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: P972391

Luminaire Tested: **GKO-PB2A-750-U-T2U**

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:	P972391
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2A-750-U-T2U
Description:	GEKKO WALL PACK 4000LM PACKAGE 70CRI 5000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(20) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4200.1 lumens
Efficiency:	N/A
Efficacy:	158.5 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	26.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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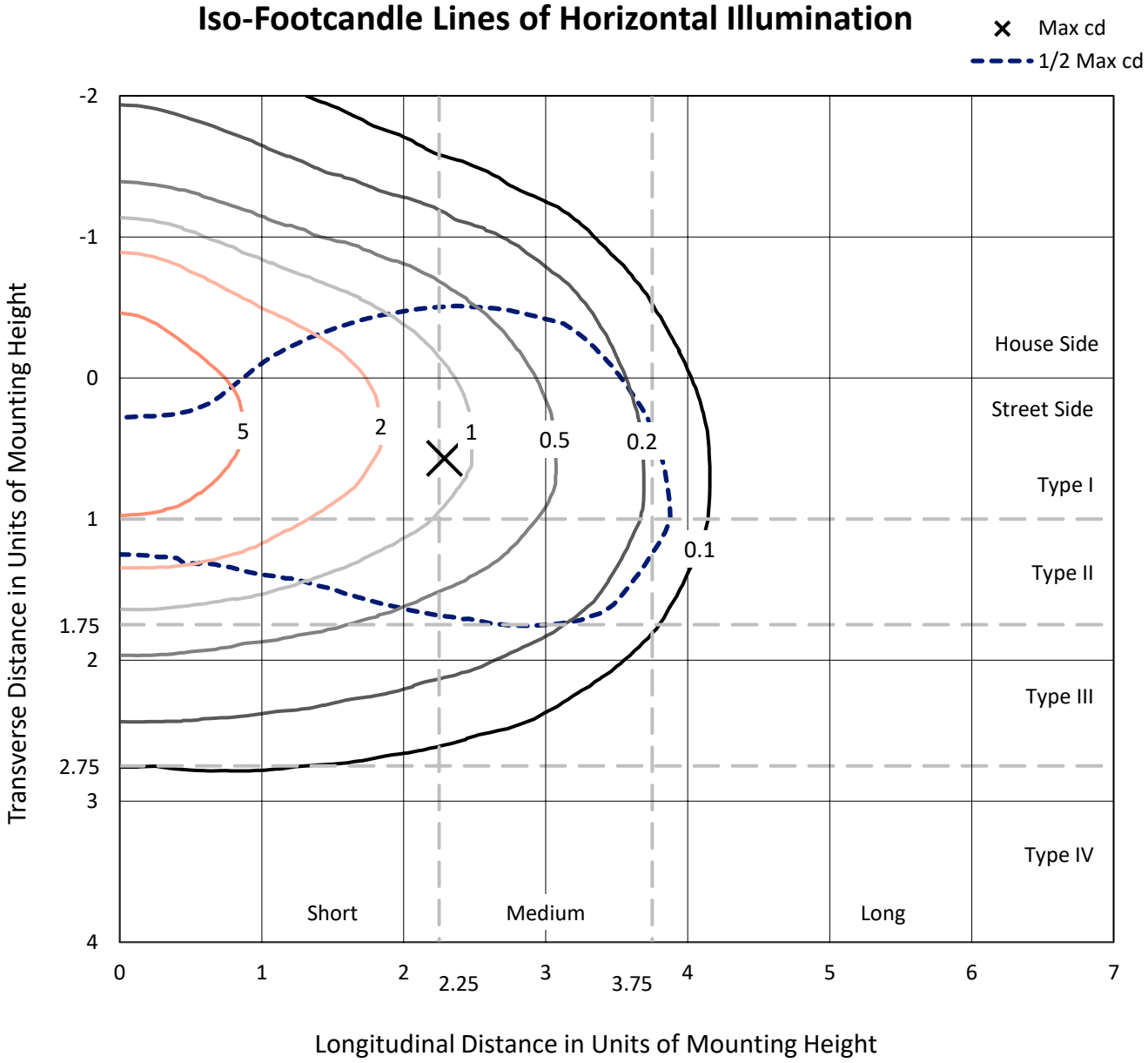
REPORT NUMBER: P972391
CATALOG NUMBER: GKO-PB2A-750-U-T2U

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 9.2 fc
Type II - Medium - N/A

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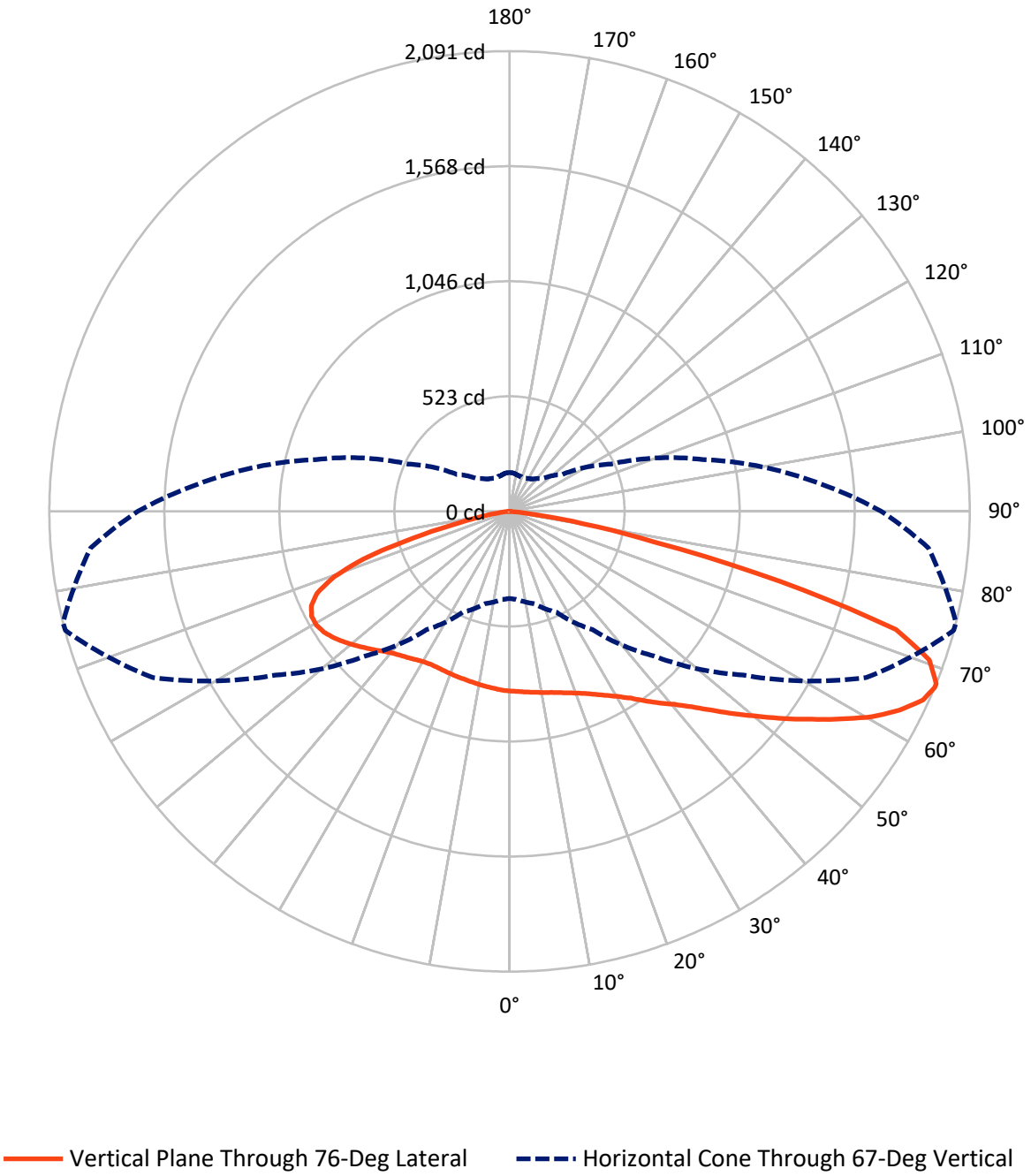
Luminous Intensity Polar Plot



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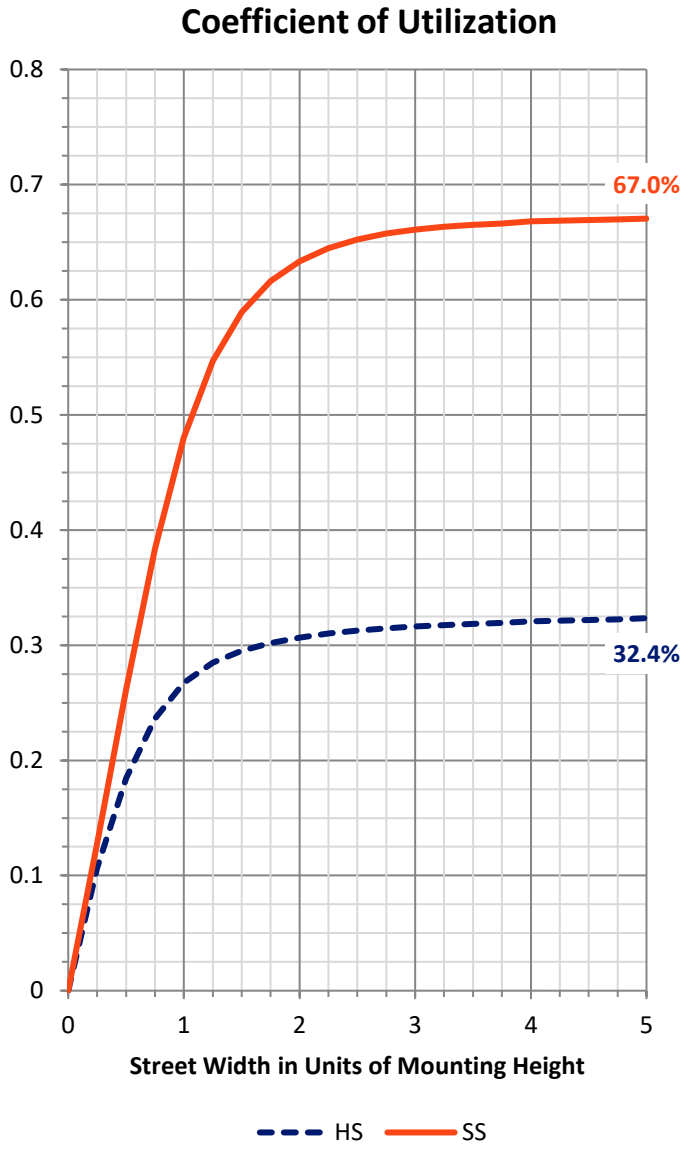
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1385.7	0.0	1385.7
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	2814.4	0.0	2814.4
	% Fixture	67.0	0.0	67.0
Total	Lumens	4200.1	0.0	4200.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.5	1.9
10°-20°	240.1	5.7
20°-30°	413.1	9.8
30°-40°	593.5	14.1
40°-50°	752.7	17.9
50°-60°	826.6	19.7
60°-70°	801.6	19.1
70°-80°	442.6	10.5
80°-90°	51.3	1.2
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°	4200.1	100.0
0°-180°	4200.1	100.0



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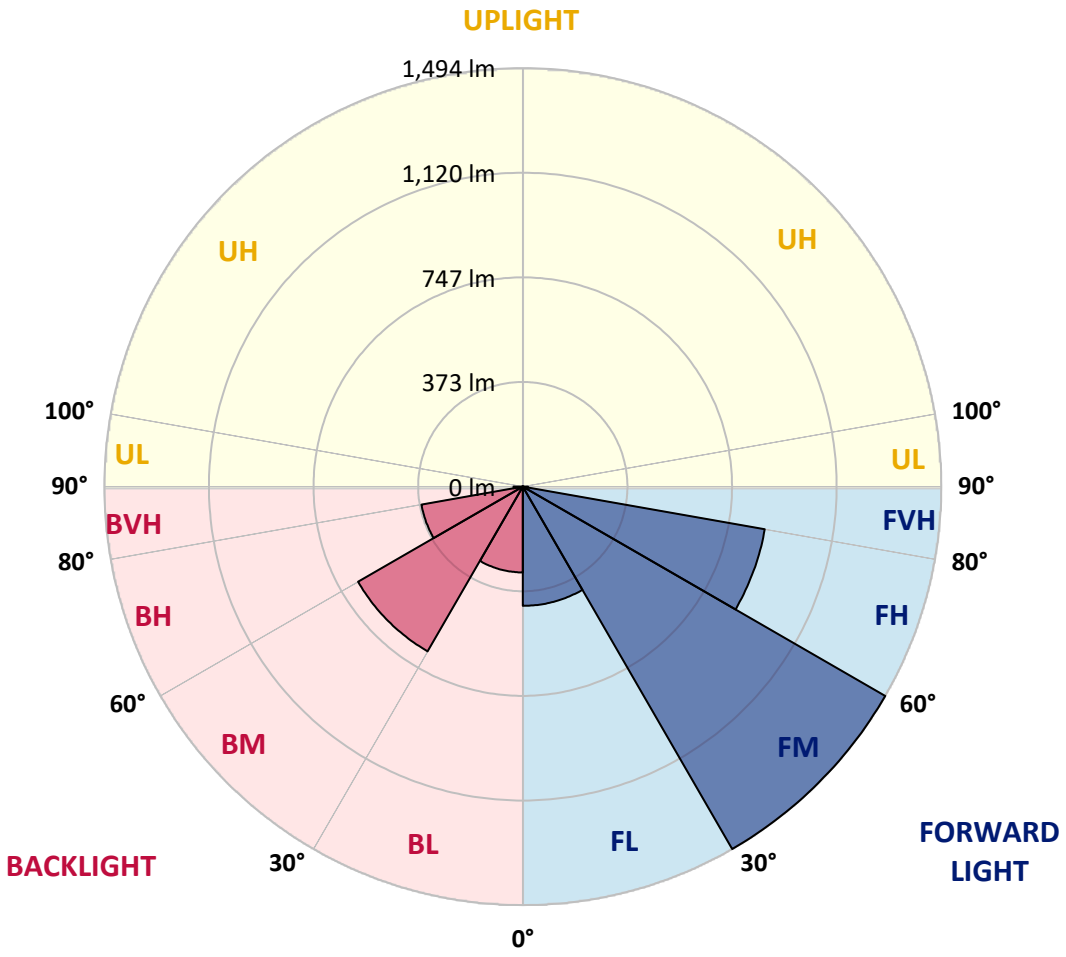
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	425.5	10.1			
FM	(30°-60°)	1493.9	35.6			
FH	(60°-80°)	876.9	20.9			G1/1800
FVH	(80°-90°)	18.1	0.4			G1/100
BL	(0°-30°)	306.2	7.3	B1/500		
BM	(30°-60°)	679.0	16.2	B1/1000		
BH	(60°-80°)	367.3	8.7	B1/500		G1/500
BVH	(80°-90°)	33.2	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type II Medium



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REPORT NUMBER: P972391
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	816.4	816.4	816.4	816.4	816.4	816.4	816.4	816.4	816.4	*816.4*	816.4
2.5°	840.8	840.0	839.2	839.2	835.9	832.7	829.4	827.0	820.5	*819.7*	816.4
5°	866.0	866.0	863.6	862.8	857.9	849.8	842.4	835.1	826.2	*824.6*	817.3
7.5°	898.5	898.5	894.4	891.2	883.9	870.9	857.9	844.9	831.9	*830.3*	818.9
10°	939.9	939.9	936.7	929.4	913.9	896.9	875.8	855.4	838.4	*836.8*	820.5
12.5°	983.0	983.8	978.9	968.4	949.7	923.7	897.7	868.4	846.5	*844.1*	823.8
15°	1026.9	1027.7	1024.4	1013.0	987.9	956.2	921.2	886.3	857.1	*854.6*	828.6
17.5°	1069.9	1071.5	1068.3	1055.3	1026.0	991.9	948.9	905.0	870.1	*866.8*	836.8
20°	1110.5	1110.5	1110.5	1095.9	1067.5	1028.5	978.9	927.7	884.7	*881.4*	846.5
22.5°	1147.1	1148.7	1151.1	1143.0	1110.5	1067.5	1013.9	952.9	903.4	*899.3*	858.7
25°	1183.6	1184.5	1191.0	1185.3	1153.6	1108.9	1051.2	984.6	926.1	*922.1*	873.3
27.5°	1225.9	1228.3	1232.4	1230.0	1194.2	1150.3	1092.7	1019.5	951.3	*947.2*	891.2
30°	1275.4	1275.4	1277.9	1273.8	1238.1	1194.2	1134.1	1056.1	983.0	*976.5*	913.1
32.5°	1316.1	1320.1	1318.5	1316.9	1279.5	1235.6	1176.3	1096.7	1019.5	*1011.4*	943.2
35°	1354.2	1355.1	1354.2	1355.9	1318.5	1277.1	1221.0	1143.8	1060.2	*1056.9*	981.4
37.5°	1376.2	1377.8	1381.9	1386.7	1353.4	1314.4	1265.7	1195.8	1110.5	*1104.8*	1026.9
40°	1386.7	1389.2	1411.1	1418.4	1382.7	1350.2	1312.8	1242.9	1159.3	*1152.8*	1072.3
42.5°	1403.0	1422.5	1433.9	1435.5	1404.6	1376.2	1353.4	1296.6	1219.4	*1213.7*	1133.3
45°	1349.4	1342.1	1372.1	1407.1	1405.4	1393.2	1392.4	1356.7	1293.3	*1287.6*	1202.3
47.5°	1281.9	1276.3	1292.5	1343.7	1380.2	1400.6	1430.6	1427.4	1382.7	*1374.6*	1282.8
50°	1121.1	1130.8	1210.5	1280.3	1343.7	1403.0	1463.1	1501.3	1469.6	*1463.1*	1368.1
52.5°	970.8	977.3	1031.7	1198.3	1296.6	1395.7	1491.5	1579.3	1571.2	*1563.8*	1461.5
55°	865.2	871.7	958.6	1065.0	1226.7	1358.3	1510.2	1653.2	1674.3	*1667.0*	1560.6
57.5°	754.7	765.3	824.6	918.0	1133.3	1296.6	1516.7	1727.9	1786.4	*1779.9*	1655.6
60°	648.3	662.9	697.8	799.4	1017.9	1223.5	1499.7	1788.1	1894.5	*1894.5*	1753.9
62.5°	550.0	558.1	594.7	686.5	871.7	1130.0	1456.6	1826.2	1993.6	*1989.5*	1840.1
65°	468.7	472.8	502.1	580.9	749.0	1026.9	1381.9	1823.8	2064.3	*2065.1*	1896.9
67°	*395.6*	*402.1*	*434.6*	*506.1*	*655.6*	*929.4*	*1295.8*	*1787.2*	*2089.5*	*2091.1*	*1910.7*
67.5°	370.4	377.8	413.5	487.4	636.1	902.6	1275.4	1771.8	2087.8	*2091.1*	1906.7
70°	255.1	256.7	316.8	401.3	523.2	760.4	1134.9	1664.6	2026.1	*2023.7*	1818.1
72.5°	162.5	160.0	217.7	293.3	420.8	615.8	957.8	1476.9	1838.4	*1836.0*	1602.8
75°	108.0	110.5	147.0	209.6	295.7	476.1	746.6	1114.6	1277.1	*1267.3*	1057.7
77.5°	77.2	75.6	91.0	151.1	198.2	289.2	405.4	593.0	678.3	*678.3*	580.9
80°	42.2	43.1	49.6	83.7	112.1	112.9	151.9	297.3	331.5	*338.8*	281.9
82.5°	12.2	13.0	17.9	28.4	30.9	34.1	52.8	85.3	89.4	*94.2*	76.4
85°	0.0	0.0	0.0	0.8	3.2	4.1	4.1	4.9	8.1	*8.1*	8.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.6	3.2	*3.2*	4.1
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: GKO-PB2A-750-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	816.4	816.4	816.4	816.4	816.4	816.4	816.4	816.4	816.4	816.4	816.4
2.5°	815.6	816.4	813.2	809.1	805.9	804.3	799.4	795.3	797.8	800.2	800.2
5°	814.8	814.0	807.5	800.2	795.3	792.1	784.0	778.3	779.1	781.5	780.7
7.5°	814.8	811.6	802.6	792.1	784.0	777.5	766.9	760.4	759.6	761.2	759.6
10°	815.6	809.9	797.8	783.1	771.8	762.0	749.0	741.7	739.3	740.1	738.5
12.5°	817.3	808.3	792.9	774.2	759.6	746.6	732.0	723.0	721.4	723.0	723.0
15°	819.7	808.3	788.8	766.1	746.6	732.0	717.3	709.2	709.2	710.0	710.0
17.5°	824.6	810.8	785.6	757.1	733.6	717.3	704.3	698.7	699.5	701.9	701.9
20°	829.4	814.0	782.3	748.2	722.2	703.5	693.0	688.9	692.2	695.4	695.4
22.5°	836.8	818.1	779.1	740.1	709.2	690.5	681.6	678.3	681.6	685.7	684.0
25°	848.1	825.4	776.6	732.8	697.0	676.7	667.8	664.5	666.2	669.4	669.4
27.5°	861.1	834.3	775.8	723.8	682.4	660.5	649.9	645.0	645.0	645.8	646.7
30°	883.1	849.8	779.1	717.3	669.4	643.4	629.6	622.3	621.5	624.7	624.7
32.5°	909.1	870.9	787.2	711.6	656.4	623.1	604.4	598.7	597.1	599.5	597.1
35°	938.3	894.4	797.8	710.8	643.4	601.2	580.0	573.5	568.7	567.0	565.4
37.5°	979.7	926.9	808.3	706.8	630.4	577.6	554.9	541.0	535.4	533.7	533.7
40°	1020.4	958.6	821.3	700.3	615.0	554.0	521.6	506.1	503.7	503.7	503.7
42.5°	1071.5	1000.0	839.2	696.2	596.3	530.5	485.8	467.9	467.9	467.9	467.1
45°	1134.9	1054.5	861.9	694.6	578.4	502.1	447.6	424.1	423.3	422.4	421.6
47.5°	1208.8	1111.3	883.9	690.5	557.3	467.9	403.8	377.8	372.1	370.4	368.0
50°	1285.2	1173.1	907.4	684.8	532.1	428.1	362.3	332.3	320.1	316.0	317.6
52.5°	1366.4	1233.2	930.2	676.7	502.1	388.3	320.1	288.4	276.2	271.3	270.5
55°	1446.0	1294.1	951.3	666.2	469.6	347.7	284.3	253.5	242.9	241.3	241.3
57.5°	1526.5	1352.6	967.6	650.7	433.8	312.0	253.5	228.3	221.0	224.2	224.2
60°	1599.6	1403.8	975.7	629.6	398.1	279.5	229.1	210.4	207.2	215.3	214.5
62.5°	1665.4	1437.9	971.6	598.7	363.1	251.8	210.4	196.6	197.4	207.2	208.0
65°	1697.1	1443.6	948.1	556.5	324.1	228.3	190.9	177.9	179.5	190.1	192.5
67°	*1689.8*	*1421.7*	*909.1*	*508.6*	*292.5*	*210.4*	*178.7*	*165.7*	*166.5*	*175.5*	*176.3*
67.5°	1681.6	1411.1	898.5	493.9	284.3	207.2	175.5	163.3	164.9	173.0	173.0
70°	1573.6	1303.9	801.0	419.2	246.2	184.4	160.0	151.9	153.5	158.4	158.4
72.5°	1375.4	1129.2	648.3	336.3	208.8	163.3	144.6	139.7	139.7	139.7	135.7
75°	877.4	707.6	424.1	257.5	172.2	139.7	130.0	124.3	121.0	125.9	124.3
77.5°	485.0	369.6	221.0	147.9	124.3	116.2	112.9	110.5	109.7	121.0	117.8
80°	229.9	182.8	124.3	84.5	71.5	86.1	97.5	95.9	114.5	156.8	157.6
82.5°	73.1	60.1	50.4	46.3	47.9	61.7	75.6	86.9	148.7	168.2	165.7
85°	8.9	8.1	5.7	18.7	31.7	45.5	58.5	112.9	136.5	113.7	107.2
87.5°	3.2	3.2	3.2	13.0	24.4	34.9	52.8	113.7	83.7	76.4	69.9
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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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

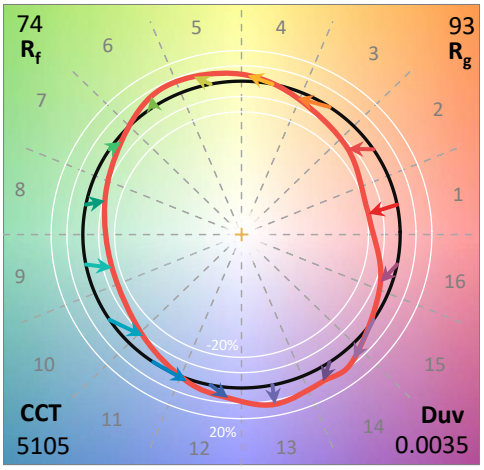
Test Information

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
CIE u':	0.2079
CIE v':	0.4868
Duv:	0.0035
CIE x:	0.3428
CIE y:	0.3567
CIE z:	0.3005
Peak Wavelength (nm):	451
Dominant Wavelength (nm):	567
Purity:	9.884628
Rf:	74.2
Rg:	92.7

CRI (Ra):	72.2
R1:	68.8
R2:	78.3
R3:	84.9
R4:	71.7
R5:	69.8
R6:	69.8
R7:	81.2
R8:	53.5
R9:	-38.2
R10:	48.2
R11:	68.1
R12:	42.9
R13:	70.6
R14:	91.6
R15:	61.7



Test Conditions

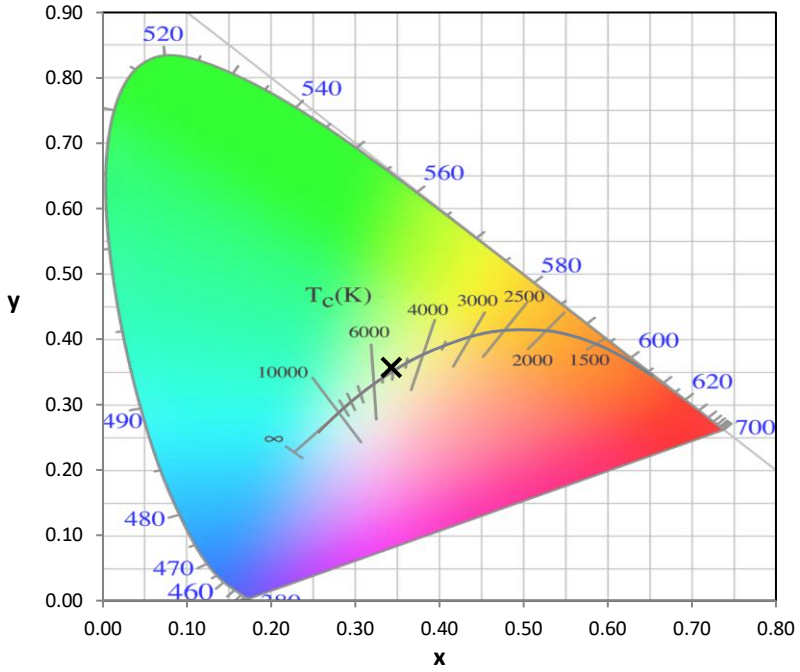
Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-5

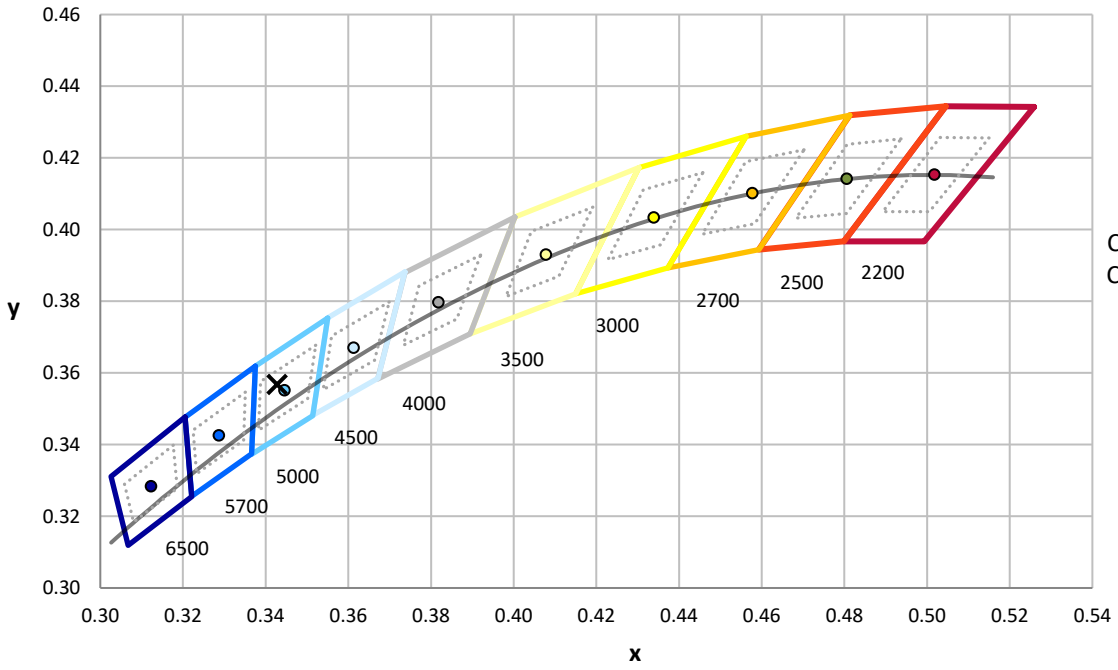
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

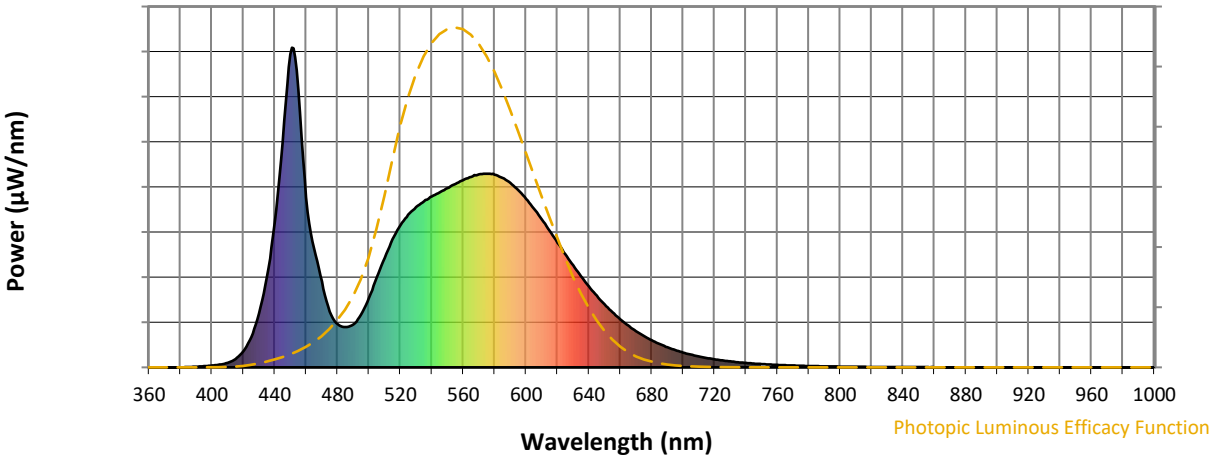


CCT = 5105K
CIE x = 0.3428
CIE y = 0.3567
Duv = 0.0035

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			

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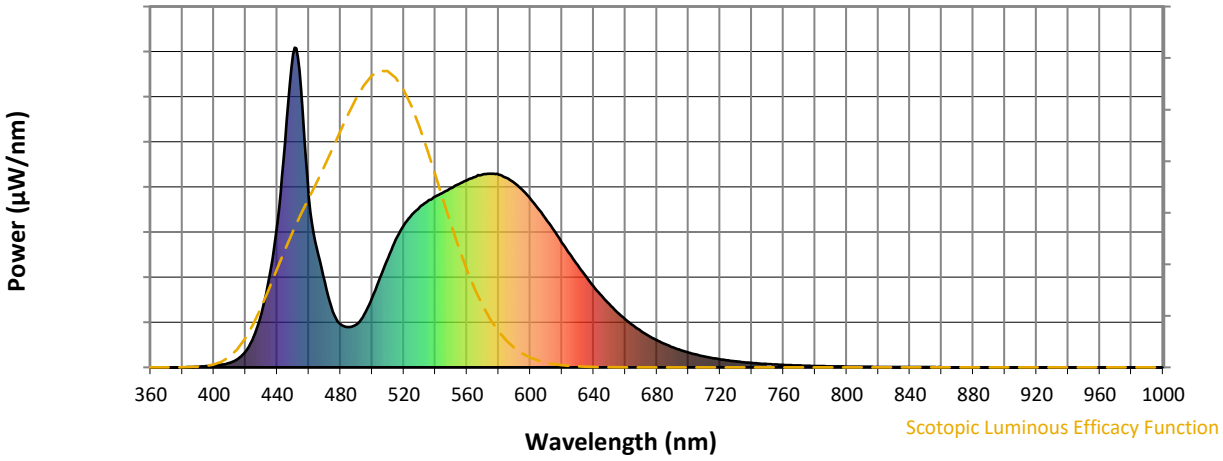
Scotopic Flux vs. Wavelength



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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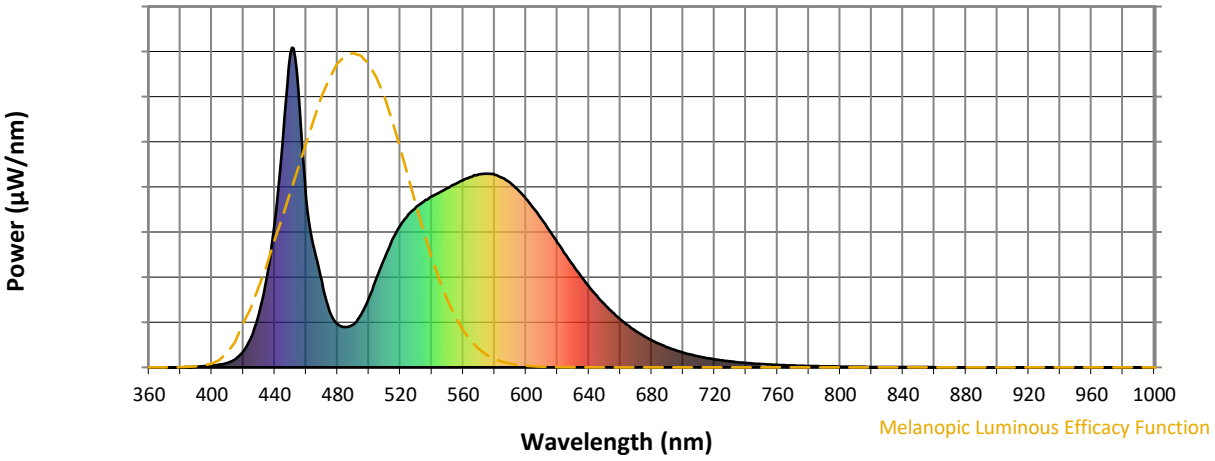
Melanopic Flux vs. Wavelength



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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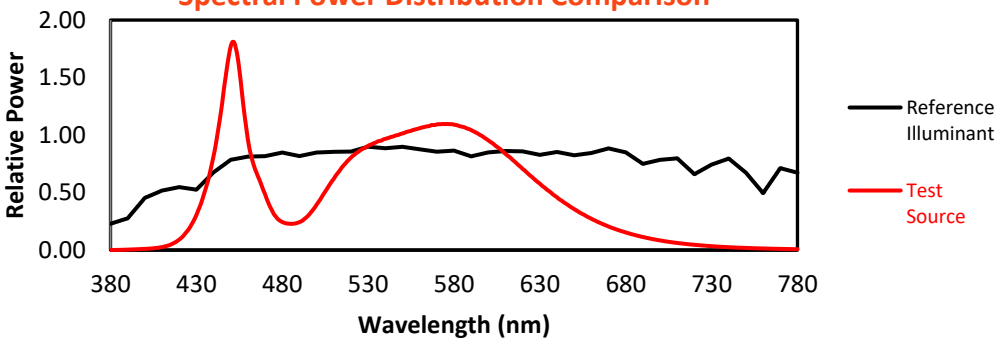
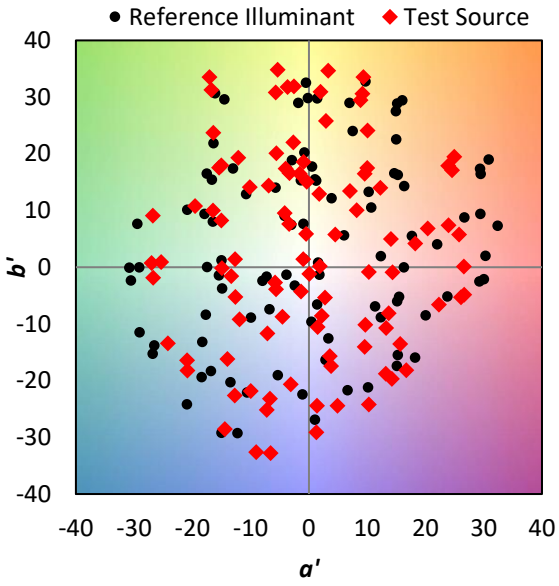
Summary

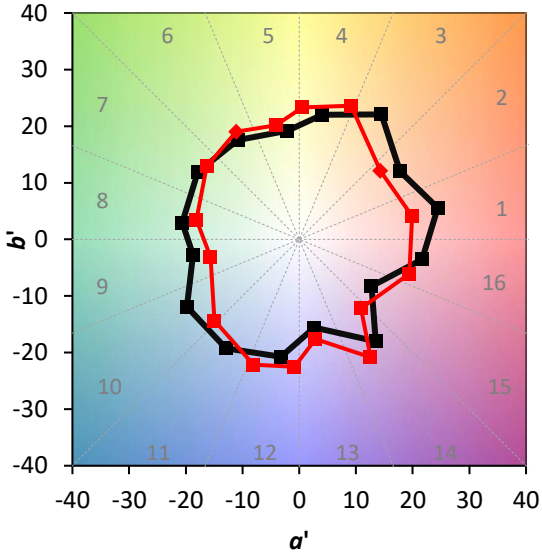
R_f = 74.2
R_g = 92.7
CIE R_a = 72.2
R_9 = -38.2

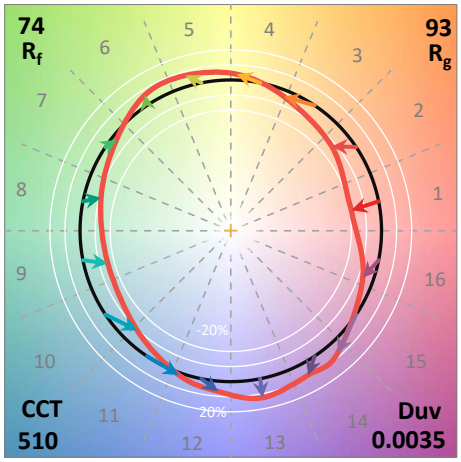
Spectral Power Distribution Comparison

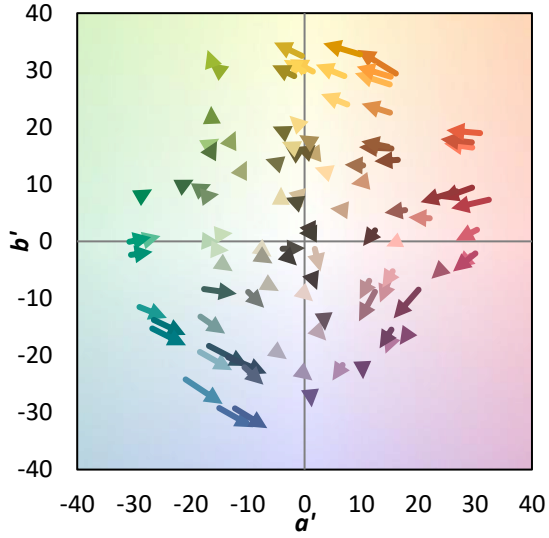


Color Vector Graphics









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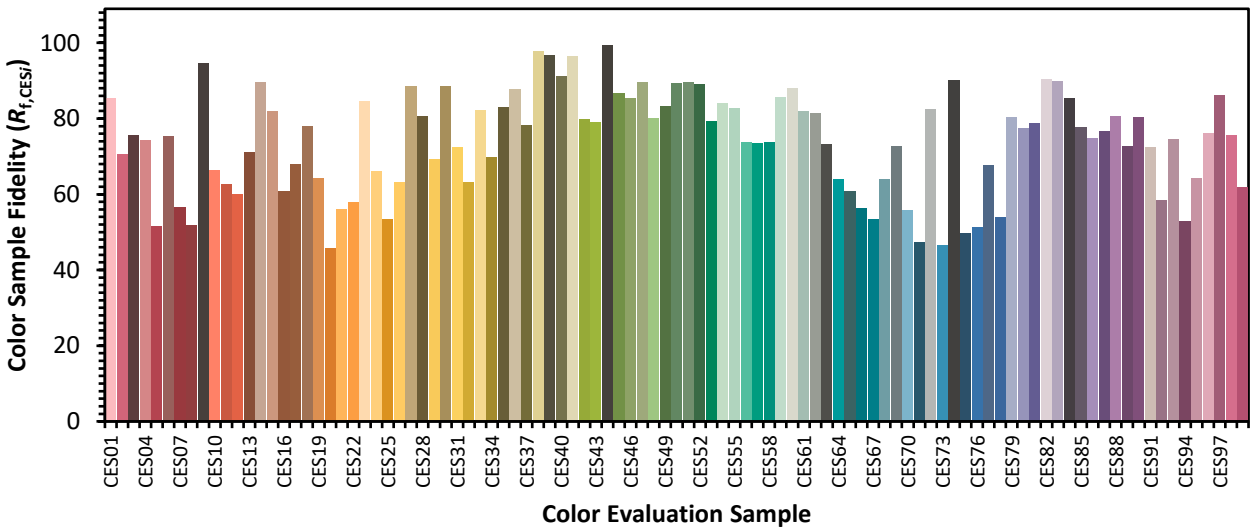
Individual Sample Fidelity Index ($R_{f,i}$)

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	



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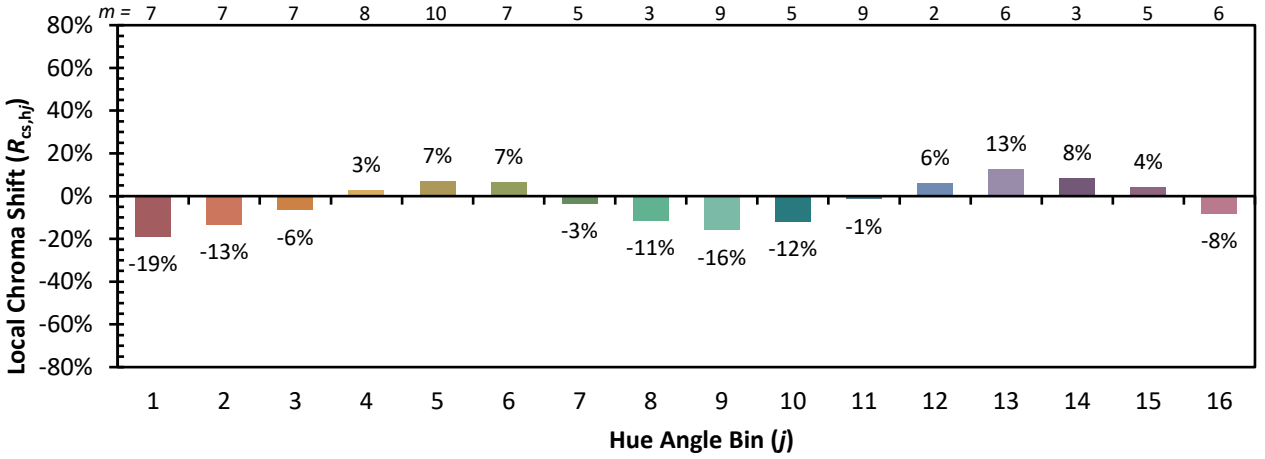
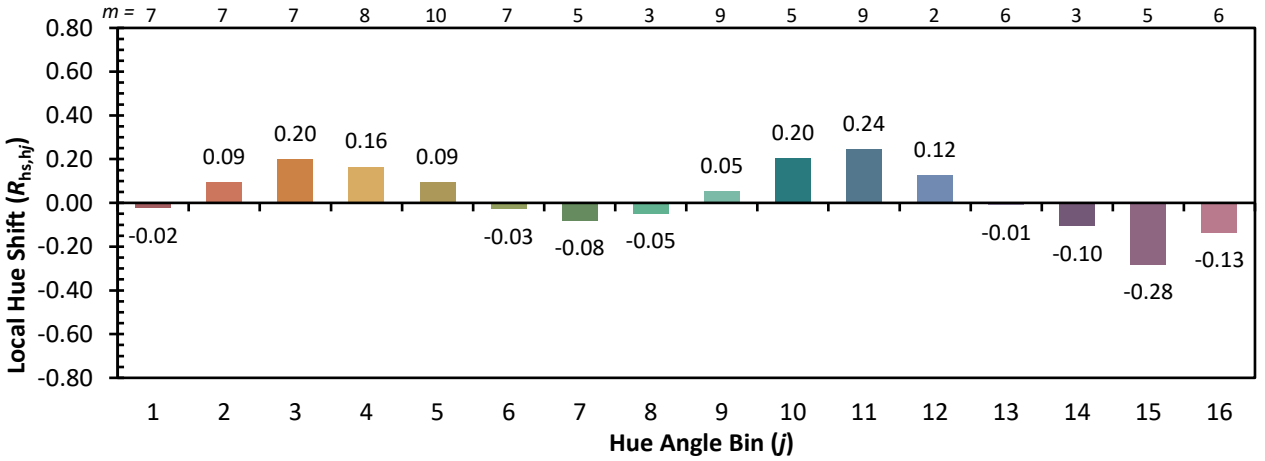
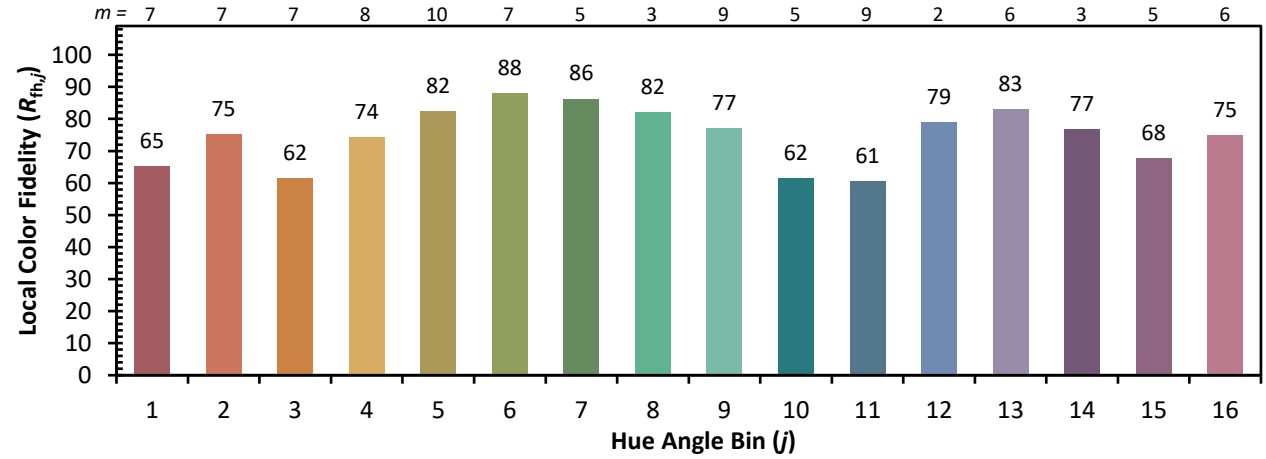
Color Rendition by Hue-Angle Bin







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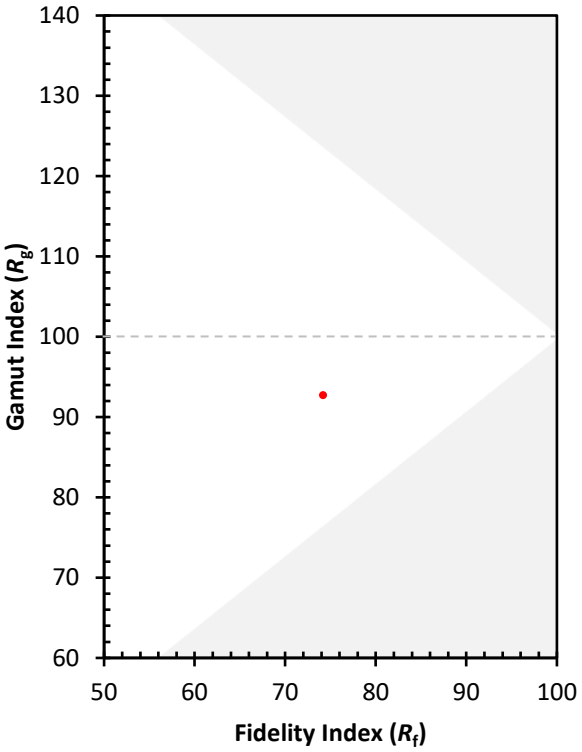
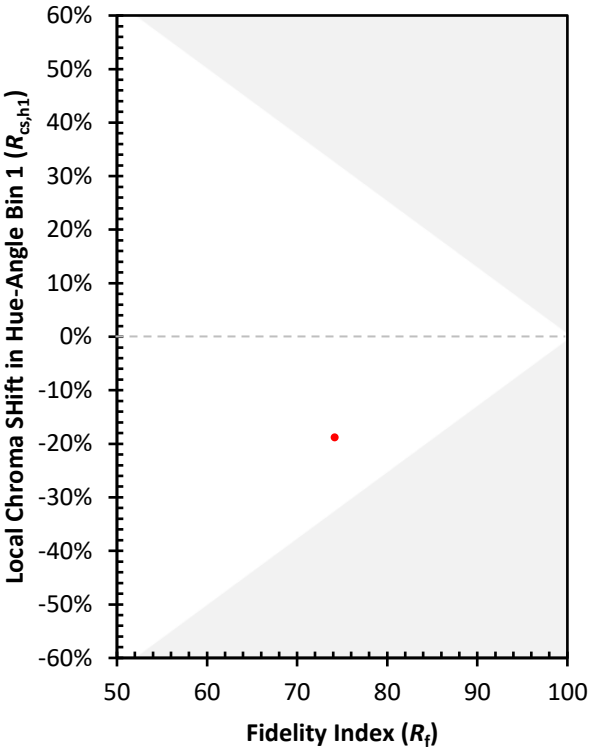
Measure Comparisons





(END OF REPORT)