

Signify Classified - Internal
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: P972352

Luminaire Tested: **GKO-PB1E-727-U-T2U**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972352
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-T2U
Description: GEKKO WALL PACK 5000LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4757.2 lumens
Efficiency: N/A
Efficacy: 122.9 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
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

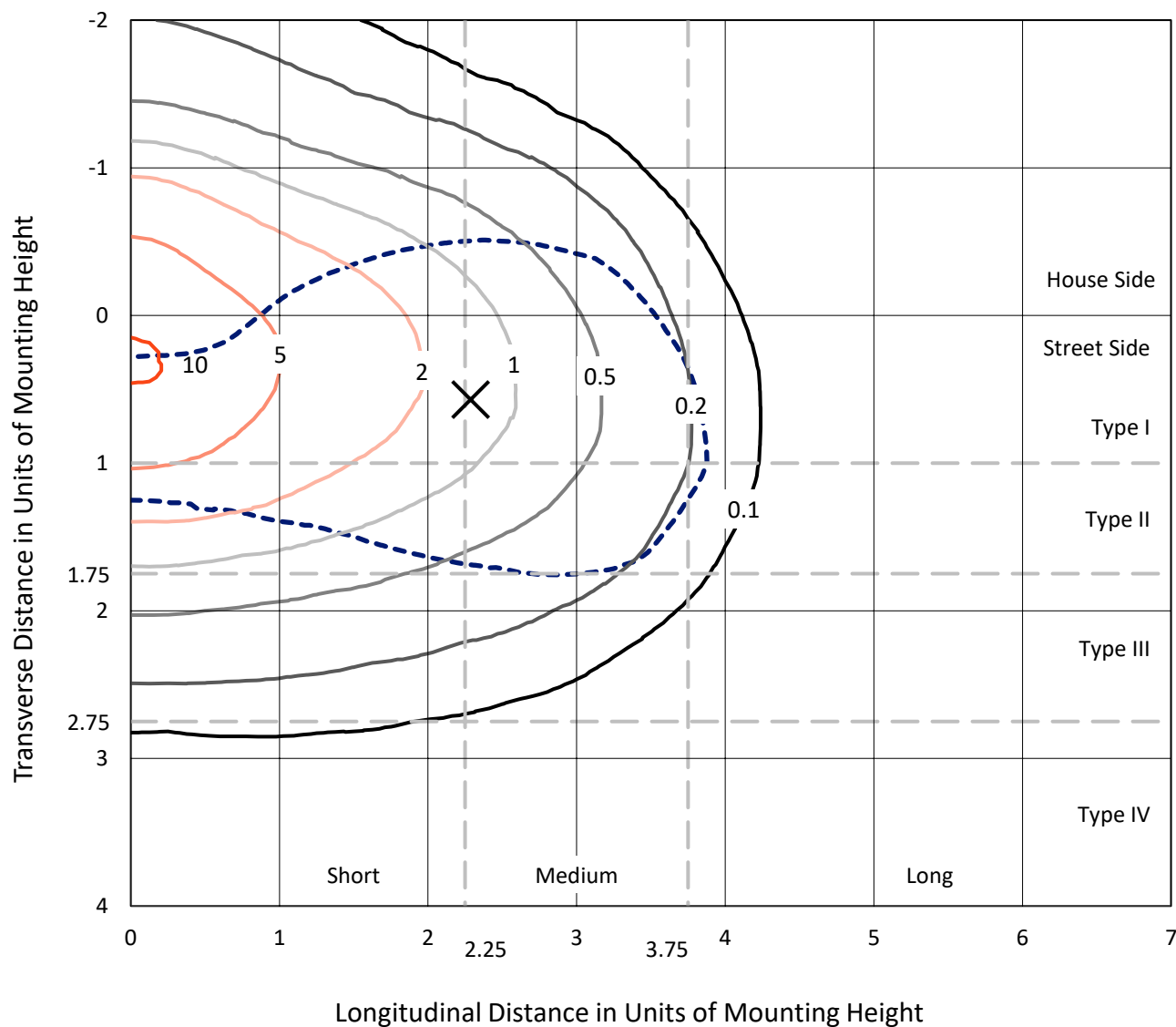
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

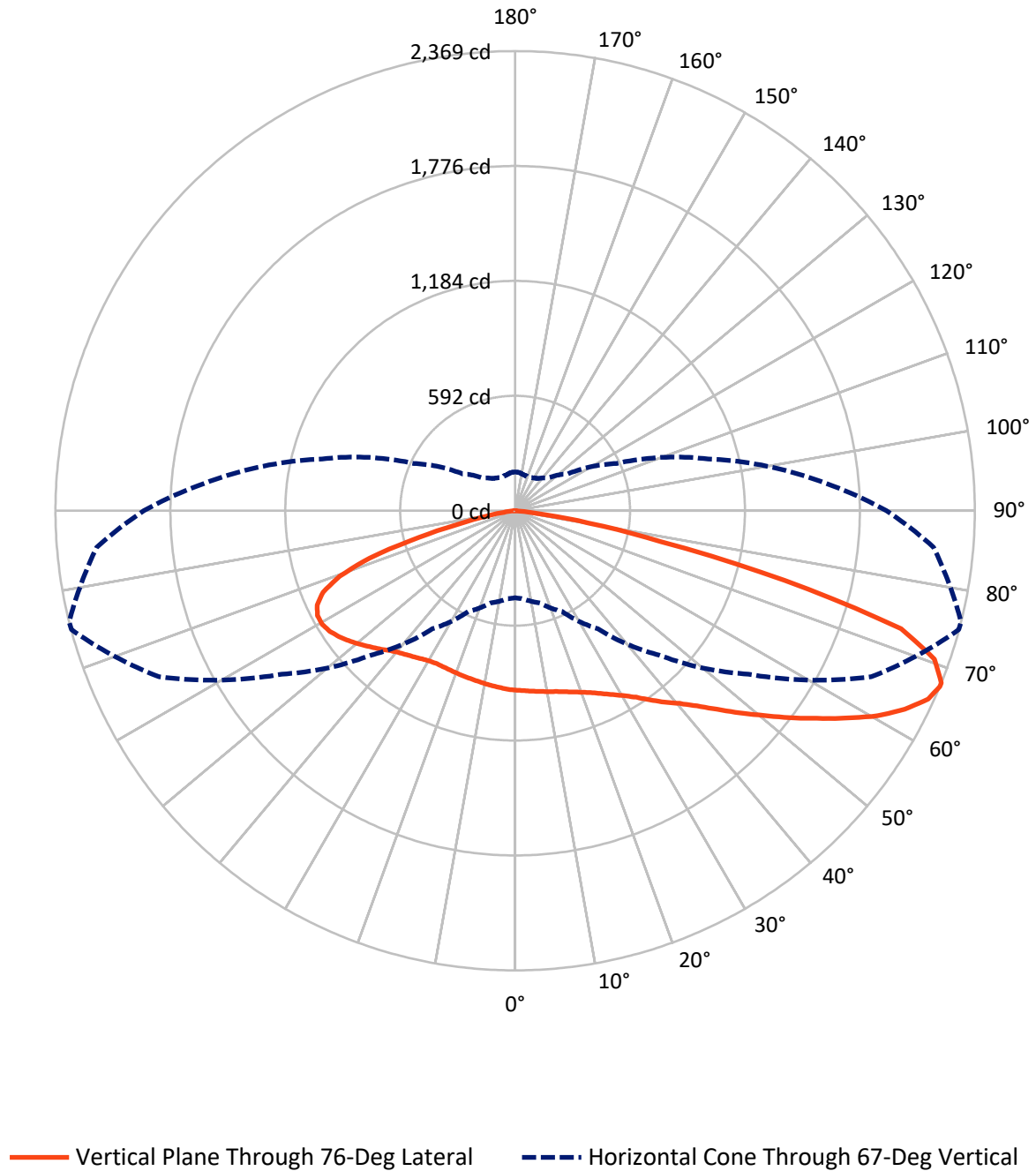


Based on 10 foot mounting height. Maximum calculated value = 10.4 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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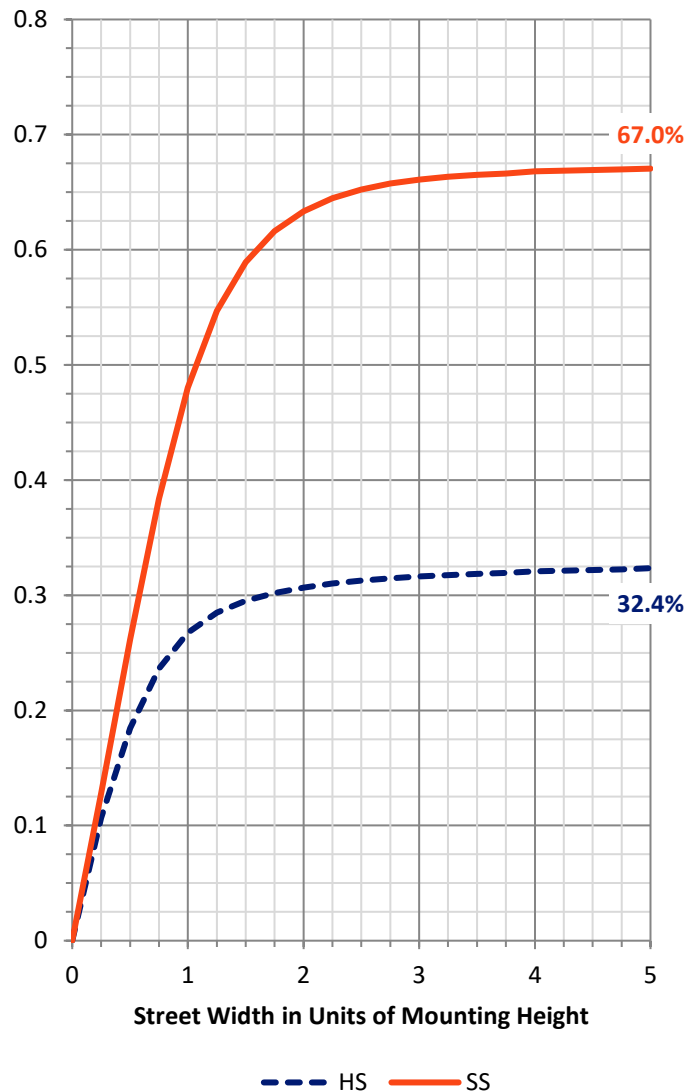
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1569.5	0.0	1569.5
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	3187.7	0.0	3187.7
	% Fixture	67.0	0.0	67.0
Total	Lumens	4757.2	0.0	4757.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.9	1.9
10°-20°	271.9	5.7
20°-30°	467.8	9.8
30°-40°	672.3	14.1
40°-50°	852.6	17.9
50°-60°	936.2	19.7
60°-70°	908.0	19.1
70°-80°	501.3	10.5
80°-90°	58.1	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°	4757.2	100.0
0°-180°	4757.2	100.0



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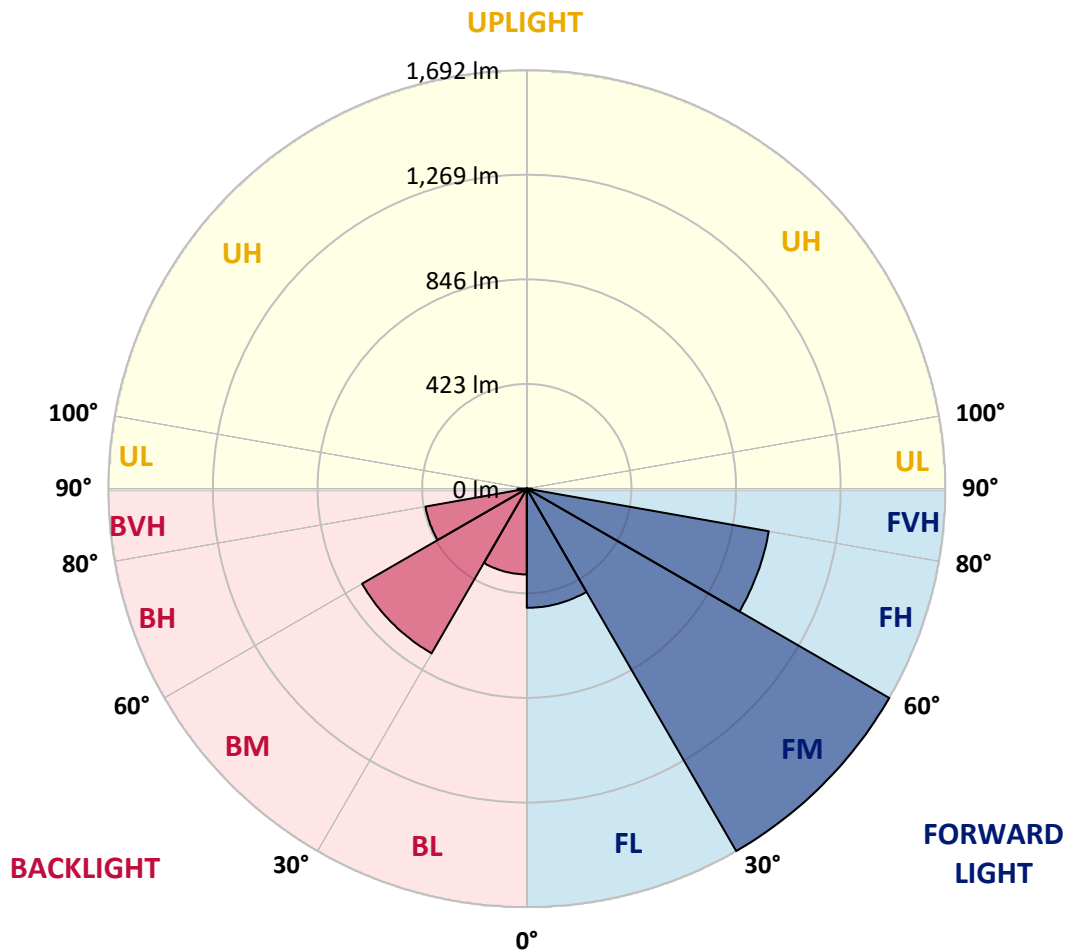
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	481.9	10.1			
FM	(30°-60°)	1692.0	35.6			
FH	(60°-80°)	993.3	20.9			G1/1800
FVH	(80°-90°)	20.5	0.4			G1/100
BL	(0°-30°)	346.8	7.3	B1/500		
BM	(30°-60°)	769.1	16.2	B1/1000		
BH	(60°-80°)	416.0	8.7	B1/500		G1/500
BVH	(80°-90°)	37.6	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	924.8	924.8	924.8	924.8	924.8	924.8	924.8	924.8	924.8	924.8	924.8
2.5°	952.4	951.4	950.5	950.5	946.8	943.2	939.5	936.7	929.4	928.4	924.8
5°	980.9	980.9	978.1	977.2	971.7	962.5	954.2	945.9	935.8	934.0	925.7
7.5°	1017.7	1017.7	1013.1	1009.4	1001.1	986.4	971.7	957.0	942.2	940.4	927.5
10°	1064.6	1064.6	1060.9	1052.7	1035.2	1015.8	991.9	968.9	949.6	947.8	929.4
12.5°	1113.4	1114.3	1108.8	1096.8	1075.7	1046.2	1016.8	983.6	958.8	956.0	933.0
15°	1163.1	1164.0	1160.3	1147.4	1118.9	1083.0	1043.5	1003.9	970.8	968.0	938.6
17.5°	1211.8	1213.7	1210.0	1195.3	1162.2	1123.5	1074.7	1025.1	985.5	981.8	947.8
20°	1257.8	1257.8	1257.8	1241.3	1209.1	1164.9	1108.8	1050.8	1002.0	998.4	958.8
22.5°	1299.3	1301.1	1303.9	1294.7	1257.8	1209.1	1148.4	1079.3	1023.2	1018.6	972.6
25°	1340.7	1341.6	1348.9	1342.5	1306.6	1256.0	1190.7	1115.2	1049.0	1044.4	989.2
27.5°	1388.5	1391.3	1395.9	1393.1	1352.6	1302.9	1237.6	1154.8	1077.5	1072.9	1009.4
30°	1444.6	1444.6	1447.4	1442.8	1402.3	1352.6	1284.5	1196.2	1113.4	1106.0	1034.3
32.5°	1490.6	1495.2	1493.4	1491.6	1449.2	1399.6	1332.4	1242.2	1154.8	1145.6	1068.3
35°	1533.9	1534.8	1533.9	1535.7	1493.4	1446.5	1383.0	1295.6	1200.8	1197.1	1111.5
37.5°	1558.7	1560.6	1565.2	1570.7	1533.0	1488.8	1433.6	1354.5	1257.8	1251.4	1163.1
40°	1570.7	1573.5	1598.3	1606.6	1566.1	1529.3	1487.0	1407.8	1313.1	1305.7	1214.6
42.5°	1589.1	1611.2	1624.1	1625.9	1590.9	1558.7	1533.0	1468.6	1381.1	1374.7	1283.6
45°	1528.4	1520.1	1554.1	1593.7	1591.9	1578.1	1577.1	1536.7	1464.9	1458.4	1361.8
47.5°	1452.0	1445.6	1464.0	1521.9	1563.3	1586.3	1620.4	1616.7	1566.1	1556.9	1452.9
50°	1269.8	1280.9	1371.0	1450.2	1521.9	1589.1	1657.2	1700.4	1664.6	1657.2	1549.5
52.5°	1099.6	1106.9	1168.6	1357.2	1468.6	1580.8	1689.4	1788.8	1779.6	1771.3	1655.4
55°	980.0	987.3	1085.8	1206.3	1389.4	1538.5	1710.6	1872.5	1896.4	1888.2	1767.6
57.5°	854.8	866.8	934.0	1039.8	1283.6	1468.6	1717.9	1957.2	2023.4	2016.1	1875.3
60°	734.3	750.8	790.4	905.4	1153.0	1385.8	1698.6	2025.3	2145.8	2145.8	1986.6
62.5°	622.9	632.1	673.6	777.5	987.3	1279.9	1649.8	2068.5	2258.1	2253.5	2084.1
65°	530.9	535.5	568.7	657.9	848.4	1163.1	1565.2	2065.7	2338.1	2339.0	2148.6
67°	448.1	455.5	492.3	573.3	742.6	1052.7	1467.6	2024.3	2366.6	2368.5	2164.2
67.5°	419.6	427.9	468.4	552.1	720.5	1022.3	1444.6	2006.9	2364.8	2368.5	2159.6
70°	288.9	290.8	358.9	454.6	592.6	861.3	1285.5	1885.4	2294.9	2292.1	2059.3
72.5°	184.0	181.3	246.6	332.2	476.6	697.5	1084.9	1672.8	2082.3	2079.5	1815.5
75°	122.4	125.1	166.5	237.4	334.9	539.2	845.6	1262.4	1446.5	1435.4	1198.0
77.5°	87.4	85.6	103.1	171.1	224.5	327.6	459.2	671.7	768.3	768.3	657.9
80°	47.8	48.8	56.1	94.8	127.0	127.9	172.1	336.8	375.4	383.7	319.3
82.5°	13.8	14.7	20.2	32.2	35.0	38.6	59.8	96.6	101.2	106.7	86.5
85°	0.0	0.0	0.0	0.9	3.7	4.6	4.6	5.5	9.2	9.2	10.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.8	3.7	3.7	4.6
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	924.8	924.8	924.8	924.8	924.8	924.8	924.8	924.8	924.8	924.8	924.8
2.5°	923.8	924.8	921.1	916.5	912.8	911.0	905.4	900.8	903.6	906.4	906.4
5°	922.9	922.0	914.6	906.4	900.8	897.1	887.9	881.5	882.4	885.2	884.3
7.5°	922.9	919.2	909.1	897.1	887.9	880.6	868.6	861.3	860.3	862.2	860.3
10°	923.8	917.4	903.6	887.0	874.1	863.1	848.4	840.1	837.3	838.3	836.4
12.5°	925.7	915.6	898.1	876.9	860.3	845.6	829.1	818.9	817.1	818.9	818.9
15°	928.4	915.6	893.5	867.7	845.6	829.1	812.5	803.3	803.3	804.2	804.2
17.5°	934.0	918.3	889.8	857.6	830.9	812.5	797.8	791.3	792.3	795.0	795.0
20°	939.5	922.0	886.1	847.5	818.0	796.9	784.9	780.3	784.0	787.7	787.7
22.5°	947.8	926.6	882.4	838.3	803.3	782.1	772.0	768.3	772.0	776.6	774.8
25°	960.6	934.9	879.7	830.0	789.5	766.5	756.4	752.7	754.5	758.2	758.2
27.5°	975.4	945.0	878.7	819.9	772.9	748.1	736.1	730.6	730.6	731.5	732.4
30°	1000.2	962.5	882.4	812.5	758.2	728.8	713.1	704.8	703.9	707.6	707.6
32.5°	1029.7	986.4	891.6	806.1	743.5	705.8	684.6	678.2	676.3	679.1	676.3
35°	1062.8	1013.1	903.6	805.1	728.8	680.9	657.0	649.6	644.1	642.3	640.4
37.5°	1109.7	1049.9	915.6	800.5	714.0	654.2	628.5	612.8	606.4	604.5	604.5
40°	1155.7	1085.8	930.3	793.2	696.6	627.5	590.7	573.3	570.5	570.5	570.5
42.5°	1213.7	1132.7	950.5	788.6	675.4	600.9	550.3	530.0	530.0	530.0	529.1
45°	1285.5	1194.4	976.3	786.7	655.1	568.7	507.0	480.3	479.4	478.5	477.6
47.5°	1369.2	1258.8	1001.1	782.1	631.2	530.0	457.3	427.9	421.4	419.6	416.8
50°	1455.7	1328.7	1027.8	775.7	602.7	484.9	410.4	376.3	362.5	357.9	359.8
52.5°	1547.7	1396.8	1053.6	766.5	568.7	439.8	362.5	326.7	312.9	307.3	306.4
55°	1637.9	1465.8	1077.5	754.5	531.8	393.8	322.1	287.1	275.1	273.3	273.3
57.5°	1729.0	1532.1	1095.9	737.0	491.4	353.3	287.1	258.6	250.3	254.0	254.0
60°	1811.8	1590.0	1105.1	713.1	450.9	316.5	259.5	238.3	234.6	243.8	242.9
62.5°	1886.3	1628.7	1100.5	678.2	411.3	285.2	238.3	222.7	223.6	234.6	235.6
65°	1922.2	1635.1	1073.8	630.3	367.1	258.6	216.2	201.5	203.4	215.3	218.1
67°	1913.9	1610.3	1029.7	576.0	331.3	238.3	202.4	187.7	188.6	198.8	199.7
67.5°	1904.7	1598.3	1017.7	559.5	322.1	234.6	198.8	185.0	186.8	196.0	196.0
70°	1782.3	1476.8	907.3	474.8	278.8	208.9	181.3	172.1	173.9	179.4	179.4
72.5°	1557.8	1279.0	734.3	380.9	236.5	185.0	163.8	158.3	158.3	158.3	153.7
75°	993.8	801.5	480.3	291.7	195.1	158.3	147.2	140.8	137.1	142.6	140.8
77.5°	549.3	418.7	250.3	167.5	140.8	131.6	127.9	125.1	124.2	137.1	133.4
80°	260.4	207.0	140.8	95.7	81.0	97.5	110.4	108.6	129.7	177.6	178.5
82.5°	82.8	68.1	57.0	52.4	54.3	69.9	85.6	98.5	168.4	190.5	187.7
85°	10.1	9.2	6.4	21.2	35.9	51.5	66.3	127.9	154.6	128.8	121.5
87.5°	3.7	3.7	3.7	14.7	27.6	39.6	59.8	128.8	94.8	86.5	79.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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
 R_f: 75.7
 R_g: 93.2

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



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

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Photopic Flux vs. Wavelength

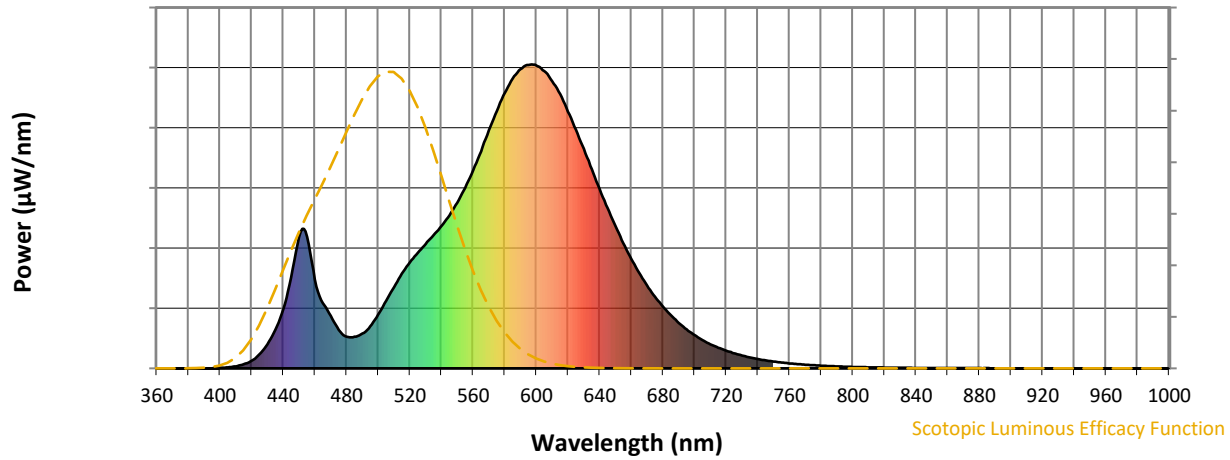


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	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

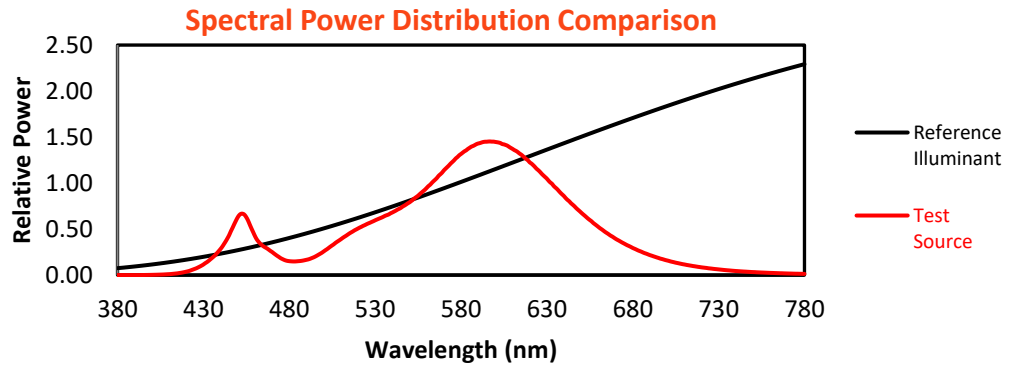
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	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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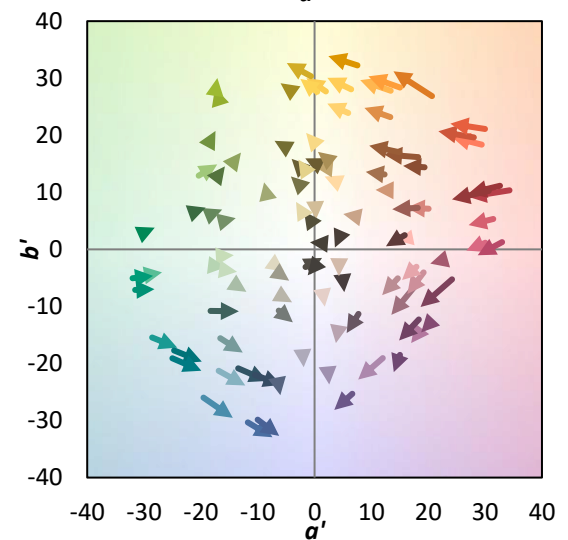
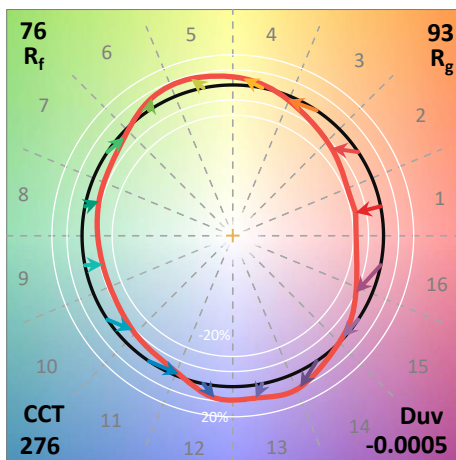
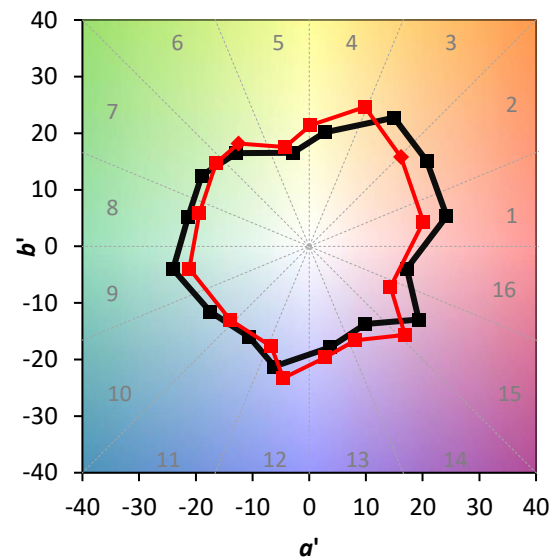
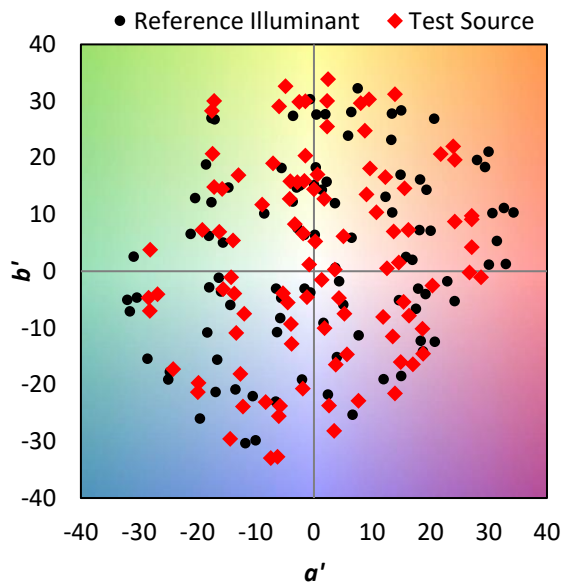
TM-30-18

Summary

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

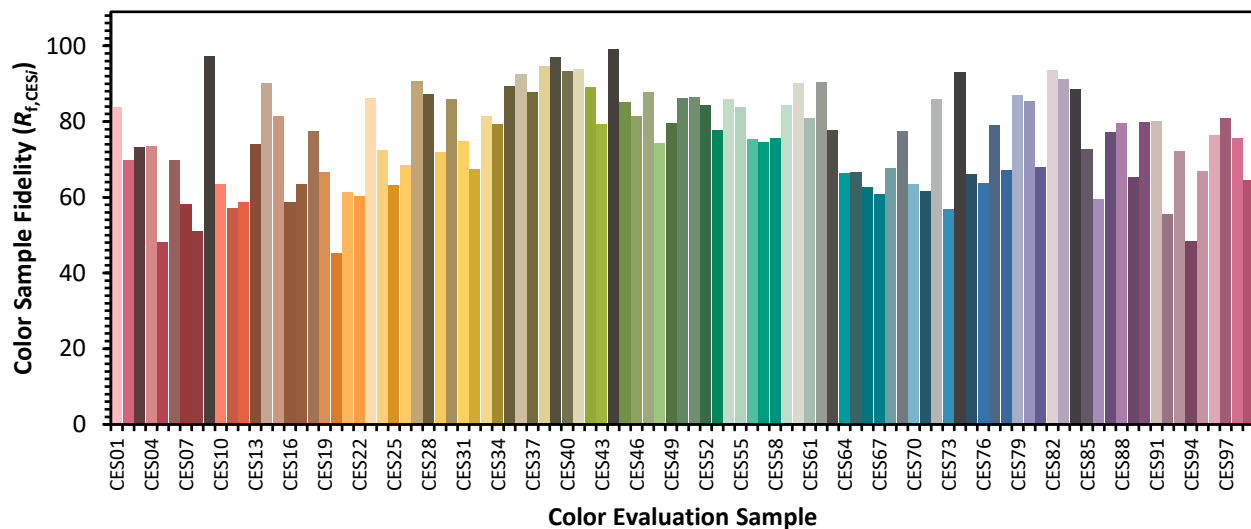


Color Vector Graphics

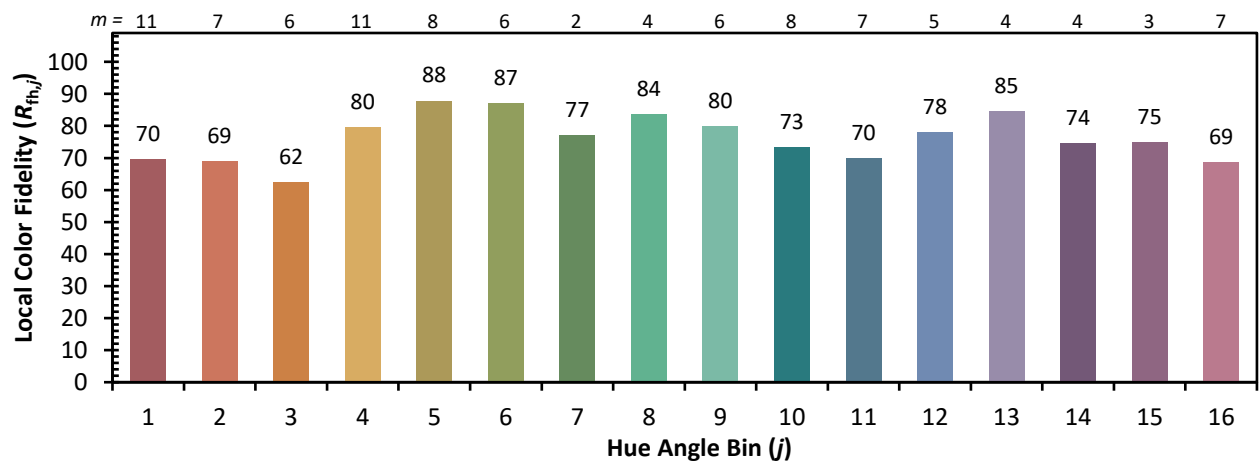
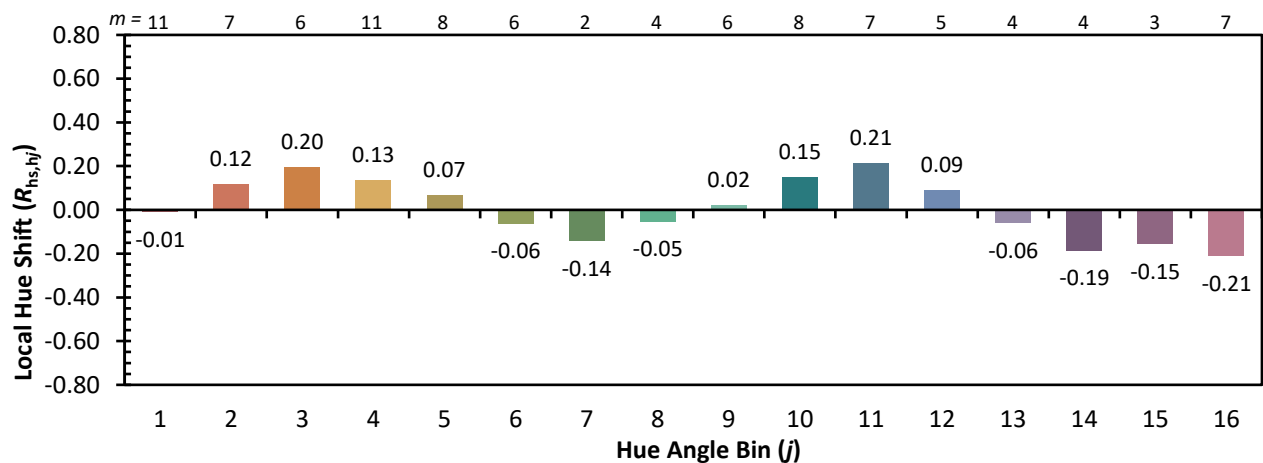


Individual Sample Fidelity Index ($R_{f,i}$)

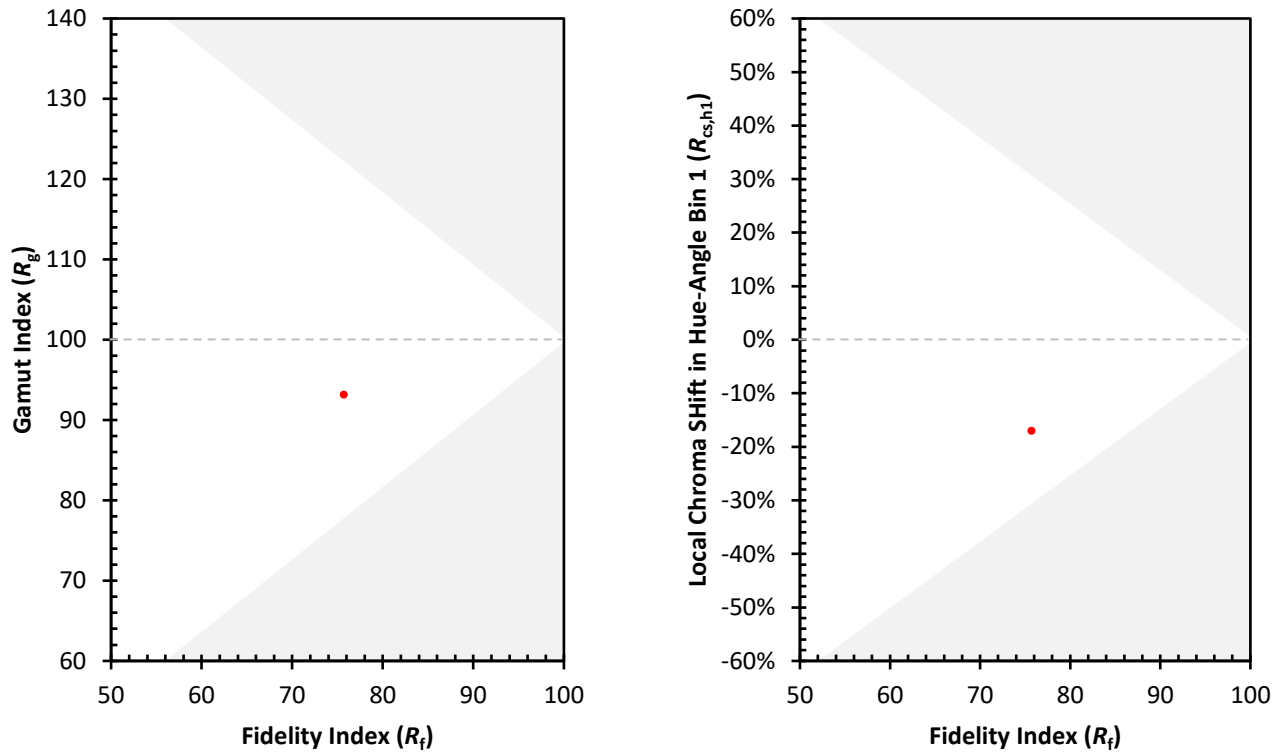
CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 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	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)