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: P1460568

Luminaire Tested: PRV-PC1D-750-U-T4W

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460568
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1D-750-U-T4W
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 1170MA 70CRI 5000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(40) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21130.9 lumens
Efficiency:	N/A
Efficacy:	139.0 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type IV - 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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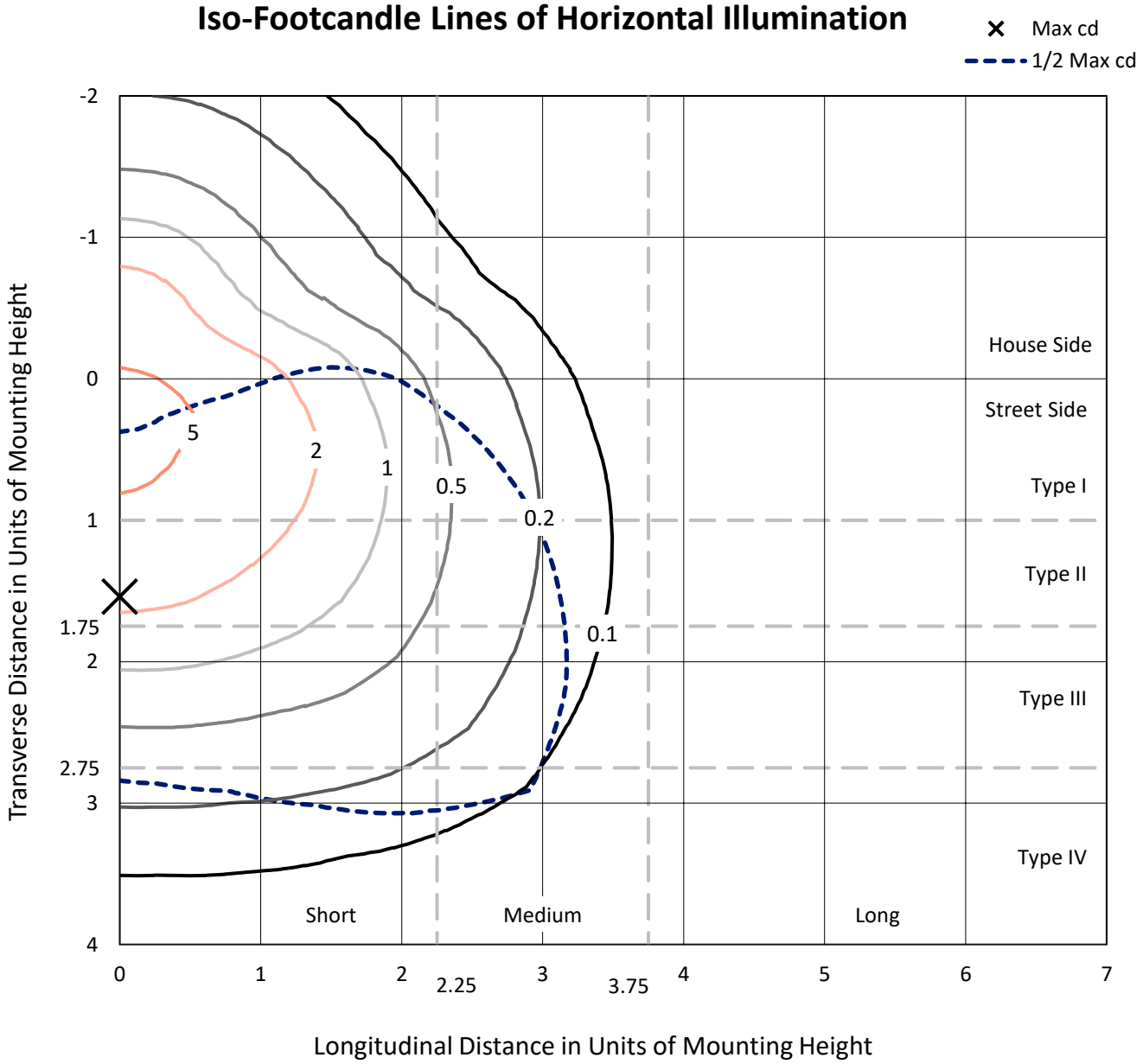
Scaled Data Report

REPORT NUMBER: P1460568
CATALOG NUMBER: PRV-PC1D-750-U-T4W

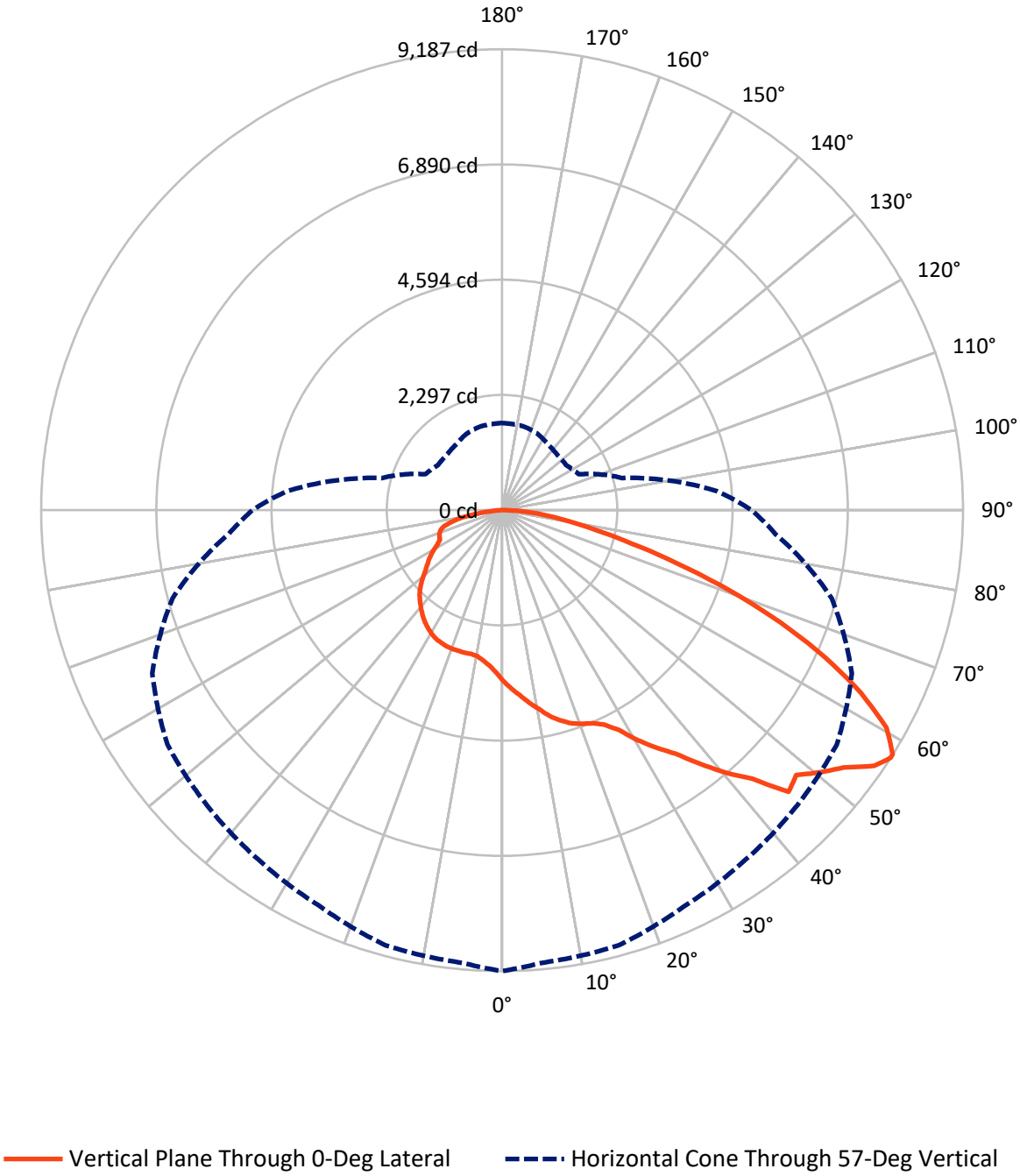
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 6.3 fc
Type IV - Short - N/A

REPORT NUMBER: P1460568
CATALOG NUMBER: PRV-PC1D-750-U-T4W

Luminous Intensity Polar Plot



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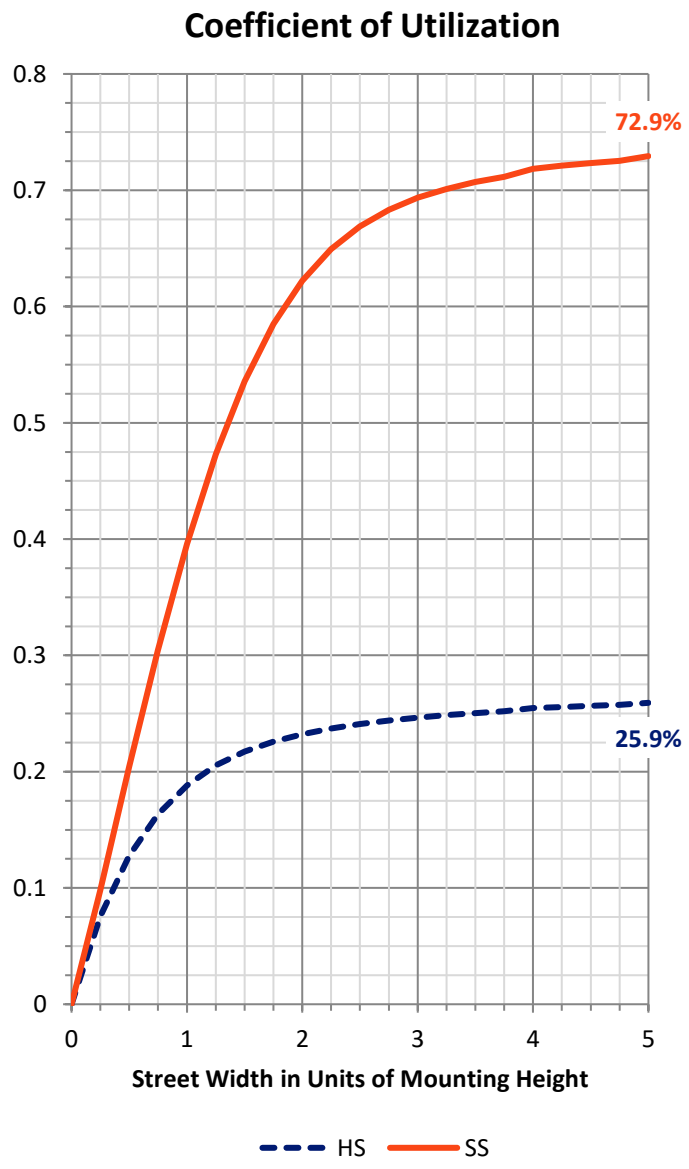
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5571.5	0.0	5571.5
	% Fixture	26.4	0.0	26.4
Street Side	Lumens	15559.4	0.0	15559.4
	% Fixture	73.6	0.0	73.6
Total	Lumens	21130.9	0.0	21130.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	326.6	1.5
10°-20°	1006.8	4.8
20°-30°	1725.1	8.2
30°-40°	2538.3	12.0
40°-50°	3492.8	16.5
50°-60°	4407.5	20.9
60°-70°	4466.1	21.1
70°-80°	2564.8	12.1
80°-90°	602.7	2.9
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°	21130.9	100.0
0°-180°	21130.9	100.0



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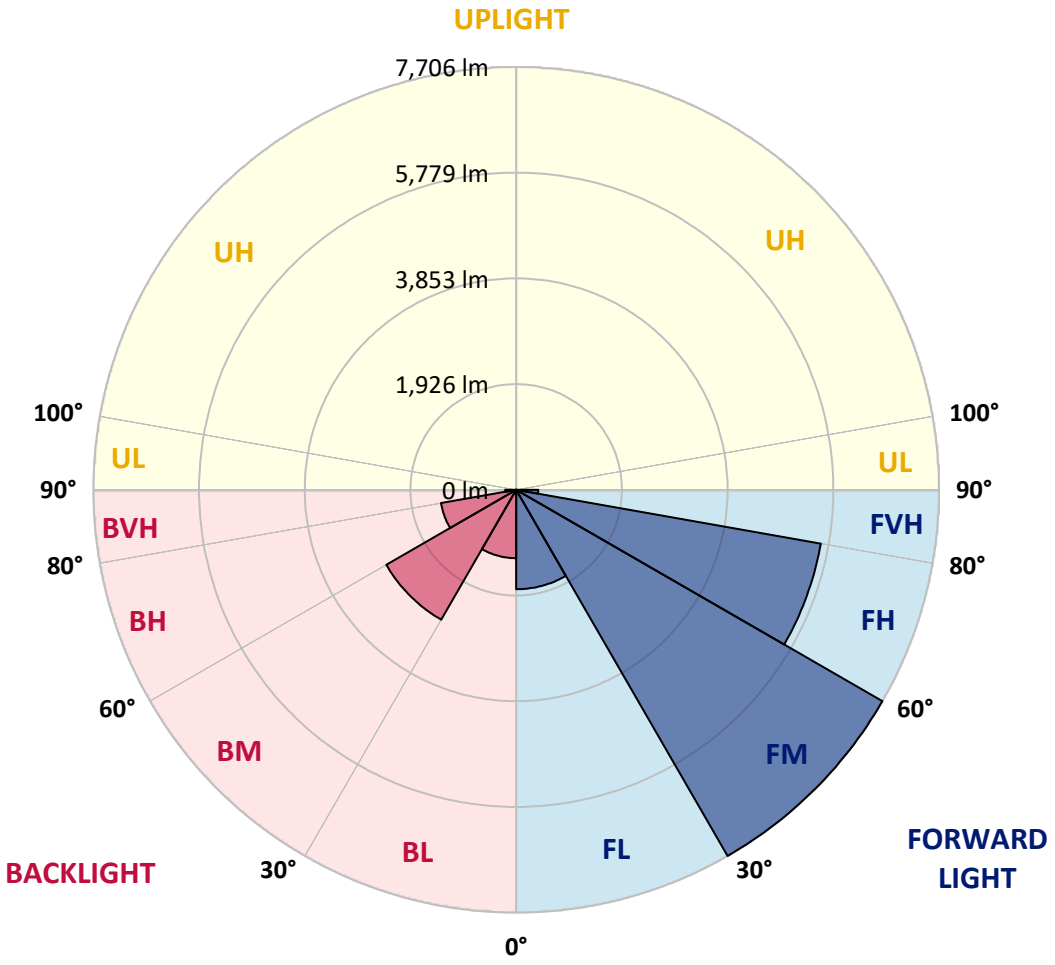
CATALOG NUMBER: PRV-PC1D-750-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1811.3	8.6			
FM	(30°-60°)	7705.9	36.5			
FH	(60°-80°)	5638.8	26.7			G3/7500
FVH	(80°-90°)	403.4	1.9			G3/500
BL	(0°-30°)	1247.3	5.9	B3/2500		
BM	(30°-60°)	2732.7	12.9	B3/5000		
BH	(60°-80°)	1392.1	6.6	B3/2500		G3/2500
BVH	(80°-90°)	199.3	0.9			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6
2.5°	3561.6	3570.6	3562.6	3548.6	3526.6	3513.6	3506.6	3471.6	3449.6	3427.6	3407.6
5°	3705.6	3718.6	3715.6	3685.6	3663.6	3636.6	3593.6	3538.6	3490.6	3431.6	3401.6
7.5°	3873.6	3873.6	3851.6	3833.6	3784.6	3743.6	3688.6	3614.6	3533.6	3453.6	3402.6
10°	4030.6	4040.6	4023.6	3989.6	3931.6	3872.6	3794.6	3712.6	3597.6	3487.6	3425.6
12.5°	4210.5	4210.5	4191.5	4138.5	4086.6	4003.6	3910.6	3801.6	3679.6	3536.6	3457.6
15°	4348.5	4353.5	4339.5	4305.5	4240.5	4163.5	4035.6	3909.6	3747.6	3583.6	3484.6
17.5°	4467.5	4466.5	4454.5	4431.5	4395.5	4317.5	4179.5	4016.6	3827.6	3624.6	3514.6
20°	4544.5	4551.5	4541.5	4553.5	4530.5	4465.5	4328.5	4135.5	3917.6	3673.6	3548.6
22.5°	4614.5	4615.5	4623.5	4636.5	4638.5	4609.5	4496.5	4277.5	4013.6	3730.6	3580.6
25°	4735.5	4729.5	4730.5	4730.5	4751.5	4752.5	4659.5	4450.5	4136.5	3805.6	3634.6
27.5°	4959.5	4950.5	4905.5	4873.5	4873.5	4898.5	4841.5	4630.5	4272.5	3879.6	3685.6
30°	5314.4	5296.4	5205.4	5089.4	5048.4	5072.4	5029.4	4830.5	4415.5	3971.6	3737.6
32.5°	5643.4	5640.4	5552.4	5407.4	5311.4	5279.4	5241.4	5048.4	4594.5	4067.6	3812.6
35°	5961.3	5956.3	5863.4	5783.4	5648.4	5530.4	5451.4	5227.4	4731.5	4158.5	3880.6
37.5°	6415.3	6392.3	6283.3	6187.3	5987.3	5727.4	5640.4	5447.4	4933.5	4285.5	3996.6
40°	6886.2	6862.2	6677.3	6547.3	6335.3	6033.3	5872.4	5699.4	5131.4	4440.5	4129.5
42.5°	7320.2	7288.2	7101.2	6856.2	6622.3	6357.3	6158.3	5936.3	5381.4	4597.5	4260.5
45°	8009.1	7763.1	7539.2	7348.2	6929.2	6673.3	6468.3	6244.3	5648.4	4778.5	4417.5
47.5°	7888.1	7839.1	7828.1	7827.1	7236.2	7016.2	6799.3	6533.3	5918.3	4953.5	4567.5
50°	8214.1	8148.1	8273.1	8102.1	7530.2	7360.2	7134.2	6841.2	6190.3	5114.4	4714.5
52.5°	8522.1	8532.1	8499.1	8190.1	7865.1	7678.2	7498.2	7162.2	6440.3	5276.4	4842.5
55°	8998.0	8901.0	8804.0	8507.1	8211.1	8004.1	7879.1	7457.2	6663.3	5412.4	4934.5
57°	9187.0	9057.0	8978.0	8681.0	8489.1	8319.1	8143.1	7692.2	6802.3	5470.4	4974.5
57.5°	9181.0	9061.0	9012.0	8697.0	8535.1	8387.1	8186.1	7730.1	6817.3	5466.4	4966.5
60°	8806.0	8786.0	8968.0	8711.0	8709.0	8671.0	8442.1	7886.1	6852.2	5408.4	4880.5
62.5°	8032.1	8119.1	8484.1	8589.1	8840.0	8922.0	8556.1	7833.1	6696.3	5188.4	4659.5
65°	7081.2	7245.2	7695.2	8191.1	8820.0	9071.0	8533.1	7553.2	6326.3	4790.5	4243.5
67.5°	5994.3	6148.3	6671.3	7441.2	8480.1	8839.0	8235.1	7026.2	5723.4	4248.5	3709.6
70°	4835.5	4952.5	5386.4	6291.3	7643.2	8160.1	7442.2	6232.3	4885.5	3589.6	3080.7
72.5°	3682.6	3727.6	4134.5	4987.5	6289.3	6933.2	6191.3	5122.4	4039.6	2876.7	2477.7
75°	2671.7	2717.7	3062.7	3585.6	4574.5	5398.4	4824.5	3980.6	3075.7	2191.8	1900.8
77.5°	1908.8	1958.8	2150.8	2453.7	3129.7	3832.6	3423.6	2906.7	2120.8	1435.8	1317.9
80°	1355.9	1375.8	1576.8	1693.8	2031.8	2468.7	2354.7	2005.8	1357.9	959.9	881.9
82.5°	934.9	950.9	1119.9	1179.9	1312.9	1562.8	1562.8	1366.8	860.9	625.9	597.9
85°	552.9	555.9	689.9	746.9	767.9	928.9	954.9	742.9	472.9	283.0	280.0
87.5°	206.0	205.0	315.0	288.0	252.0	283.0	328.0	224.0	163.0	73.0	56.0
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: P1460568
CATALOG NUMBER: PRV-PC1D-750-U-T4W

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6	3405.6
2.5°	3386.6	3363.6	3348.6	3323.6	3302.6	3277.6	3270.6	3248.6	3245.6	3239.6
5°	3370.6	3316.6	3264.6	3218.6	3185.6	3153.7	3136.7	3116.7	3104.7	3111.7
7.5°	3366.6	3284.6	3200.6	3139.7	3091.7	3043.7	3024.7	3014.7	3014.7	3024.7
10°	3373.6	3258.6	3153.7	3068.7	3008.7	2965.7	2945.7	2937.7	2949.7	2953.7
12.5°	3386.6	3246.6	3118.7	3015.7	2950.7	2905.7	2901.7	2907.7	2923.7	2930.7
15°	3394.6	3223.6	3073.7	2955.7	2898.7	2874.7	2870.7	2892.7	2926.7	2937.7
17.5°	3414.6	3197.6	3015.7	2903.7	2851.7	2848.7	2860.7	2883.7	2926.7	2934.7
20°	3413.6	3162.7	2958.7	2839.7	2814.7	2824.7	2847.7	2878.7	2922.7	2936.7
22.5°	3431.6	3120.7	2896.7	2775.7	2764.7	2798.7	2832.7	2862.7	2915.7	2931.7
25°	3456.6	3085.7	2823.7	2706.7	2710.7	2754.7	2804.7	2842.7	2894.7	2908.7
27.5°	3481.6	3052.7	2745.7	2621.7	2629.7	2692.7	2769.7	2811.7	2860.7	2885.7
30°	3512.6	3015.7	2663.7	2527.7	2538.7	2614.7	2701.7	2758.7	2813.7	2836.7
32.5°	3547.6	2984.7	2580.7	2427.7	2430.7	2527.7	2642.7	2706.7	2750.7	2777.7
35°	3592.6	2959.7	2499.7	2317.7	2318.7	2426.7	2566.7	2642.7	2681.7	2711.7
37.5°	3683.6	2953.7	2424.7	2213.8	2210.8	2339.7	2483.7	2570.7	2603.7	2628.7
40°	3785.6	2949.7	2345.7	2109.8	2110.8	2245.8	2397.7	2488.7	2512.7	2536.7
42.5°	3897.6	2939.7	2261.8	2012.8	2018.8	2157.8	2314.7	2402.7	2421.7	2441.7
45°	4010.6	2918.7	2163.8	1922.8	1927.8	2071.8	2221.8	2307.7	2322.7	2343.7
47.5°	4118.5	2875.7	2071.8	1836.8	1858.8	1981.8	2116.8	2187.8	2196.8	2220.8
50°	4218.5	2814.7	1976.8	1767.8	1779.8	1883.8	2001.8	2055.8	2061.8	2072.8
52.5°	4300.5	2725.7	1868.8	1693.8	1702.8	1782.8	1886.8	1932.8	1927.8	1933.8
55°	4329.5	2600.7	1767.8	1618.8	1617.8	1675.8	1771.8	1823.8	1816.8	1814.8
57°	*4307.5*	*2475.7*	*1689.8*	*1560.8*	*1556.8*	*1596.8*	*1677.8*	*1722.8*	*1729.8*	*1735.8*
57.5°	4286.5	2444.7	1665.8	1545.8	1540.8	1577.8	1655.8	1698.8	1709.8	1708.8
60°	4124.5	2247.8	1562.8	1479.8	1458.8	1483.8	1548.8	1582.8	1582.8	1590.8
62.5°	3830.6	2027.8	1473.8	1402.8	1363.9	1392.8	1445.8	1471.8	1453.8	1458.8
65°	3413.6	1803.8	1384.8	1318.9	1268.9	1304.9	1356.9	1389.8	1373.8	1370.8
67.5°	2934.7	1596.8	1289.9	1221.9	1185.9	1221.9	1287.9	1354.9	1355.9	1354.9
70°	2431.7	1415.8	1187.9	1121.9	1090.9	1135.9	1228.9	1328.9	1334.9	1329.9
72.5°	1964.8	1258.9	1079.9	1019.9	994.9	1053.9	1163.9	1279.9	1287.9	1290.9
75°	1551.8	1115.9	957.9	913.9	900.9	961.9	1084.9	1206.9	1190.9	1200.9
77.5°	1108.9	945.9	828.9	798.9	792.9	838.9	958.9	1040.9	1017.9	1016.9
80°	791.9	777.9	695.9	678.9	667.9	700.9	788.9	863.9	840.9	822.9
82.5°	611.9	609.9	569.9	516.9	505.9	566.9	641.9	672.9	488.9	493.9
85°	369.0	385.0	340.0	343.0	369.0	406.0	447.0	466.9	234.0	185.0
87.5°	86.0	89.0	106.0	129.0	134.0	157.0	215.0	258.0	104.0	85.0
90°	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

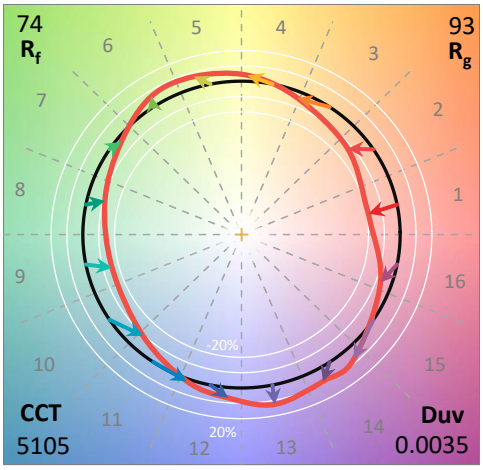
Test Information

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

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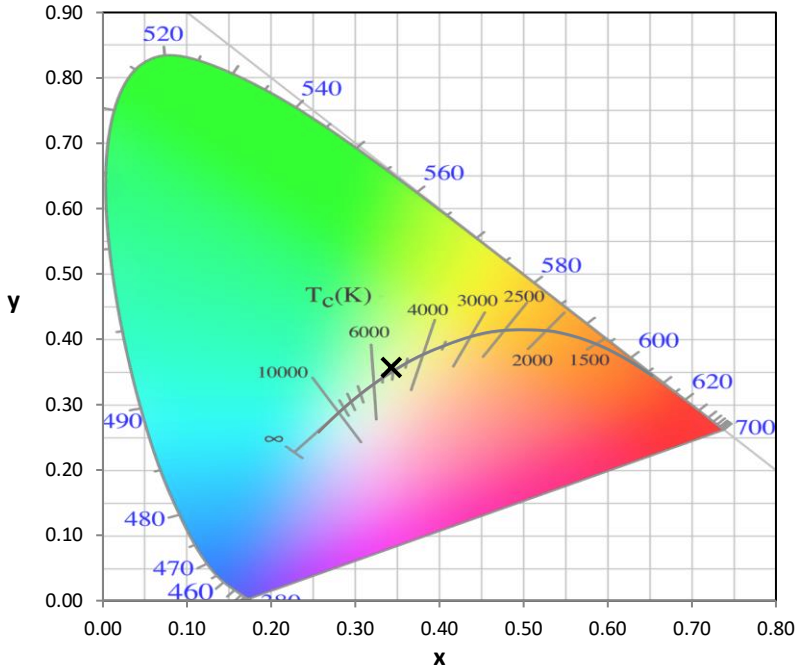
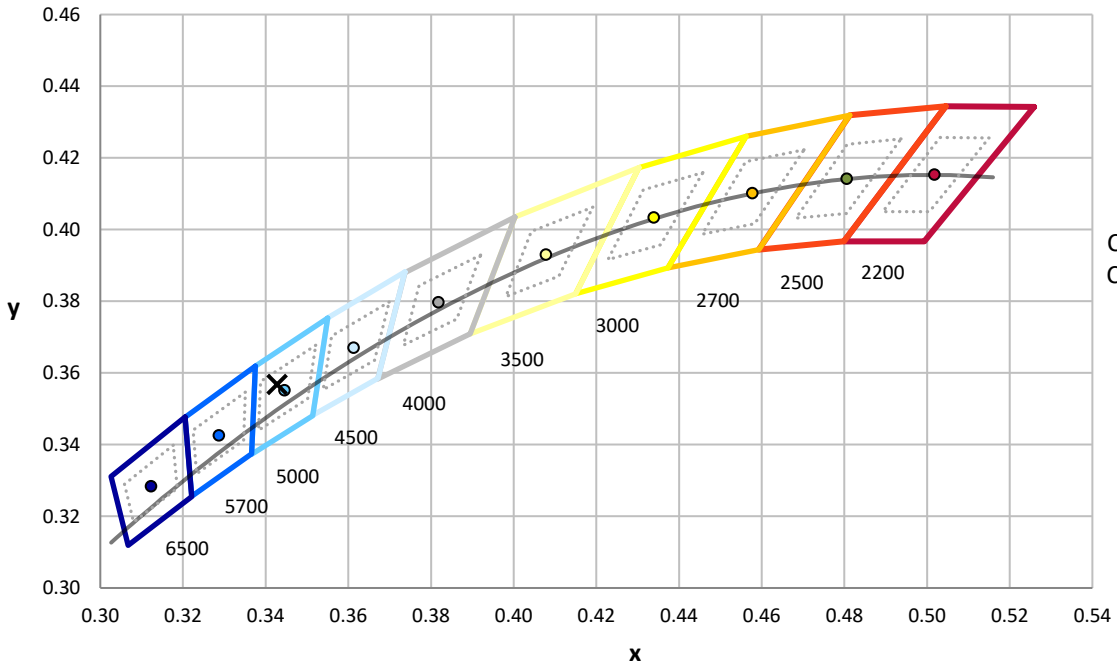
CIE 1931 Chromaticity Diagram



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

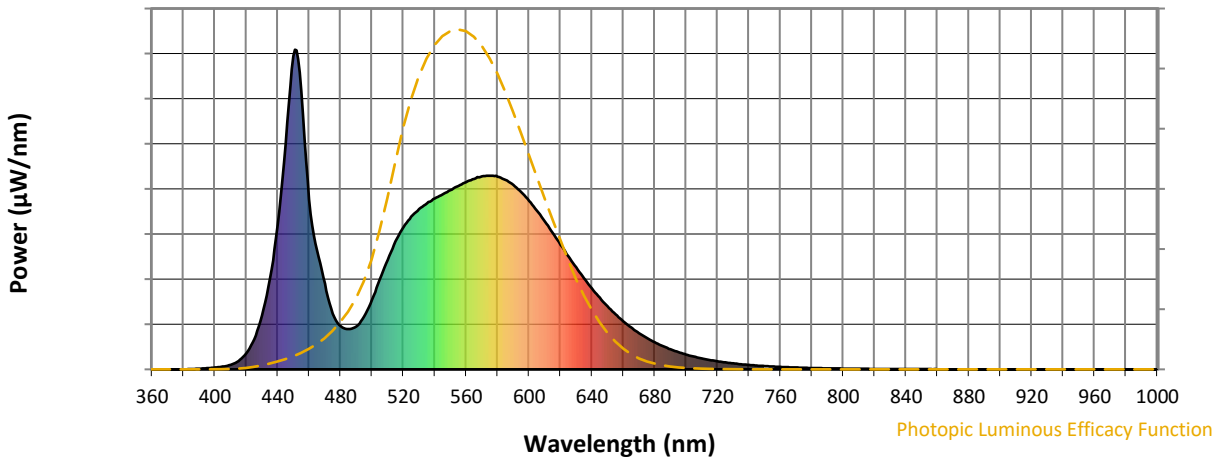


CCT = 5105K
CIE x = 0.3428
CIE y = 0.3567
Duv = 0.0035

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			

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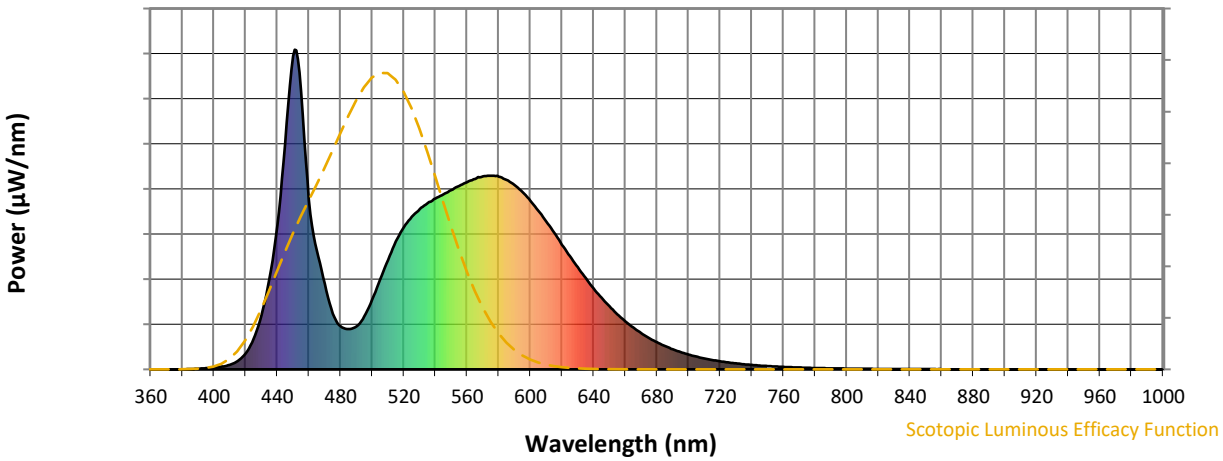
Scotopic Flux vs. Wavelength



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			

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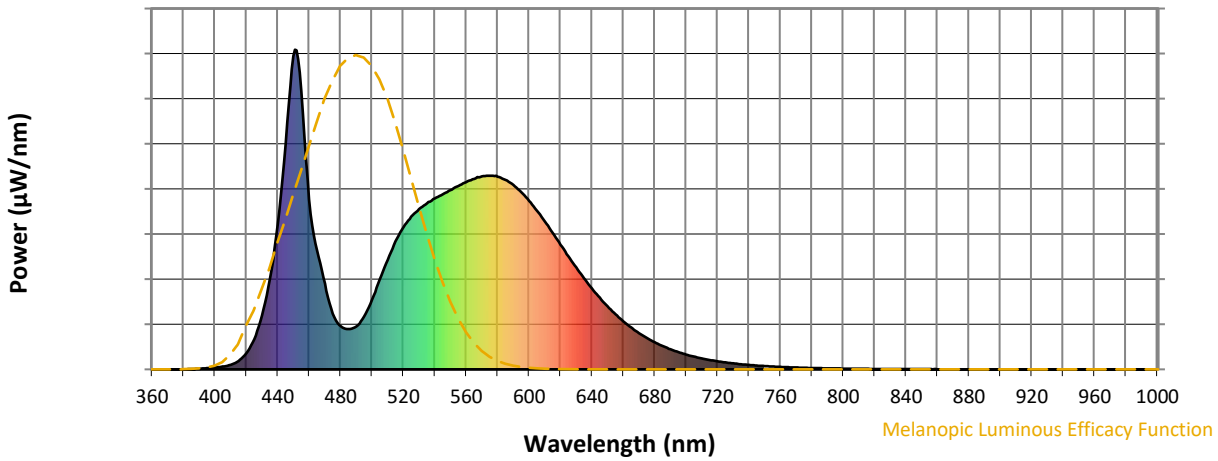
Melanopic Flux vs. Wavelength



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			

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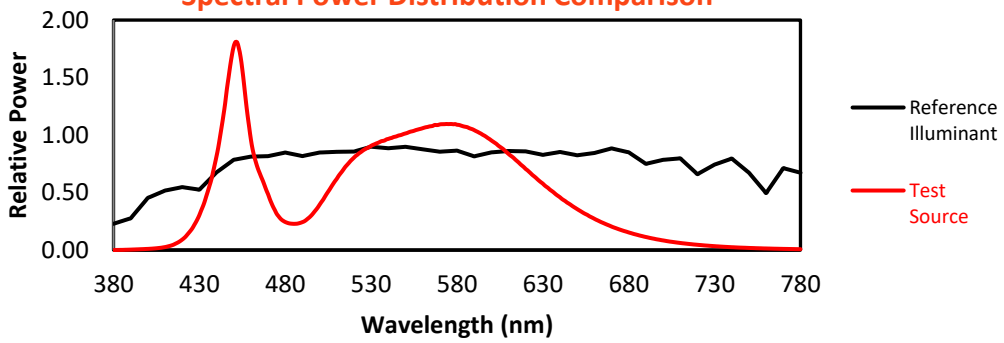
TM-30-18

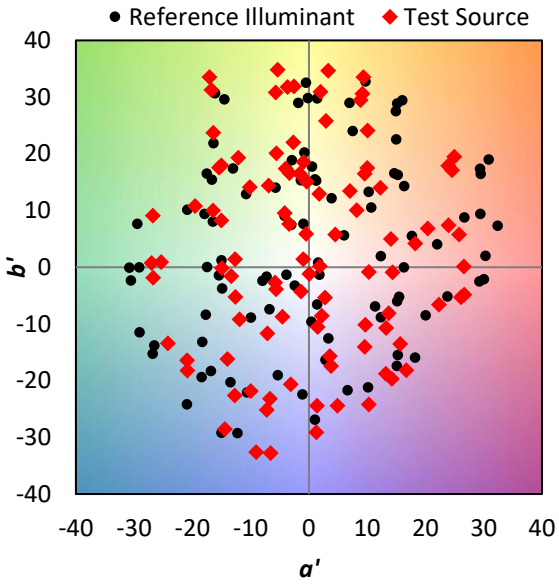
Summary

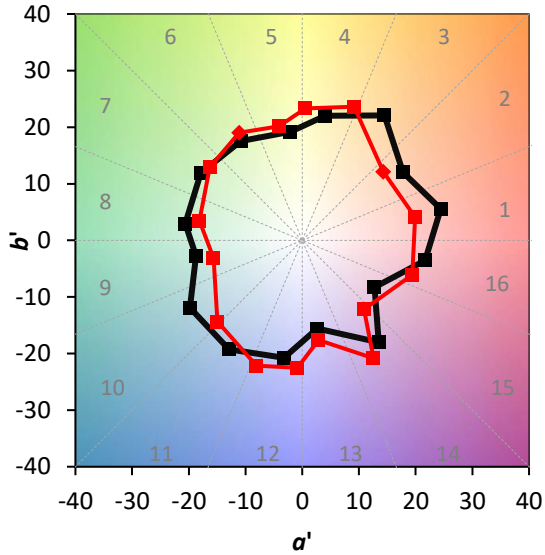
R_f = 74.2
R_g = 92.7
CIE R_a = 72.2
R_9 = -38.2

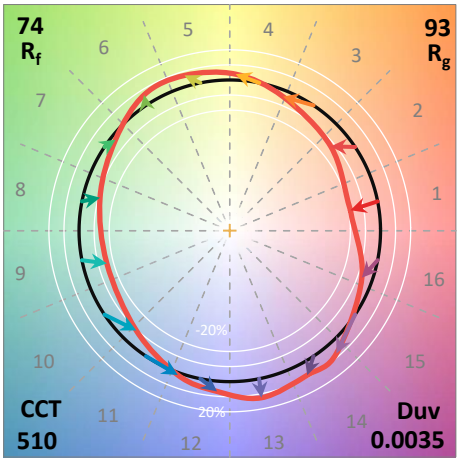
Spectral Power Distribution Comparison

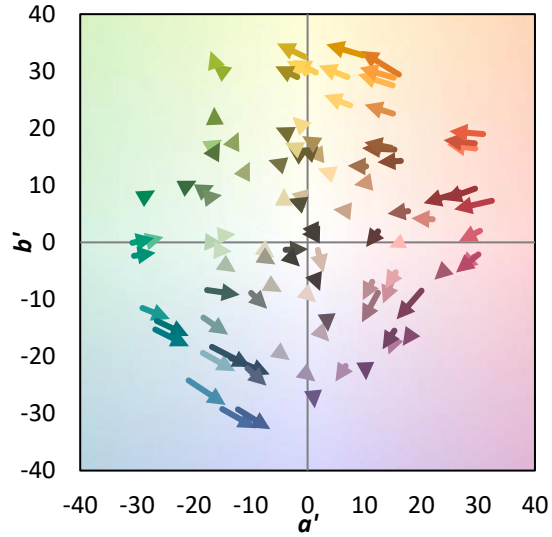


Color Vector Graphics



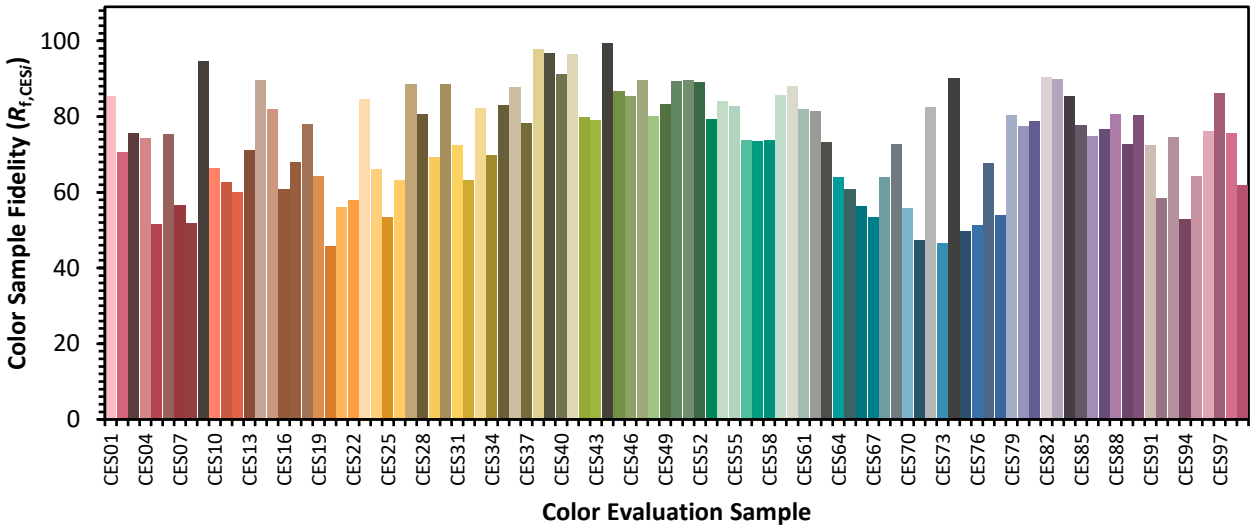




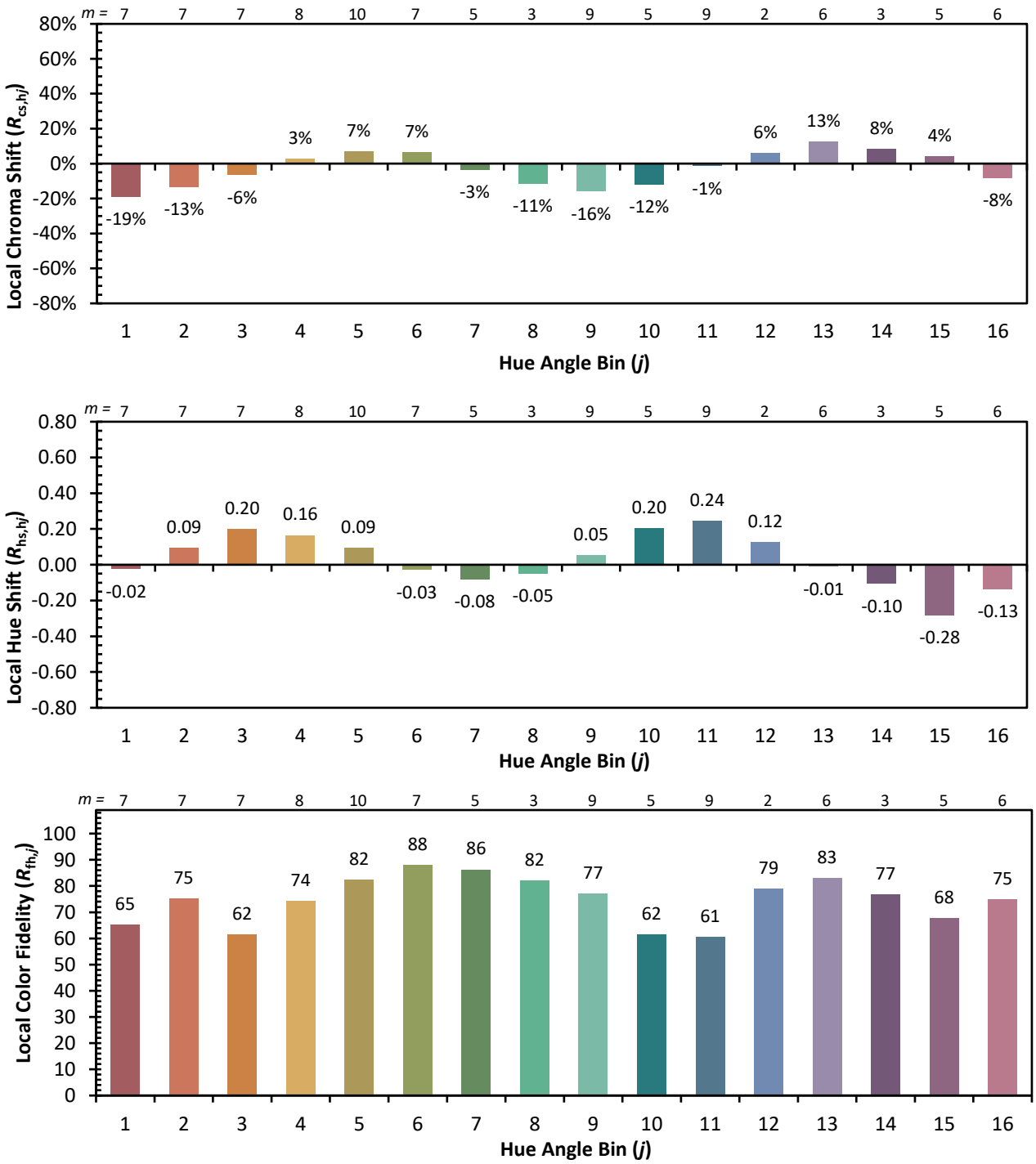


Individual Sample Fidelity Index ($R_{f,i}$)

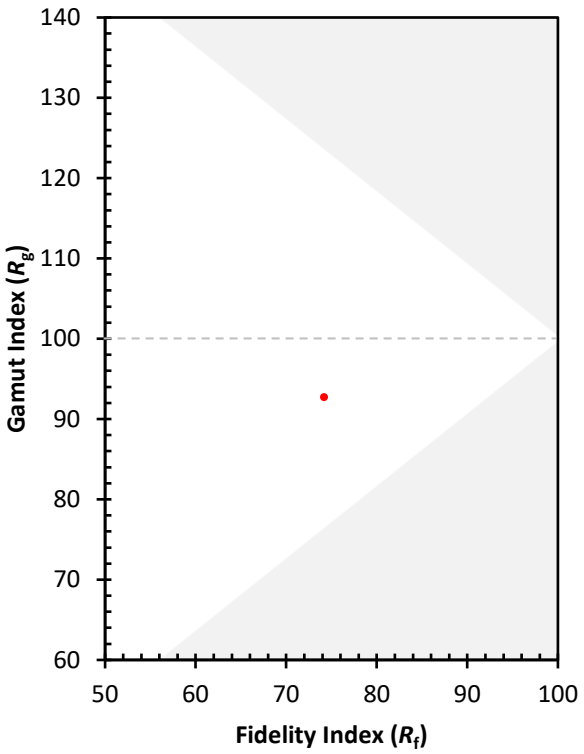
CES01 = 85	CES26 = 63	CES51 = 89	CES76 = 51
CES02 = 59	CES27 = 89	CES52 = 89	CES77 = 68
CES03 = 30	CES28 = 81	CES53 = 79	CES78 = 54
CES04 = 69	CES29 = 69	CES54 = 84	CES79 = 80
CES05 = 46	CES30 = 88	CES55 = 83	CES80 = 77
CES06 = 50	CES31 = 72	CES56 = 74	CES81 = 79
CES07 = 38	CES32 = 63	CES57 = 73	CES82 = 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	

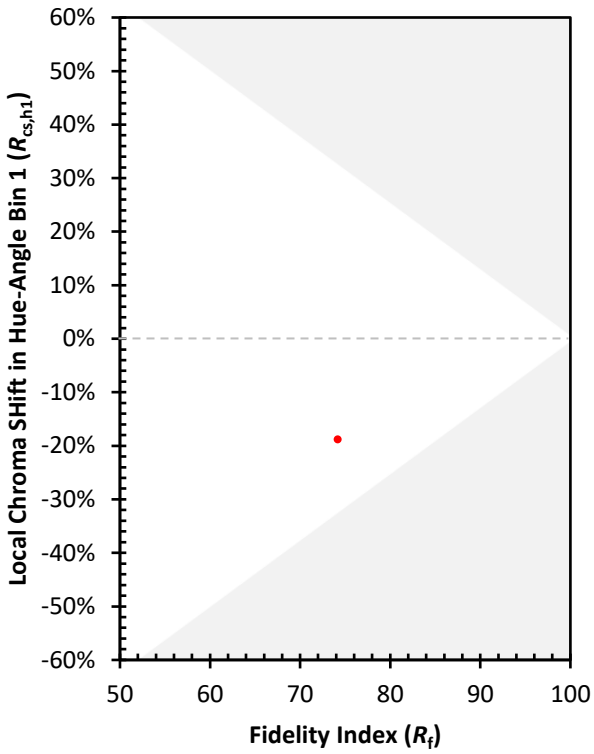


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)