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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P972427

Luminaire Tested: **GKO-PB2E-740-U-T1**

Issue Date: 02/27/2025

Report Generated By 670245763

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P972427
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2E-740-U-T1
Description:	GEKKO WALL PACK 12000LM PACKAGE 70CRI 4000K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source:	(20) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13468.3 lumens
Efficiency:	N/A
Efficacy:	128.6 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type I - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	104.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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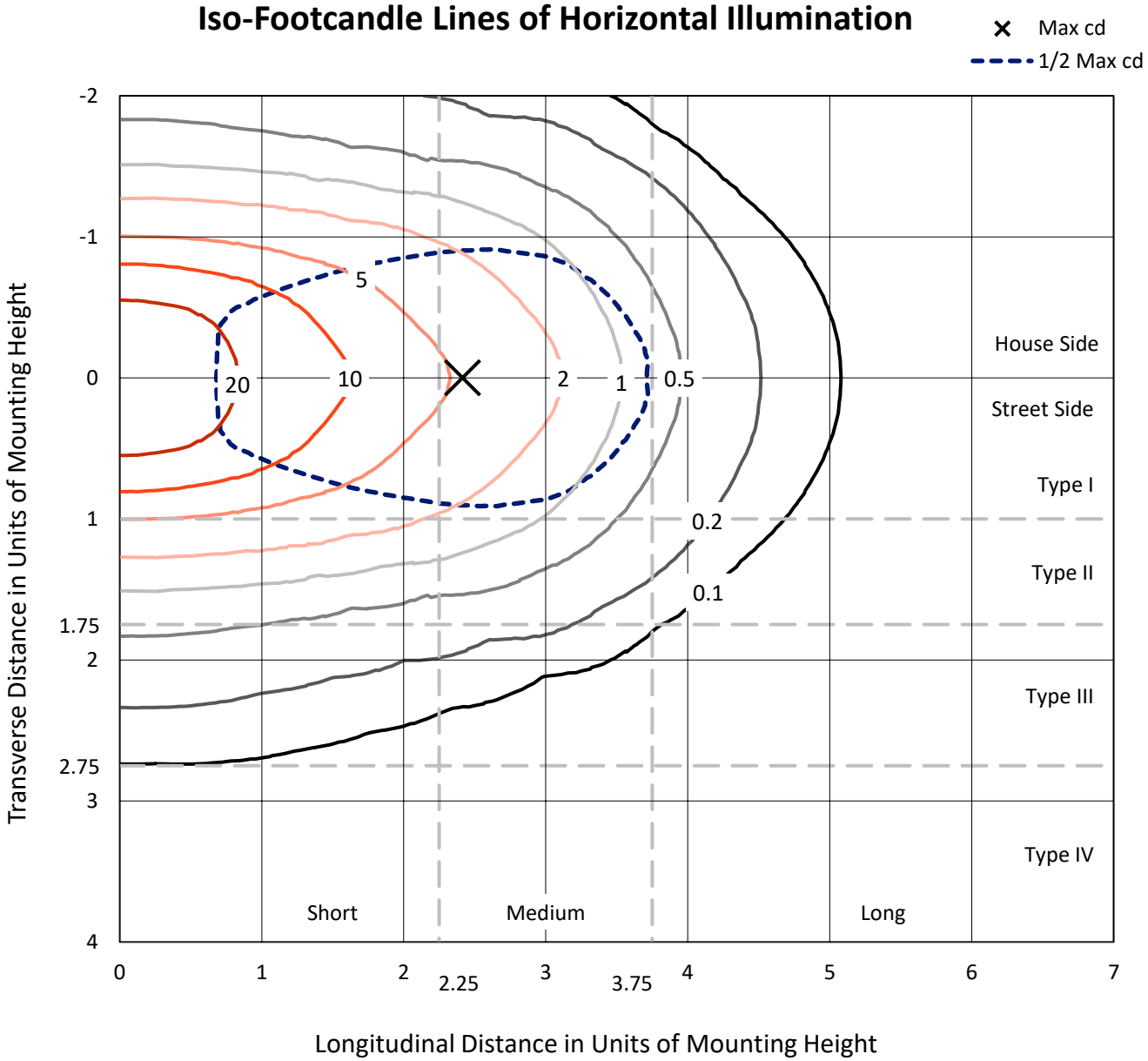
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 33.4 fc
Type I - Short - N/A

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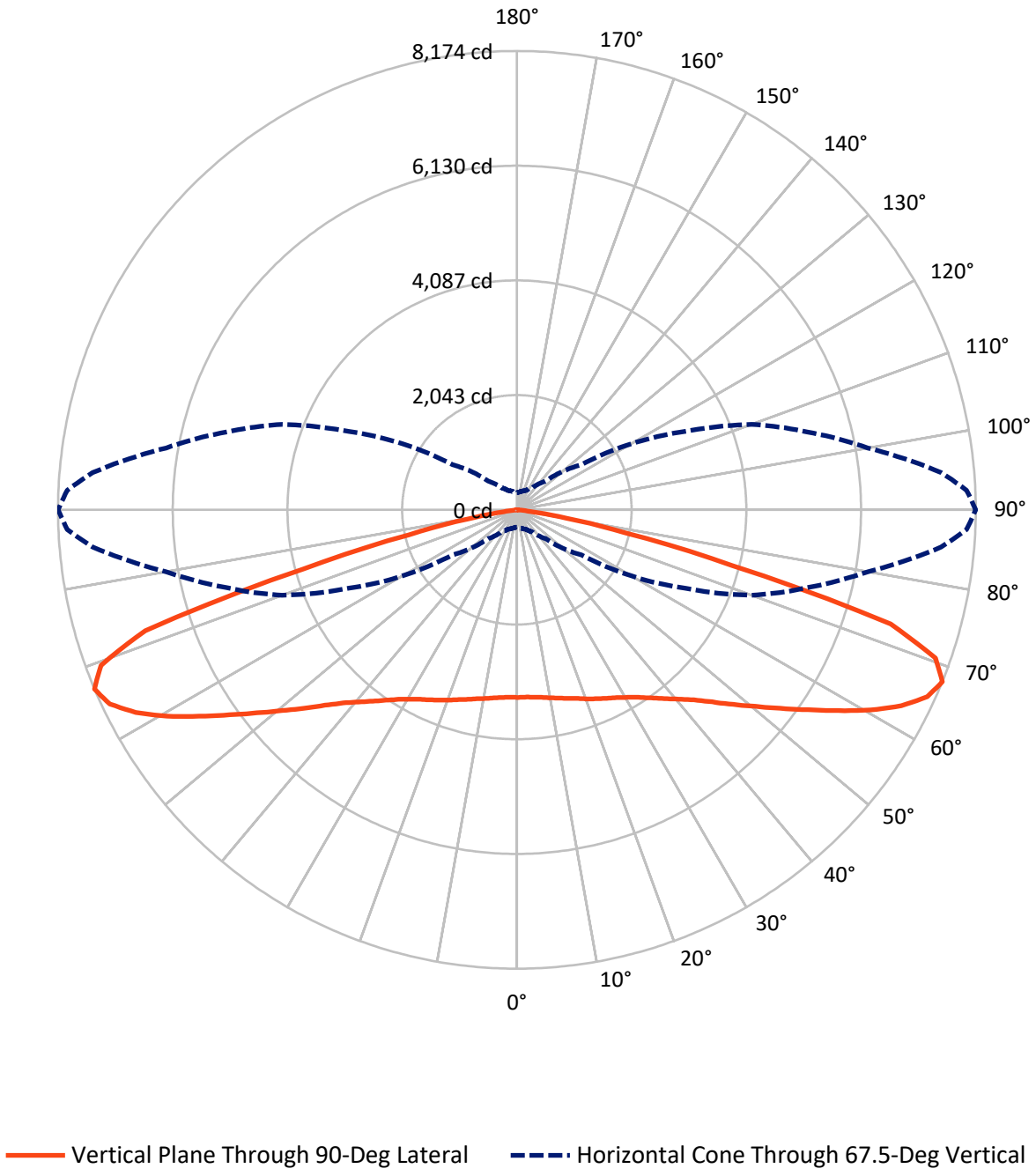
Luminous Intensity Polar Plot



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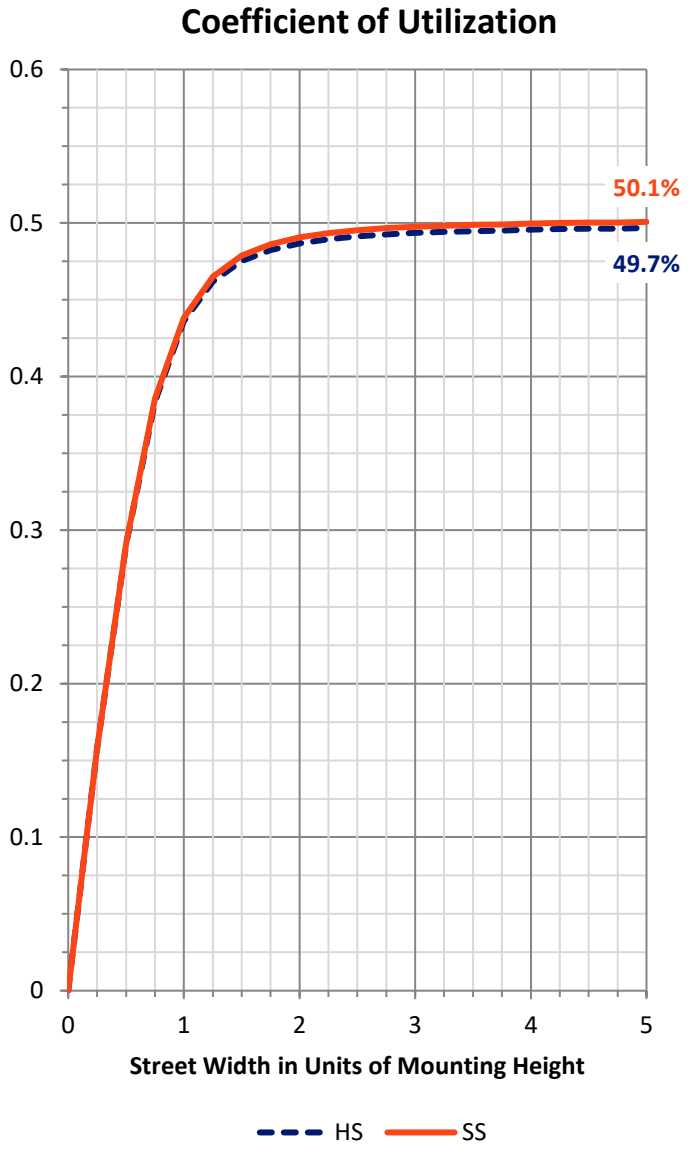
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6734.2	0.0	6734.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6734.2	0.0	6734.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	13468.3	0.0	13468.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	320.5	2.4
10°-20°	965.9	7.2
20°-30°	1606.1	11.9
30°-40°	2133.6	15.8
40°-50°	2405.4	17.9
50°-60°	2473.4	18.4
60°-70°	2337.4	17.4
70°-80°	1144.2	8.5
80°-90°	81.8	0.6
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°	13468.3	100.0
0°-180°	13468.3	100.0



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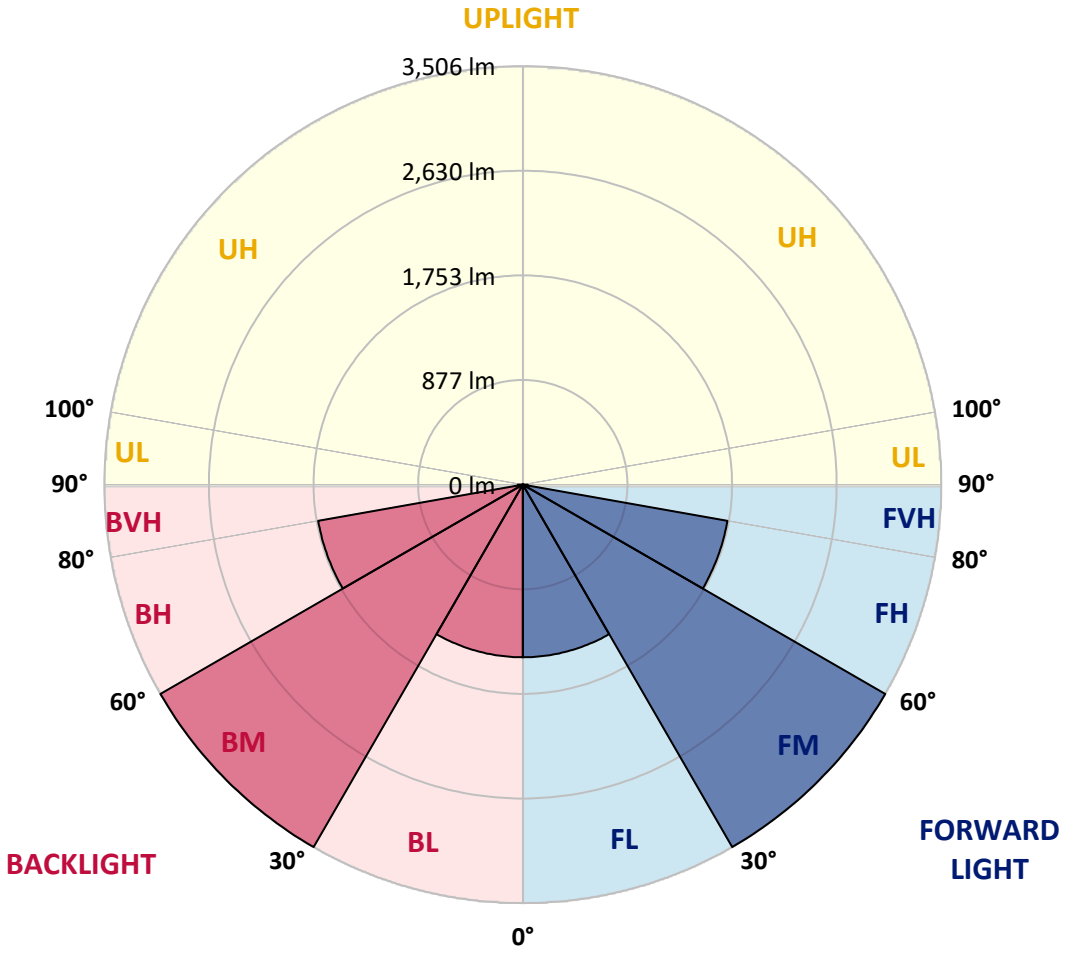
REPORT NUMBER: P972427
CATALOG NUMBER: GKO-PB2E-740-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1446.2	10.7			
FM	(30°-60°)	3506.2	26.0			
FH	(60°-80°)	1740.8	12.9			G1/1800
FVH	(80°-90°)	40.9	0.3			G1/100
BL	(0°-30°)	1446.2	10.7	B3/2500		
BM	(30°-60°)	3506.2	26.0	B3/5000		
BH	(60°-80°)	1740.8	12.9	B3/2500		G3/2500
BVH	(80°-90°)	40.9	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type I Short



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REPORT NUMBER: P972427
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	3342.0	3342.0	3342.0	3342.0	3342.0	3342.0	3342.0	3342.0	3342.0	3342.0	3342.0
2.5°	3344.5	3349.5	3339.6	3339.6	3344.5	3347.0	3347.0	3349.5	3344.5	3344.5	3342.0
5°	3344.5	3347.0	3342.0	3342.0	3347.0	3354.5	3352.0	3356.9	3356.9	3354.5	3354.5
7.5°	3342.0	3347.0	3342.0	3344.5	3352.0	3366.9	3366.9	3366.9	3371.8	3376.8	3376.8
10°	3339.6	3344.5	3347.0	3349.5	3359.4	3381.8	3386.7	3389.2	3396.7	3404.1	3404.1
12.5°	3327.1	3332.1	3339.6	3349.5	3366.9	3396.7	3406.6	3414.0	3426.5	3433.9	3438.9
15°	3309.8	3312.2	3329.6	3349.5	3376.8	3414.0	3433.9	3446.3	3463.7	3473.6	3481.1
17.5°	3284.9	3287.4	3314.7	3344.5	3384.3	3436.4	3468.7	3488.5	3505.9	3520.8	3530.7
20°	3252.7	3260.1	3292.4	3339.6	3396.7	3458.7	3505.9	3540.7	3558.1	3573.0	3587.9
22.5°	3212.9	3220.4	3260.1	3327.1	3409.1	3488.5	3550.6	3595.3	3617.6	3637.5	3654.9
25°	3153.3	3163.3	3210.4	3297.3	3414.0	3520.8	3600.3	3657.4	3677.2	3702.1	3717.0
27.5°	3061.5	3068.9	3126.0	3237.8	3399.1	3555.6	3657.4	3724.4	3746.8	3774.1	3789.0
30°	2917.5	2932.4	3001.9	3140.9	3361.9	3582.9	3724.4	3791.5	3818.8	3846.1	3865.9
32.5°	2731.2	2753.6	2830.6	3009.3	3289.9	3592.8	3796.4	3873.4	3908.2	3937.9	3962.8
35°	2500.3	2522.7	2614.5	2840.5	3175.7	3573.0	3868.4	3967.7	4010.0	4049.7	4079.5
37.5°	2237.1	2257.0	2368.7	2627.0	3011.8	3510.9	3925.5	4072.0	4129.1	4181.3	4221.0
40°	1971.5	1993.8	2115.5	2391.1	2813.2	3391.7	3950.4	4186.2	4258.2	4325.3	4374.9
42.5°	1683.4	1710.7	1847.3	2140.3	2582.3	3227.8	3930.5	4298.0	4387.4	4479.2	4553.7
45°	1427.7	1432.7	1581.6	1864.7	2329.0	3016.8	3861.0	4404.7	4526.4	4655.5	4762.3
47.5°	1181.9	1191.8	1320.9	1601.5	2065.8	2778.4	3734.3	4489.2	4682.8	4849.2	5005.6
50°	963.4	975.8	1092.5	1343.3	1802.6	2517.7	3563.0	4538.8	4816.9	5042.9	5261.4
52.5°	784.6	799.5	896.3	1117.3	1536.9	2244.6	3352.0	4546.3	4938.6	5236.5	5527.0
55°	653.0	662.9	737.4	913.7	1281.2	1961.5	3111.1	4509.0	5018.0	5410.3	5797.7
57.5°	551.2	561.1	613.3	752.3	1050.3	1671.0	2818.1	4422.1	5060.2	5561.8	6070.8
60°	479.2	486.7	523.9	623.2	864.1	1397.9	2502.8	4268.2	5047.8	5656.1	6296.7
62.5°	427.1	429.5	461.8	531.3	712.6	1139.7	2147.7	4037.3	4946.0	5668.6	6450.7
65°	379.9	382.4	402.2	451.9	586.0	916.2	1777.8	3719.4	4752.4	5581.7	6473.0
67.5°	*307.9*	*312.9*	*342.6*	*379.9*	*481.7*	*725.0*	*1400.4*	*3302.3*	*4449.4*	*5355.7*	*6346.4*
70°	245.8	248.3	278.1	320.3	392.3	571.1	1075.1	2741.2	3975.2	4988.2	6018.7
72.5°	183.7	188.7	216.0	258.2	320.3	442.0	777.2	2073.3	3178.2	4206.1	5241.5
75°	146.5	149.0	158.9	198.6	248.3	335.2	523.9	1256.4	1914.3	2602.1	3212.9
77.5°	124.1	126.6	126.6	153.9	183.7	225.9	278.1	499.1	809.4	1152.1	1527.0
80°	101.8	106.8	96.8	114.2	131.6	131.6	129.1	238.4	382.4	541.3	710.1
82.5°	74.5	79.5	74.5	79.5	79.5	72.0	67.0	89.4	121.7	166.4	181.3
85°	52.1	54.6	59.6	54.6	52.1	42.2	32.3	24.8	14.9	17.4	24.8
87.5°	34.8	42.2	49.7	47.2	39.7	32.3	22.3	14.9	7.4	9.9	9.9
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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CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	3342.0	3342.0	*3342.0*
2.5°	3344.5	3342.0	*3339.6*
5°	3356.9	3354.5	*3352.0*
7.5°	3374.3	3374.3	*3374.3*
10°	3401.6	3406.6	*3406.6*
12.5°	3436.4	3441.4	*3441.4*
15°	3478.6	3481.1	*3486.1*
17.5°	3530.7	3533.2	*3533.2*
20°	3592.8	3590.3	*3595.3*
22.5°	3654.9	3654.9	*3654.9*
25°	3719.4	3719.4	*3719.4*
27.5°	3793.9	3793.9	*3789.0*
30°	3875.9	3875.9	*3875.9*
32.5°	3975.2	3977.7	*3980.2*
35°	4101.8	4106.8	*4114.2*
37.5°	4245.8	4258.2	*4265.7*
40°	4417.2	4422.1	*4434.5*
42.5°	4608.3	4623.2	*4625.7*
45°	4846.7	4871.5	*4881.5*
47.5°	5127.3	5162.0	*5179.4*
50°	5440.1	5479.9	*5504.7*
52.5°	5780.3	5844.8	*5874.6*
55°	6142.8	6254.5	*6286.8*
57.5°	6552.5	6703.9	*6748.6*
60°	6954.7	7168.3	*7240.3*
62.5°	7297.4	7597.8	*7687.2*
65°	7538.2	7900.7	*8032.3*
67.5°	*7587.9*	*8017.4*	*8173.9*
70°	7289.9	7729.4	*7910.7*
72.5°	6339.0	6736.2	*6962.2*
75°	3744.3	4029.8	*3960.3*
77.5°	1879.6	1961.5	*1973.9*
80°	824.3	874.0	*893.9*
82.5°	203.6	208.6	*235.9*
85°	27.3	32.3	*29.8*
87.5°	9.9	9.9	*12.4*
90°	0.0	0.0	*0.0*

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1121 Highway 74 South
Peachtree City, GA 30269

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

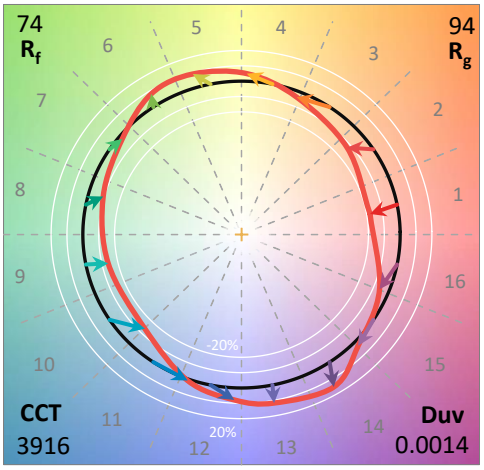
Test Information

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
CIE u':	0.2259
CIE v':	0.5049
Duv:	0.0014
CIE x:	0.3853
CIE y:	0.3827
CIE z:	0.2321
Peak Wavelength (nm):	449
Dominant Wavelength (nm):	578
Purity:	30.46652
Rf:	73.5
Rg:	93.5

CRI (Ra):	71.0				
R1:	67.4	R9:	-37.9
R2:	78.3	R10:	48.9
R3:	87.2	R11:	64.6
R4:	69.5	R12:	40.9
R5:	67.2	R13:	69.2
R6:	69.3	R14:	92.7
R7:	79.9	R15:	59.8
R8:	48.9		



Test Conditions

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

REPORT NUMBER: SP2-2501-321-1

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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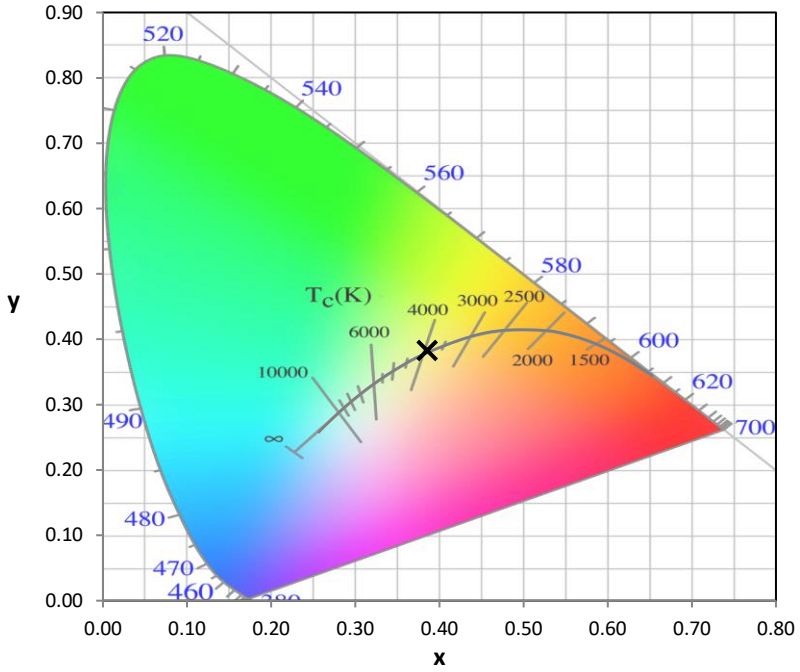
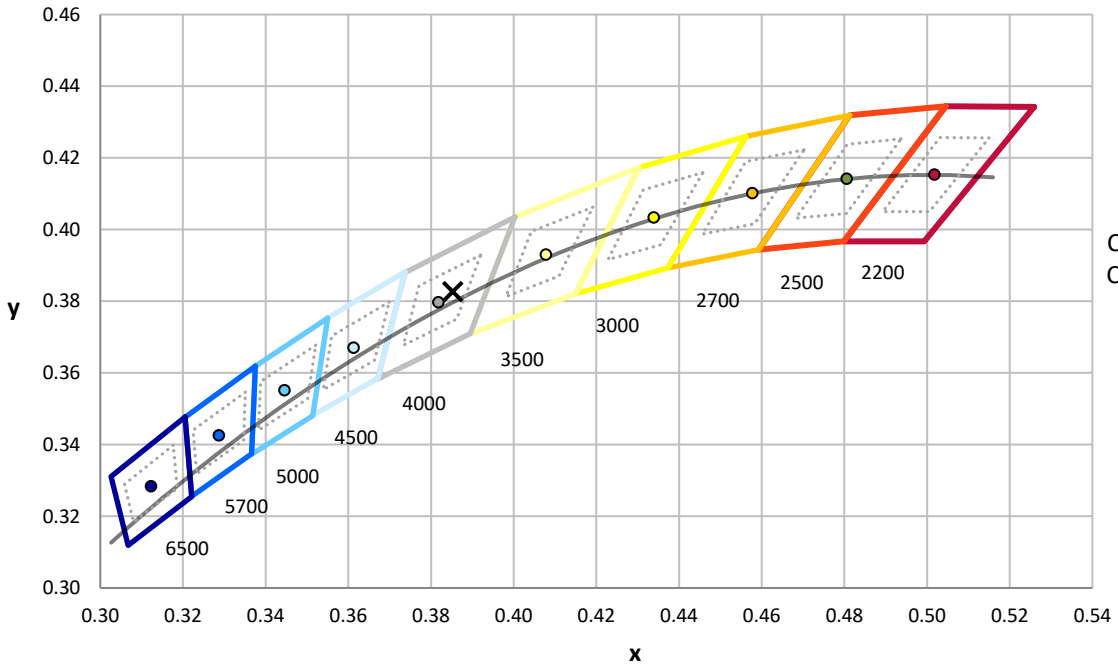
CIE 1931 Chromaticity Diagram



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



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

Point lies inside the ANSI 4000K 4-step quadrangle

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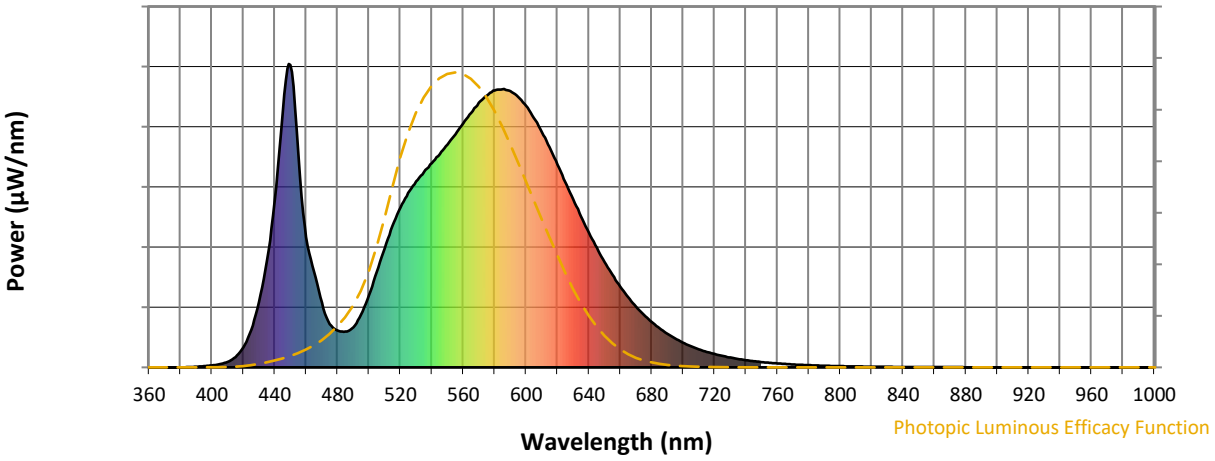
Photopic Flux vs. Wavelength

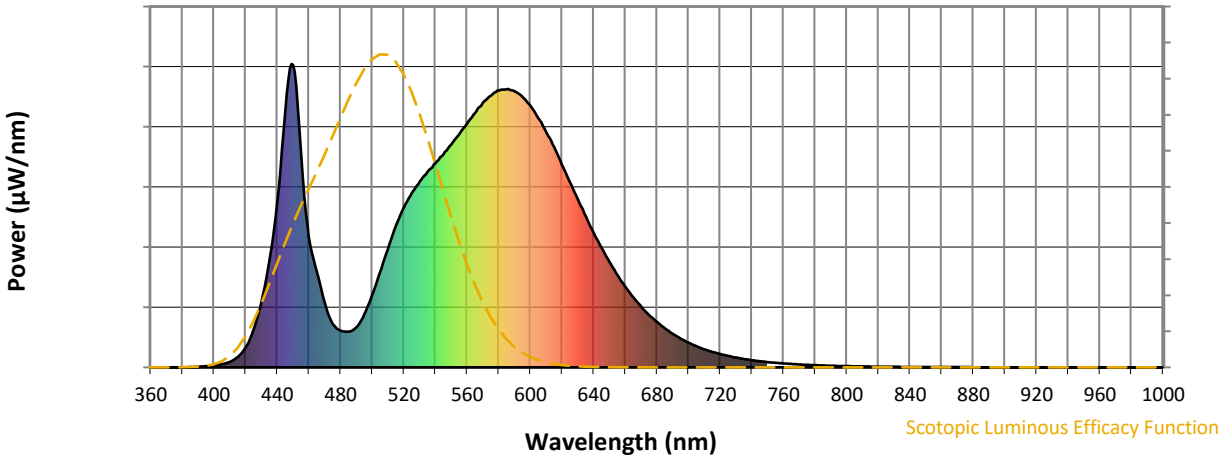


Photopic Lumens: NR

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			

REPORT NUMBER: SP2-2501-321-1

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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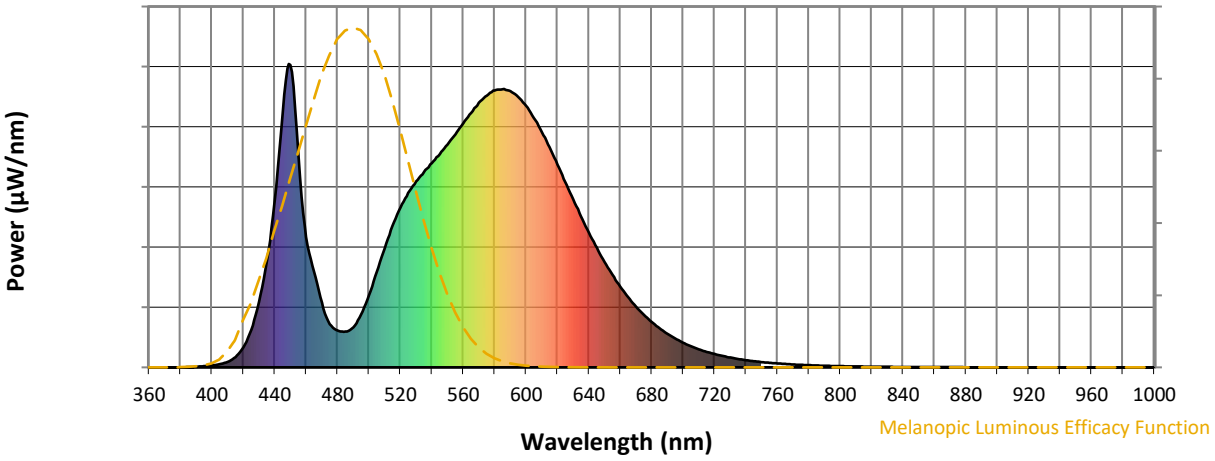
Melanopic Flux vs. Wavelength



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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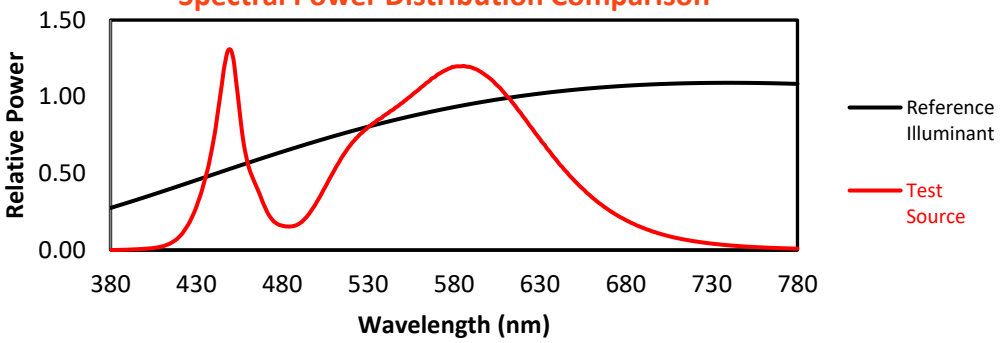
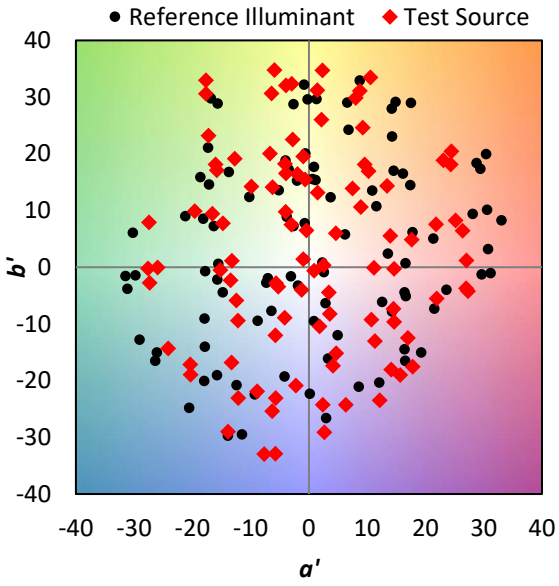
Summary

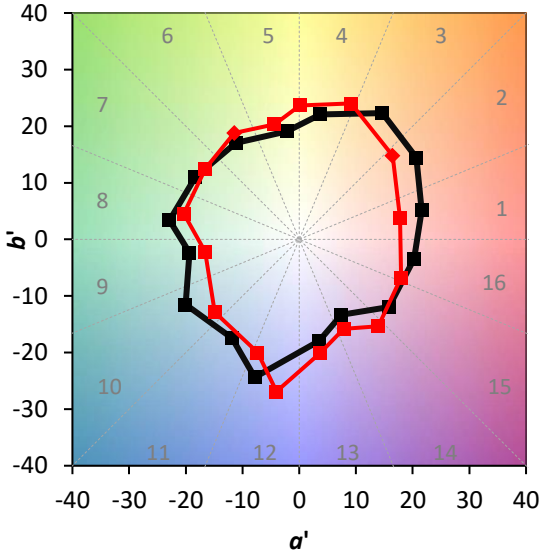
R_f = 73.5
R_g = 93.5
CIE R_a = 71.0
R_9 = -37.9

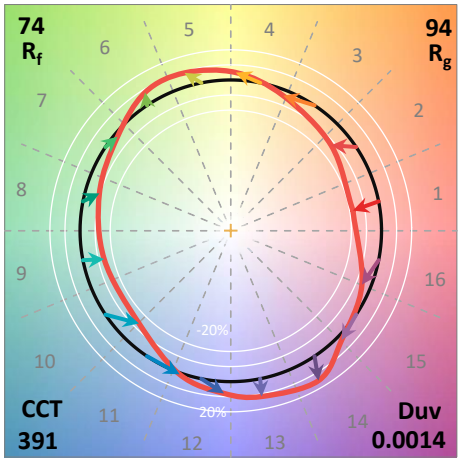
Spectral Power Distribution Comparison

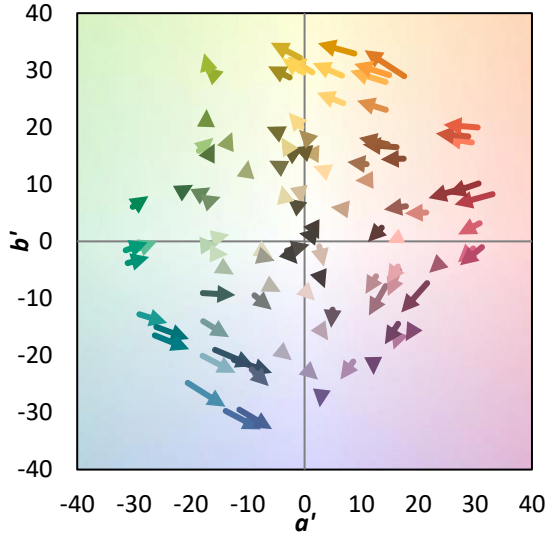


Color Vector Graphics









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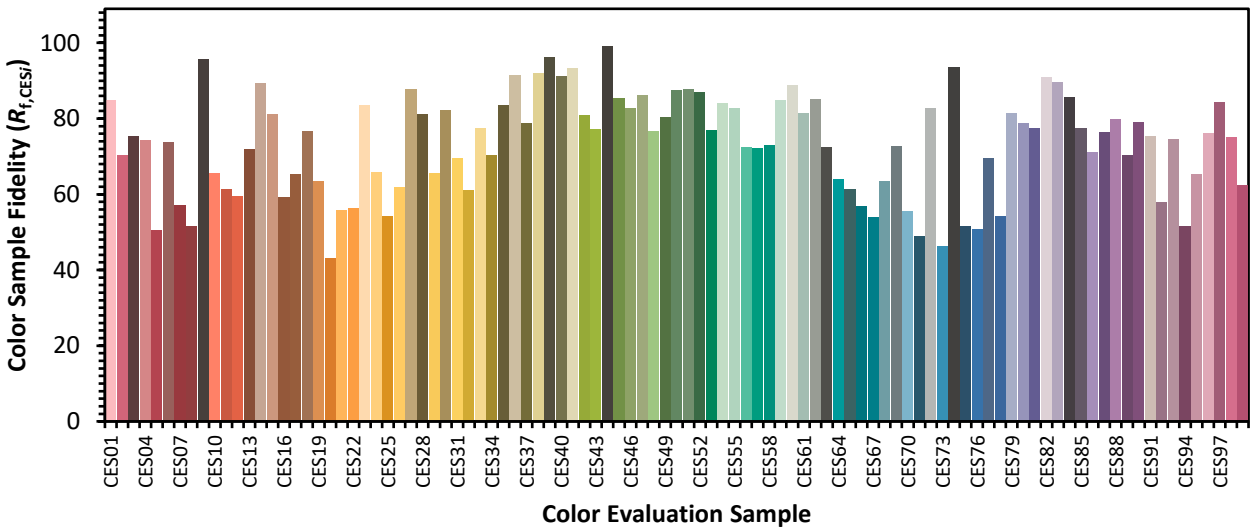
Individual Sample Fidelity Index ($R_{f,i}$)

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	



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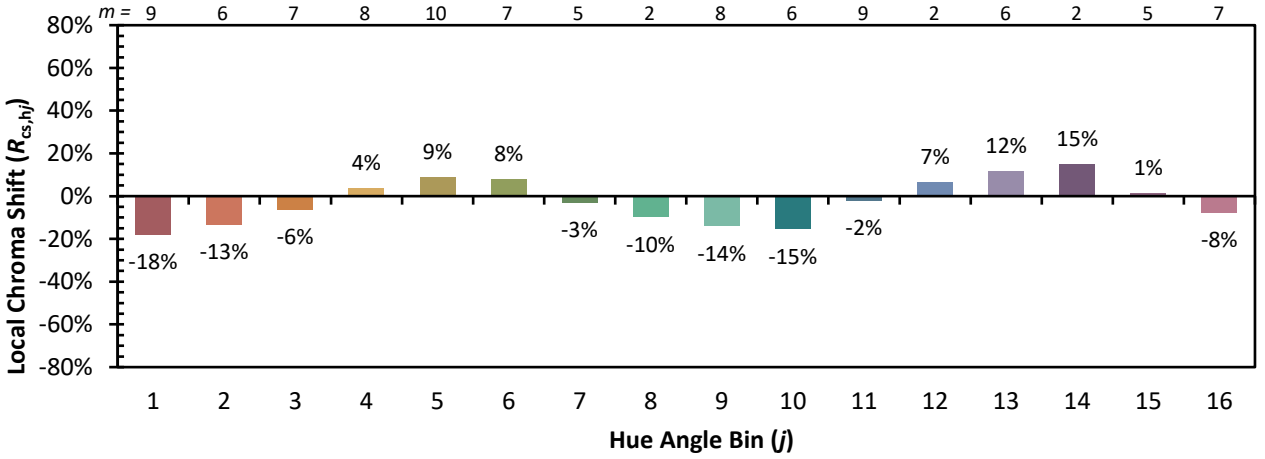
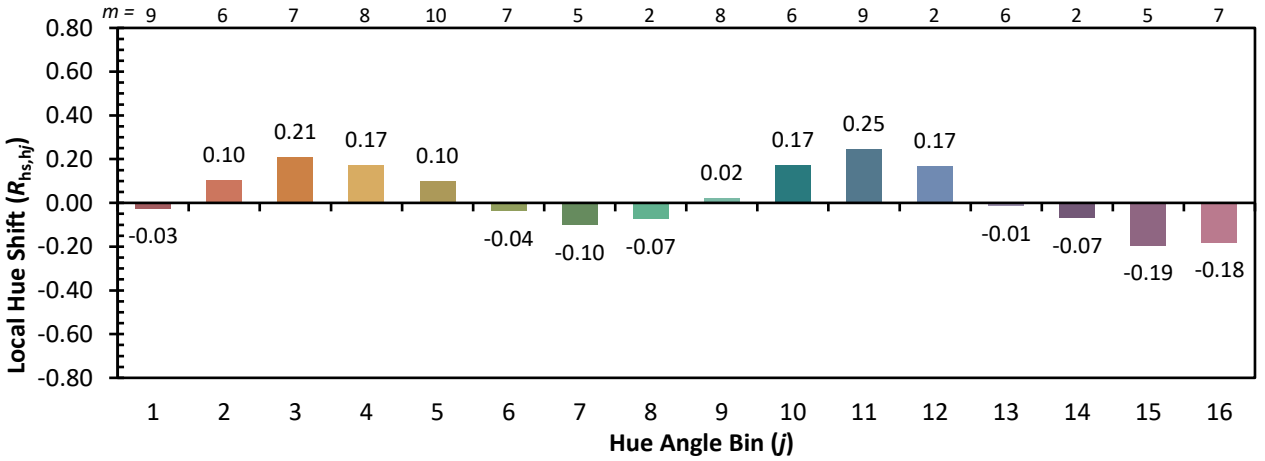
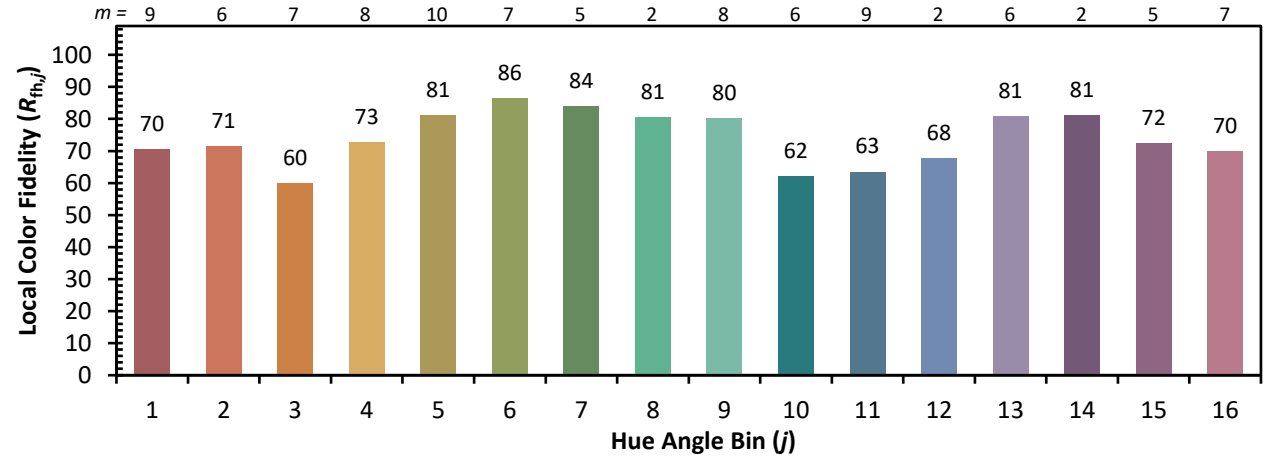
Color Rendition by Hue-Angle Bin







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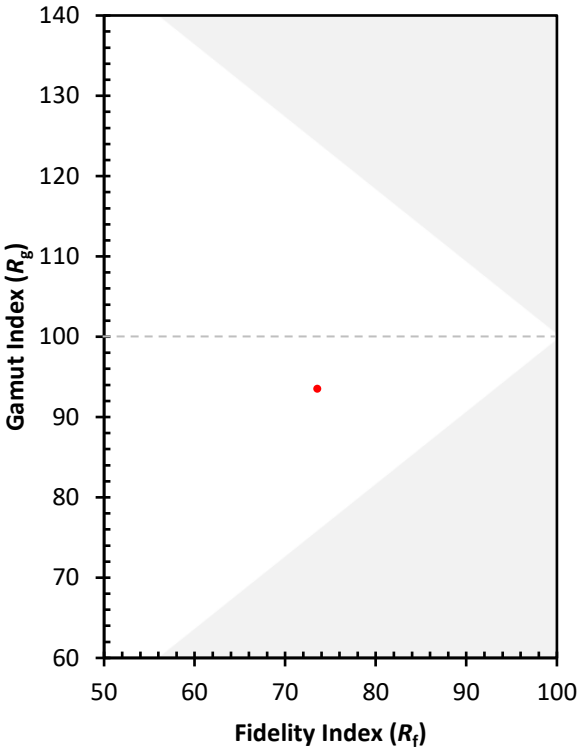
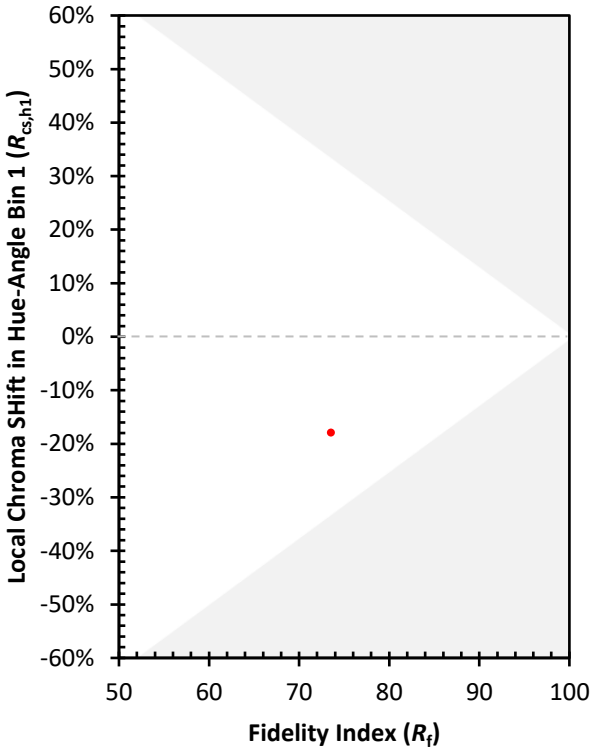
Measure Comparisons





(END OF REPORT)