

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: P972330

Luminaire Tested: **GKO-PB2B-740-U-T2R**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972330
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2B-740-U-T2R
Description: GEKKO WALL PACK 6000LM PACKAGE 70CRI 4000K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (20) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6436.3 lumens
Efficiency: N/A
Efficacy: 154.0 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

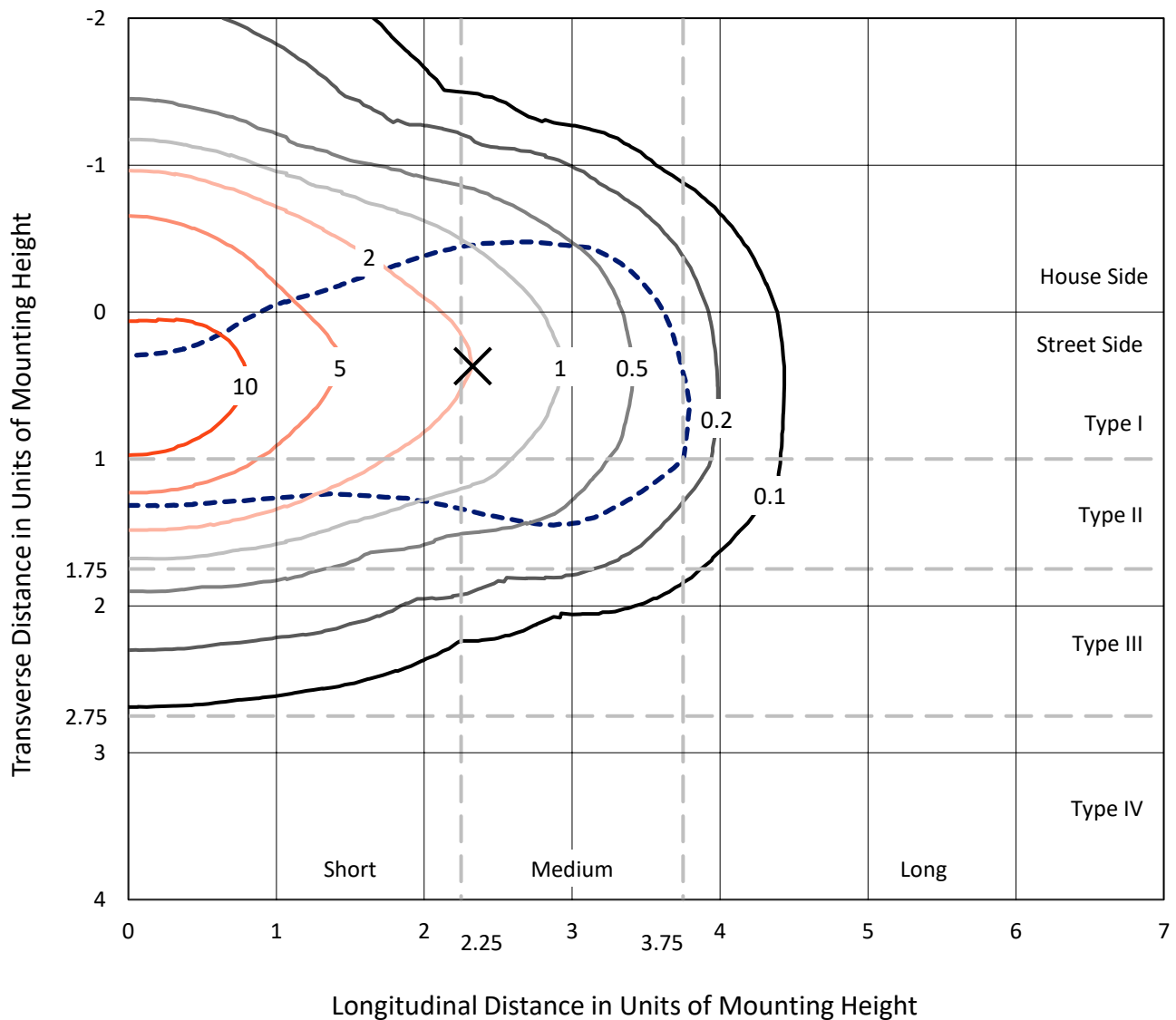
Input Watts (W): 41.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 8%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

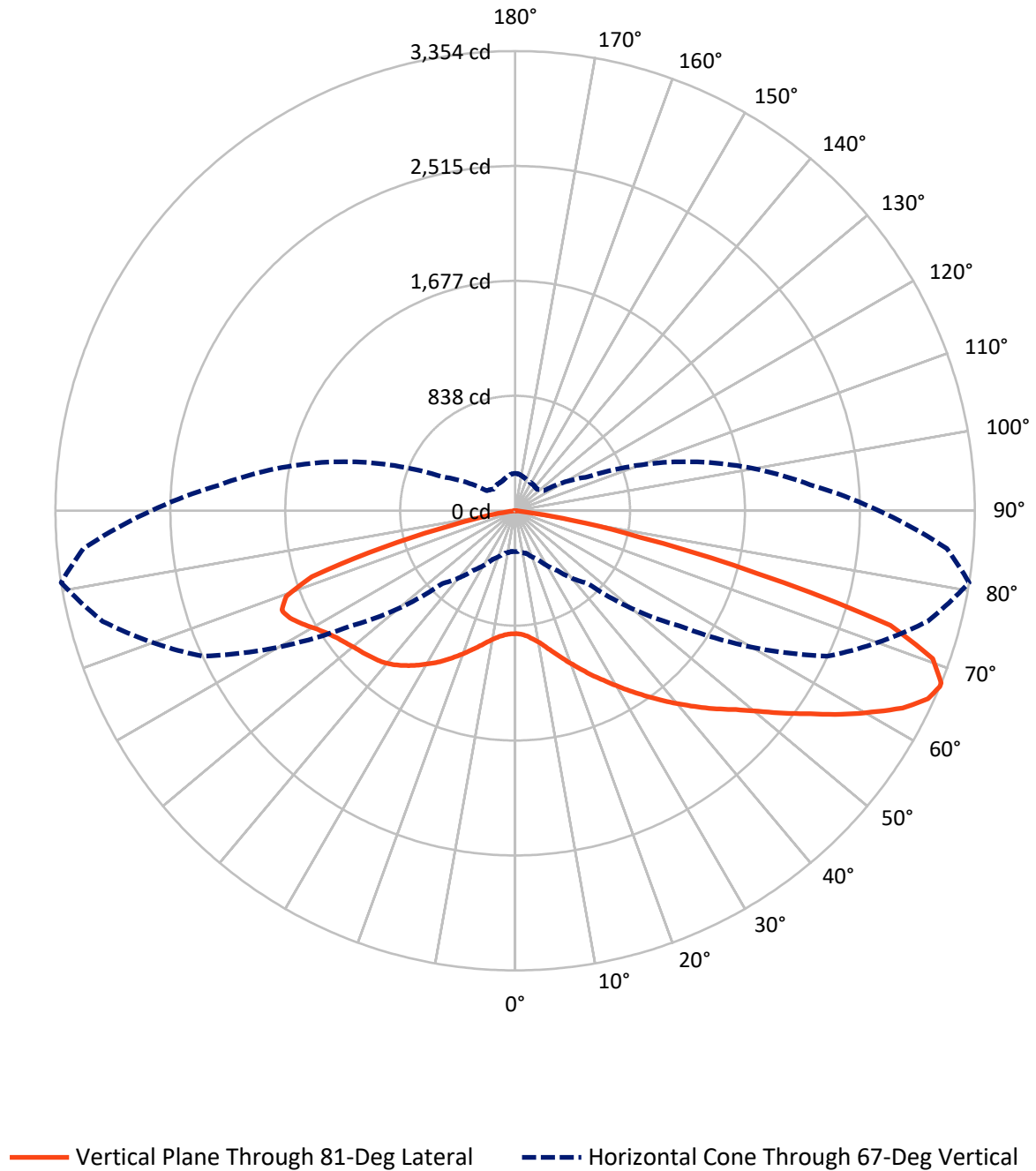


Based on 10 foot mounting height. Maximum calculated value = 17.3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1987.5	0.0	1987.5
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	4448.8	0.0	4448.8
	% Fixture	69.1	0.0	69.1
Total	Lumens	6436.3	0.0	6436.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.9	1.4
10°-20°	336.2	5.2
20°-30°	681.0	10.6
30°-40°	1073.8	16.7
40°-50°	1318.7	20.5
50°-60°	1259.8	19.6
60°-70°	1056.5	16.4
70°-80°	559.7	8.7
80°-90°	57.8	0.9
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°	6436.3	100.0
0°-180°	6436.3	100.0



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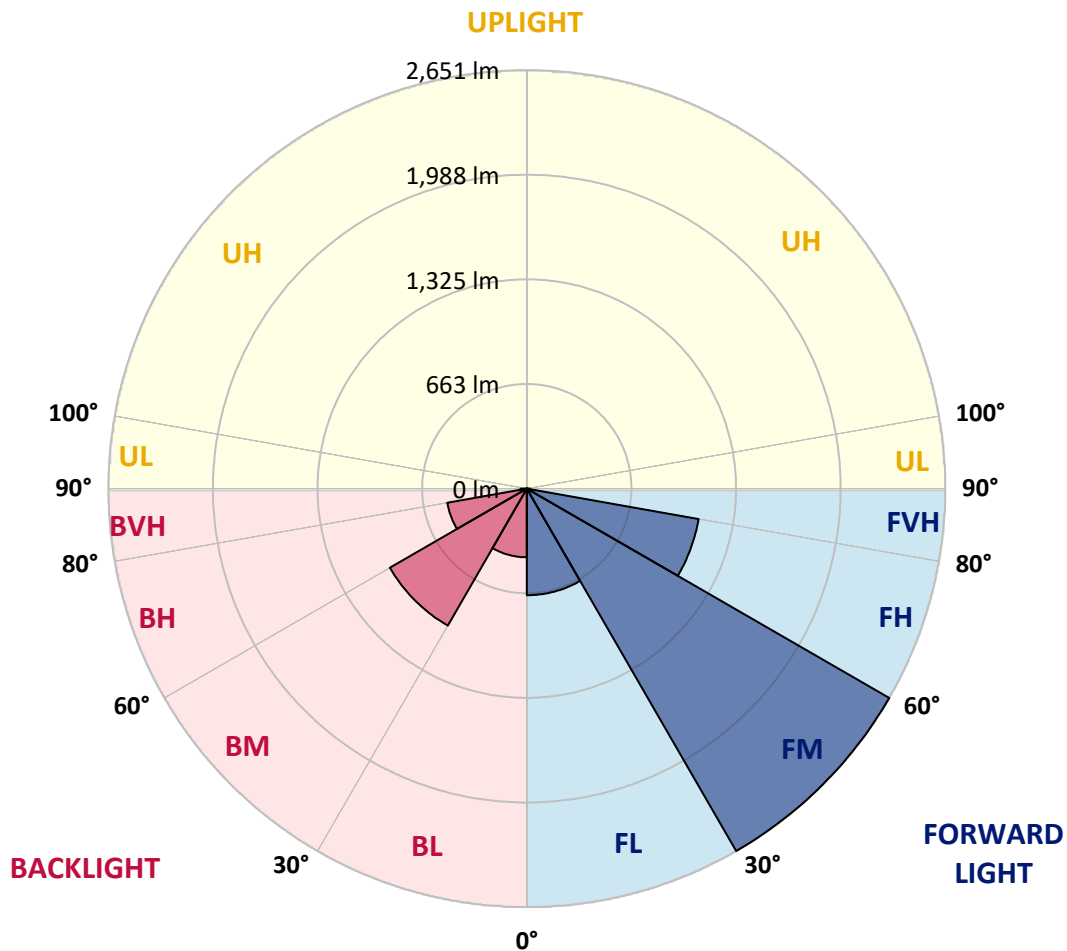
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	675.1	10.5			
FM	(30°-60°)	2650.9	41.2			
FH	(60°-80°)	1104.9	17.2			G1/1800
FVH	(80°-90°)	18.0	0.3			G1/100
BL	(0°-30°)	434.9	6.8	B1/500		
BM	(30°-60°)	1001.4	15.6	B2/2500		
BH	(60°-80°)	511.3	7.9	B2/1000		G2/1000
BVH	(80°-90°)	39.9	0.6			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6
2.5°	948.3	950.8	945.8	944.6	939.7	932.3	923.7	917.5	907.6	902.7	900.3
5°	1038.2	1033.3	1029.6	1023.4	1006.2	991.4	966.8	949.5	931.0	918.7	915.0
7.5°	1147.8	1150.3	1137.9	1121.9	1097.3	1067.7	1028.3	996.3	961.8	945.8	938.4
10°	1267.3	1277.1	1264.8	1245.1	1198.3	1154.0	1105.9	1050.5	1003.7	979.1	969.2
12.5°	1412.6	1418.7	1402.7	1376.9	1320.2	1253.7	1186.0	1117.0	1055.4	1024.6	1007.4
15°	1575.1	1570.2	1554.2	1516.0	1443.4	1369.5	1277.1	1187.2	1114.5	1076.4	1051.7
17.5°	1742.6	1736.5	1715.5	1666.3	1583.8	1491.4	1381.8	1268.5	1177.4	1135.5	1102.2
20°	1902.7	1896.6	1881.8	1826.4	1726.6	1613.3	1485.2	1362.1	1248.8	1197.1	1160.1
22.5°	2080.1	2075.1	2051.7	1984.0	1876.9	1752.5	1603.5	1456.9	1326.4	1264.8	1220.5
25°	2272.2	2273.4	2247.6	2152.7	2032.0	1886.7	1730.3	1564.1	1413.8	1336.2	1285.7
27.5°	2496.3	2495.1	2450.8	2348.6	2197.1	2029.6	1855.9	1676.1	1500.0	1408.9	1351.0
30°	2699.5	2694.6	2645.4	2543.1	2368.3	2179.8	1988.9	1784.5	1597.3	1488.9	1418.7
32.5°	2849.8	2851.0	2810.4	2698.3	2527.1	2326.4	2113.3	1906.4	1690.9	1575.1	1497.6
35°	2958.2	2959.4	2920.0	2823.9	2663.8	2463.1	2245.1	2021.0	1795.6	1663.8	1580.1
37.5°	2992.6	2992.6	2966.8	2891.7	2761.1	2586.2	2374.4	2151.5	1900.3	1759.9	1663.8
40°	2945.8	2949.5	2948.3	2899.0	2809.1	2671.2	2493.9	2277.1	2017.3	1854.7	1748.8
42.5°	2839.9	2842.4	2846.1	2827.6	2799.3	2716.8	2589.9	2405.2	2134.3	1958.2	1832.5
45°	2665.1	2674.9	2693.4	2700.8	2711.9	2705.7	2649.0	2524.7	2264.8	2061.6	1915.0
47.5°	2443.4	2459.4	2484.0	2528.4	2589.9	2639.2	2663.8	2617.0	2391.7	2168.7	2007.4
50°	2135.5	2152.7	2219.2	2311.6	2433.5	2529.6	2623.2	2686.0	2533.3	2299.3	2110.9
52.5°	1709.4	1746.3	1858.4	2035.7	2245.1	2388.0	2537.0	2719.2	2677.4	2453.2	2234.0
55°	1300.5	1314.1	1458.1	1671.2	1993.9	2235.2	2418.7	2702.0	2812.8	2614.6	2374.4
57.5°	908.9	923.7	1049.3	1282.0	1639.2	2035.7	2300.5	2644.1	2936.0	2804.2	2535.7
60°	645.3	661.3	754.9	927.4	1273.4	1745.1	2190.9	2570.2	3043.1	2984.0	2721.7
62.5°	469.2	477.8	527.1	672.4	920.0	1364.5	2034.5	2522.2	3118.3	3171.2	2912.6
65°	359.6	368.2	396.6	487.7	679.8	997.5	1753.7	2521.0	3138.0	3309.2	3077.6
67°	299.3	298.0	322.7	391.6	530.8	750.0	1464.3	2511.1	3115.8	3353.5	3161.4
67.5°	283.3	288.2	307.9	365.8	501.2	690.9	1401.5	2495.1	3108.4	3352.3	3167.5
70°	225.4	226.6	243.8	289.4	376.9	501.2	1008.6	2337.5	2996.3	3231.6	3098.6
72.5°	165.0	163.8	189.7	219.2	288.2	364.5	676.1	1963.1	2753.7	2863.3	2755.0
75°	121.9	120.7	134.2	167.5	205.7	272.2	438.4	1280.8	1864.6	1821.5	1682.3
77.5°	81.3	83.7	96.1	123.2	146.6	168.7	219.2	589.9	1027.1	928.6	894.1
80°	49.3	45.6	54.2	70.2	85.0	86.2	93.6	254.9	440.9	420.0	394.1
82.5°	17.2	17.2	20.9	28.3	28.3	28.3	34.5	61.6	87.4	80.1	76.4
85°	0.0	0.0	0.0	0.0	2.5	3.7	2.5	4.9	8.6	9.9	9.9
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.5	3.7	4.9	4.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6
2.5°	900.3	900.3	896.6	891.6	889.2	887.9	884.2	879.3	883.0	886.7	886.7
5°	912.6	910.1	902.7	897.8	894.1	894.1	889.2	887.9	891.6	895.3	894.1
7.5°	932.3	927.4	918.7	911.3	912.6	913.8	906.4	906.4	910.1	913.8	913.8
10°	959.4	950.8	942.1	936.0	937.2	938.4	931.0	928.6	932.3	936.0	938.4
12.5°	993.9	982.8	972.9	966.8	965.5	966.8	959.4	956.9	956.9	959.4	959.4
15°	1034.5	1022.2	1009.9	1001.2	998.8	997.5	987.7	979.1	979.1	980.3	980.3
17.5°	1081.3	1064.1	1048.0	1038.2	1032.0	1023.4	1012.3	1000.0	996.3	997.5	997.5
20°	1128.1	1109.6	1088.7	1075.1	1062.8	1048.0	1030.8	1014.8	1007.4	1007.4	1006.2
22.5°	1182.3	1157.6	1129.3	1110.9	1088.7	1064.1	1039.4	1018.5	1011.1	1008.6	1008.6
25°	1237.7	1209.4	1168.7	1140.4	1108.4	1072.7	1040.7	1012.3	1000.0	995.1	995.1
27.5°	1294.4	1261.1	1208.1	1167.5	1120.7	1071.4	1028.3	992.6	975.4	969.2	966.8
30°	1358.4	1310.4	1242.6	1187.2	1123.2	1060.4	1004.9	963.1	937.2	922.4	923.7
32.5°	1424.9	1364.5	1274.6	1199.5	1119.5	1039.4	969.2	916.3	883.0	869.5	864.5
35°	1492.6	1416.3	1303.0	1205.7	1107.2	1007.4	923.7	864.5	827.6	807.9	807.9
37.5°	1561.6	1470.5	1322.7	1204.4	1085.0	965.5	870.7	807.9	764.8	740.2	734.0
40°	1629.3	1521.0	1337.5	1194.6	1051.7	915.0	814.0	746.3	688.4	656.4	651.5
42.5°	1695.8	1562.8	1344.8	1178.6	1012.3	859.6	750.0	658.9	603.5	573.9	572.7
45°	1756.2	1596.1	1346.1	1157.6	960.6	796.8	663.8	576.4	520.9	490.2	490.2
47.5°	1815.3	1633.0	1344.8	1130.6	904.0	715.5	572.7	487.7	437.2	417.5	411.3
50°	1886.7	1670.0	1343.6	1097.3	831.3	618.2	484.0	411.3	368.2	348.5	348.5
52.5°	1959.4	1713.1	1346.1	1050.5	745.1	523.4	405.2	341.1	312.8	300.5	299.3
55°	2053.0	1758.6	1352.2	995.1	655.2	431.0	337.4	294.3	274.6	268.5	269.7
57.5°	2166.3	1821.5	1364.5	929.8	550.5	353.5	289.4	266.0	261.1	263.5	264.8
60°	2295.6	1899.0	1381.8	855.9	458.1	294.3	261.1	256.2	261.1	270.9	272.2
62.5°	2445.8	1992.6	1404.0	773.4	367.0	258.6	248.8	252.5	256.2	272.2	273.4
65°	2578.8	2093.6	1408.9	676.1	298.0	235.2	241.4	243.8	253.7	272.2	273.4
67°	2654.0	2162.6	1375.6	583.8	254.9	222.9	231.5	234.0	251.2	269.7	272.2
67.5°	2662.6	2177.4	1353.5	560.4	246.3	220.4	229.1	234.0	251.2	269.7	270.9
70°	2636.7	2167.5	1205.7	422.4	203.2	203.2	213.1	224.1	241.4	261.1	269.7
72.5°	2406.4	1976.6	933.5	286.9	172.4	183.5	198.3	214.3	230.3	253.7	268.5
75°	1521.0	1272.2	571.4	192.1	144.1	163.8	187.2	205.7	219.2	236.5	246.3
77.5°	812.8	629.3	246.3	113.3	113.3	145.3	173.6	190.9	198.3	204.4	210.6
80°	384.2	293.1	119.5	67.7	78.8	113.3	153.9	172.4	174.9	182.3	184.7
82.5°	76.4	66.5	39.4	35.7	51.7	81.3	128.1	149.0	150.2	162.6	165.0
85°	9.9	8.6	6.2	13.5	33.3	60.3	98.5	128.1	130.5	130.5	128.1
87.5°	4.9	3.7	3.7	9.9	24.6	45.6	81.3	107.1	108.4	85.0	82.5
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: SP2-2501-321-1

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

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	CRI (Ra):	71.0		
CIE u':	0.2259	R1:	67.4	R9:	-37.9
CIE v':	0.5049	R2:	78.3	R10:	48.9
Duv:	0.0014	R3:	87.2	R11:	64.6
CIE x:	0.3853	R4:	69.5	R12:	40.9
CIE y:	0.3827	R5:	67.2	R13:	69.2
CIE z:	0.2321	R6:	69.3	R14:	92.7
Peak Wavelength (nm):	449	R7:	79.9	R15:	59.8
Dominant Wavelength (nm):	578	R8:	48.9		
Purity:	30.46652				
Rf:	73.5				
Rg:	93.5				



Test Conditions

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

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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



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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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Scotopic Flux vs. Wavelength



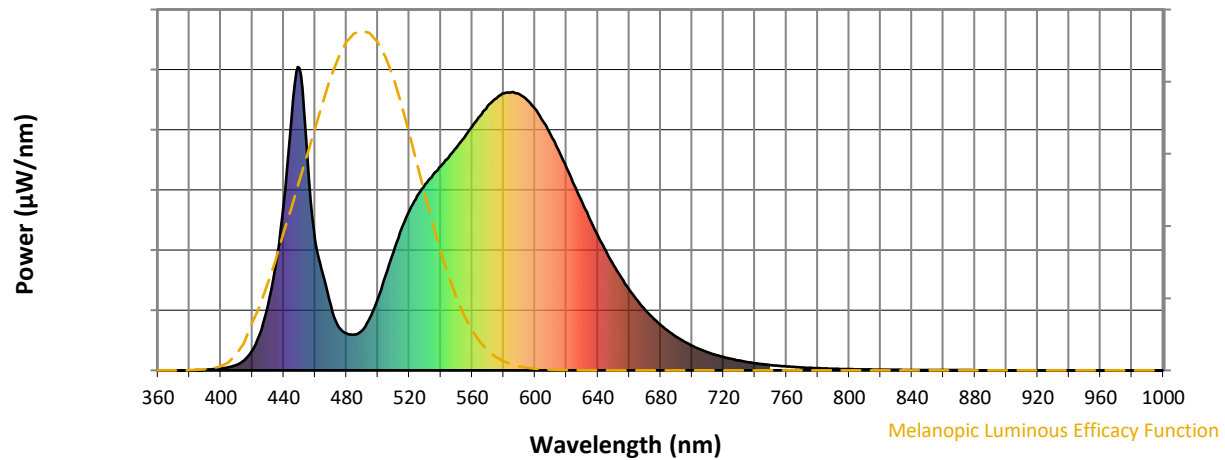
Scotopic Lumens: NR

S/P: 1.49

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /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

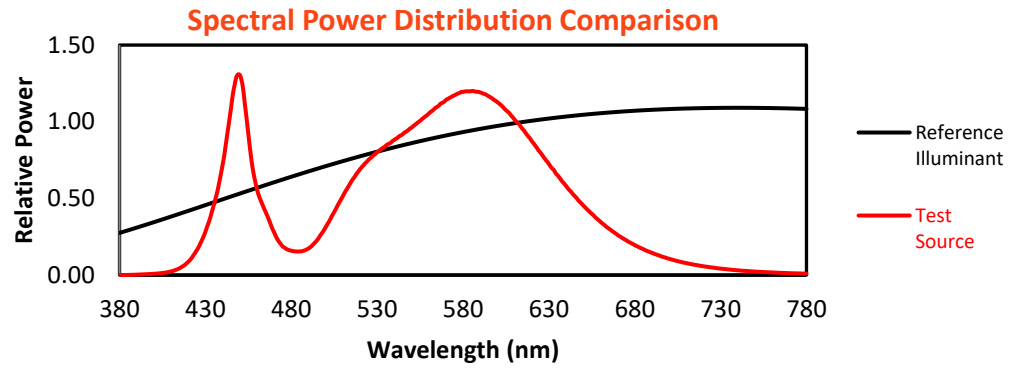
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	132	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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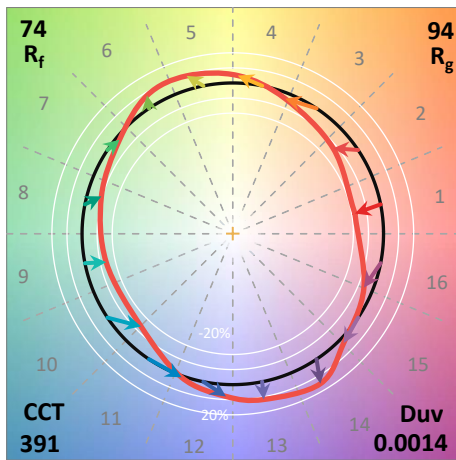
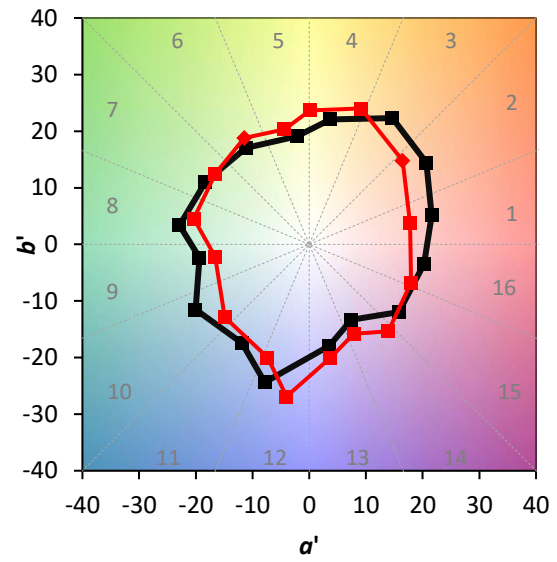
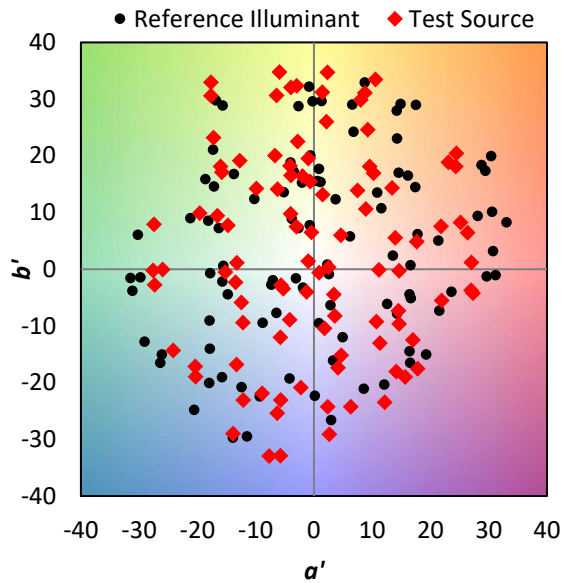
TM-30-18

Summary

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

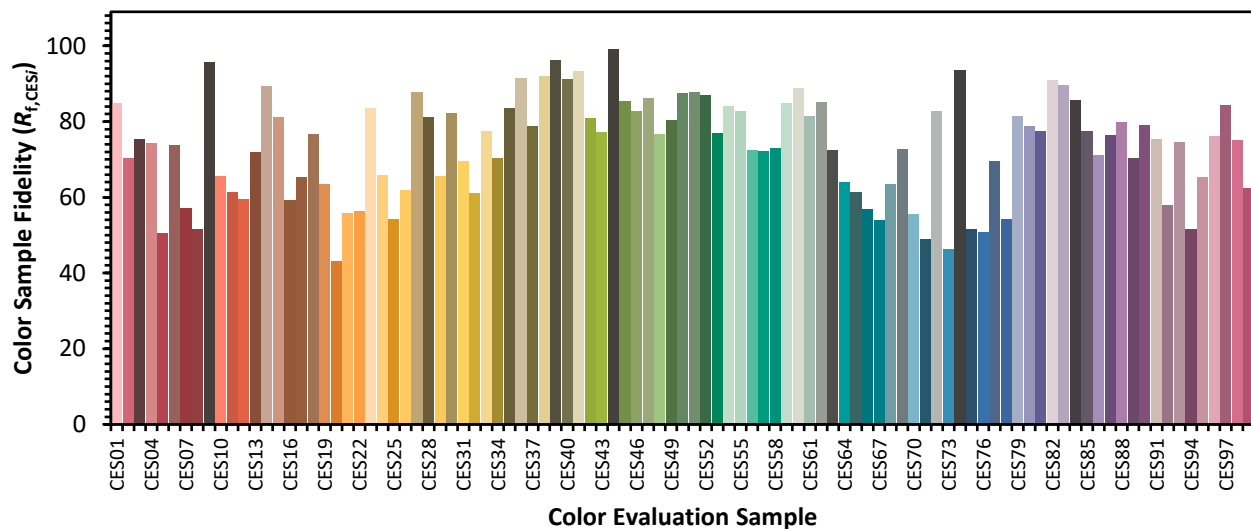


Color Vector Graphics

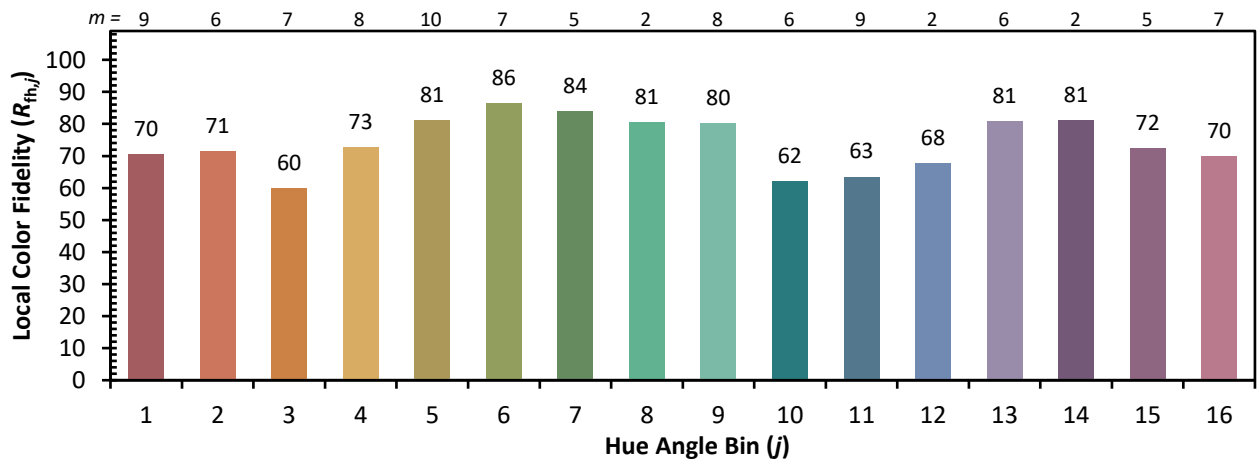
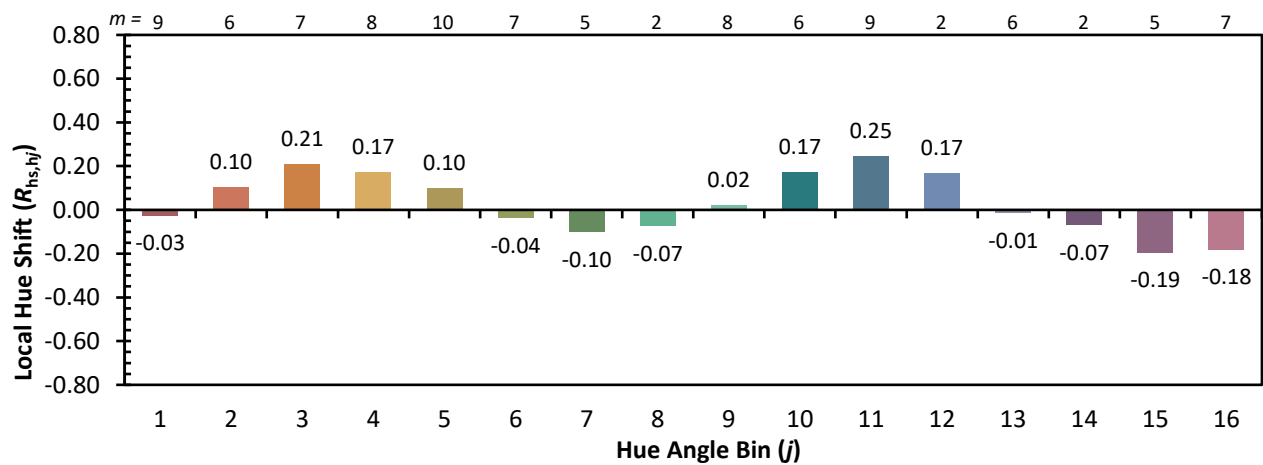


Individual Sample Fidelity Index ($R_{f,i}$)

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	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)