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: P972202

Luminaire Tested: **GKO-PB1E-727-U-T4W**

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:	P972202
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1E-727-U-T4W
Description:	GEKKO WALL PACK 5000LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(10) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4596.2 lumens
Efficiency:	N/A
Efficacy:	118.8 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	38.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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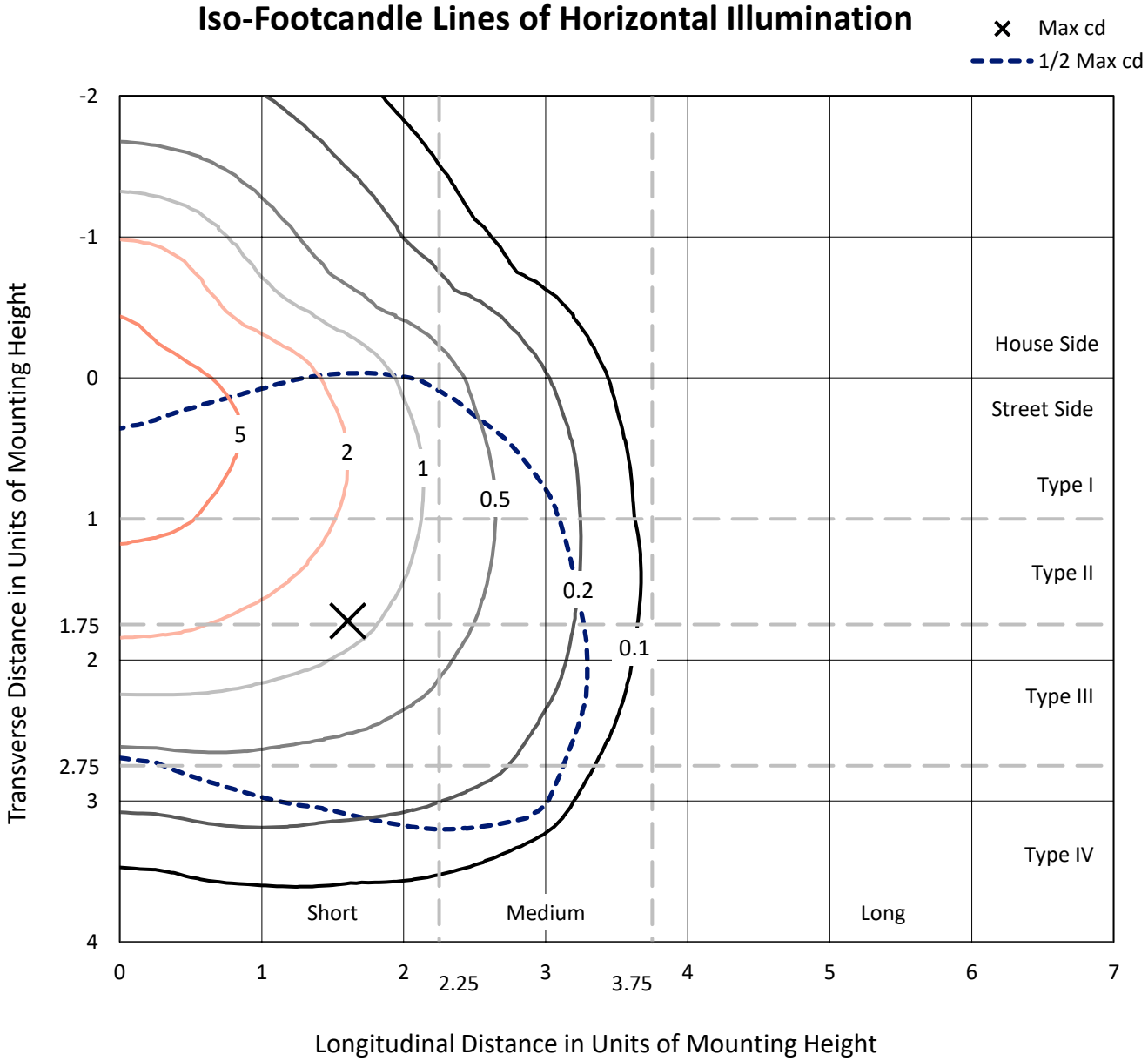
REPORT NUMBER: P972202
CATALOG NUMBER: GKO-PB1E-727-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 8.8 fc
Type IV - Short - N/A

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REPORT NUMBER: P972202
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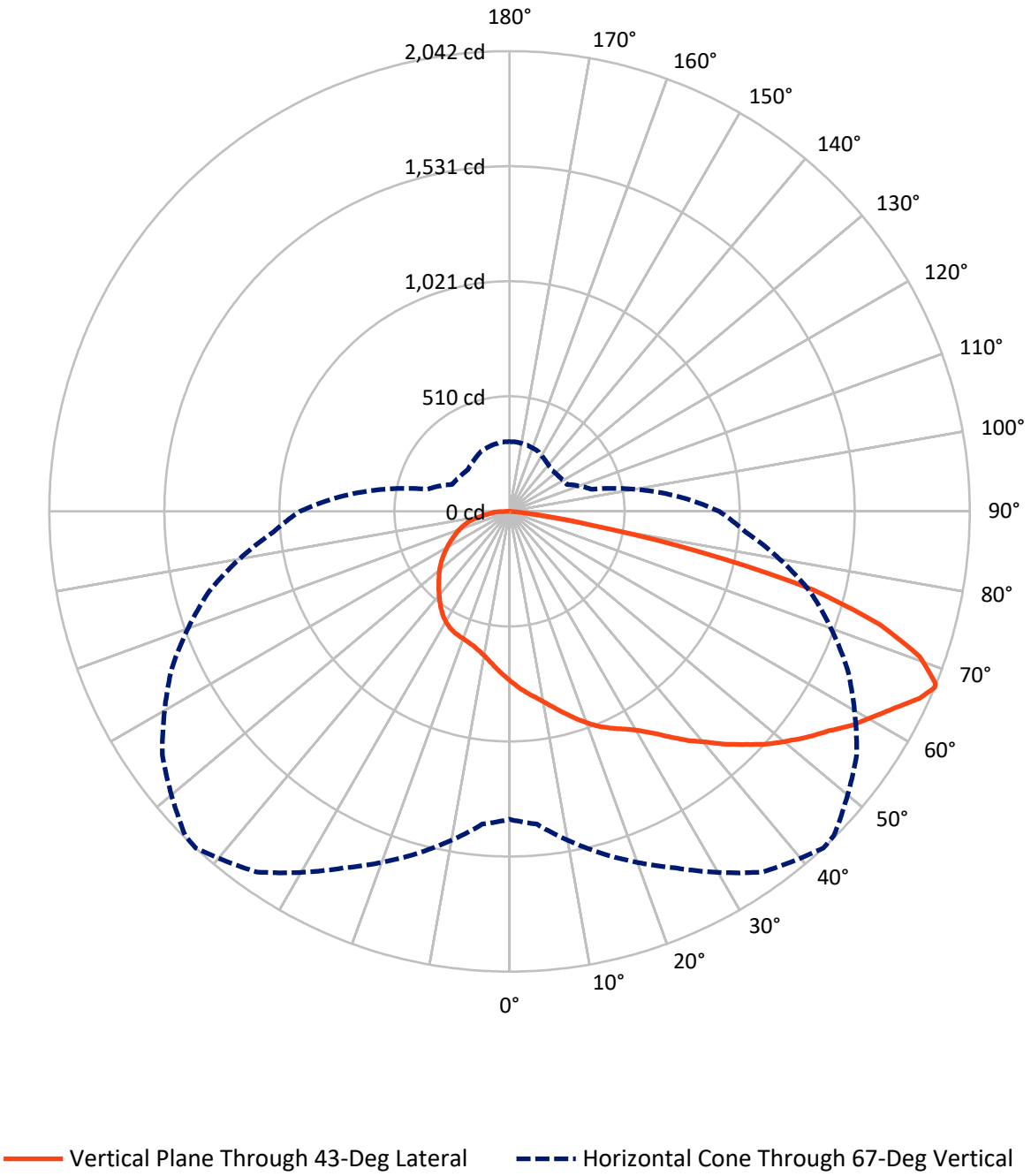
Luminous Intensity Polar Plot



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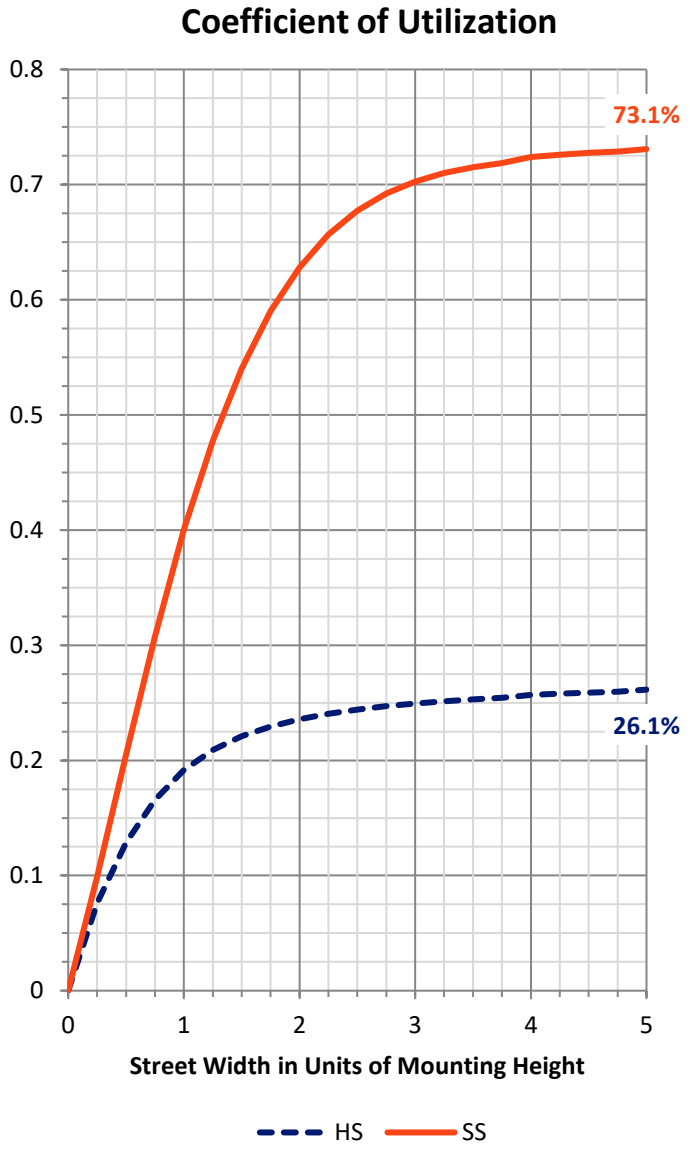
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1236.2	0.0	1236.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	3360.0	0.0	3360.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	4596.2	0.0	4596.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.1	1.6
10°-20°	221.6	4.8
20°-30°	383.7	8.3
30°-40°	569.4	12.4
40°-50°	773.6	16.8
50°-60°	949.6	20.7
60°-70°	1000.9	21.8
70°-80°	552.5	12.0
80°-90°	72.8	1.6
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°	4596.2	100.0
0°-180°	4596.2	100.0



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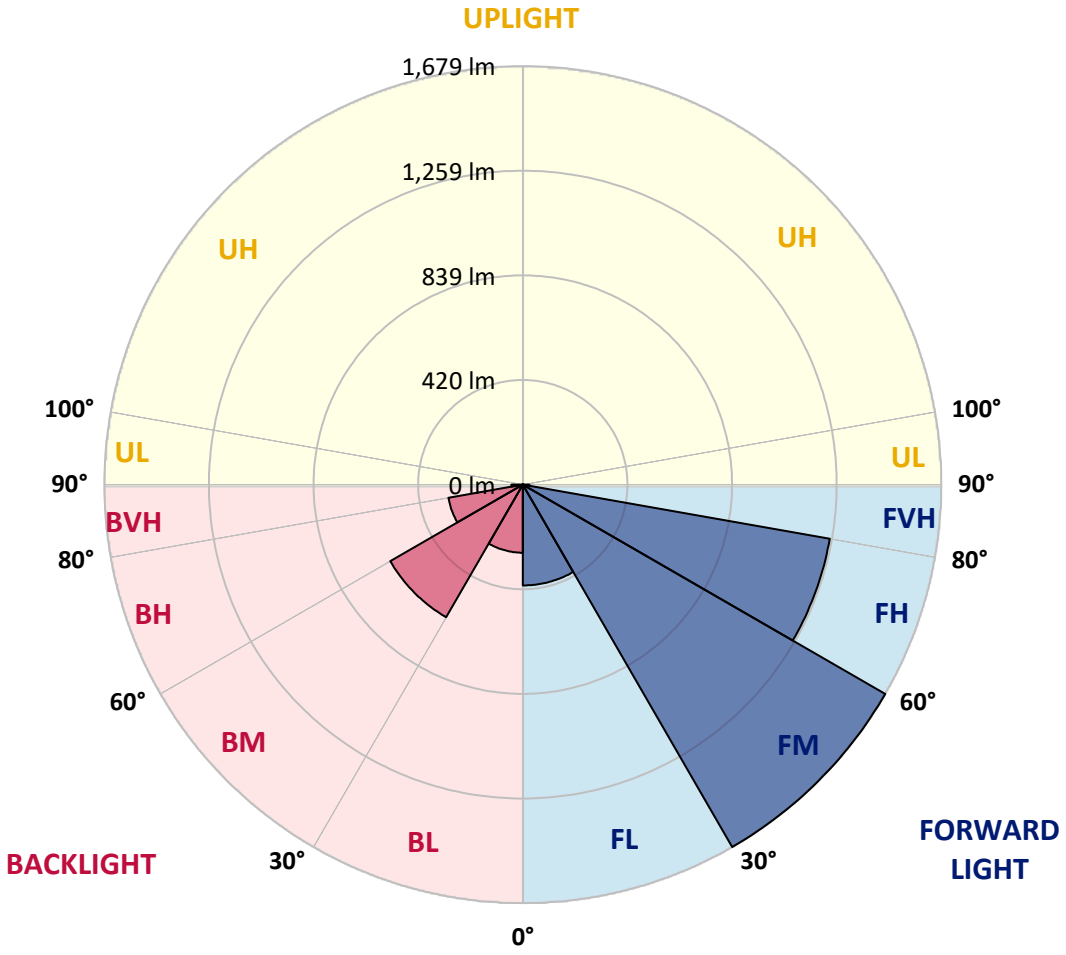
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	404.3	8.8			
FM	(30°-60°)	1678.7	36.5			
FH	(60°-80°)	1250.4	27.2			G1/1800
FVH	(80°-90°)	26.6	0.6			G1/100
BL	(0°-30°)	273.1	5.9	B1/500		
BM	(30°-60°)	614.0	13.4	B1/1000		
BH	(60°-80°)	302.9	6.6	B1/500		G1/500
BVH	(80°-90°)	46.2	1.0			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 IV Short



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REPORT NUMBER: P972202
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	754.4	754.4	754.4	754.4	754.4	*754.4*	754.4	754.4	754.4	754.4	754.4
2.5°	789.4	791.2	789.4	787.5	783.8	*782.0*	780.2	775.6	770.0	761.8	755.3
5°	824.3	824.3	821.6	819.7	814.2	*808.7*	805.9	794.9	782.9	769.1	756.2
7.5°	856.5	860.2	855.6	851.0	842.7	*833.5*	831.7	815.1	798.6	780.2	760.8
10°	897.0	899.8	893.3	889.6	874.0	*862.0*	858.4	838.1	816.0	793.0	768.2
12.5°	938.4	940.2	935.6	927.4	910.8	*896.1*	890.6	863.9	835.4	807.8	776.5
15°	974.3	976.1	974.3	965.1	949.4	*931.0*	923.7	894.2	859.3	823.4	786.6
17.5°	1001.0	1004.6	1004.6	1000.0	986.2	*968.8*	964.2	927.4	886.9	841.8	798.6
20°	1024.0	1025.8	1029.5	1026.7	1019.4	*1004.6*	998.2	963.2	914.5	863.0	810.5
22.5°	1042.4	1044.2	1050.6	1049.7	1045.1	*1037.8*	1031.3	999.1	946.7	884.1	821.6
25°	1074.6	1073.6	1077.3	1074.6	1069.0	*1066.3*	1062.6	1034.1	978.9	909.0	836.3
27.5°	1130.7	1128.8	1125.2	1111.4	1097.6	*1093.9*	1091.1	1070.9	1016.6	937.5	852.8
30°	1213.5	1215.3	1197.8	1166.6	1139.0	*1127.9*	1124.2	1110.4	1058.9	970.6	871.2
32.5°	1311.9	1311.0	1282.5	1238.3	1195.1	*1173.0*	1165.6	1150.9	1101.2	1003.7	892.4
35°	1382.8	1380.9	1366.2	1326.6	1281.6	*1229.1*	1215.3	1192.3	1146.3	1041.4	913.6
37.5°	1478.4	1475.7	1447.2	1405.8	1365.3	*1289.8*	1274.2	1242.9	1189.6	1078.2	937.5
40°	1587.9	1570.4	1523.5	1481.2	1426.0	*1346.0*	1333.1	1292.6	1239.2	1123.3	965.1
42.5°	1687.3	1661.5	1600.8	1547.4	1478.4	*1412.2*	1395.6	1347.8	1287.1	1164.7	993.6
45°	1836.3	1773.8	1686.4	1655.1	1535.5	*1474.8*	1461.0	1402.1	1339.5	1209.8	1022.1
47.5°	1817.9	1773.8	1745.2	1741.6	1595.3	*1542.8*	1522.6	1461.9	1395.6	1257.6	1051.6
50°	1853.8	1818.8	1820.7	1775.6	1649.6	*1600.8*	1586.1	1524.4	1452.7	1304.6	1082.8
52.5°	1846.4	1856.6	1851.0	1781.1	1702.0	*1661.5*	1650.5	1588.8	1507.0	1349.6	1110.4
55°	1905.3	1899.8	1887.8	1818.8	1760.0	*1718.6*	1709.4	1656.0	1562.2	1388.3	1134.4
57.5°	1948.6	1920.0	1919.1	1861.2	1824.4	*1790.3*	1775.6	1725.0	1613.7	1422.3	1152.8
60°	1921.9	1887.8	1912.7	1867.6	1863.9	*1851.0*	1842.8	1785.7	1659.7	1448.1	1160.1
62.5°	1779.3	1787.6	1861.2	1858.4	1907.2	*1919.1*	1909.9	1828.0	1690.0	1457.3	1154.6
65°	1590.7	1615.5	1728.7	1825.3	1957.8	*1999.2*	1990.0	1858.4	1687.3	1436.1	1117.8
67°	*1366.2*	*1392.9*	*1569.5*	*1745.2*	*1953.2*	*2041.5*	*2035.0*	*1880.5*	*1654.2*	*1381.8*	*1051.6*
67.5°	1316.5	1346.9	1523.5	1708.4	1936.6	*2037.8*	2033.2	1882.3	1643.1	1356.1	1025.8
70°	968.8	1004.6	1254.0	1501.4	1804.1	*1931.1*	1930.2	1813.3	1529.0	1216.2	889.6
72.5°	603.5	635.7	894.2	1171.2	1563.1	*1719.5*	1713.0	1579.6	1316.5	992.7	702.0
75°	369.8	390.1	563.0	763.6	1133.4	*1392.0*	1401.2	1234.6	897.9	589.7	396.5
77.5°	226.3	248.4	355.1	471.0	692.8	*865.7*	867.6	684.5	460.9	321.1	217.1
80°	126.0	131.6	184.9	246.6	355.1	*357.0*	342.2	301.8	239.2	154.6	111.3
82.5°	49.7	53.4	80.0	99.4	101.2	*105.8*	98.4	89.2	75.4	49.7	35.0
85°	0.0	0.0	0.0	1.8	6.4	*12.9*	12.9	9.2	3.7	2.8	2.8
87.5°	0.0	0.0	0.0	0.9	0.9	*0.9*	0.9	0.9	0.9	0.9	0.9
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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Scaled Data Report

REPORT NUMBER: P972202
CATALOG NUMBER: GKO-PB1E-727-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	754.4	754.4	754.4	754.4	754.4	754.4	754.4	754.4	754.4	754.4	754.4
2.5°	753.5	752.6	746.1	738.8	733.2	728.6	724.0	718.5	718.5	720.4	719.4
5°	751.6	747.0	735.1	722.2	712.1	702.9	694.6	687.2	686.3	687.2	688.2
7.5°	752.6	744.3	725.9	706.6	690.0	678.0	666.1	660.6	659.6	659.6	659.6
10°	756.2	744.3	719.4	692.8	672.5	655.0	642.2	636.6	637.6	638.5	639.4
12.5°	762.7	746.1	714.8	680.8	655.0	637.6	624.7	620.1	623.8	628.4	629.3
15°	769.1	749.8	710.2	670.7	641.2	621.9	612.7	611.8	618.2	626.5	628.4
17.5°	776.5	752.6	704.7	657.8	626.5	610.9	606.3	609.0	619.2	632.0	634.8
20°	783.8	756.2	698.3	645.8	612.7	601.7	604.4	612.7	625.6	641.2	644.0
22.5°	791.2	759.0	690.0	631.1	598.0	594.3	604.4	618.2	631.1	648.6	652.3
25°	799.5	762.7	679.9	612.7	583.3	586.0	603.5	620.1	633.9	652.3	656.9
27.5°	812.4	768.2	669.8	596.2	566.7	575.9	598.9	619.2	633.9	651.4	656.9
30°	825.2	773.7	661.5	578.7	550.2	562.1	589.7	614.6	629.3	644.9	652.3
32.5°	840.0	781.1	654.1	561.2	531.8	546.5	576.8	604.4	621.9	635.7	643.1
35°	855.6	792.1	648.6	545.6	513.4	526.2	557.5	591.6	609.0	621.9	628.4
37.5°	875.8	804.1	644.9	529.9	494.0	505.1	537.3	573.2	593.4	603.5	611.8
40°	897.9	821.6	644.9	517.0	475.6	483.0	516.1	554.8	575.0	583.3	591.6
42.5°	920.0	839.0	644.0	504.2	456.3	461.8	495.0	534.5	553.8	560.3	566.7
45°	945.8	859.3	643.1	489.4	435.2	440.7	474.7	514.3	532.7	538.2	543.7
47.5°	973.4	879.5	639.4	471.0	415.8	420.4	454.5	491.3	509.7	516.1	521.6
50°	998.2	898.8	630.2	449.9	398.4	403.0	433.3	463.7	480.2	487.6	493.1
52.5°	1020.3	912.6	615.5	426.0	379.0	384.6	407.6	434.2	447.1	452.6	456.3
55°	1037.8	920.0	591.6	403.0	360.6	363.4	381.8	405.7	415.8	416.8	419.5
57.5°	1049.7	919.1	559.4	376.3	342.2	343.2	356.0	377.2	384.6	383.6	385.5
60°	1052.5	907.1	520.7	351.4	323.8	321.1	334.0	348.7	353.3	357.0	361.6
62.5°	1041.4	878.6	476.6	326.6	305.4	300.8	310.0	322.9	330.3	332.1	334.0
65°	1001.0	826.2	423.2	300.8	287.0	278.8	288.9	307.3	319.2	322.9	322.0
67°	*930.1*	*752.6*	*377.2*	*281.5*	*268.6*	*261.3*	*276.0*	*295.3*	*303.6*	*309.1*	*309.1*
67.5°	907.1	725.9	361.6	275.1	264.0	257.6	271.4	289.8	300.8	307.3	307.3
70°	770.0	595.2	305.4	242.9	237.4	238.3	254.8	275.1	288.9	295.3	295.3
72.5°	587.0	460.9	248.4	211.6	209.8	216.2	237.4	255.8	273.2	284.3	283.4
75°	333.0	265.9	181.2	173.0	180.3	193.2	219.9	240.1	255.8	266.8	265.9
77.5°	194.1	160.1	125.1	118.7	139.8	169.3	196.9	222.6	233.7	237.4	234.6
80°	98.4	83.7	78.2	81.0	93.8	126.0	172.0	202.4	210.7	213.4	210.7
82.5°	31.3	28.5	31.3	41.4	62.6	99.4	138.9	183.1	193.2	193.2	192.3
85°	1.8	1.8	1.8	18.4	43.2	73.6	108.6	160.1	181.2	179.4	176.6
87.5°	0.9	0.9	0.9	12.0	34.0	61.6	95.7	145.4	173.0	160.1	150.9
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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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: SP2-2501-321-3

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-727-U-T4W

Data in this report applies to families of products including GKO-PB1E-727-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

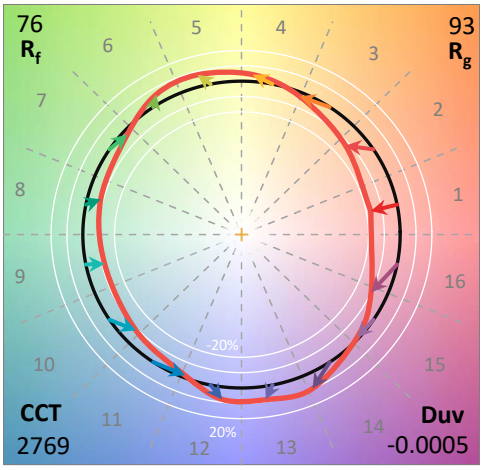
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-3
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-727-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2769
CIE u':	0.2596
CIE v':	0.5253
Duv:	-0.0005
CIE x:	0.4535
CIE y:	0.4078
CIE z:	0.1387
Peak Wavelength (nm):	597
Dominant Wavelength (nm):	584
Purity:	58.54014
Rf:	75.7
Rg:	93.2

CRI (Ra):	71.7				
R1:	68.0	R9:	-34.5		
R2:	84.0	R10:	64.3		
R3:	94.6	R11:	60.9		
R4:	65.9	R12:	54.4		
R5:	67.3	R13:	71.2		
R6:	78.7	R14:	97.6		
R7:	75.2	R15:	59.5		
R8:	39.8				



Test Conditions

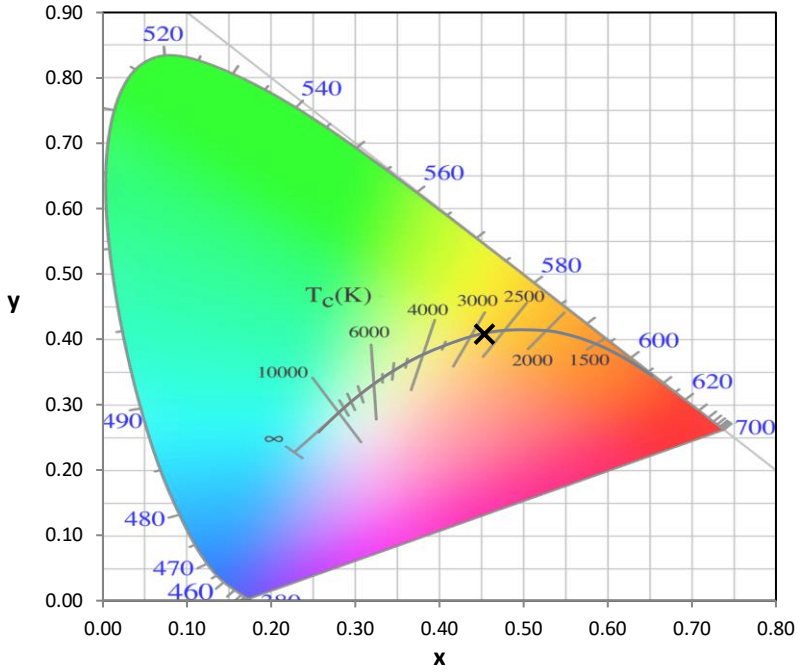
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-3

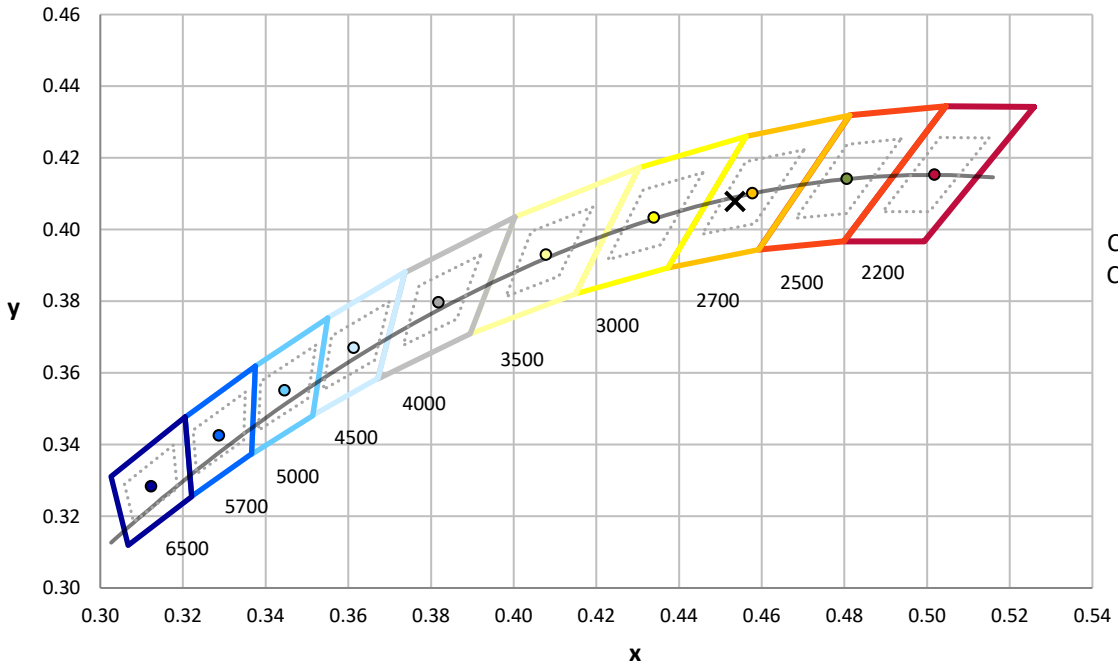
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-3

CIE 1931 Chromaticity Diagram



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

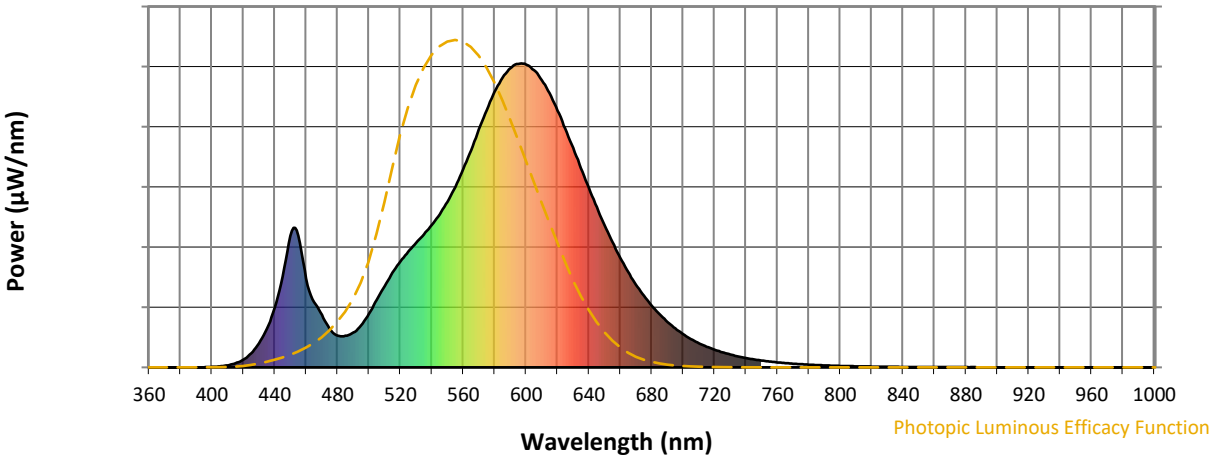


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-3

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	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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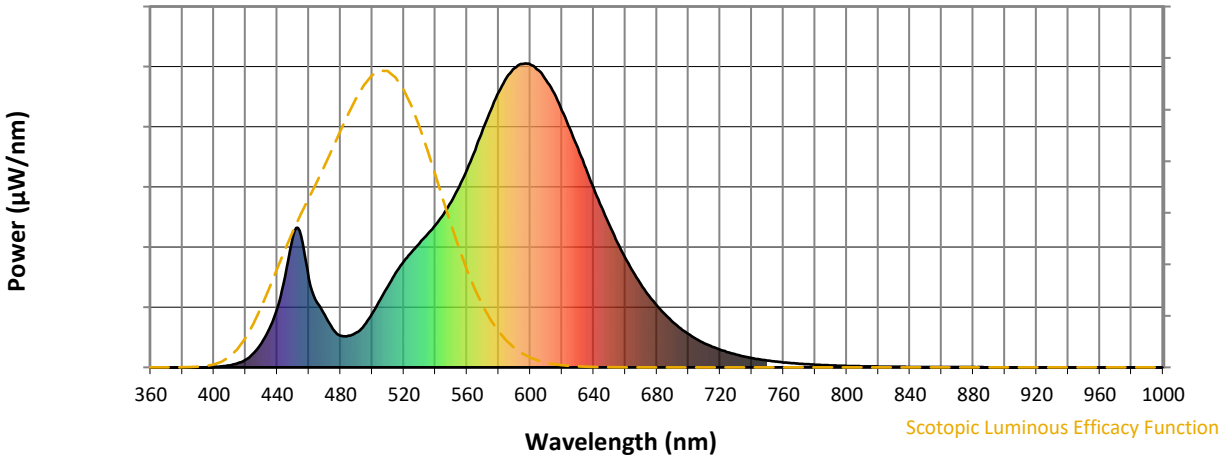
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.14**

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	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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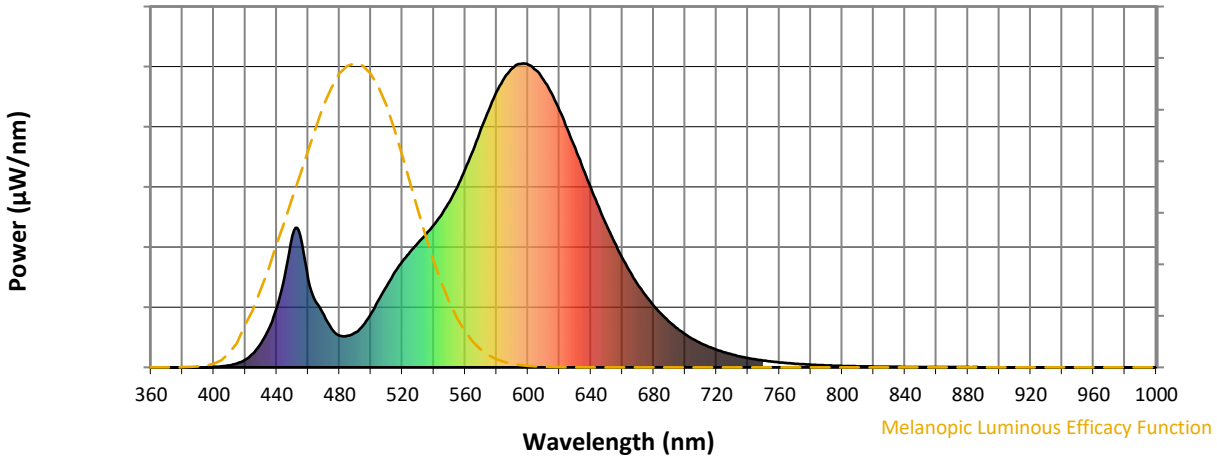
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.08**

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	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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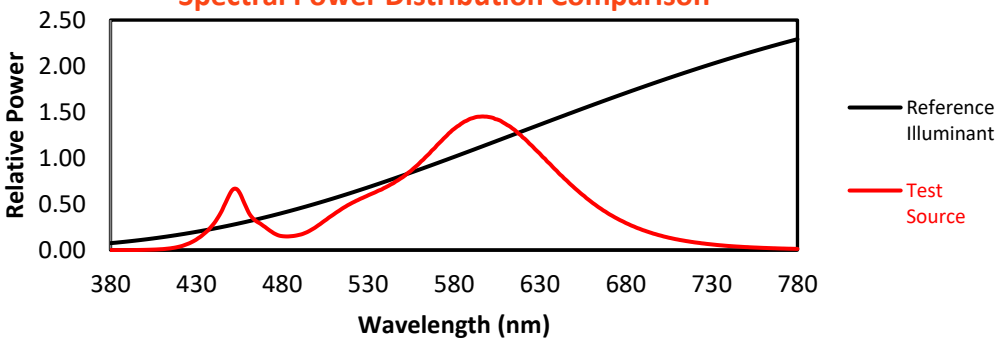
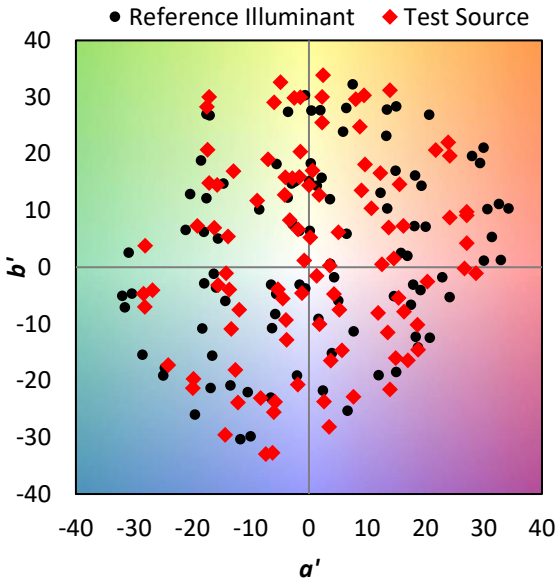
Summary

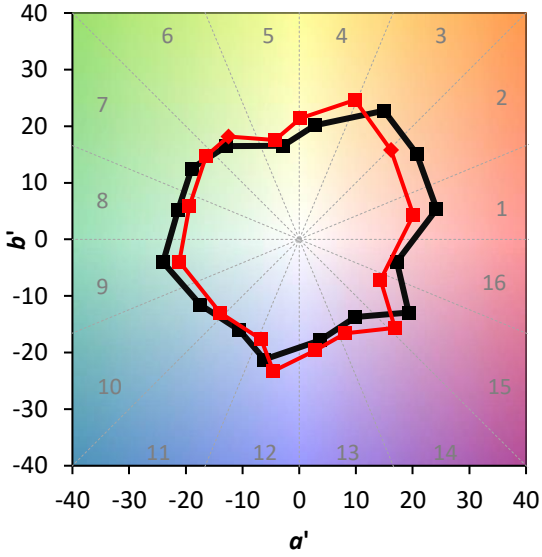
R_f = 75.7
R_g = 93.2
CIE R_a = 71.7
R_9 = -34.5

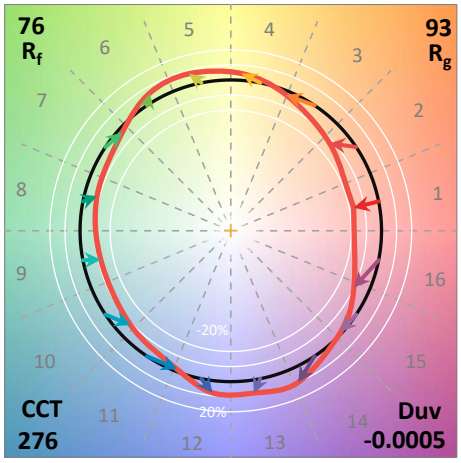
Spectral Power Distribution Comparison

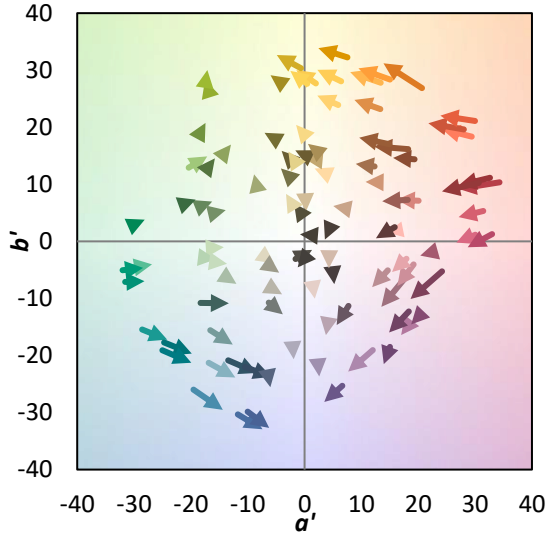


Color Vector Graphics









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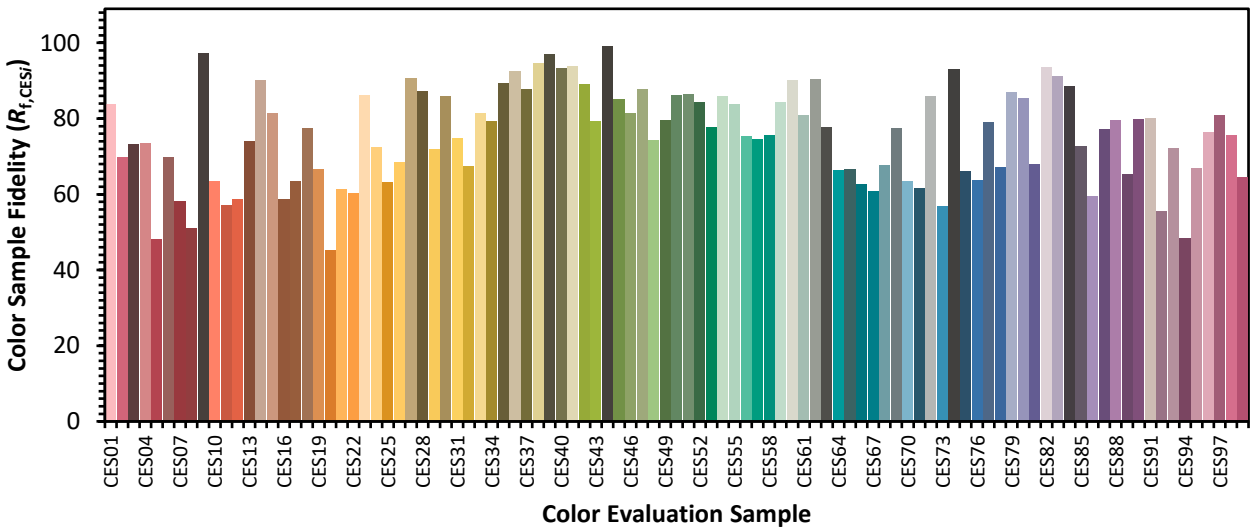
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 94
CES08 = 41	CES33 = 81	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 73
CES11 = 60	CES36 = 92	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 90	CES87 = 77
CES13 = 43	CES38 = 95	CES63 = 78	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 67	CES90 = 80
CES16 = 48	CES41 = 94	CES66 = 63	CES91 = 80
CES17 = 50	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 79	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 77	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 62	CES96 = 76
CES22 = 80	CES47 = 88	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 57	CES98 = 76
CES24 = 91	CES49 = 80	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



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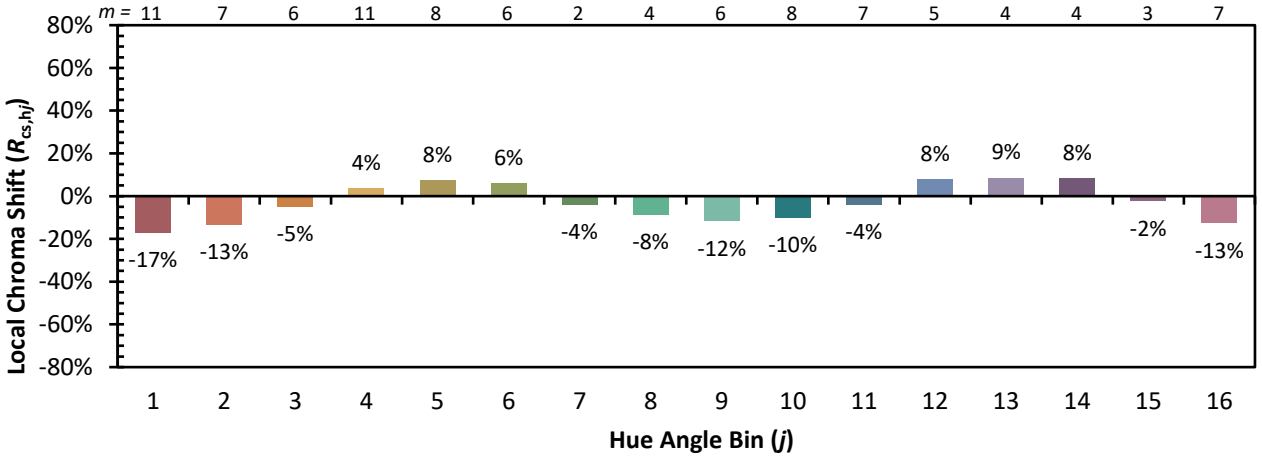
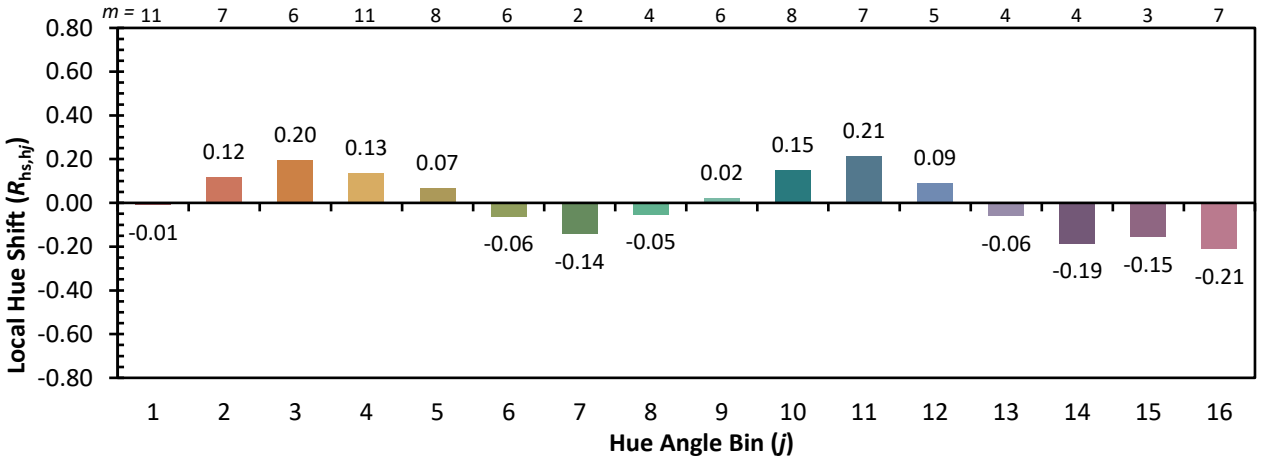
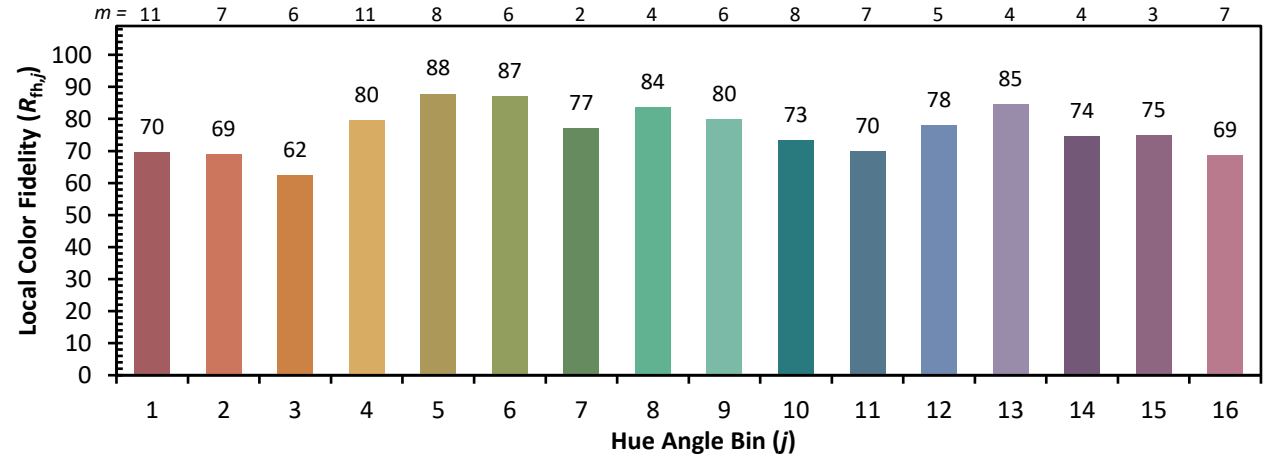
Color Rendition by Hue-Angle Bin







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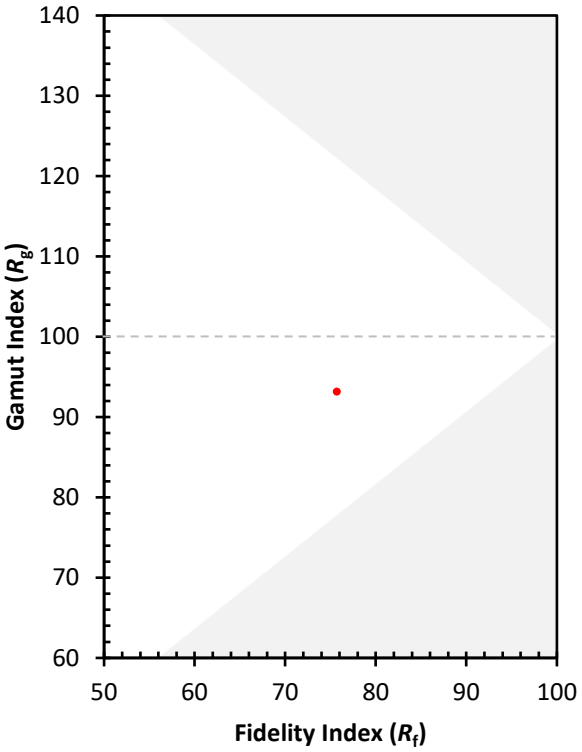
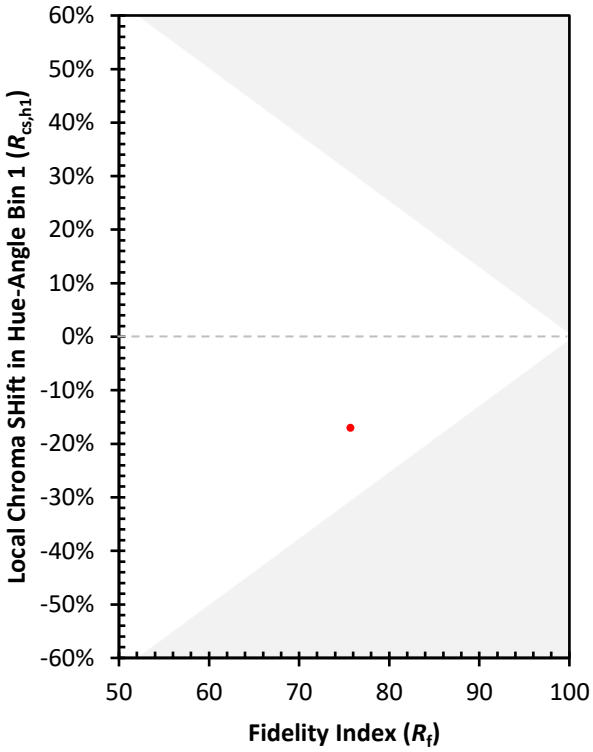
Measure Comparisons





(END OF REPORT)