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: P972267

Luminaire Tested: **GKO-PB2E-730-U-T3**

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:	P972267
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2E-730-U-T3
Description:	GEKKO WALL PACK 12000LM PACKAGE 70CRI 3000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(20) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12019.2 lumens
Efficiency:	N/A
Efficacy:	114.8 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G2

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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REPORT NUMBER: P972267
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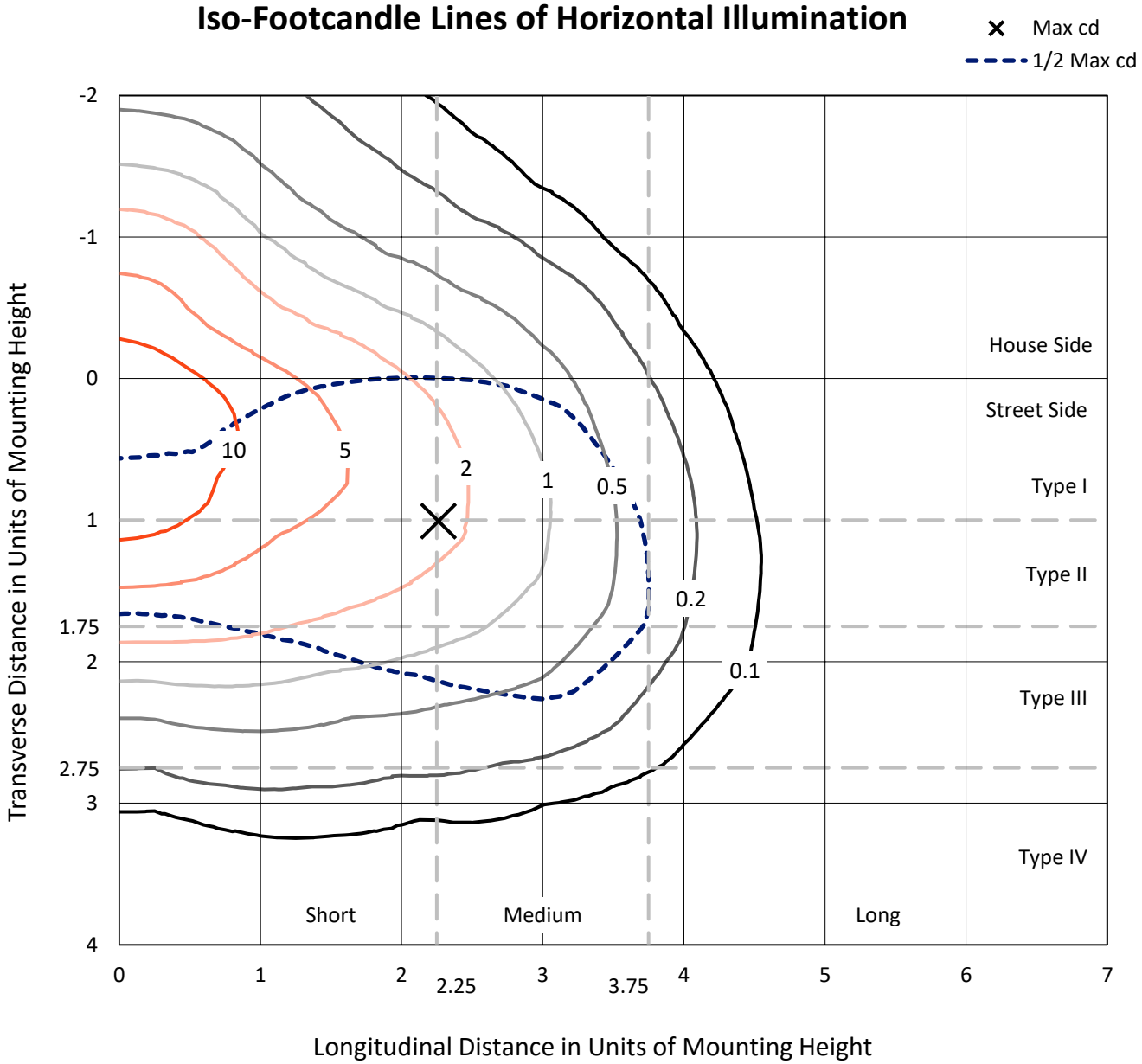
Iso-Footcandle Lines of Horizontal Illumination



Based on 12 foot mounting height. Maximum calculated value = 16.1 fc
Type III - Medium - N/A

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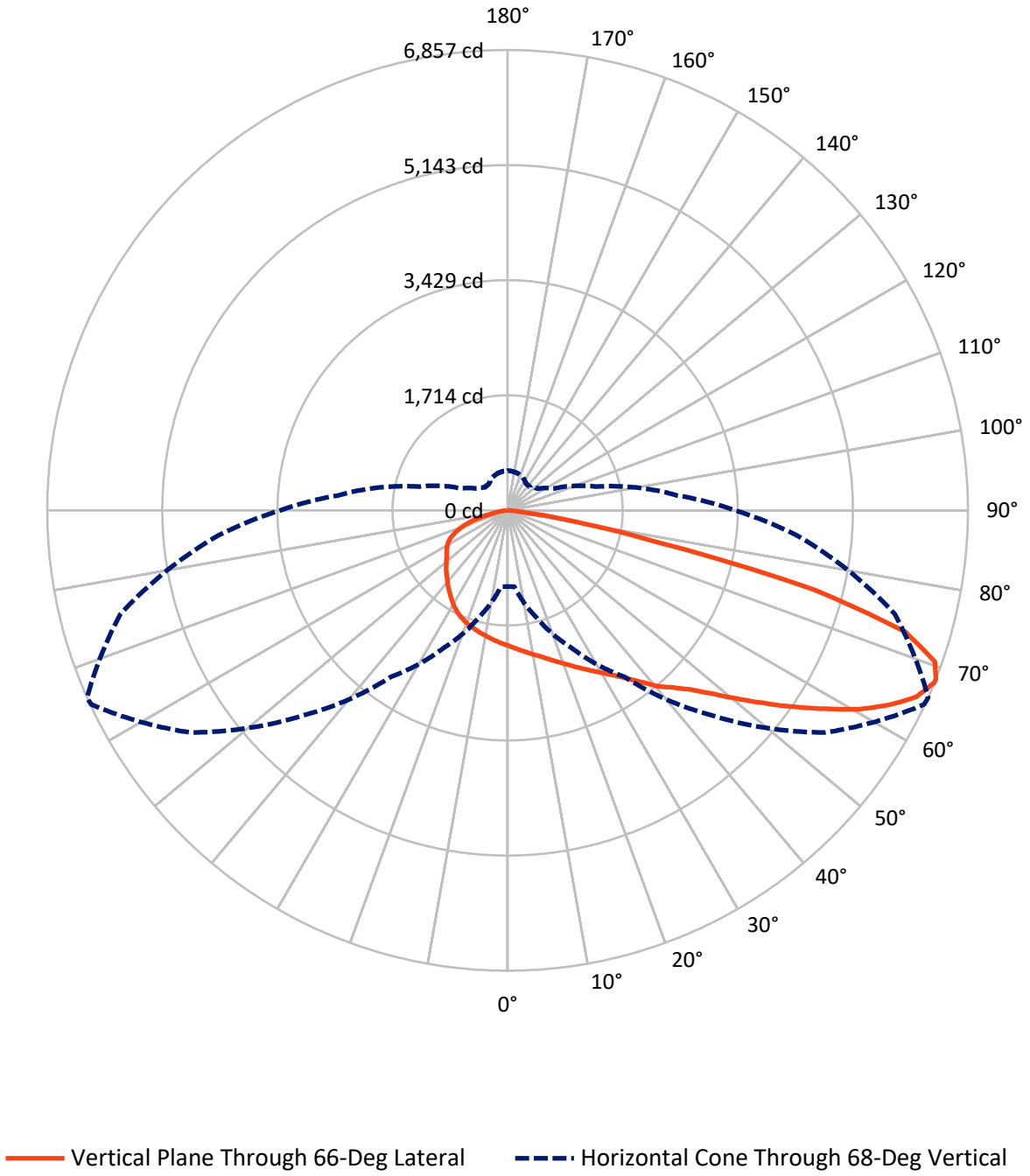
Luminous Intensity Polar Plot



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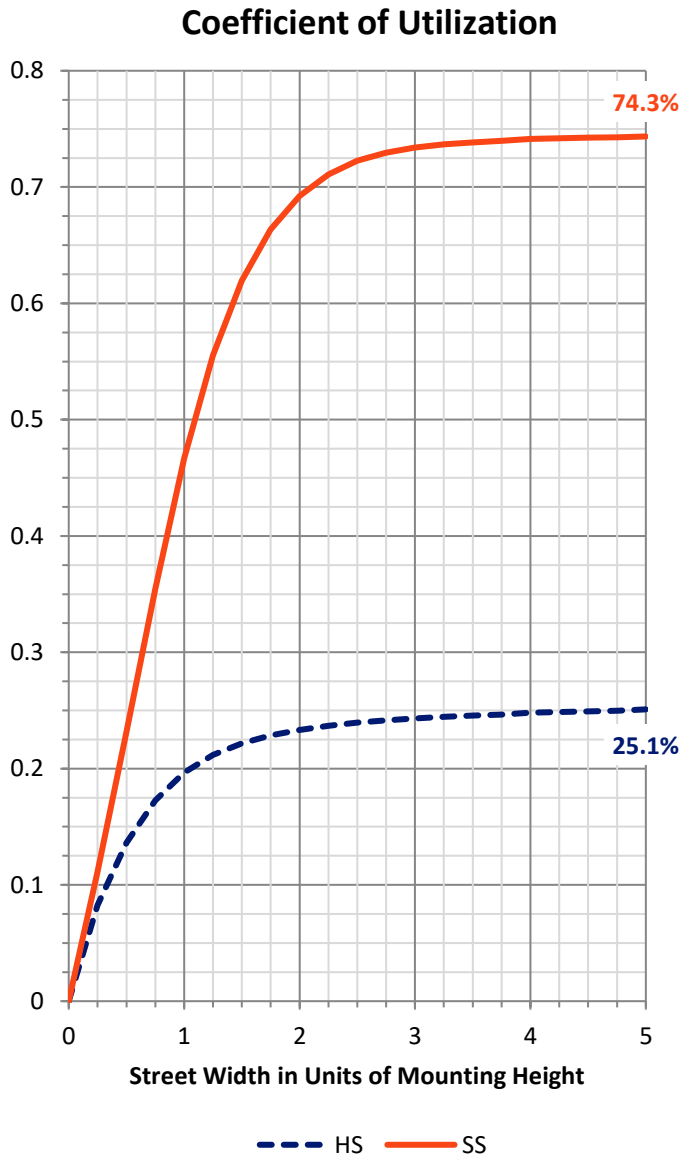
CATALOG NUMBER: GKO-PB2E-730-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3077.1	0.0	3077.1
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	8942.1	0.0	8942.1
	% Fixture	74.4	0.0	74.4
Total	Lumens	12019.2	0.0	12019.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	193.4	1.6
10°-20°	581.3	4.8
20°-30°	1001.7	8.3
30°-40°	1553.9	12.9
40°-50°	2128.7	17.7
50°-60°	2539.3	21.1
60°-70°	2544.5	21.2
70°-80°	1346.5	11.2
80°-90°	130.0	1.1
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°	12019.2	100.0
0°-180°	12019.2	100.0



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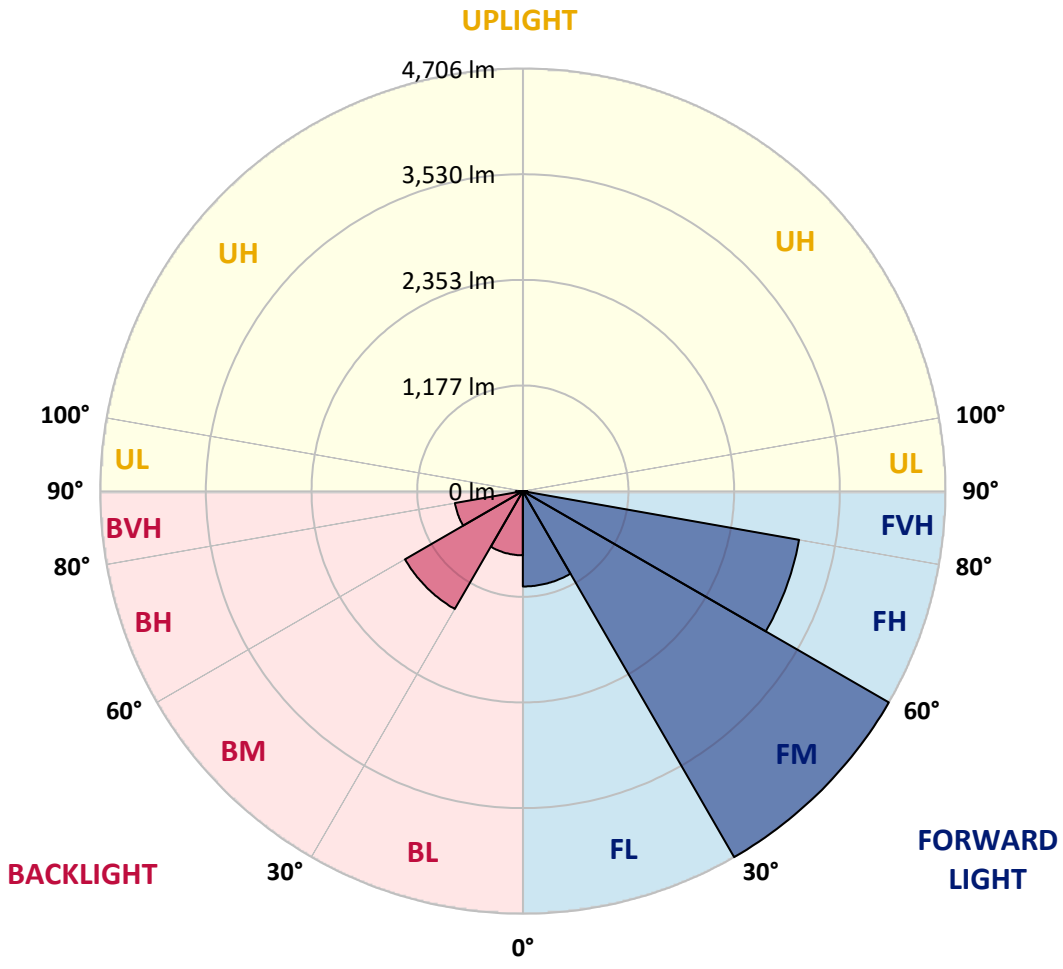
REPORT NUMBER: P972267
CATALOG NUMBER: GKO-PB2E-730-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1061.7	8.8			
FM	(30°-60°)	4706.1	39.2			
FH	(60°-80°)	3123.3	26.0			G2/5000
FVH	(80°-90°)	51.1	0.4			G1/100
BL	(0°-30°)	714.7	5.9	B2/1000		
BM	(30°-60°)	1515.8	12.6	B2/2500		
BH	(60°-80°)	767.7	6.4	B2/1000		G2/1000
BVH	(80°-90°)	78.9	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Medium



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REPORT NUMBER: P972267
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	2015.9	2015.9	2015.9	2015.9	2015.9	2015.9	2015.9	2015.9	*2015.9*	2015.9	2015.9
2.5°	2099.9	2099.9	2095.2	2092.9	2090.5	2076.5	2067.2	2055.5	*2055.5*	2036.9	2020.5
5°	2172.2	2174.5	2165.2	2165.2	2155.9	2137.2	2118.5	2095.2	*2095.2*	2067.2	2034.5
7.5°	2235.2	2242.2	2232.9	2232.9	2223.5	2202.5	2172.2	2139.5	*2139.5*	2099.9	2053.2
10°	2295.9	2300.5	2295.9	2300.5	2286.5	2267.9	2232.9	2188.5	*2186.2*	2137.2	2071.9
12.5°	2344.9	2349.5	2351.9	2358.9	2347.2	2333.2	2300.5	2244.5	*2237.5*	2179.2	2095.2
15°	2391.5	2396.2	2403.2	2412.5	2410.2	2398.5	2368.2	2305.2	*2300.5*	2225.9	2125.5
17.5°	2428.9	2431.2	2445.2	2463.9	2468.5	2470.9	2438.2	2372.9	*2368.2*	2279.5	2158.2
20°	2482.5	2487.2	2501.2	2519.9	2533.9	2543.2	2517.5	2445.2	*2440.5*	2342.5	2200.2
22.5°	2603.8	2596.8	2603.8	2603.8	2610.8	2624.8	2606.2	2533.9	*2524.5*	2417.2	2251.5
25°	2832.5	2825.5	2806.8	2764.8	2718.2	2715.8	2694.8	2624.8	*2613.2*	2494.2	2300.5
27.5°	3152.2	3135.8	3100.8	3012.2	2900.2	2827.8	2795.2	2722.8	*2708.8*	2571.2	2347.2
30°	3490.5	3509.1	3450.8	3329.5	3124.2	2970.2	2907.2	2825.5	*2813.8*	2657.5	2403.2
32.5°	3884.8	3887.1	3828.8	3660.8	3394.8	3149.8	3042.5	2942.2	*2932.8*	2757.8	2477.9
35°	4113.4	4122.8	4097.1	3940.8	3637.5	3348.1	3205.8	3084.5	*3077.5*	2883.8	2571.2
37.5°	4351.4	4372.4	4332.7	4160.1	3821.8	3532.5	3387.8	3254.8	*3247.8*	3028.5	2687.8
40°	4703.7	4694.4	4652.4	4398.1	3994.4	3686.5	3567.5	3462.5	*3446.1*	3205.8	2806.8
42.5°	4958.0	4981.4	4890.4	4603.4	4183.4	3840.4	3747.1	3628.1	*3607.1*	3313.1	2876.8
45°	5044.4	5023.4	4923.0	4713.1	4430.7	3980.4	3917.4	3826.4	*3805.4*	3502.1	3014.5
47.5°	5063.0	5025.7	4937.0	4778.4	4640.7	4162.4	4125.1	4104.1	*4073.8*	3740.1	3180.1
50°	4948.7	4923.0	4881.1	4801.7	4776.1	4332.7	4351.4	4428.4	*4402.7*	3996.8	3364.5
52.5°	4689.7	4678.1	4715.4	4766.7	4699.1	4479.7	4619.7	4776.1	*4766.7*	4279.1	3562.8
55°	4202.1	4202.1	4412.1	4591.7	4631.4	4575.4	4909.0	5177.4	*5165.7*	4596.4	3751.8
57.5°	3756.4	3763.4	3938.4	4342.1	4510.1	4678.1	5231.0	5597.3	*5578.7*	4953.4	3950.1
60°	3194.1	3194.1	3460.1	3966.4	4335.1	4757.4	5515.7	6003.3	*6015.0*	5298.7	4146.1
62.5°	2529.2	2536.2	2904.8	3499.8	4083.1	4771.4	5742.0	6386.0	*6383.6*	5611.3	4297.8
65°	1864.2	1866.6	2368.2	2981.8	3705.1	4673.4	5865.7	6679.9	*6693.9*	5858.7	4386.4
67.5°	1210.9	1234.3	1742.9	2419.5	3170.8	4395.7	5800.3	6836.3	*6852.6*	5973.0	4358.4
68°	*1133.9*	*1138.6*	*1649.6*	*2265.5*	*3026.2*	*4325.7*	*5770.0*	*6843.3*	*6857.3*	*5970.7*	*4330.4*
70°	735.0	735.0	1180.6	1768.6	2414.9	3889.4	5506.3	6733.6	*6749.9*	5868.0	4127.4
72.5°	396.6	403.6	674.3	1070.9	1649.6	3009.8	4969.7	6162.0	*6190.0*	5305.7	3609.5
75°	277.7	282.3	392.0	599.6	898.3	1959.9	3884.8	4708.4	*4703.7*	3665.5	2260.9
77.5°	200.7	200.7	224.0	373.3	471.3	895.9	1922.6	2267.9	*2242.2*	1789.6	1140.9
80°	130.7	130.7	140.0	196.0	226.3	273.0	588.0	982.3	*1000.9*	872.6	569.3
82.5°	53.7	56.0	60.7	79.3	81.7	114.3	168.0	282.3	*273.0*	221.7	161.0
85°	7.0	7.0	9.3	11.7	14.0	25.7	23.3	23.3	*23.3*	28.0	25.7
87.5°	0.0	0.0	0.0	0.0	0.0	2.3	4.7	7.0	*7.0*	9.3	7.0
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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Scaled Data Report

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CATALOG NUMBER: GKO-PB2E-730-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2015.9	2015.9	2015.9	2015.9	2015.9	2015.9	2015.9	2015.9	2015.9	2015.9	2015.9
2.5°	2015.9	2015.9	2001.9	1987.9	1973.9	1962.2	1945.9	1934.2	1936.6	1943.6	1941.2
5°	2027.5	2015.9	1987.9	1957.6	1934.2	1913.2	1882.9	1866.6	1864.2	1868.9	1866.6
7.5°	2034.5	2015.9	1973.9	1927.2	1889.9	1861.9	1819.9	1803.6	1796.6	1798.9	1798.9
10°	2048.5	2018.2	1959.9	1894.6	1847.9	1808.2	1763.9	1740.6	1733.6	1733.6	1731.2
12.5°	2064.9	2022.9	1945.9	1866.6	1805.9	1759.2	1707.9	1682.2	1675.2	1675.2	1672.9
15°	2081.2	2029.9	1931.9	1836.2	1766.2	1710.2	1661.2	1630.9	1621.6	1621.6	1626.2
17.5°	2102.2	2036.9	1917.9	1808.2	1724.2	1661.2	1609.9	1579.6	1567.9	1574.9	1579.6
20°	2123.2	2050.9	1903.9	1777.9	1682.2	1616.9	1565.6	1535.2	1523.6	1535.2	1537.6
22.5°	2153.5	2062.5	1887.6	1742.9	1640.2	1567.9	1521.2	1493.2	1486.2	1497.9	1507.2
25°	2183.9	2076.5	1866.6	1705.6	1586.6	1516.6	1479.2	1458.2	1460.6	1476.9	1486.2
27.5°	2216.5	2088.2	1845.6	1658.9	1528.2	1462.9	1434.9	1430.3	1439.6	1458.2	1469.9
30°	2256.2	2104.5	1817.6	1605.2	1462.9	1404.6	1392.9	1406.9	1423.3	1441.9	1453.6
32.5°	2307.5	2125.5	1789.6	1544.6	1395.3	1341.6	1360.3	1390.6	1409.3	1427.9	1439.6
35°	2379.9	2167.5	1773.2	1483.9	1322.9	1287.9	1329.9	1378.9	1392.9	1404.6	1418.6
37.5°	2463.9	2223.5	1766.2	1427.9	1257.6	1241.3	1299.6	1357.9	1362.6	1367.3	1381.3
40°	2545.5	2265.5	1747.6	1367.3	1189.9	1189.9	1262.3	1318.3	1315.9	1308.9	1318.3
42.5°	2578.2	2260.9	1693.9	1308.9	1136.3	1138.6	1203.9	1257.6	1243.6	1243.6	1257.6
45°	2671.5	2298.2	1654.2	1262.3	1087.3	1077.9	1129.3	1171.3	1194.6	1224.9	1238.9
47.5°	2790.5	2349.5	1623.9	1208.6	1040.6	1010.3	1038.3	1108.3	1147.9	1180.6	1192.3
50°	2914.2	2407.9	1595.9	1152.6	993.9	933.3	947.3	1024.3	1059.3	1075.6	1082.6
52.5°	3040.2	2461.5	1574.9	1105.9	940.3	842.3	872.6	944.9	970.6	979.9	984.6
55°	3152.2	2505.9	1556.2	1066.3	879.6	770.0	793.3	867.9	886.6	895.9	902.9
57.5°	3271.1	2554.9	1544.6	1028.9	812.0	707.0	723.3	791.0	816.6	826.0	833.0
60°	3376.1	2601.5	1535.2	989.3	749.0	651.0	660.3	725.6	753.6	758.3	765.3
62.5°	3446.1	2631.8	1521.2	940.3	690.6	597.3	599.6	662.6	693.0	697.6	702.3
65°	3464.8	2624.8	1479.2	874.9	632.3	543.6	543.6	604.3	637.0	653.3	660.3
67.5°	3408.8	2566.5	1390.6	791.0	576.3	494.6	494.6	548.3	583.3	602.0	609.0
68°	*3390.1*	*2540.9*	*1362.6*	*770.0*	*562.3*	*483.0*	*483.0*	*539.0*	*571.6*	*588.0*	*592.6*
70°	3231.5	2414.9	1234.3	690.6	518.0	448.0	448.0	497.0	532.0	532.0	529.6
72.5°	2806.8	2092.9	1014.9	578.6	452.6	396.6	403.6	450.3	462.0	473.6	471.3
75°	1738.2	1252.9	681.3	457.3	380.3	347.6	361.6	403.6	410.6	436.3	429.3
77.5°	870.3	613.6	361.6	266.0	294.0	298.6	324.3	354.6	375.6	403.6	385.0
80°	429.3	298.6	212.3	165.7	172.7	219.3	282.3	305.6	343.0	361.6	345.3
82.5°	119.0	91.0	86.3	91.0	128.3	170.3	221.7	270.7	319.6	336.0	312.6
85°	21.0	16.3	14.0	44.3	88.7	126.0	179.7	240.3	287.0	275.3	259.0
87.5°	7.0	4.7	4.7	28.0	65.3	102.7	154.0	214.7	245.0	221.7	198.3
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: SP2-2501-321-4

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-730-U-T4W

Data in this report applies to families of products including GKO-PB1E-730-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

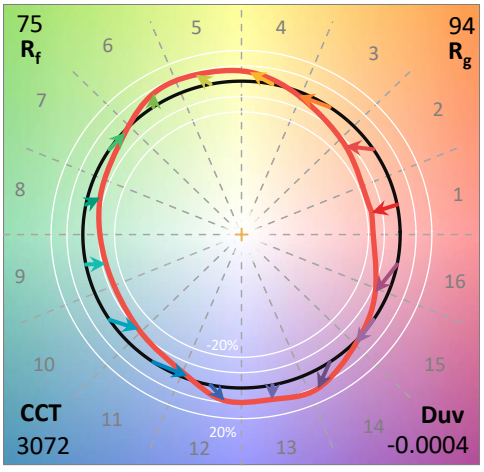
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-4
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-730-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3072
CIE u':	0.2482
CIE v':	0.5193
Duv:	-0.0004
CIE x:	0.4313
CIE y:	0.4010
CIE z:	0.1677
Peak Wavelength (nm):	593
Dominant Wavelength (nm):	582
Purity:	49.8225
Rf:	74.7
Rg:	94.2

CRI (Ra):	71.7				
R1:	68.1	R9:	-33.9		
R2:	82.1	R10:	58.6		
R3:	93.4	R11:	62.0		
R4:	67.3	R12:	48.5		
R5:	67.2	R13:	70.7		
R6:	74.9	R14:	96.4		
R7:	77.5	R15:	60.2		
R8:	43.4				



Test Conditions

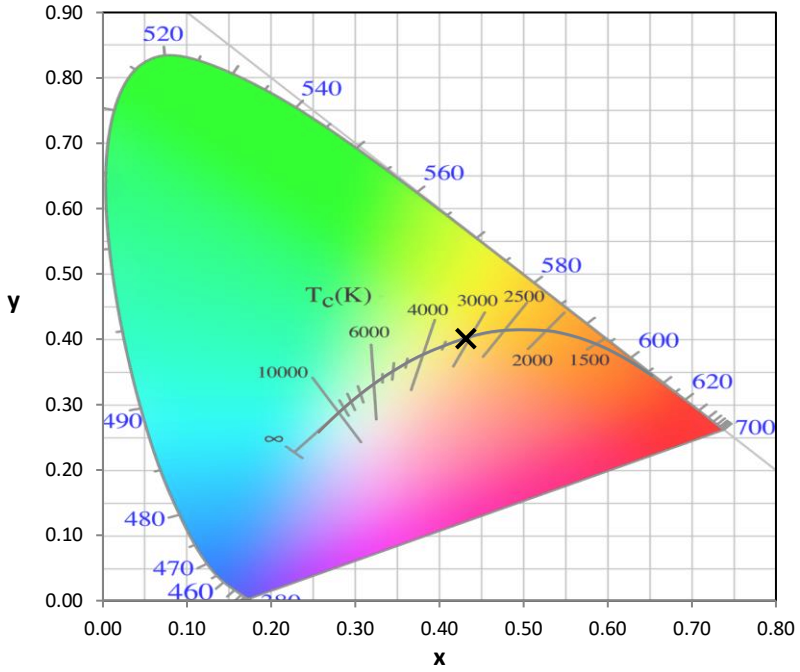
Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.7

REPORT NUMBER: SP2-2501-321-4

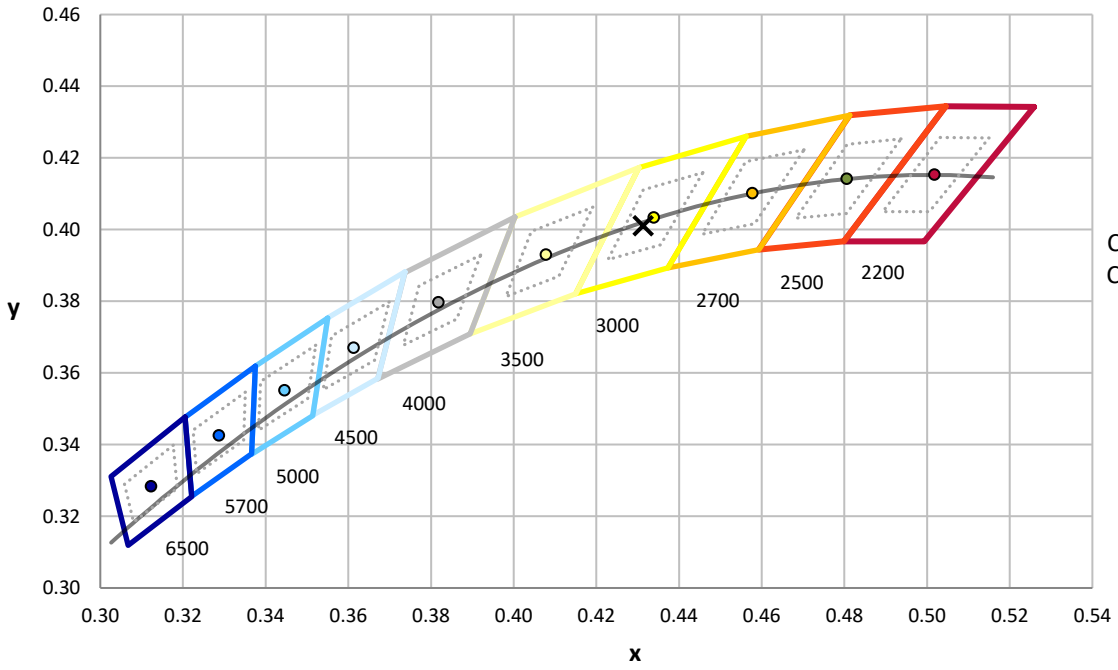
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-4

CIE 1931 Chromaticity Diagram



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

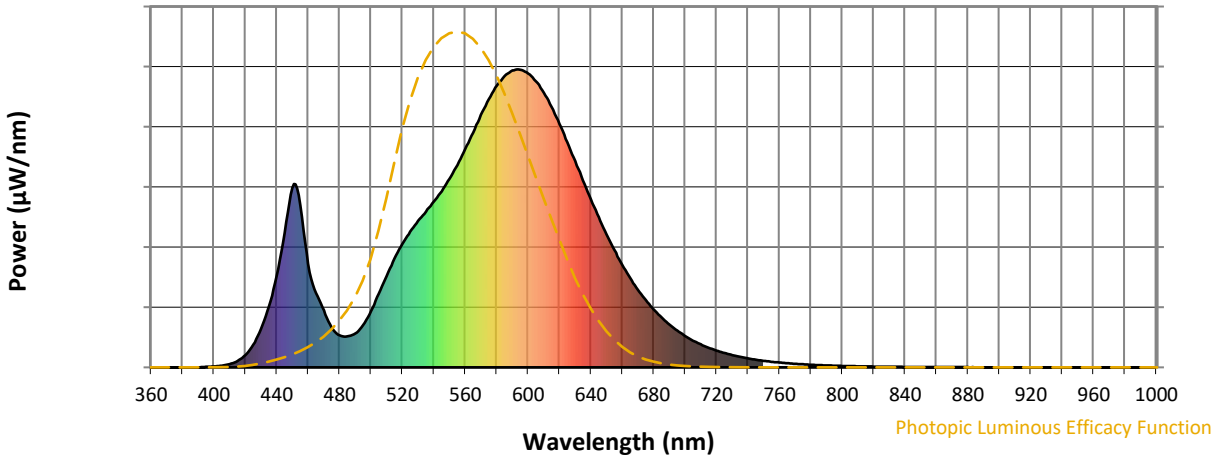


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-4

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	114	NR	620	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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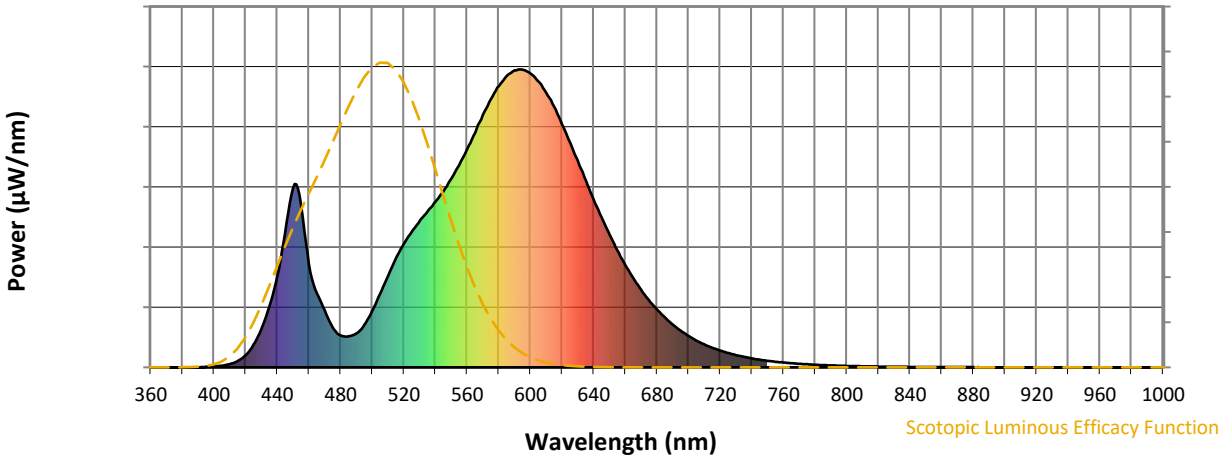
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.24**

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	114	NR	620	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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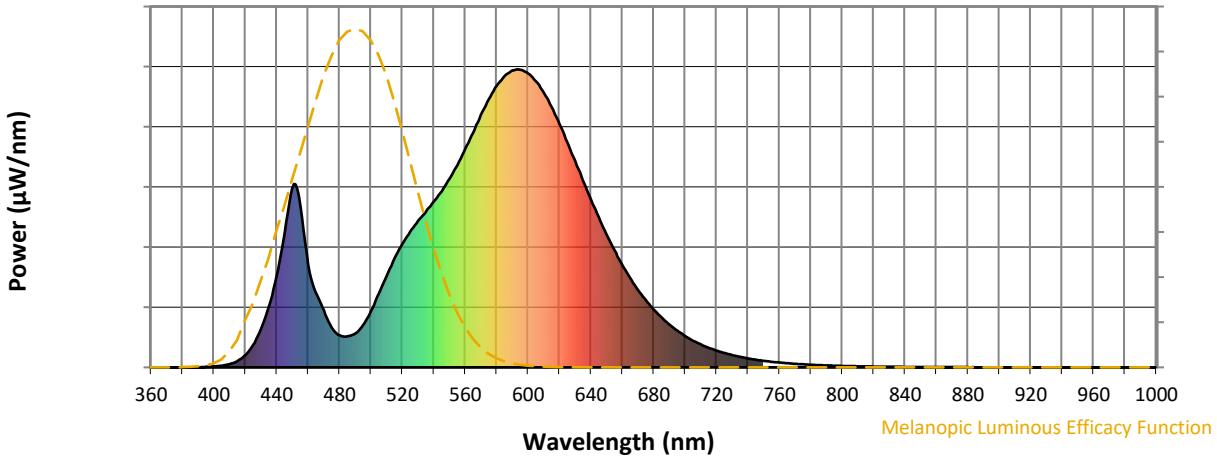
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.3**

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	114	NR	620	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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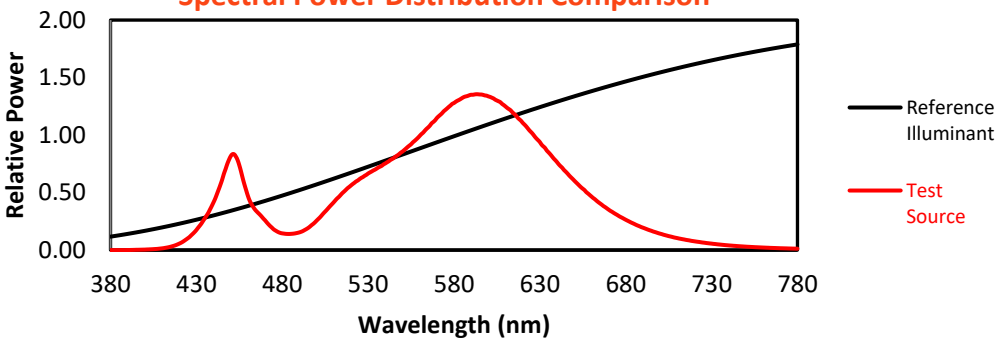
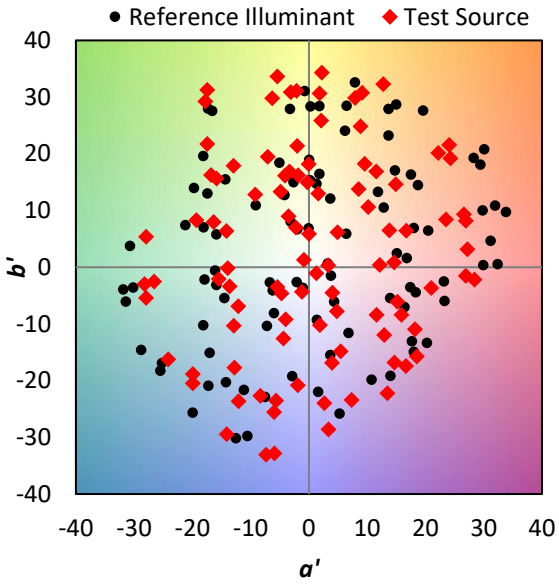
Summary

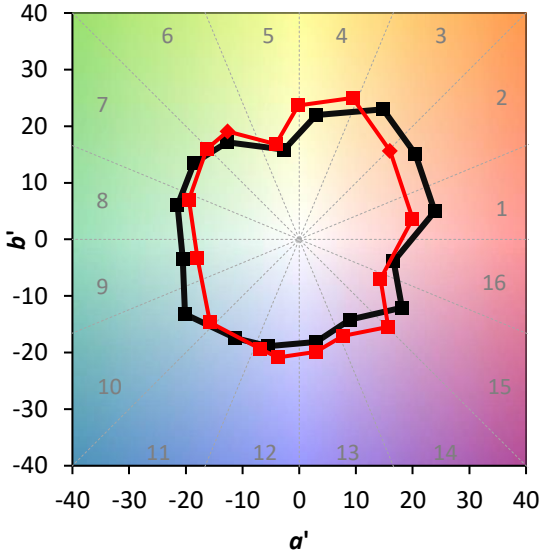
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

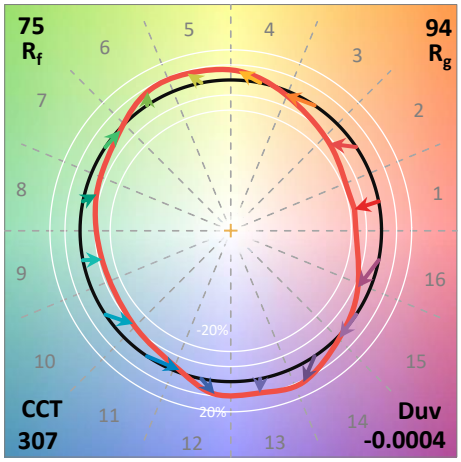
Spectral Power Distribution Comparison

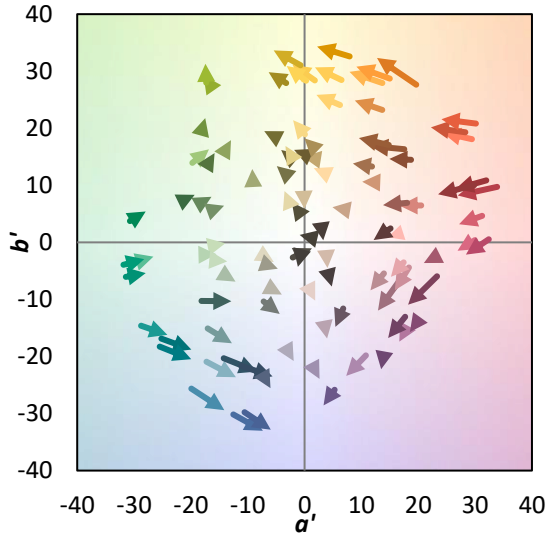


Color Vector Graphics









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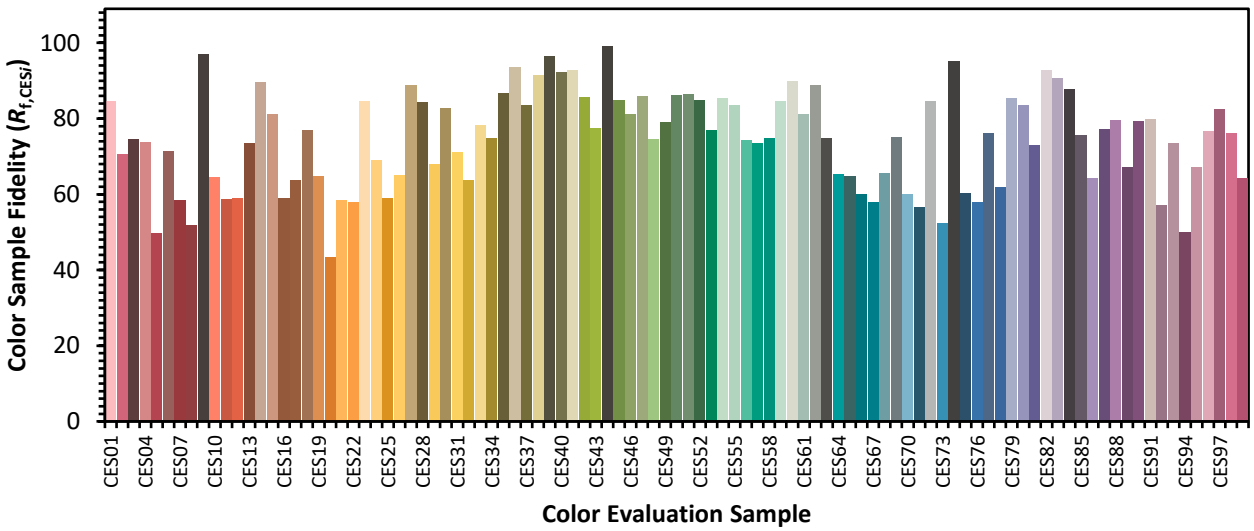
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 65	CES51 = 86	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 62
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 85
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 78	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 75	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 76
CES11 = 59	CES36 = 94	CES61 = 81	CES86 = 64
CES12 = 65	CES37 = 84	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 65	CES89 = 67
CES15 = 71	CES40 = 92	CES65 = 65	CES90 = 79
CES16 = 47	CES41 = 93	CES66 = 60	CES91 = 80
CES17 = 50	CES42 = 86	CES67 = 58	CES92 = 57
CES18 = 56	CES43 = 78	CES68 = 66	CES93 = 74
CES19 = 73	CES44 = 99	CES69 = 75	CES94 = 50
CES20 = 66	CES45 = 85	CES70 = 60	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 57	CES96 = 77
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 83
CES23 = 92	CES48 = 75	CES73 = 52	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 60	



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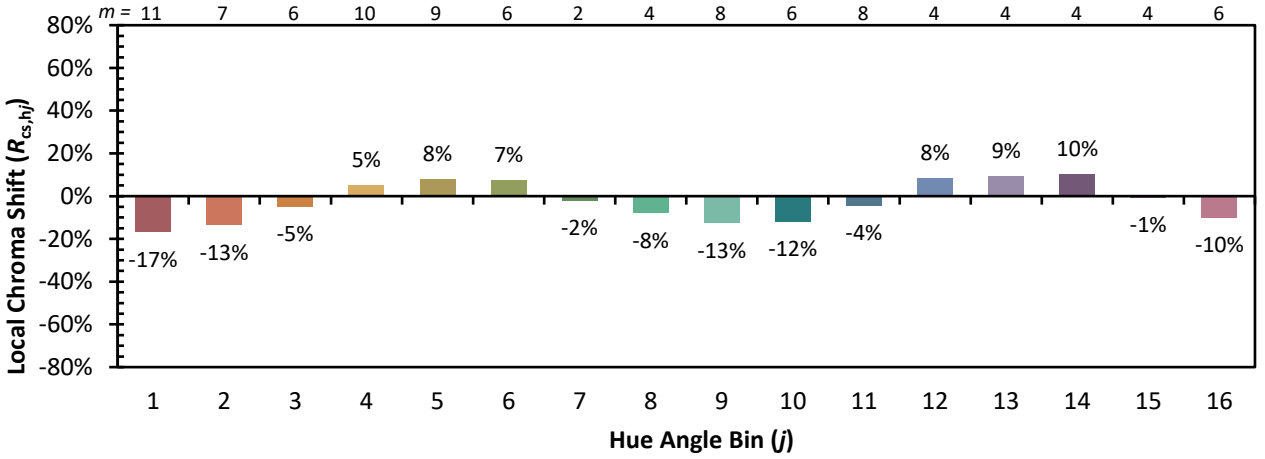
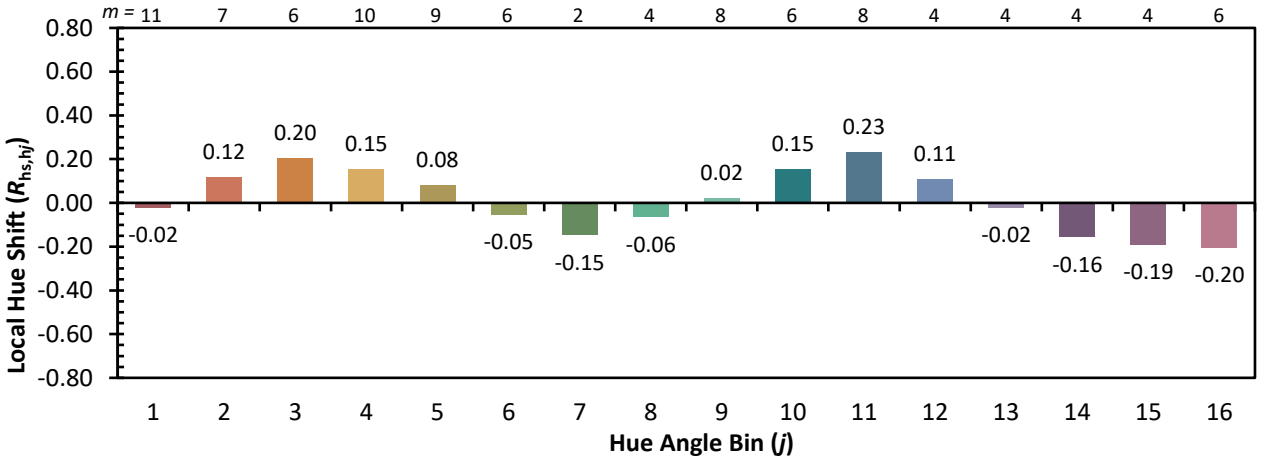
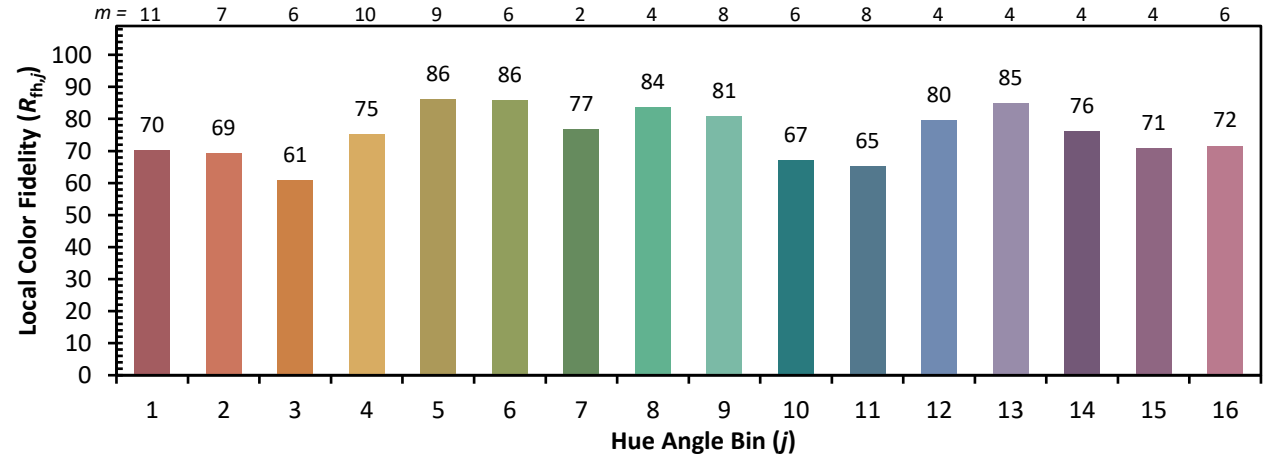
Color Rendition by Hue-Angle Bin







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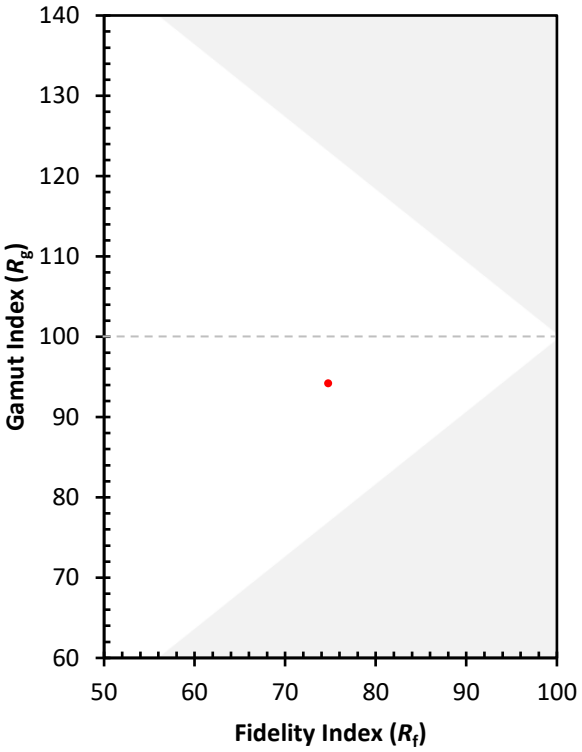
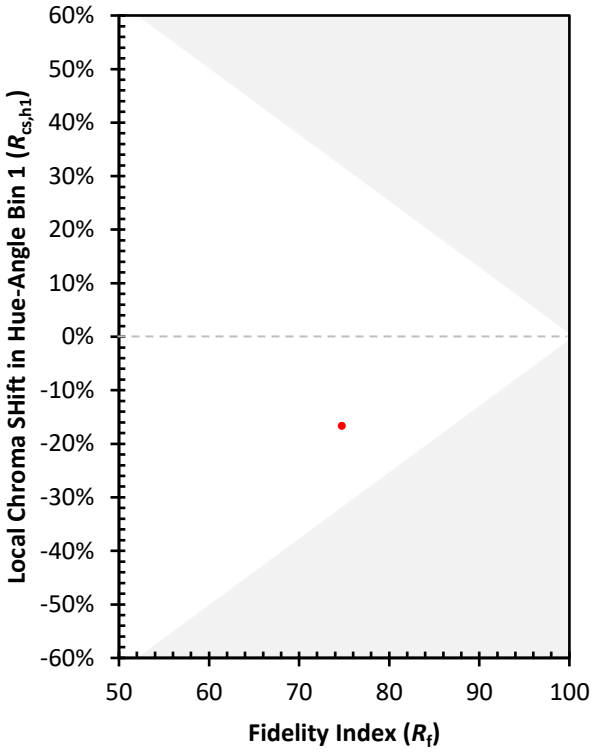
Measure Comparisons





(END OF REPORT)