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: P1460964

Luminaire Tested: PRV-PC1D-740-U-T3RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460964
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1D-740-U-T3RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 1170MA 70CRI 4000K FIXTURE w/ TYPE III ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21195.6 lumens
Efficiency:	N/A
Efficacy:	139.4 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type III - 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: P1460964
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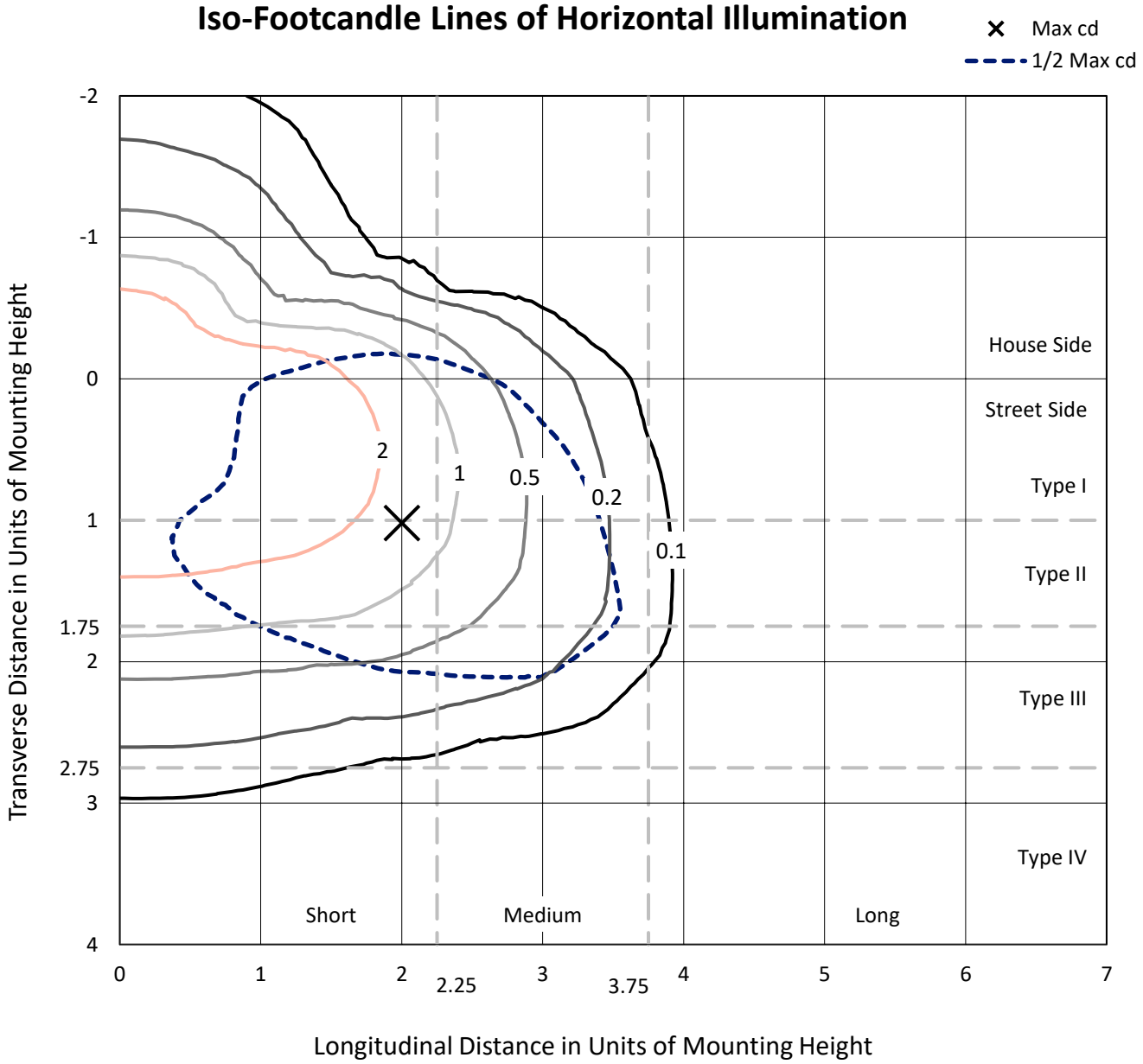
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 5 fc
Type III - Short - N/A

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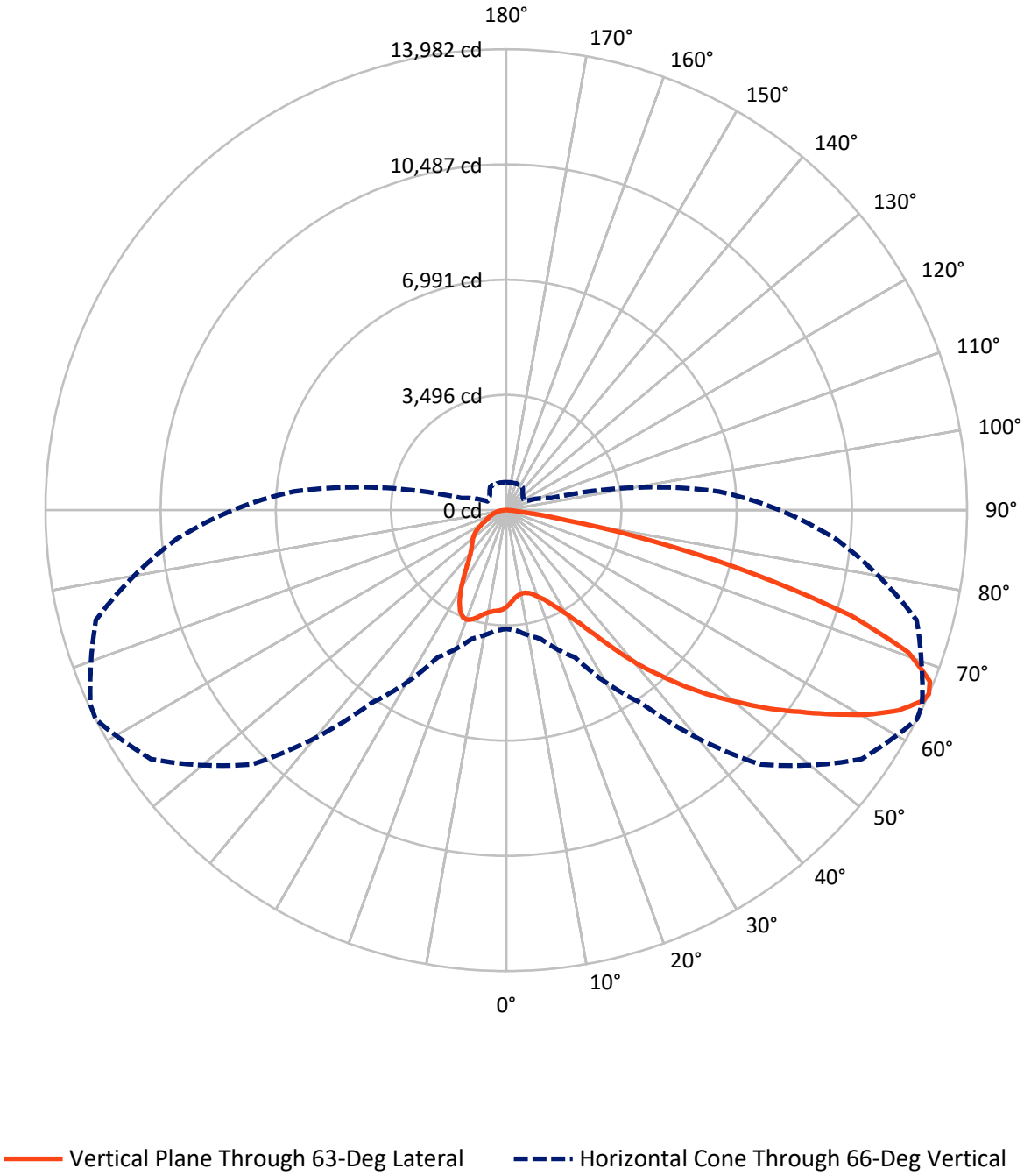
CATALOG NUMBER: PRV-PC1D-740-U-T3RE

Luminous Intensity Polar Plot



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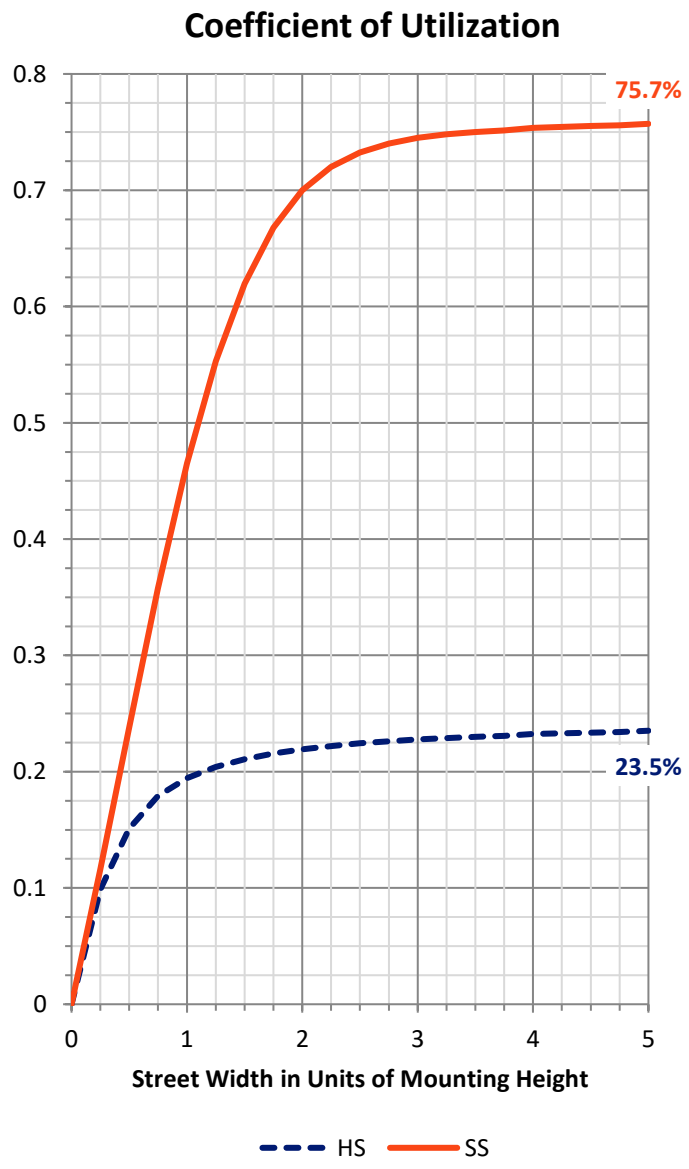
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5070.1	0.0	5070.1
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	16125.5	0.0	16125.5
	% Fixture	76.1	0.0	76.1
Total	Lumens	21195.6	0.0	21195.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	271.7	1.3
10°-20°	851.0	4.0
20°-30°	1516.1	7.2
30°-40°	2387.1	11.3
40°-50°	3584.6	16.9
50°-60°	4812.3	22.7
60°-70°	5163.6	24.4
70°-80°	2323.2	11.0
80°-90°	286.1	1.3
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°	21195.6	100.0
0°-180°	21195.6	100.0



REPORT NUMBER: P1460964
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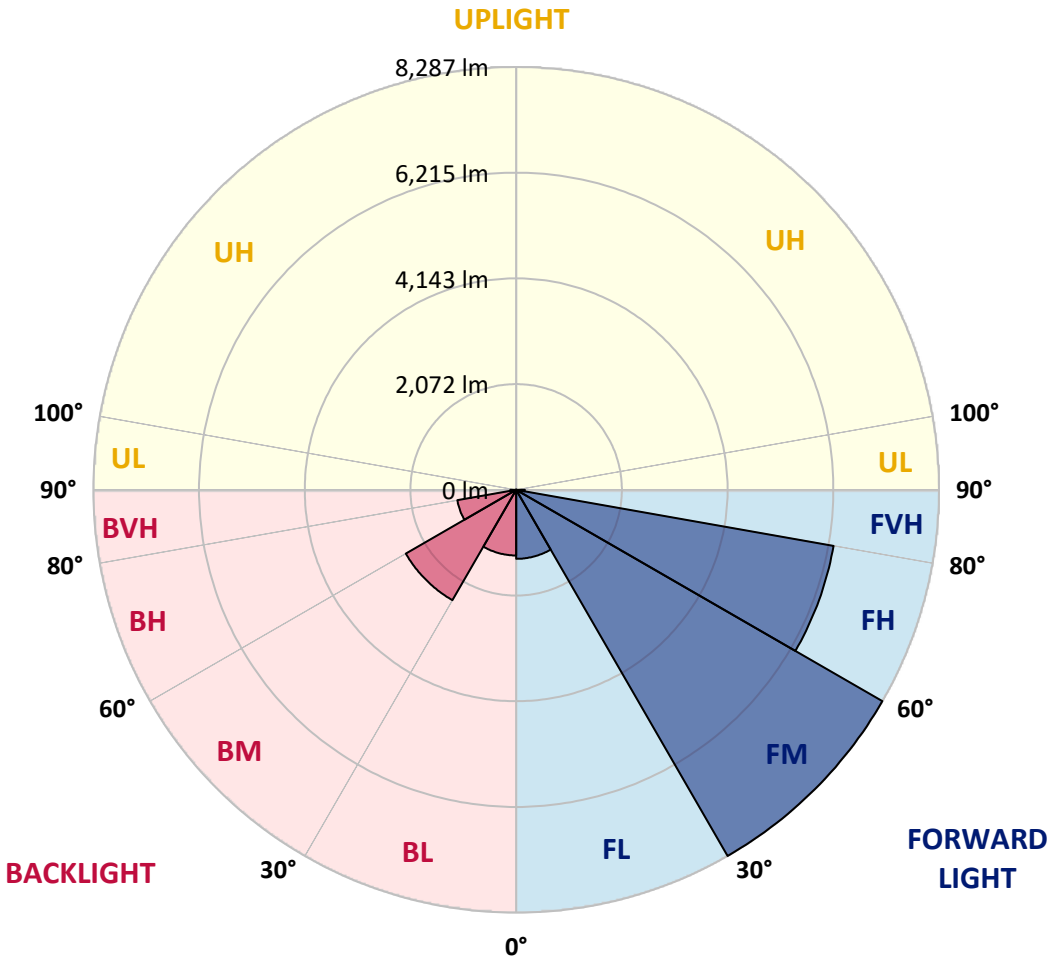
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1352.4	6.4			
FM	(30°-60°)	8286.6	39.1			
FH	(60°-80°)	6316.3	29.8			G3/7500
FVH	(80°-90°)	170.3	0.8			G2/225
BL	(0°-30°)	1286.3	6.1	B3/2500		
BM	(30°-60°)	2497.4	11.8	B2/2500		
BH	(60°-80°)	1170.5	5.5	B3/2500		G3/2500
BVH	(80°-90°)	115.8	0.5			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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	2922.1	2922.1	2922.1	2922.1	2922.1	2922.1	2922.1	*2922.1*	2922.1	2922.1	2922.1
2.5°	2620.0	2626.0	2635.0	2648.0	2669.0	2708.1	2759.1	*2802.1*	2811.1	2865.1	2902.1
5°	2414.9	2421.9	2428.9	2447.0	2484.0	2529.0	2606.0	*2684.0*	2705.1	2817.1	2916.1
7.5°	2366.9	2368.9	2371.9	2376.9	2398.9	2435.9	2514.0	*2609.0*	2631.0	2790.1	2951.1
10°	2422.9	2423.9	2422.9	2416.9	2411.9	2425.9	2479.0	*2567.0*	2598.0	2790.1	3010.2
12.5°	2538.0	2548.0	2540.0	2519.0	2490.0	2481.0	2506.0	*2572.0*	2601.0	2822.1	3094.2
15°	2700.0	2710.1	2691.0	2660.0	2617.0	2579.0	2572.0	*2615.0*	2640.0	2871.1	3208.2
17.5°	2898.1	2894.1	2872.1	2830.1	2771.1	2710.1	2675.0	*2692.0*	2711.1	2945.1	3333.3
20°	3136.2	3151.2	3105.2	3043.2	2974.2	2881.1	2804.1	*2811.1*	2817.1	3043.2	3483.4
22.5°	3529.4	3547.4	3460.3	3342.3	3214.2	3087.2	2989.2	*2939.1*	2957.1	3156.2	3638.4
25°	3918.5	3921.5	3857.5	3742.5	3552.4	3349.3	3201.2	*3142.2*	3139.2	3321.3	3850.5
27.5°	4326.7	4299.7	4226.6	4102.6	3923.5	3689.4	3465.3	*3376.3*	3367.3	3552.4	4086.6
30°	4702.8	4688.8	4616.8	4484.7	4278.7	4057.6	3797.5	*3684.4*	3674.4	3892.5	4421.7
32.5°	5052.0	5056.0	4987.9	4848.9	4681.8	4455.7	4196.6	*4089.6*	4077.6	4382.7	4843.9
35°	5330.1	5321.1	5280.1	5225.0	5090.0	4889.9	4651.8	*4649.8*	4677.8	5075.0	5387.1
37.5°	5603.2	5597.2	5533.1	5499.1	5509.1	5333.1	5236.0	*5348.1*	5407.1	5820.3	6004.3
40°	6053.4	6020.3	5938.3	5839.3	5851.3	5769.2	5805.3	*6133.4*	6240.4	6653.6	6653.6
42.5°	6391.5	6378.5	6364.5	6326.5	6273.4	6207.4	6415.5	*6852.7*	6956.7	7375.9	7214.8
45°	6518.5	6536.5	6622.6	6775.6	6765.6	6671.6	7078.7	*7638.0*	7731.0	8110.1	7776.0
47.5°	6628.6	6648.6	6753.6	7068.7	7233.8	7251.8	7796.0	*8404.3*	8513.3	8883.4	8295.2
50°	6627.6	6669.6	6878.7	7236.8	7549.9	7822.0	8559.3	*9177.6*	9287.6	9606.7	8746.4
52.5°	6485.5	6514.5	6869.7	7373.9	7799.0	8403.3	9352.6	*9997.9*	10047.9	10292.0	9139.5
55°	6327.5	6352.5	6722.6	7404.9	8061.1	9043.5	10175.0	*10801.2*	10880.2	10995.3	9538.7
57.5°	6143.4	6183.4	6551.5	7310.8	8282.2	9674.8	11017.3	*11674.5*	11712.5	11673.5	9979.9
60°	5921.3	5937.3	6293.4	7069.7	8408.3	10327.0	11834.6	*12592.9*	12600.9	12348.8	10341.0
62.5°	5133.0	5150.0	5569.2	6568.6	8318.2	10824.2	12544.9	*13371.2*	13355.2	12859.0	10511.1
65°	3939.5	4010.6	4433.7	5469.1	7629.0	11042.3	13097.1	*13915.4*	13857.4	12981.0	10278.0
66°	*3596.4*	*3668.4*	*4037.6*	*4923.9*	*7141.8*	*10904.2*	*13166.1*	*13982.4*	*13926.4*	*12892.0*	*10040.9*
67.5°	3218.2	3231.3	3531.4	4204.6	6123.4	10264.0	12935.0	*13866.4*	13803.4	12498.9	9480.7
70°	2344.9	2406.9	2675.0	3189.2	4319.7	8237.2	11667.5	*12949.0*	12857.0	11146.3	8061.1
72.5°	1539.6	1564.6	1682.7	1914.7	2751.1	5539.2	9632.7	*10937.2*	11021.3	8895.5	6002.3
75°	1073.4	1059.4	1009.4	1032.4	1375.5	2702.0	6743.6	*7809.0*	7916.1	5757.2	3549.4
77.5°	883.3	865.3	783.3	687.3	704.3	1005.4	3570.4	*4615.8*	4531.8	2822.1	1602.6
80°	762.3	745.3	657.3	571.2	519.2	480.2	1124.4	*1879.7*	1741.7	947.4	555.2
82.5°	609.2	600.2	561.2	480.2	421.2	347.1	351.1	*489.2*	523.2	353.1	244.1
85°	370.1	366.1	369.1	380.1	300.1	254.1	209.1	*220.1*	214.1	177.1	152.1
87.5°	191.1	177.1	190.1	227.1	178.1	117.0	88.0	*91.0*	96.0	91.0	78.0
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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CATALOG NUMBER: PRV-PC1D-740-U-T3RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2922.1	2922.1	2922.1	2922.1	2922.1	2922.1	2922.1	2922.1	2922.1	2922.1	2922.1
2.5°	2927.1	2949.1	2984.2	3007.2	3022.2	3031.2	3030.2	3029.2	3026.2	3019.2	3023.2
5°	2959.1	2997.2	3042.2	3056.2	3053.2	3048.2	3040.2	3038.2	3041.2	3035.2	3035.2
7.5°	3013.2	3055.2	3097.2	3089.2	3075.2	3090.2	3114.2	3147.2	3167.2	3179.2	3195.2
10°	3085.2	3142.2	3156.2	3132.2	3148.2	3207.2	3261.3	3298.3	3320.3	3331.3	3342.3
12.5°	3193.2	3242.3	3215.2	3204.2	3274.3	3348.3	3363.3	3336.3	3307.3	3290.3	3291.3
15°	3313.3	3345.3	3290.3	3322.3	3409.3	3402.3	3298.3	3187.2	3107.2	3073.2	3077.2
17.5°	3441.3	3447.3	3375.3	3452.3	3460.3	3299.3	3091.2	2935.1	2883.1	2864.1	2866.1
20°	3591.4	3564.4	3489.4	3564.4	3395.3	3074.2	2847.1	2754.1	2731.1	2740.1	2742.1
22.5°	3725.4	3663.4	3609.4	3589.4	3185.2	2810.1	2664.0	2630.0	2637.0	2653.0	2670.0
25°	3886.5	3774.5	3724.4	3485.4	2909.1	2602.0	2538.0	2542.0	2543.0	2557.0	2570.0
27.5°	4065.6	3901.5	3802.5	3244.3	2616.0	2453.0	2434.9	2437.9	2427.9	2427.9	2439.9
30°	4280.7	4053.6	3815.5	2918.1	2350.9	2318.9	2317.9	2296.9	2255.9	2245.9	2252.9
32.5°	4579.8	4280.7	3758.5	2533.0	2160.8	2188.8	2177.8	2122.8	2066.8	2053.8	2068.8
35°	5021.9	4611.8	3645.4	2178.8	1995.8	2047.8	2034.8	1962.8	1879.7	1847.7	1851.7
37.5°	5475.1	5020.9	3502.4	1886.7	1846.7	1920.7	1890.7	1794.7	1706.7	1647.6	1655.6
40°	5950.3	5434.1	3334.3	1698.7	1717.7	1785.7	1759.7	1641.6	1527.6	1475.6	1499.6
42.5°	6417.5	5829.3	3154.2	1575.6	1595.6	1663.6	1636.6	1512.6	1427.6	1372.5	1381.5
45°	6836.7	6142.4	2991.2	1483.6	1490.6	1543.6	1503.6	1432.6	1346.5	1299.5	1296.5
47.5°	7210.8	6375.5	2889.1	1409.5	1386.5	1402.5	1396.5	1346.5	1282.5	1238.5	1234.5
50°	7531.9	6551.5	2871.1	1342.5	1274.5	1245.5	1272.5	1257.5	1207.5	1175.5	1172.5
52.5°	7791.0	6712.6	2949.1	1274.5	1133.4	1119.4	1159.5	1163.5	1125.4	1111.4	1112.4
55°	8104.1	6911.7	3107.2	1179.5	1008.4	1010.4	1063.4	1067.4	1045.4	1047.4	1051.4
57.5°	8446.3	7136.8	3238.3	1055.4	893.3	909.4	980.4	987.4	966.4	974.4	977.4
60°	8735.4	7340.9	3084.2	901.3	790.3	831.3	922.4	918.4	906.4	926.4	931.4
62.5°	8819.4	7288.8	2531.0	767.3	709.3	770.3	881.3	882.3	905.4	940.4	946.4
65°	8522.3	6790.6	1725.7	668.3	644.3	717.3	857.3	892.3	882.3	877.3	883.3
66°	*8300.2*	*6478.5*	*1409.5*	*634.2*	*620.2*	*702.3*	*851.3*	*865.3*	*847.3*	*846.3*	*846.3*
67.5°	7799.0	5830.3	1029.4	590.2	593.2	678.3	815.3	803.3	820.3	836.3	842.3
70°	6612.6	4452.7	651.3	522.2	546.2	615.2	728.3	775.3	806.3	825.3	838.3
72.5°	4900.9	2874.1	464.2	461.2	496.2	552.2	669.3	738.3	764.3	845.3	868.3
75°	3003.2	1597.6	390.2	410.2	425.2	501.2	605.2	697.3	691.3	715.3	721.3
77.5°	1297.5	718.3	333.1	355.1	363.1	424.2	539.2	633.2	632.2	658.3	669.3
80°	444.2	326.1	285.1	289.1	315.1	358.1	460.2	549.2	550.2	561.2	549.2
82.5°	236.1	222.1	229.1	237.1	269.1	292.1	380.1	475.2	438.2	311.1	306.1
85°	149.1	133.1	151.1	178.1	197.1	212.1	290.1	358.1	312.1	137.1	122.0
87.5°	60.0	60.0	70.0	94.0	85.0	92.0	155.1	203.1	166.1	55.0	29.0
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: SP2-2501-321-1

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-740-U-T4W

Data in this report applies to families of products including GKO-PB1E-740-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

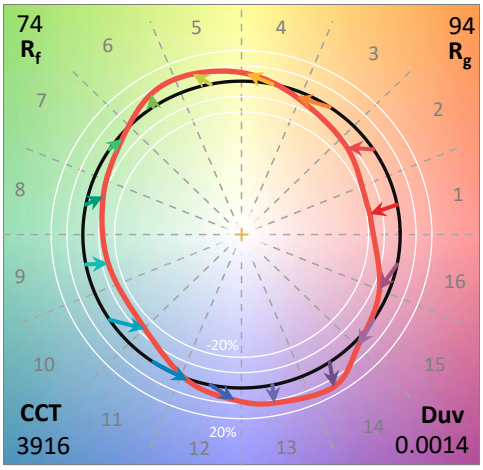
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-1
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-740-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3916	CRI (Ra):		71.0			
CIE u':	0.2259	R1:		67.4	R9:		-37.9
CIE v':	0.5049	R2:		78.3	R10:		48.9
Duv:	0.0014	R3:		87.2	R11:		64.6
CIE x:	0.3853	R4:		69.5	R12:		40.9
CIE y:	0.3827	R5:		67.2	R13:		69.2
CIE z:	0.2321	R6:		69.3	R14:		92.7
Peak Wavelength (nm):	449	R7:		79.9	R15:		59.8
Dominant Wavelength (nm):	578	R8:		48.9			
Purity:	30.46652						

Rf:	73.5
Rg:	93.5



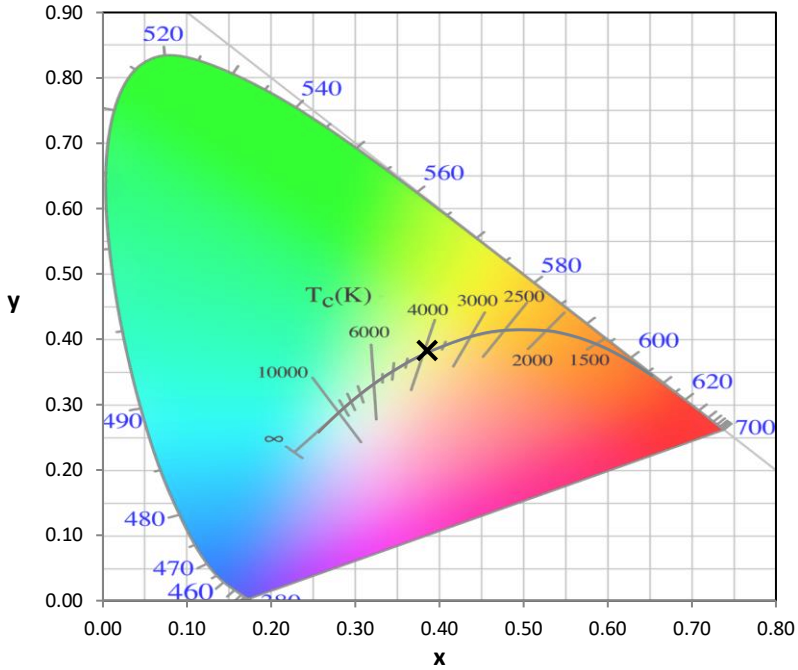
Test Conditions

Stabilization Time:	33M
Operation Time:	1H 33M
Sphere Temperature (°C):	25.0

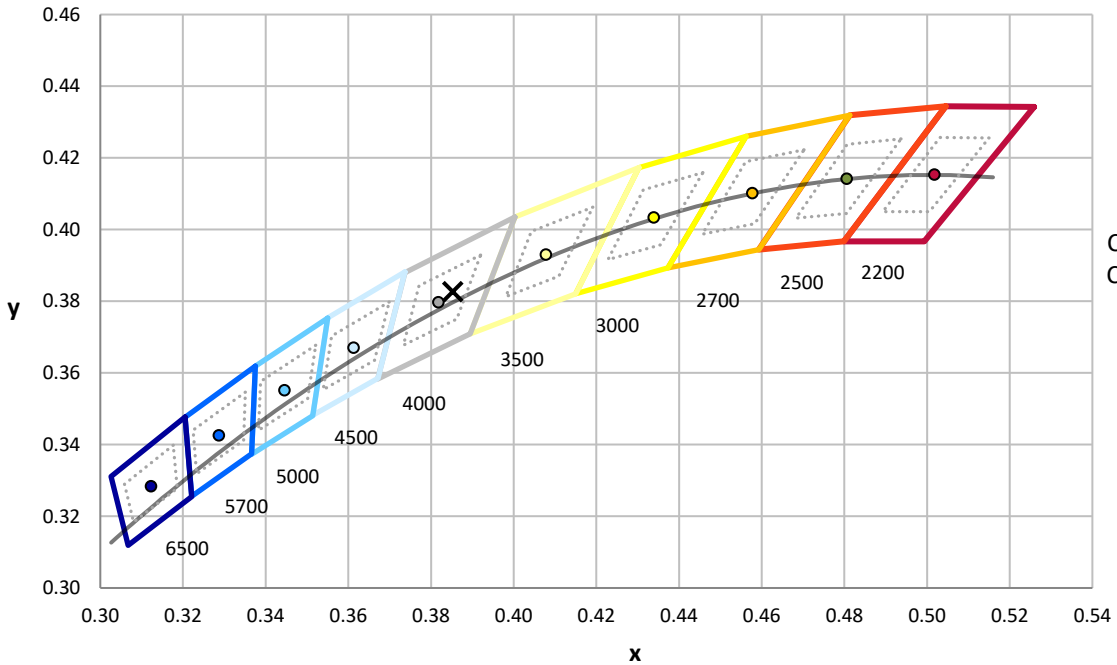
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-1

CIE 1931 Chromaticity Diagram



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

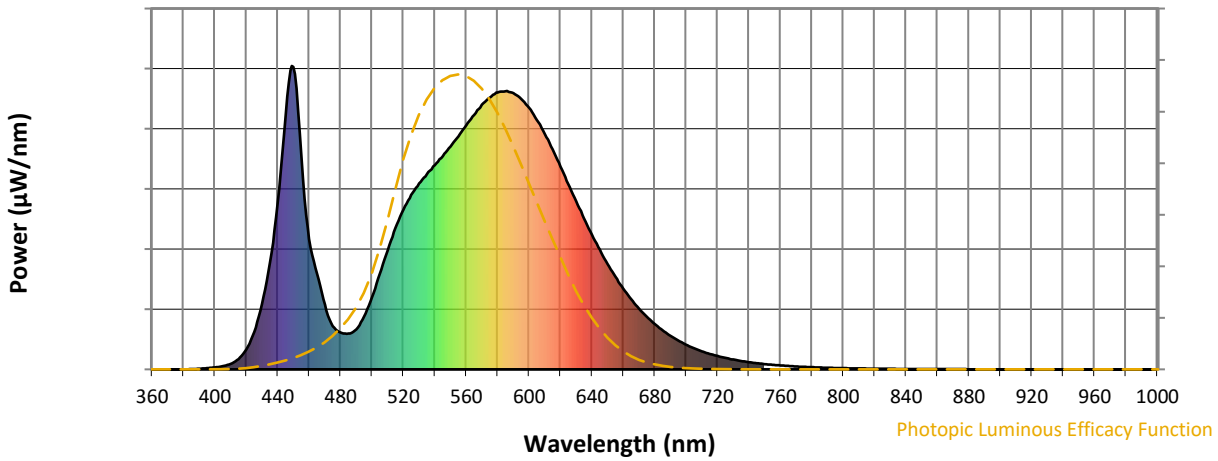


CCT = 3916K
CIE x = 0.3853
CIE y = 0.3827
Duv = 0.0014

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-1

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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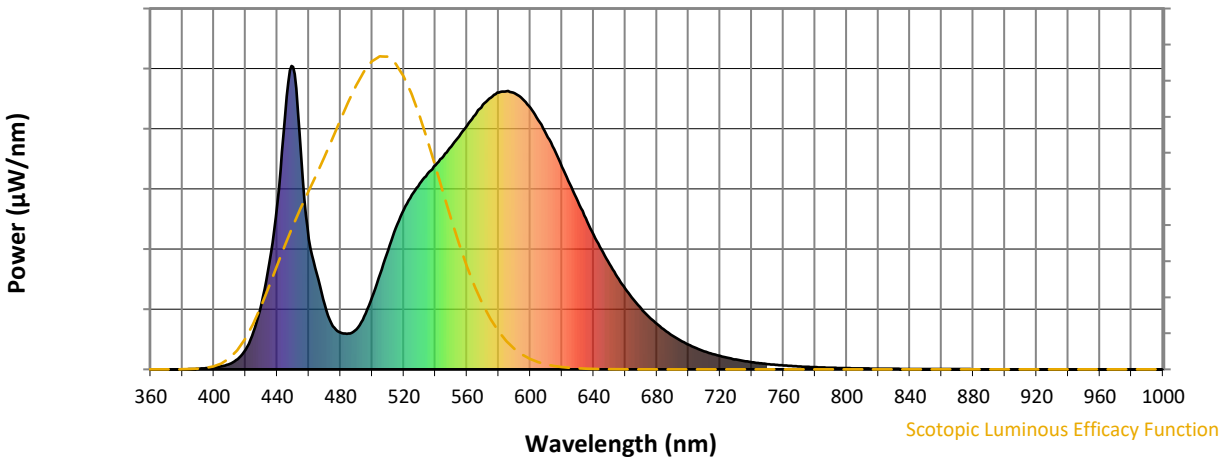
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.49**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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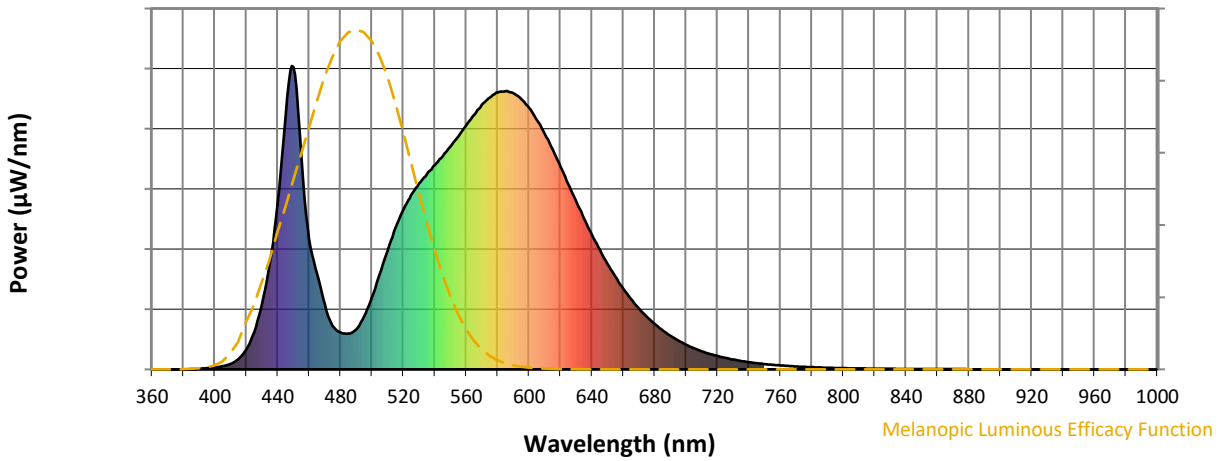
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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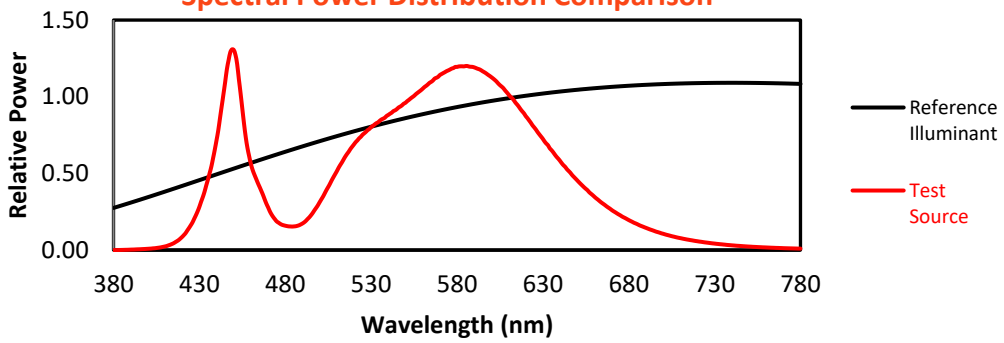
TM-30-18

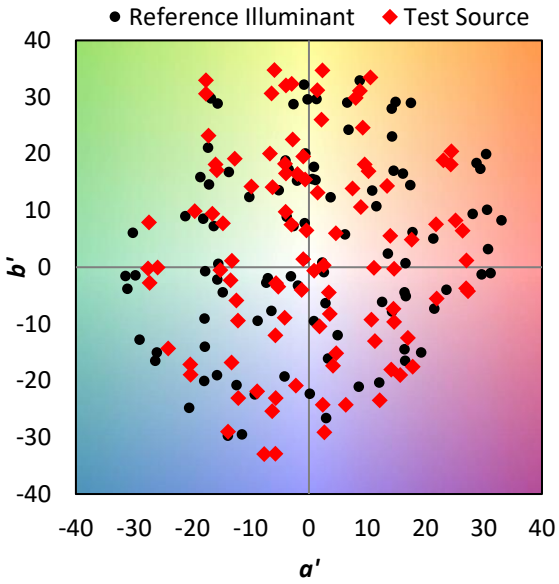
Summary

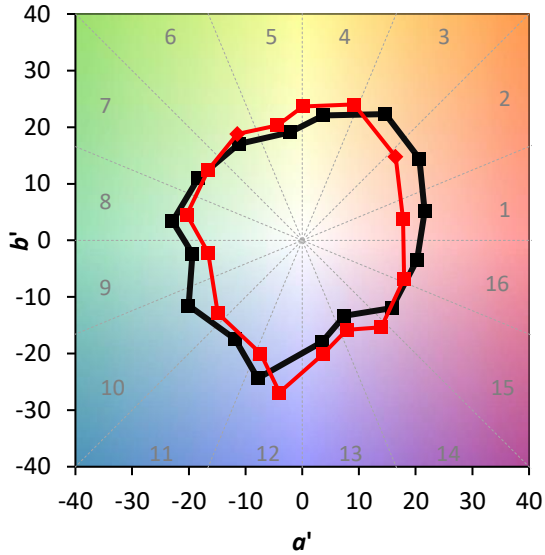
R_f = 73.5
R_g = 93.5
CIE R_a = 71.0
R_9 = -37.9

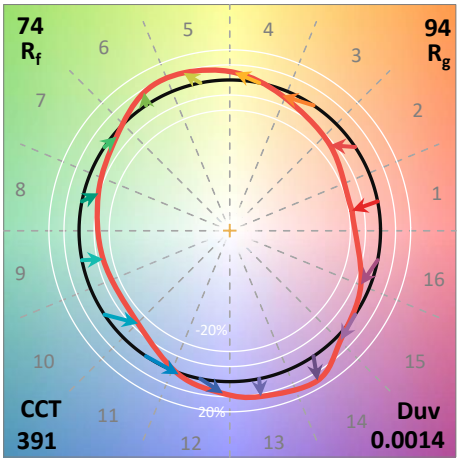
Spectral Power Distribution Comparison

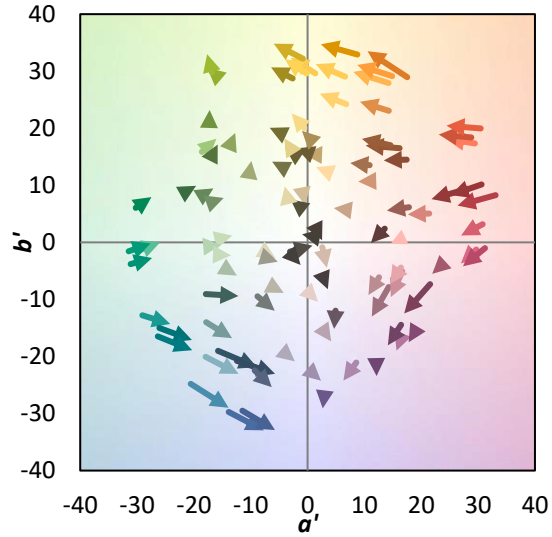


Color Vector Graphics



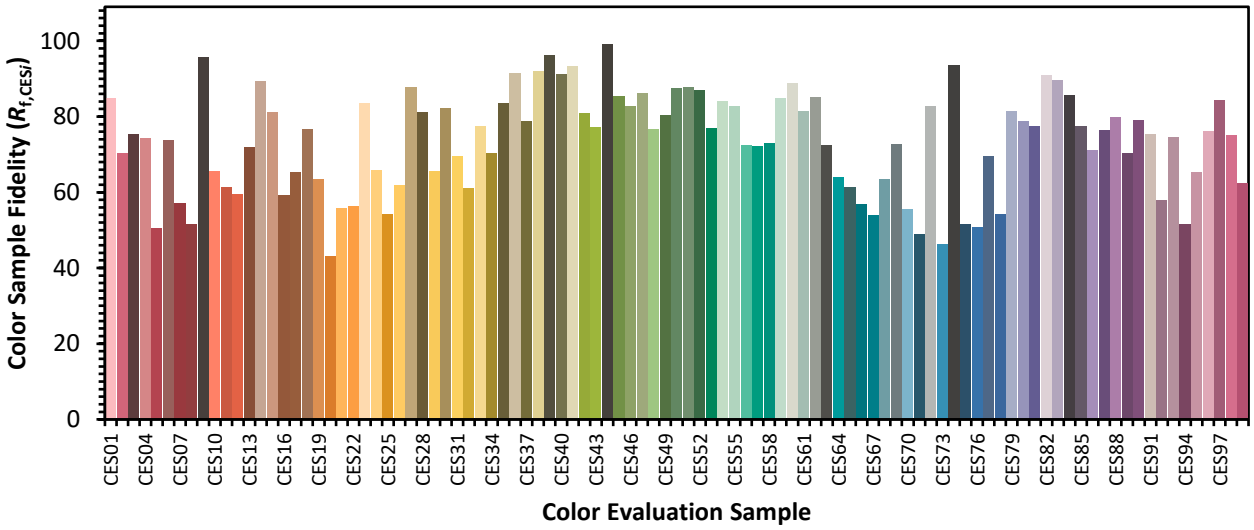




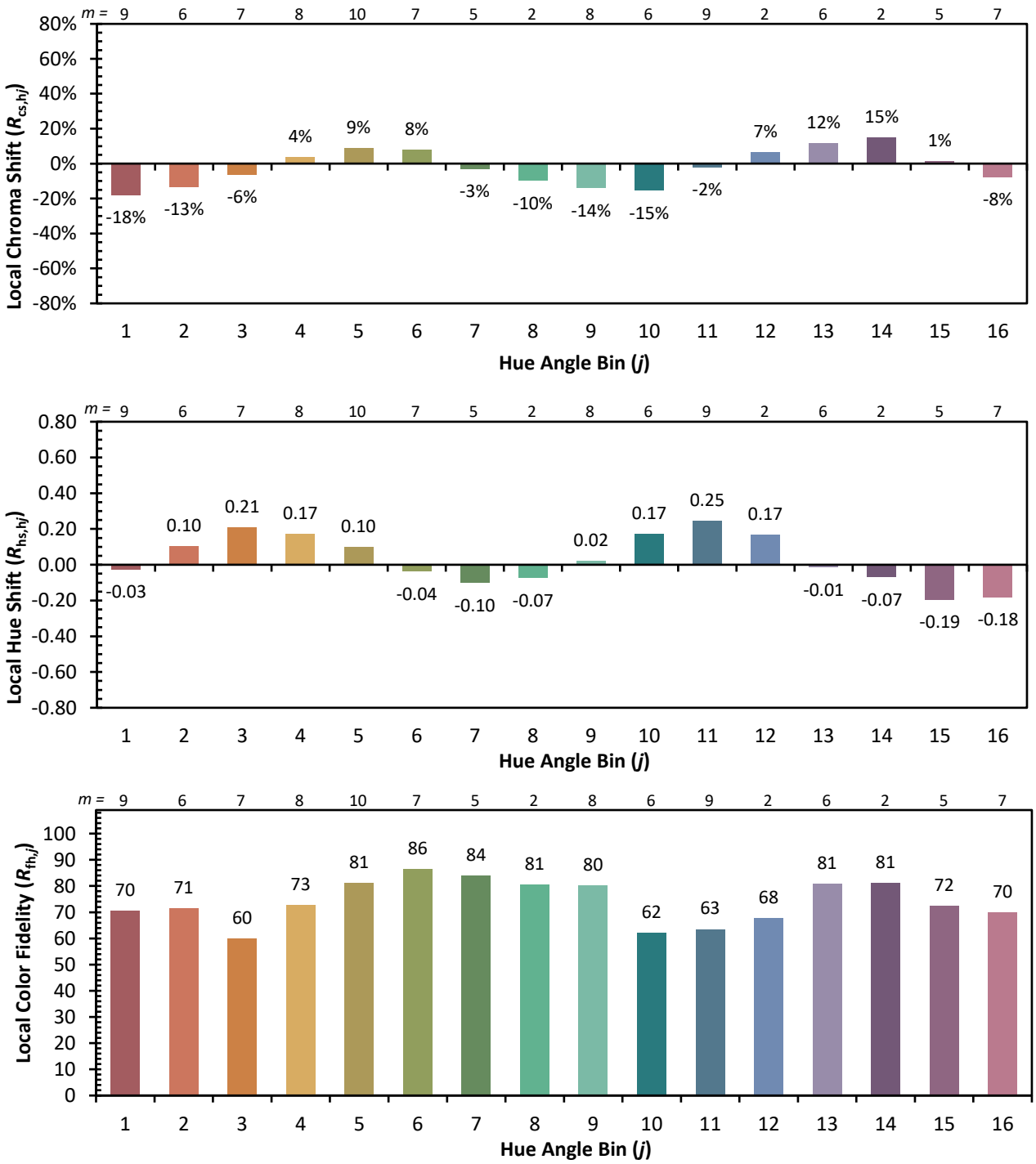


Individual Sample Fidelity Index ($R_{f,i}$)

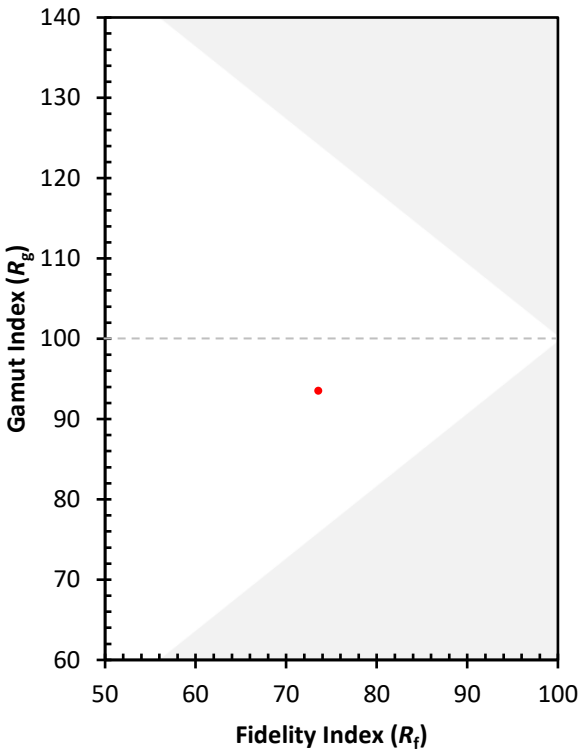
CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 91
CES08 = 39	CES33 = 77	CES58 = 73	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 85	CES84 = 86
CES10 = 74	CES35 = 84	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 91	CES61 = 81	CES86 = 71
CES12 = 63	CES37 = 79	CES62 = 85	CES87 = 76
CES13 = 42	CES38 = 92	CES63 = 72	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 64	CES89 = 70
CES15 = 71	CES40 = 91	CES65 = 61	CES90 = 79
CES16 = 46	CES41 = 93	CES66 = 57	CES91 = 75
CES17 = 49	CES42 = 81	CES67 = 54	CES92 = 58
CES18 = 56	CES43 = 77	CES68 = 63	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 73	CES94 = 52
CES20 = 65	CES45 = 85	CES70 = 56	CES95 = 65
CES21 = 86	CES46 = 83	CES71 = 49	CES96 = 76
CES22 = 78	CES47 = 86	CES72 = 83	CES97 = 84
CES23 = 92	CES48 = 77	CES73 = 46	CES98 = 75
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 62
CES25 = 72	CES50 = 87	CES75 = 52	

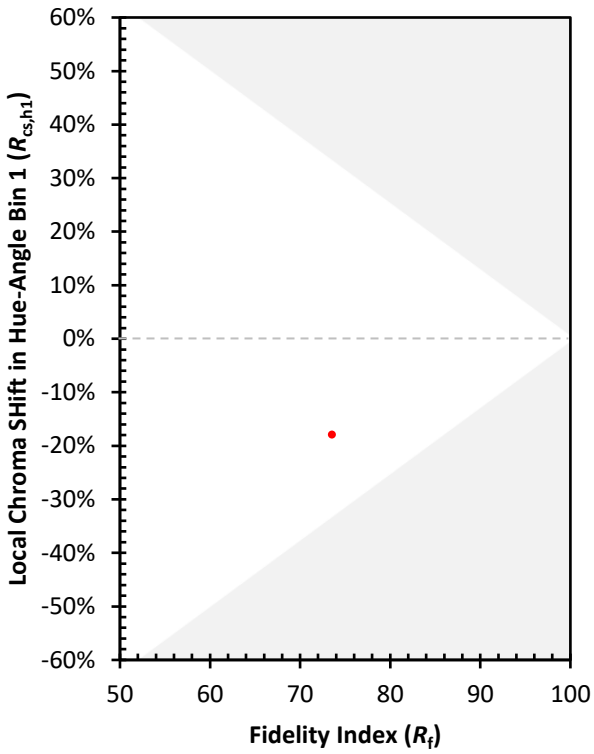


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)