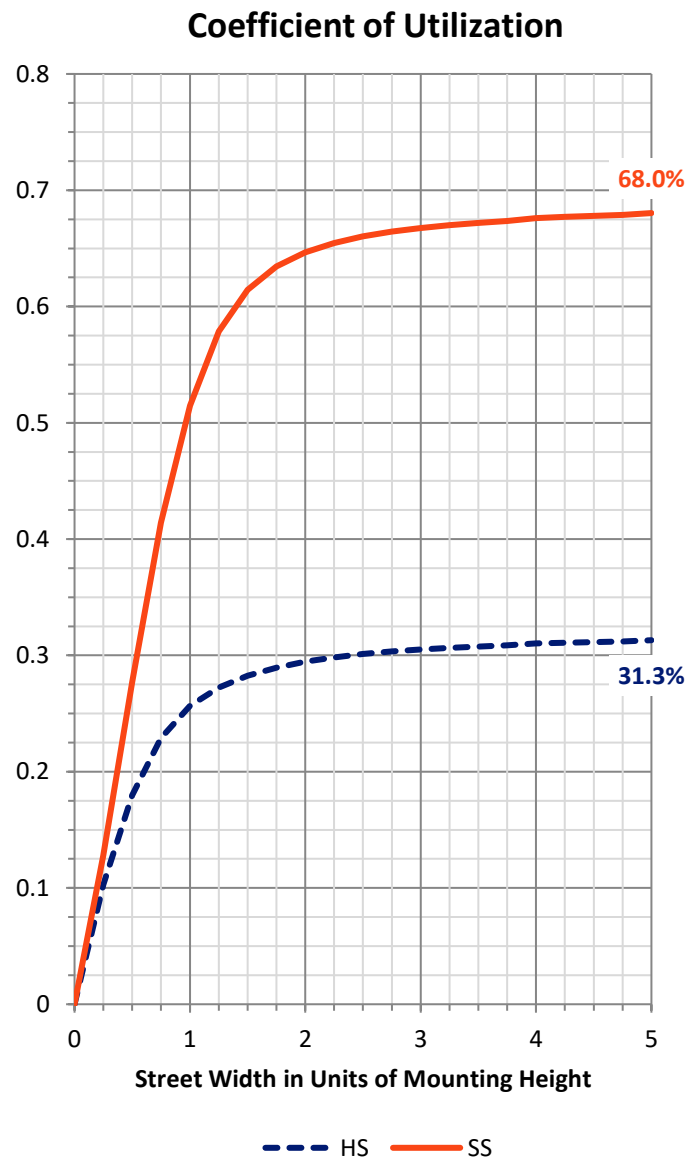
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6831.8	0.0	6831.8
	% Fixture	31.7	0.0	31.7
Street Side	Lumens	14728.8	0.0	14728.8
	% Fixture	68.3	0.0	68.3
Total	Lumens	21560.6	0.0	21560.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	364.5	1.7
10°-20°	1215.8	5.6
20°-30°	2311.8	10.7
30°-40°	3486.0	16.2
40°-50°	4224.6	19.6
50°-60°	4181.5	19.4
60°-70°	3474.8	16.1
70°-80°	1869.2	8.7
80°-90°	432.4	2.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	21560.6	100.0
0°-180°	21560.6	100.0



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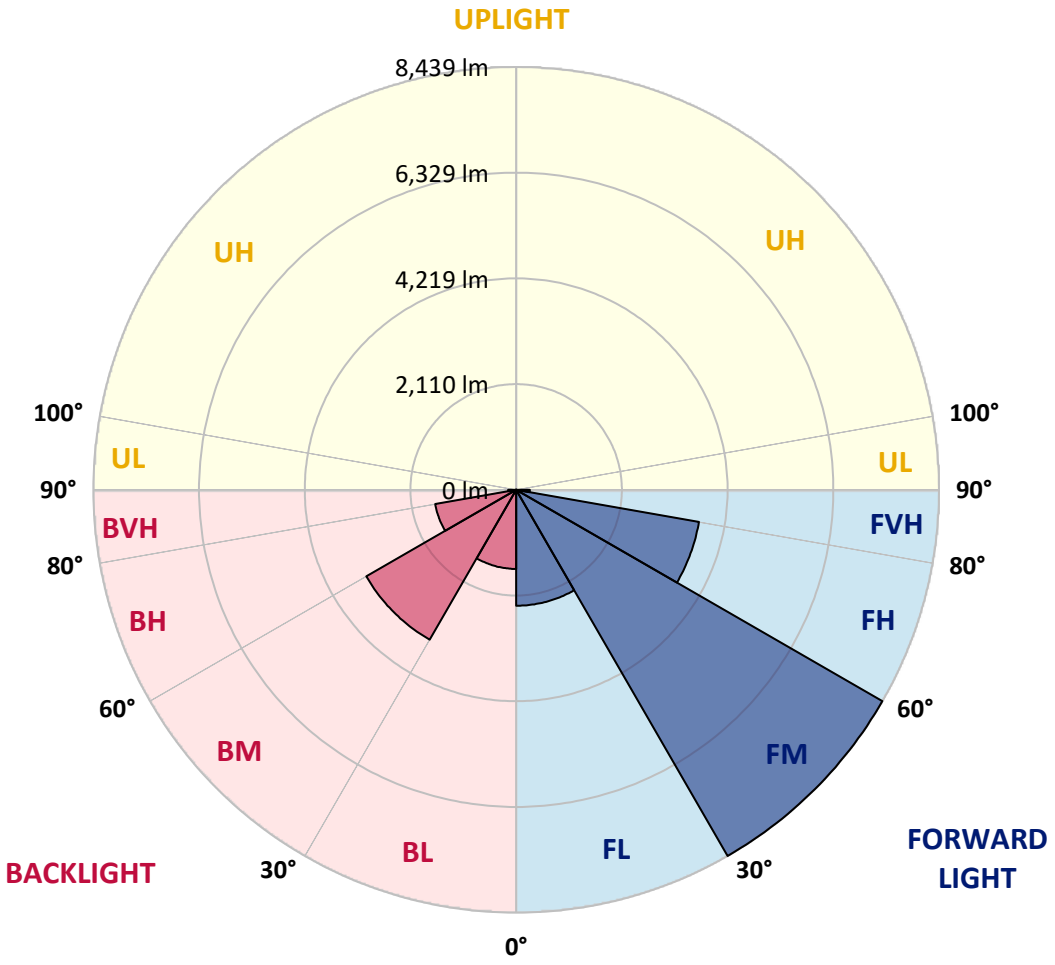
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2313.8	10.7			
FM	(30°-60°)	8438.9	39.1			
FH	(60°-80°)	3704.1	17.2			G2/5000
FVH	(80°-90°)	272.0	1.3			G3/500
BL	(0°-30°)	1578.4	7.3	B3/2500		
BM	(30°-60°)	3453.2	16.0	B3/5000		
BH	(60°-80°)	1639.8	7.6	B3/2500		G3/2500
BVH	(80°-90°)	160.4	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	78°	85°
0°	3674.5	3674.5	3674.5	3674.5	3674.5	3674.5	3674.5	3674.5	3674.5	*3674.5*	3674.5
2.5°	3773.5	3771.5	3775.5	3773.5	3760.5	3748.5	3737.5	3713.5	3706.5	*3706.5*	3679.5
5°	3933.6	3952.6	3947.6	3913.6	3883.5	3855.5	3826.5	3782.5	3758.5	*3747.5*	3707.5
7.5°	4203.6	4193.6	4180.6	4135.6	4085.6	4016.6	3950.6	3880.5	3816.5	*3807.5*	3755.5
10°	4524.6	4509.6	4476.6	4416.6	4326.6	4228.6	4114.6	4007.6	3902.5	*3886.5*	3818.5
12.5°	4888.7	4914.7	4861.7	4754.7	4631.7	4474.6	4321.6	4152.6	4012.6	*3968.6*	3900.5
15°	5369.8	5348.8	5306.7	5162.7	4968.7	4767.7	4545.6	4318.6	4129.6	*4094.6*	3985.6
17.5°	5867.8	5822.8	5762.8	5598.8	5366.8	5073.7	4809.7	4515.6	4276.6	*4210.6*	4082.6
20°	6404.9	6406.9	6287.9	6099.9	5813.8	5451.8	5104.7	4744.7	4448.6	*4370.6*	4204.6
22.5°	6961.0	6970.0	6840.0	6615.9	6300.9	5890.8	5449.8	5023.7	4643.7	*4549.6*	4328.6
25°	7528.1	7530.1	7408.0	7167.0	6791.0	6346.9	5837.8	5322.7	4869.7	*4747.7*	4484.6
27.5°	8039.1	8058.1	7934.1	7673.1	7286.0	6809.0	6232.9	5657.8	5107.7	*4972.7*	4647.7
30°	8449.2	8440.2	8340.2	8108.1	7728.1	7229.0	6668.9	6023.8	5397.8	*5233.7*	4841.7
32.5°	8756.2	8751.2	8637.2	8415.2	8079.1	7647.1	7092.0	6397.9	5722.8	*5519.8*	5047.7
35°	8919.3	8925.3	8836.2	8630.2	8361.2	7973.1	7511.1	6860.0	6033.8	*5850.8*	5304.7
37.5°	9019.3	9029.3	8892.3	8727.2	8504.2	8233.2	7888.1	7275.0	6426.9	*6166.9*	5544.8
40°	8895.3	8908.3	8817.2	8625.2	8520.2	8374.2	8185.2	7713.1	6836.0	*6559.9*	5808.8
42.5°	8472.2	8483.2	8491.2	8388.2	8375.2	8391.2	8387.2	8080.1	7259.0	*6951.0*	6118.9
45°	7907.1	7924.1	8005.1	8036.1	8117.1	8289.2	8463.2	8427.2	7739.1	*7415.0*	6469.9
47.5°	7211.0	7291.0	7393.0	7585.1	7807.1	8086.1	8411.2	8698.2	8212.2	*7900.1*	6840.0
50°	6156.9	6226.9	6559.9	6953.0	7352.0	7836.1	8260.2	8854.2	8693.2	*8424.2*	7284.0
52.5°	5061.7	5123.7	5513.8	6162.9	6744.9	7459.1	8046.1	8891.3	9148.3	*8904.3*	7743.1
55°	4082.6	4151.6	4487.6	5154.7	5974.8	6873.0	7799.1	8844.2	9543.3	*9399.3*	8267.2
57.5°	3233.5	3254.5	3543.5	4131.6	5117.7	6138.9	7453.0	8779.2	9865.4	*9854.4*	8746.2
60°	2547.4	2583.4	2824.4	3322.5	4131.6	5266.7	6974.0	8735.2	10058.4	*10163.4*	9184.3
62°	*2176.3*	*2227.3*	*2361.3*	*2718.4*	*3454.5*	*4474.6*	*6404.9*	*8685.2*	*10101.4*	*10268.4*	*9399.3*
62.5°	2113.3	2129.3	2276.3	2618.4	3283.5	4316.6	6271.9	8676.2	10089.4	*10253.4*	9418.3
65°	1780.3	1793.3	1898.3	2100.3	2595.4	3413.5	5362.8	8444.2	9826.4	*9985.4*	9286.3
67.5°	1524.2	1541.2	1600.2	1754.2	2067.3	2733.4	4451.6	7768.1	9250.3	*9270.3*	8747.2
70°	1301.2	1303.2	1379.2	1468.2	1690.2	2145.3	3473.5	6690.9	8302.2	*8188.2*	7715.1
72.5°	1081.2	1095.2	1161.2	1255.2	1379.2	1711.2	2656.4	5457.8	6968.0	*6775.0*	6291.9
75°	897.1	899.1	949.1	1027.1	1137.2	1361.2	2034.3	4038.6	5368.8	*5253.7*	4690.7
77.5°	734.1	753.1	782.1	846.1	906.1	1090.2	1530.2	2895.4	3698.5	*3555.5*	3072.4
80°	589.1	607.1	639.1	671.1	706.1	803.1	1168.2	1996.3	2450.3	*2254.3*	1911.3
82.5°	456.1	468.1	490.1	520.1	531.1	587.1	806.1	1342.2	1507.2	*1423.2*	1088.2
85°	288.0	292.0	295.0	320.0	348.0	379.1	480.1	706.1	825.1	*767.1*	504.1
87.5°	87.0	76.0	96.0	113.0	113.0	109.0	134.0	185.0	182.0	*156.0*	89.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

REPORT NUMBER: P1460776
CATALOG NUMBER: PRV-PC1D-750-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3674.5	3674.5	3674.5	3674.5	3674.5	3674.5	3674.5	3674.5	3674.5	3674.5	3674.5
2.5°	3678.5	3682.5	3671.5	3660.5	3646.5	3649.5	3638.5	3642.5	3636.5	3626.5	3623.5
5°	3704.5	3693.5	3676.5	3664.5	3652.5	3653.5	3636.5	3641.5	3638.5	3631.5	3622.5
7.5°	3741.5	3722.5	3701.5	3689.5	3672.5	3671.5	3659.5	3654.5	3651.5	3646.5	3644.5
10°	3794.5	3767.5	3745.5	3725.5	3705.5	3703.5	3685.5	3682.5	3677.5	3676.5	3668.5
12.5°	3864.5	3827.5	3795.5	3769.5	3743.5	3737.5	3718.5	3705.5	3698.5	3692.5	3687.5
15°	3938.6	3892.5	3851.5	3810.5	3780.5	3761.5	3729.5	3712.5	3701.5	3688.5	3687.5
17.5°	4019.6	3965.6	3902.5	3847.5	3803.5	3769.5	3727.5	3702.5	3687.5	3673.5	3668.5
20°	4120.6	4047.6	3959.6	3885.5	3819.5	3766.5	3711.5	3670.5	3637.5	3619.5	3614.5
22.5°	4221.6	4132.6	4014.6	3915.6	3824.5	3752.5	3670.5	3610.5	3569.5	3546.5	3542.5
25°	4341.6	4231.6	4072.6	3936.6	3814.5	3718.5	3613.5	3540.5	3492.5	3462.5	3464.5
27.5°	4474.6	4333.6	4125.6	3937.6	3790.5	3658.5	3541.5	3450.5	3405.5	3365.5	3367.5
30°	4620.7	4441.6	4160.6	3931.6	3737.5	3580.5	3440.5	3342.5	3286.5	3238.5	3236.5
32.5°	4785.7	4553.6	4193.6	3920.6	3677.5	3484.5	3324.5	3216.5	3143.4	3101.4	3097.4
35°	4961.7	4682.7	4235.6	3896.5	3603.5	3368.5	3197.5	3061.4	2992.4	2923.4	2920.4
37.5°	5143.7	4794.7	4263.6	3849.5	3495.5	3224.5	3023.4	2877.4	2753.4	2699.4	2693.4
40°	5352.8	4929.7	4278.6	3784.5	3356.5	3051.4	2844.4	2643.4	2522.4	2461.3	2454.3
42.5°	5563.8	5075.7	4303.6	3705.5	3194.4	2856.4	2583.4	2395.3	2294.3	2219.3	2229.3
45°	5826.8	5240.7	4329.6	3605.5	3006.4	2614.4	2333.3	2151.3	2059.3	2003.3	2002.3
47.5°	6105.9	5410.8	4353.6	3482.5	2802.4	2372.3	2094.3	1932.3	1862.3	1823.3	1816.3
50°	6393.9	5604.8	4369.6	3329.5	2573.4	2103.3	1870.3	1748.2	1681.2	1652.2	1643.2
52.5°	6749.0	5820.8	4378.6	3168.4	2321.3	1873.3	1688.2	1592.2	1547.2	1520.2	1523.2
55°	7104.0	6054.9	4386.6	2972.4	2074.3	1652.2	1532.2	1465.2	1446.2	1435.2	1430.2
57.5°	7511.1	6338.9	4390.6	2766.4	1839.3	1475.2	1402.2	1357.2	1339.2	1357.2	1363.2
60°	7884.1	6597.9	4348.6	2524.4	1616.2	1327.2	1283.2	1256.2	1253.2	1262.2	1267.2
62°	*8095.1*	*6760.0*	*4224.6*	*2301.3*	*1436.2*	*1224.2*	*1198.2*	*1184.2*	*1180.2*	*1196.2*	*1194.2*
62.5°	8129.1	6778.0	4176.6	2232.3	1405.2	1205.2	1179.2	1160.2	1161.2	1178.2	1174.2
65°	8106.1	6712.9	3780.5	1905.3	1224.2	1088.2	1075.2	1063.1	1066.2	1084.2	1082.2
67.5°	7679.1	6286.9	3249.5	1585.2	1074.2	987.1	973.1	964.1	982.1	1000.1	1010.1
70°	6824.0	5411.8	2558.4	1305.2	939.1	880.1	877.1	868.1	899.1	908.1	916.1
72.5°	5580.8	4353.6	1978.3	1074.2	818.1	771.1	771.1	783.1	792.1	807.1	809.1
75°	4122.6	3283.5	1512.2	895.1	704.1	669.1	671.1	678.1	672.1	669.1	672.1
77.5°	2715.4	2148.3	1132.2	734.1	604.1	568.1	560.1	565.1	588.1	624.1	627.1
80°	1640.2	1382.2	838.1	599.1	494.1	449.1	458.1	479.1	578.1	612.1	615.1
82.5°	957.1	849.1	631.1	467.1	380.1	337.0	355.0	460.1	518.1	334.0	371.1
85°	440.1	410.1	382.1	286.0	229.0	211.0	256.0	398.1	351.0	154.0	119.0
87.5°	78.0	80.0	79.0	62.0	45.0	42.0	87.0	113.0	71.0	18.0	12.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP2-2501-321-5

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-750-U-T4W

Data in this report applies to families of products including GKO-PB1E-750-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

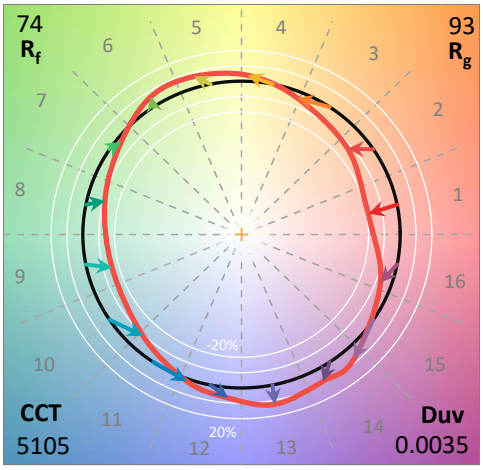
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-5
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP2 - 165CM SPHERE
Measurement Geometry:	4π
Issue Date:	04/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GKO-PB1E-750-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	5105	CRI (Ra):		72.2			
CIE u':	0.2079	R1:		68.8	R9:		-38.2
CIE v':	0.4868	R2:		78.3	R10:		48.2
Duv:	0.0035	R3:		84.9	R11:		68.1
CIE x:	0.3428	R4:		71.7	R12:		42.9
CIE y:	0.3567	R5:		69.8	R13:		70.6
CIE z:	0.3005	R6:		69.8	R14:		91.6
Peak Wavelength (nm):	451	R7:		81.2	R15:		61.7
Dominant Wavelength (nm):	567	R8:		53.5			
Purity:	9.884628						

Rf:	74.2
Rg:	92.7



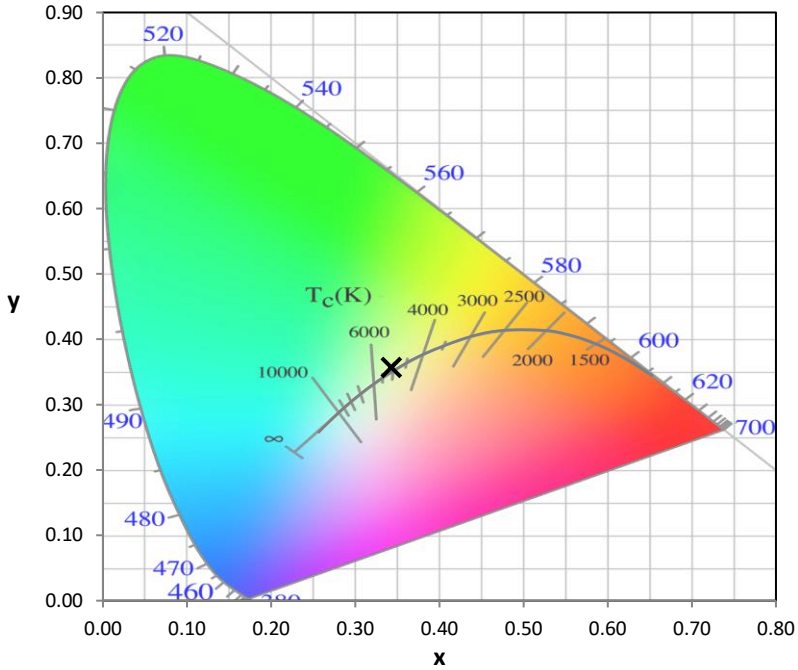
Test Conditions

Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.0

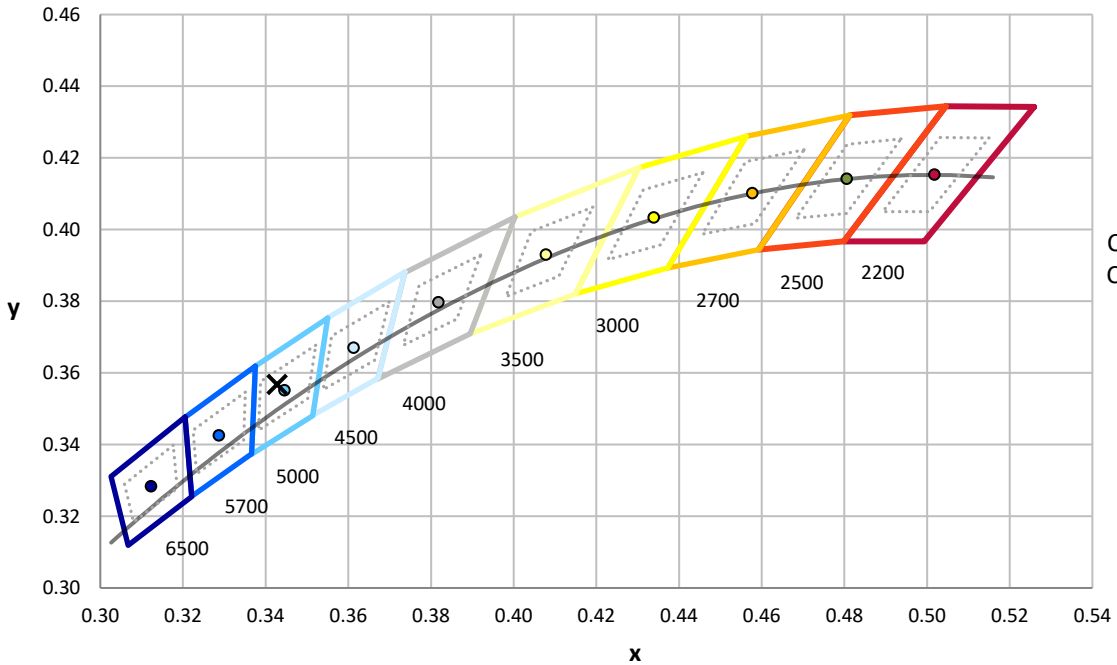
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP2-2501-321-5

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

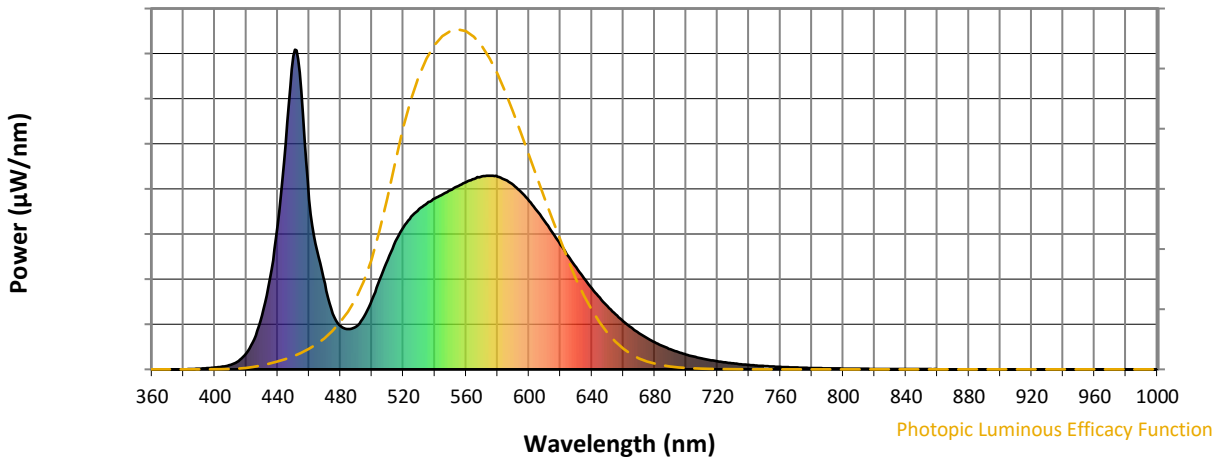


CCT = 5105K
CIE x = 0.3428
CIE y = 0.3567
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-5

Photopic Flux vs. Wavelength

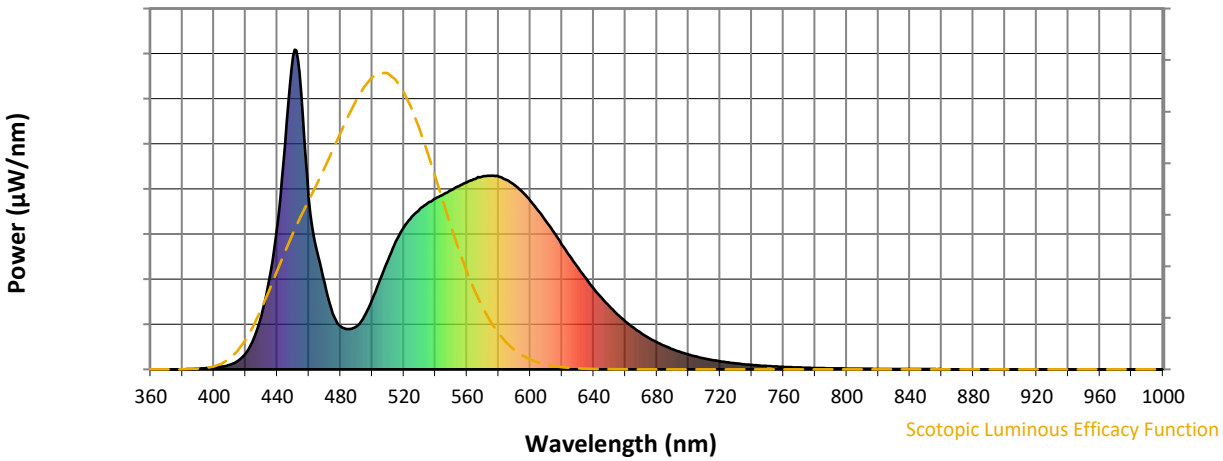


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

REPORT NUMBER: SP2-2501-321-5

Scotopic Flux vs. Wavelength

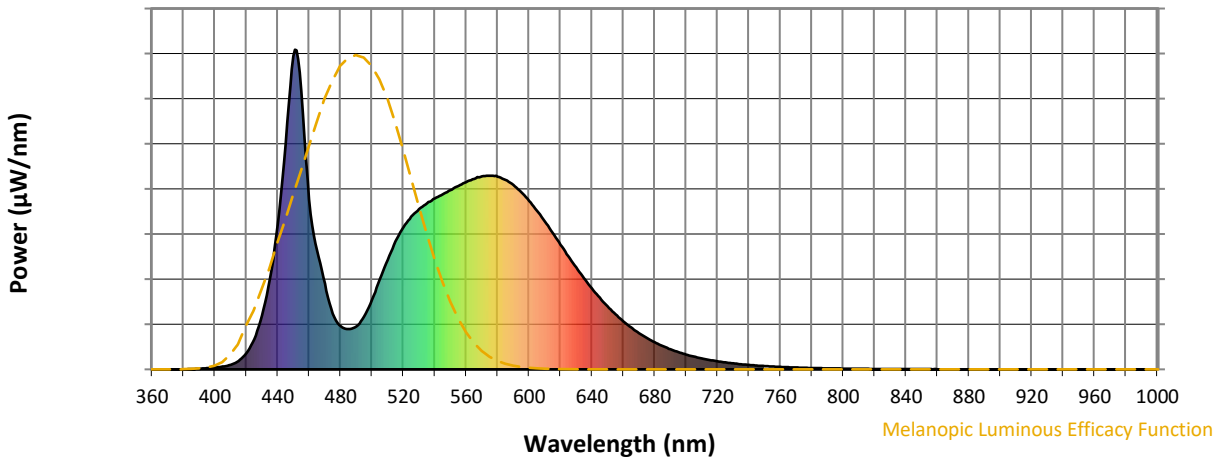


Scotopic Lumens: NR **S/P: 1.82**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

REPORT NUMBER: SP2-2501-321-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.75**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

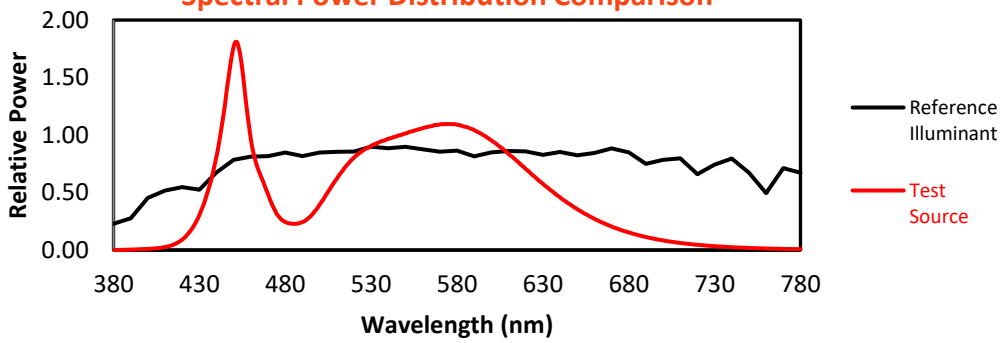
REPORT NUMBER: SP2-2501-321-5

TM-30-18

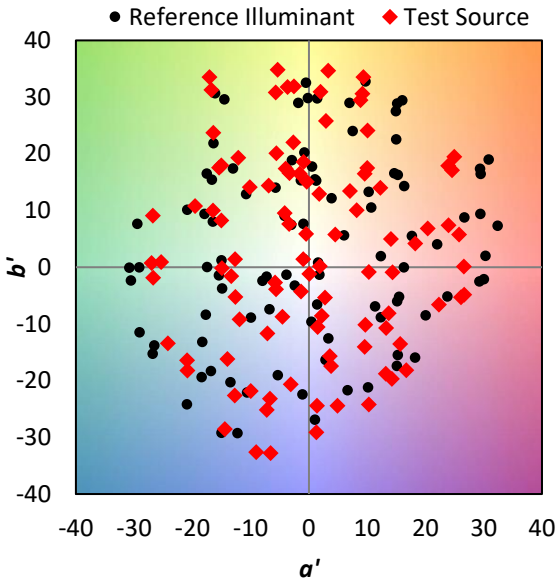
Summary

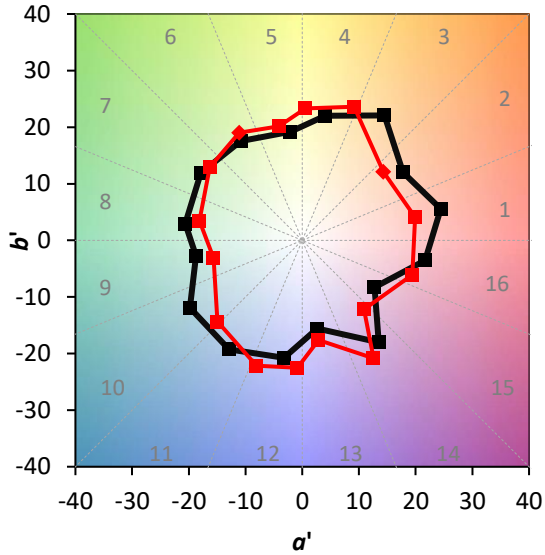
R_f = 74.2
R_g = 92.7
CIE R_a = 72.2
R_9 = -38.2

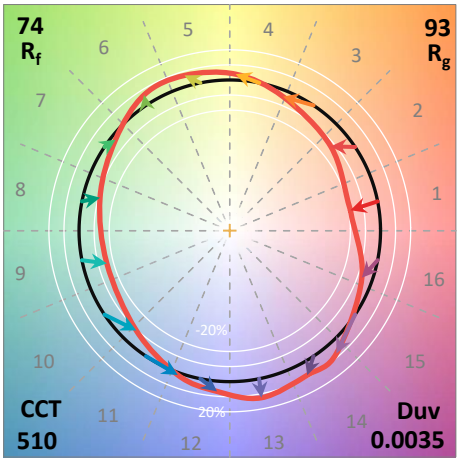
Spectral Power Distribution Comparison

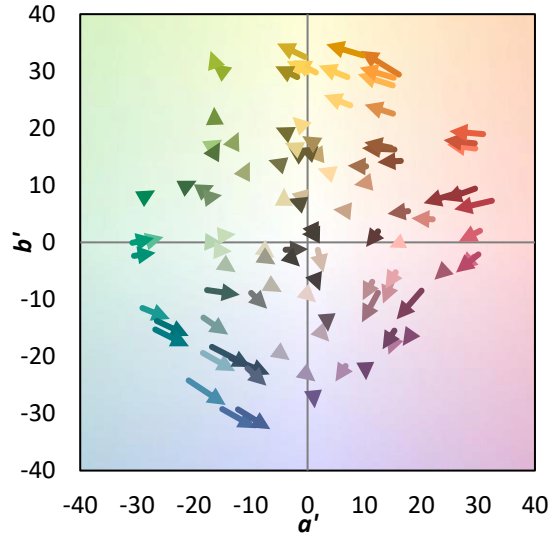


Color Vector Graphics



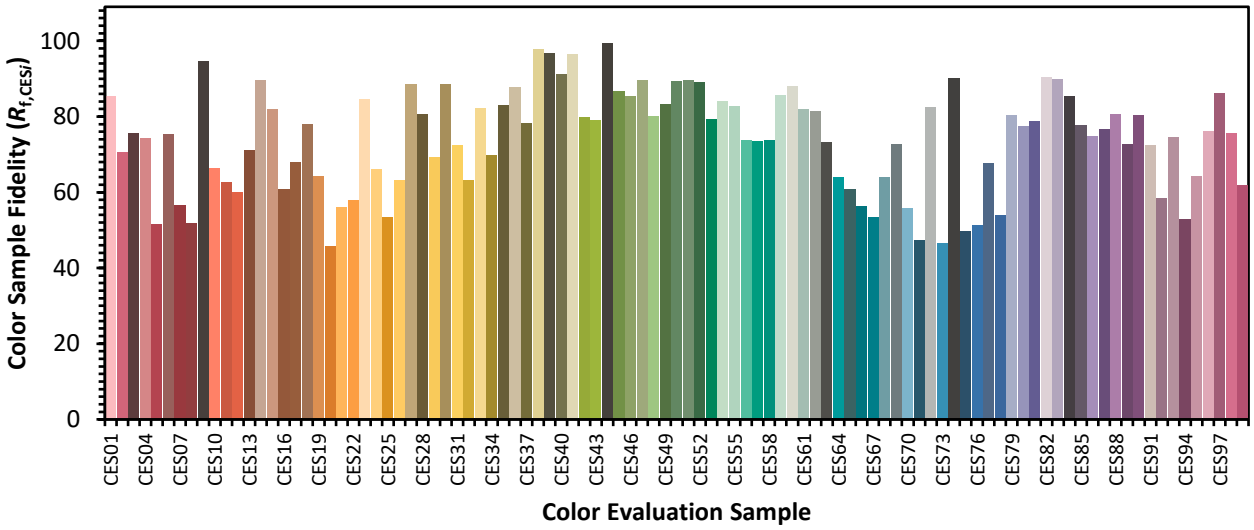




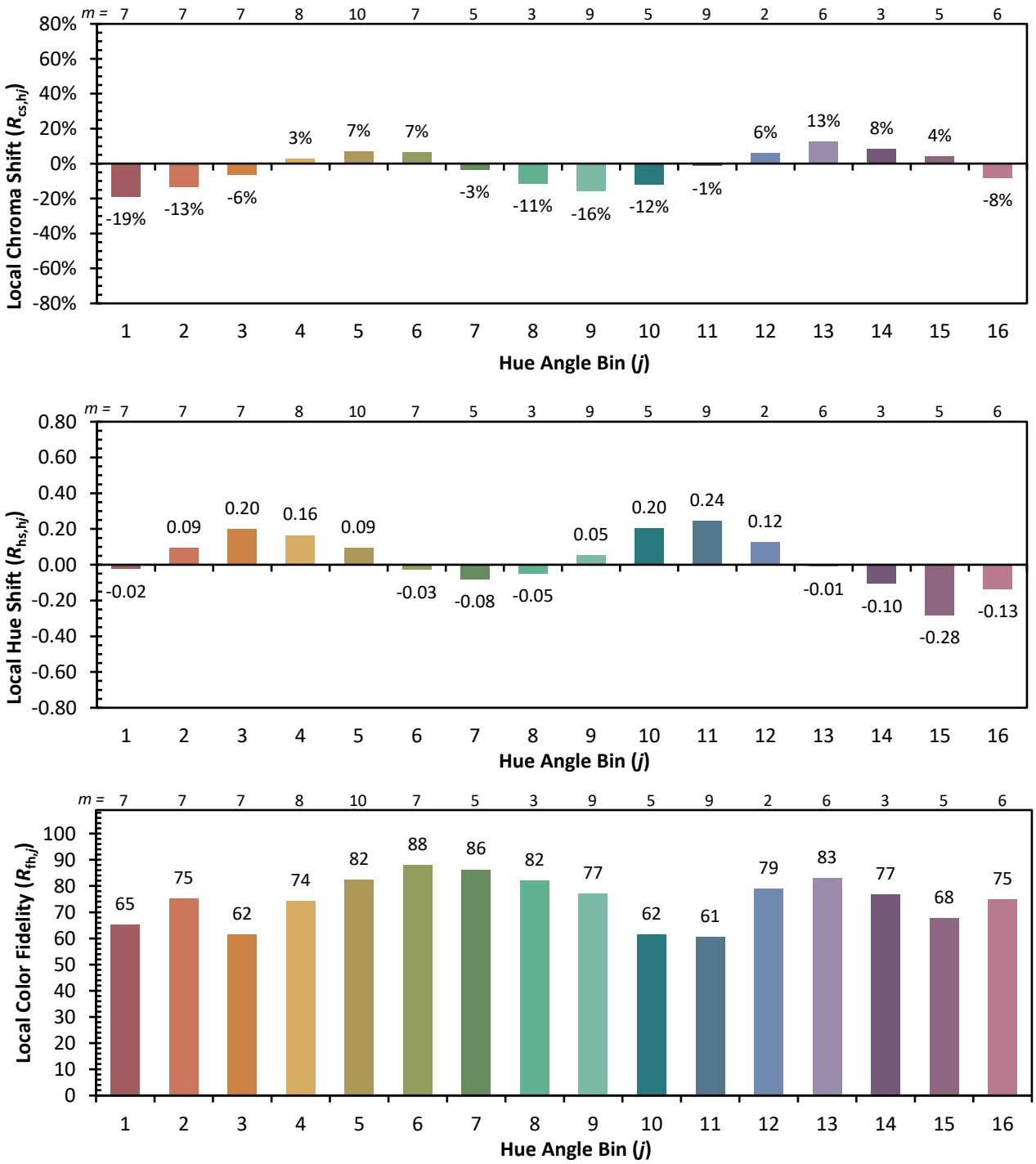


Individual Sample Fidelity Index ($R_{f,i}$)

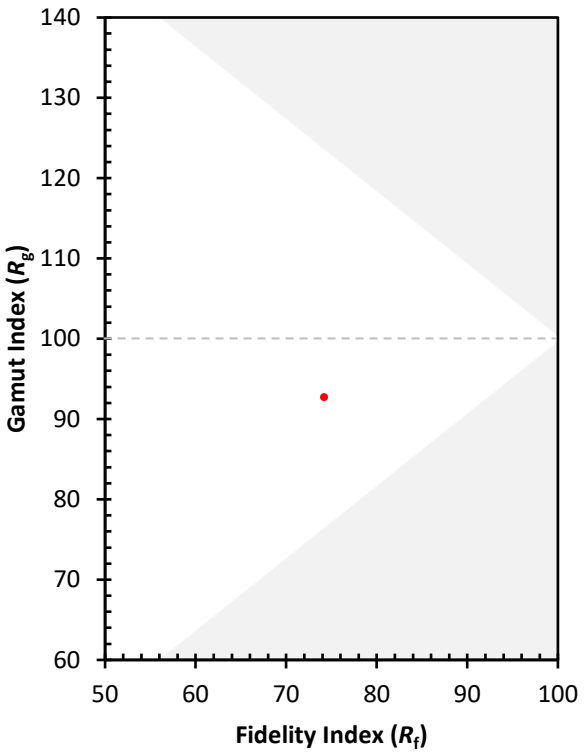
CES01 = 85	CES26 = 63	CES51 = 89	CES76 = 51
CES02 = 59	CES27 = 89	CES52 = 89	CES77 = 68
CES03 = 30	CES28 = 81	CES53 = 79	CES78 = 54
CES04 = 69	CES29 = 69	CES54 = 84	CES79 = 80
CES05 = 46	CES30 = 88	CES55 = 83	CES80 = 77
CES06 = 50	CES31 = 72	CES56 = 74	CES81 = 79
CES07 = 38	CES32 = 63	CES57 = 73	CES82 = 91
CES08 = 38	CES33 = 82	CES58 = 74	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 86	CES84 = 85
CES10 = 72	CES35 = 83	CES60 = 88	CES85 = 78
CES11 = 56	CES36 = 88	CES61 = 82	CES86 = 75
CES12 = 61	CES37 = 78	CES62 = 81	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 73	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 73
CES15 = 70	CES40 = 91	CES65 = 61	CES90 = 80
CES16 = 46	CES41 = 96	CES66 = 56	CES91 = 72
CES17 = 49	CES42 = 80	CES67 = 54	CES92 = 58
CES18 = 55	CES43 = 79	CES68 = 64	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 73	CES94 = 53
CES20 = 63	CES45 = 87	CES70 = 56	CES95 = 64
CES21 = 85	CES46 = 85	CES71 = 47	CES96 = 76
CES22 = 77	CES47 = 90	CES72 = 82	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 47	CES98 = 76
CES24 = 90	CES49 = 83	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 50	

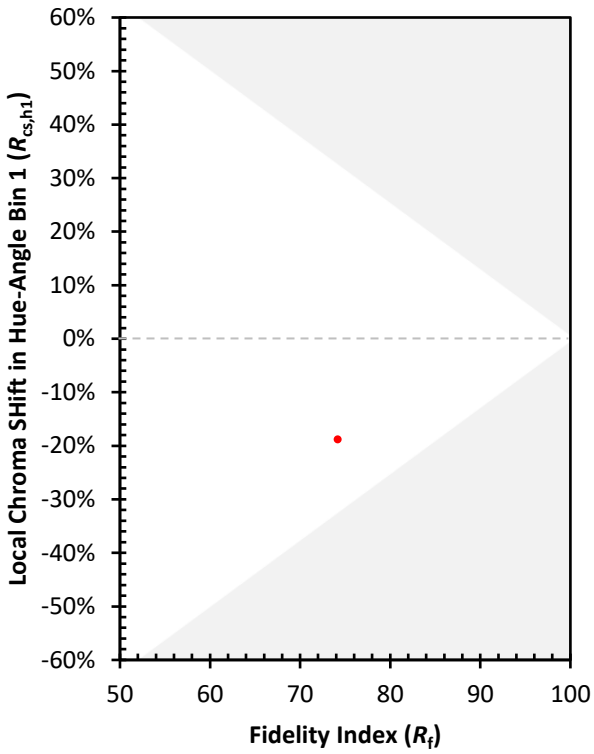


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)