

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: P972331

Luminaire Tested: **GKO-PB2A-740-U-T2R**

Issue Date: 02/27/2025

Test Information

Test Method: LM-79-08
Report Number: P972331
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2A-740-U-T2R
Description: GEKKO WALL PACK 4000LM 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: 4244.8 lumens
Efficiency: N/A
Efficacy: 160.2 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

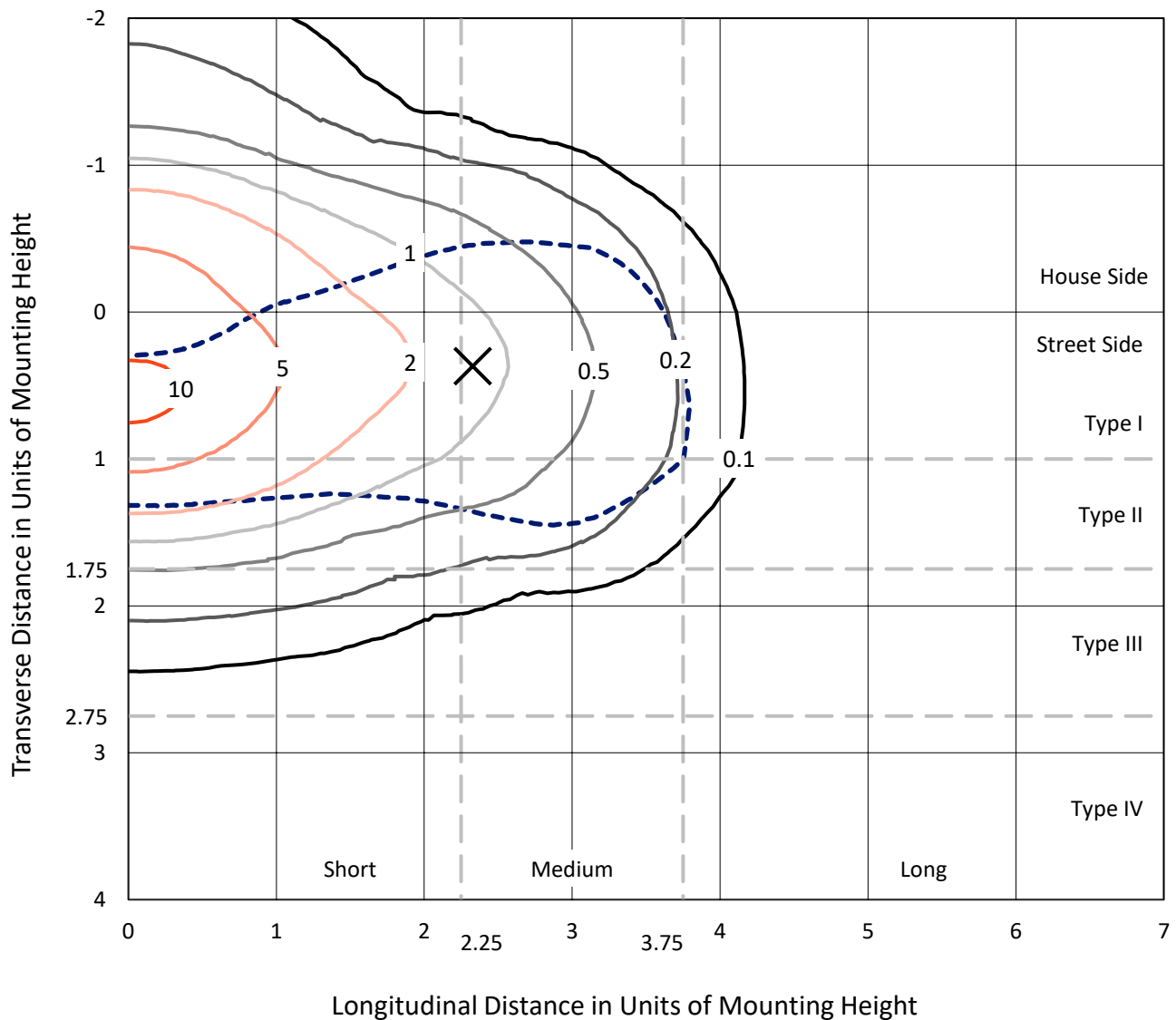
Input Watts (W): 26.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 12%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

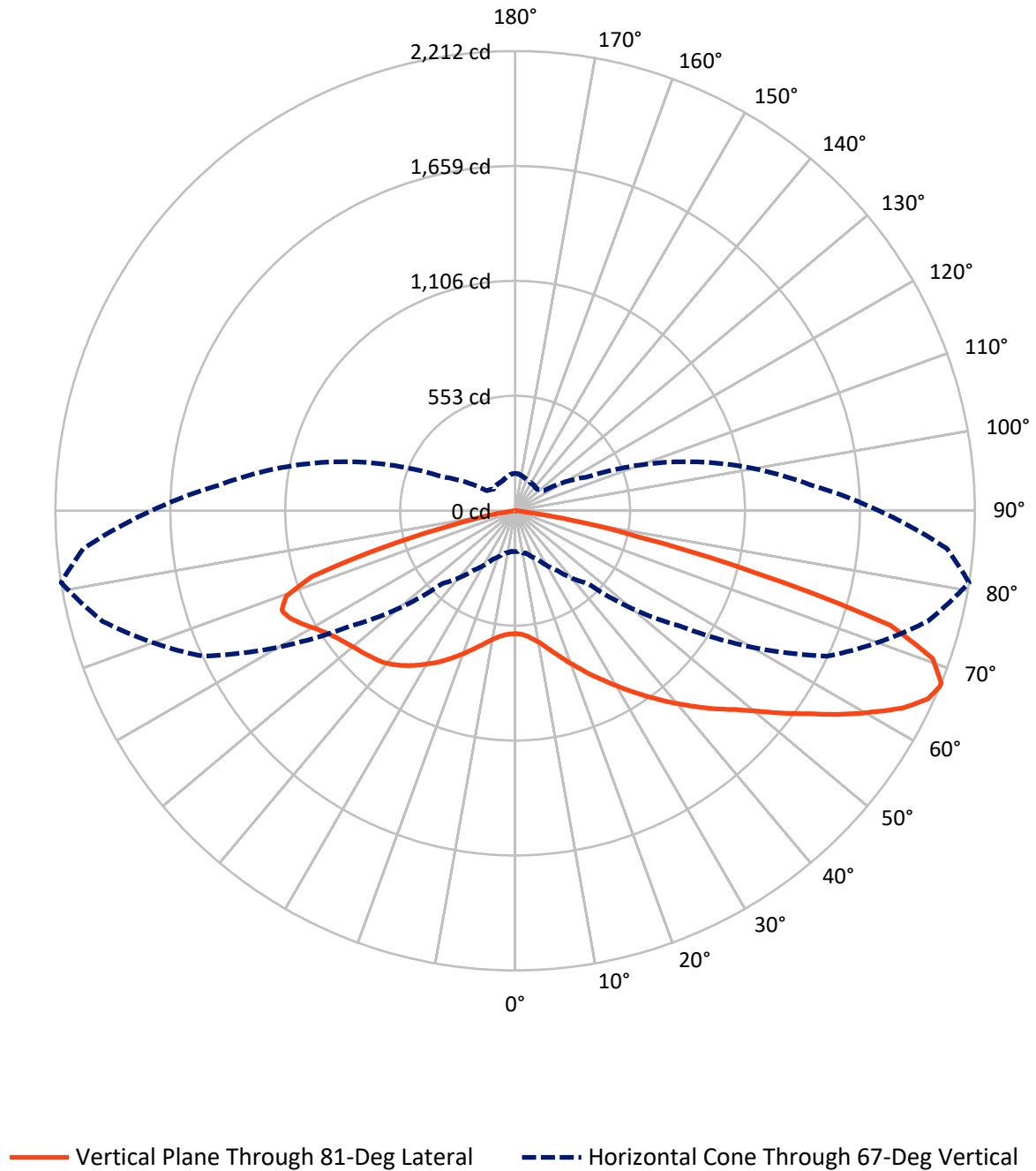


Based on 10 foot mounting height. Maximum calculated value = 11.4 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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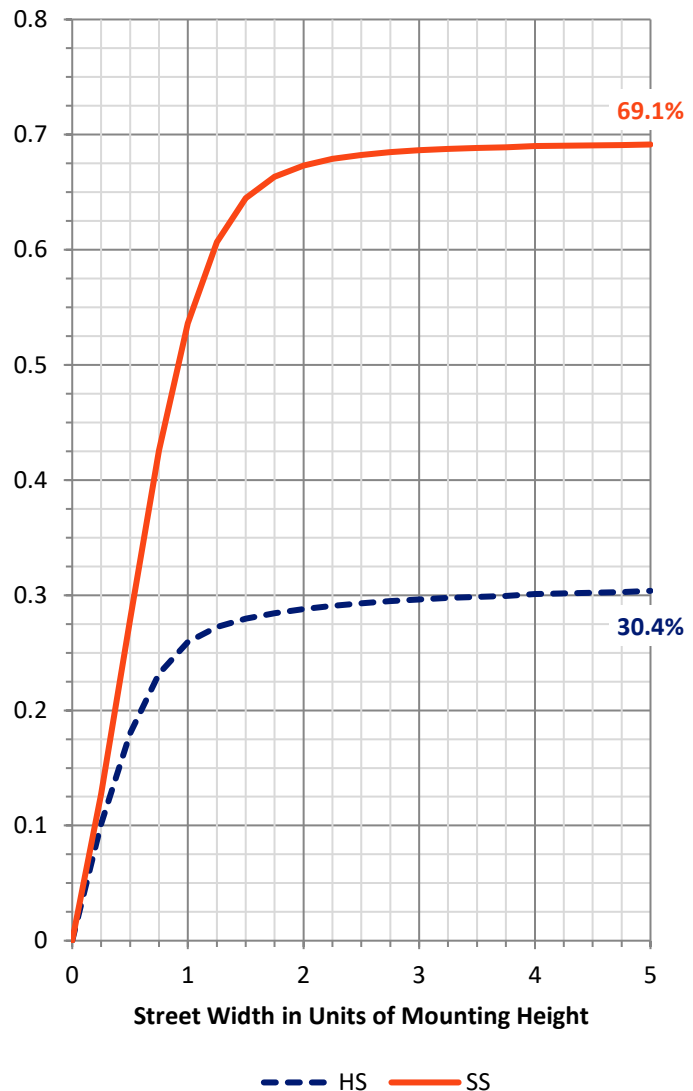
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1310.8	0.0	1310.8
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	2934.0	0.0	2934.0
	% Fixture	69.1	0.0	69.1
Total	Lumens	4244.8	0.0	4244.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.2	1.4
10°-20°	221.7	5.2
20°-30°	449.1	10.6
30°-40°	708.2	16.7
40°-50°	869.7	20.5
50°-60°	830.9	19.6
60°-70°	696.8	16.4
70°-80°	369.1	8.7
80°-90°	38.1	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°	4244.8	100.0
0°-180°	4244.8	100.0



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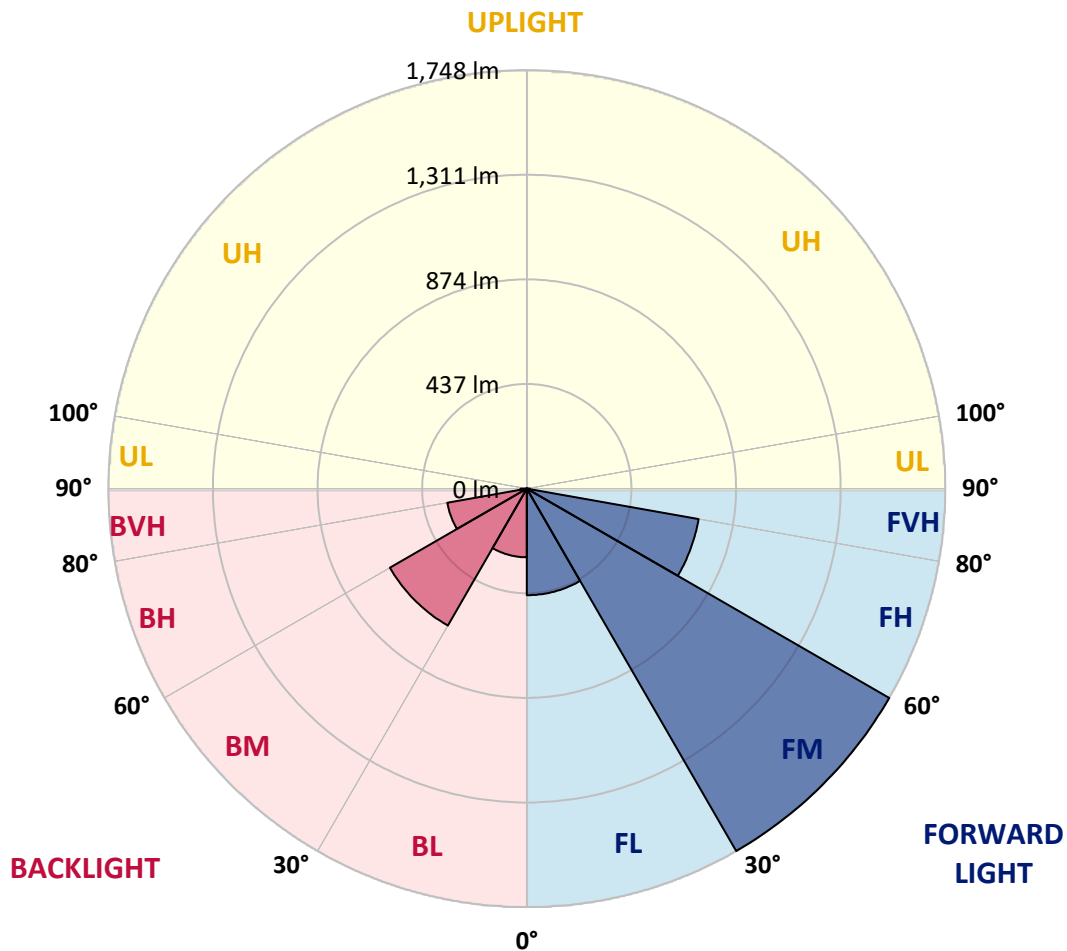
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	445.2	10.5			
FM	(30°-60°)	1748.3	41.2			
FH	(60°-80°)	728.7	17.2			G1/1800
FVH	(80°-90°)	11.8	0.3			G1/100
BL	(0°-30°)	286.8	6.8	B1/500		
BM	(30°-60°)	660.5	15.6	B1/1000		
BH	(60°-80°)	337.2	7.9	B1/500		G1/500
BVH	(80°-90°)	26.3	0.6			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°	81°	85°
0°	591.3	591.3	591.3	591.3	591.3	591.3	591.3	591.3	591.3	591.3	591.3
2.5°	625.4	627.0	623.8	623.0	619.7	614.9	609.2	605.1	598.6	595.4	593.7
5°	684.7	681.5	679.0	675.0	663.6	653.8	637.6	626.2	614.0	605.9	603.5
7.5°	757.0	758.6	750.5	739.9	723.7	704.2	678.2	657.1	634.3	623.8	618.9
10°	835.8	842.3	834.2	821.2	790.3	761.1	729.4	692.8	662.0	645.7	639.2
12.5°	931.6	935.7	925.1	908.1	870.7	826.8	782.2	736.7	696.1	675.8	664.4
15°	1038.8	1035.6	1025.0	999.8	951.9	903.2	842.3	783.0	735.1	709.9	693.6
17.5°	1149.3	1145.2	1131.4	1098.9	1044.5	983.6	911.3	836.6	776.5	748.9	726.9
20°	1254.9	1250.8	1241.1	1204.5	1138.7	1064.0	979.5	898.3	823.6	789.5	765.1
22.5°	1371.8	1368.6	1353.2	1308.5	1237.8	1155.8	1057.5	960.9	874.8	834.2	804.9
25°	1498.5	1499.4	1482.3	1419.8	1340.2	1244.3	1141.2	1031.5	932.4	881.3	848.0
27.5°	1646.4	1645.6	1616.3	1548.9	1449.0	1338.5	1224.0	1105.4	989.3	929.2	891.0
30°	1780.4	1777.1	1744.7	1677.2	1561.9	1437.6	1311.7	1176.9	1053.5	982.0	935.7
32.5°	1879.5	1880.3	1853.5	1779.6	1666.7	1534.3	1393.8	1257.3	1115.2	1038.8	987.7
35°	1951.0	1951.8	1925.8	1862.4	1756.8	1624.4	1480.7	1332.9	1184.2	1097.3	1042.1
37.5°	1973.7	1973.7	1956.6	1907.1	1821.0	1705.7	1566.0	1419.0	1253.3	1160.7	1097.3
40°	1942.8	1945.3	1944.5	1912.0	1852.7	1761.7	1644.7	1501.8	1330.4	1223.2	1153.4
42.5°	1873.0	1874.6	1877.0	1864.9	1846.2	1791.8	1708.1	1586.3	1407.6	1291.4	1208.6
45°	1757.6	1764.1	1776.3	1781.2	1788.5	1784.4	1747.1	1665.1	1493.7	1359.7	1263.0
47.5°	1611.4	1622.0	1638.3	1667.5	1708.1	1740.6	1756.8	1726.0	1577.3	1430.3	1323.9
50°	1408.4	1419.8	1463.6	1524.5	1604.9	1668.3	1730.0	1771.5	1670.7	1516.4	1392.1
52.5°	1127.4	1151.7	1225.6	1342.6	1480.7	1574.9	1673.2	1793.4	1765.8	1617.9	1473.4
55°	857.7	866.6	961.7	1102.2	1315.0	1474.2	1595.2	1782.0	1855.1	1724.3	1566.0
57.5°	599.4	609.2	692.0	845.5	1081.1	1342.6	1517.2	1743.8	1936.3	1849.4	1672.4
60°	425.6	436.2	497.9	611.6	839.8	1150.9	1444.9	1695.1	2007.0	1968.0	1795.0
62.5°	309.5	315.1	347.6	443.5	606.7	899.9	1341.8	1663.4	2056.5	2091.5	1920.9
65°	237.2	242.9	261.5	321.6	448.3	657.9	1156.6	1662.6	2069.5	2182.4	2029.7
67°	197.4	196.6	212.8	258.3	350.1	494.6	965.7	1656.1	2054.9	2211.7	2085.0
67.5°	186.8	190.1	203.1	241.2	330.6	455.7	924.3	1645.6	2050.0	2210.9	2089.0
70°	148.6	149.4	160.8	190.9	248.5	330.6	665.2	1541.6	1976.1	2131.3	2043.5
72.5°	108.8	108.0	125.1	144.6	190.1	240.4	445.9	1294.7	1816.1	1888.4	1816.9
75°	80.4	79.6	88.5	110.5	135.6	179.5	289.2	844.7	1229.7	1201.3	1109.5
77.5°	53.6	55.2	63.4	81.2	96.7	111.3	144.6	389.1	677.4	612.4	589.7
80°	32.5	30.1	35.7	46.3	56.0	56.9	61.7	168.1	290.8	277.0	259.9
82.5°	11.4	11.4	13.8	18.7	18.7	18.7	22.7	40.6	57.7	52.8	50.4
85°	0.0	0.0	0.0	0.0	1.6	2.4	1.6	3.2	5.7	6.5	6.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.6	2.4	3.2	3.2
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°	591.3	591.3	591.3	591.3	591.3	591.3	591.3	591.3	591.3	591.3	591.3
2.5°	593.7	593.7	591.3	588.0	586.4	585.6	583.2	579.9	582.4	584.8	584.8
5°	601.9	600.2	595.4	592.1	589.7	589.7	586.4	585.6	588.0	590.5	589.7
7.5°	614.9	611.6	605.9	601.0	601.9	602.7	597.8	597.8	600.2	602.7	602.7
10°	632.7	627.0	621.3	617.3	618.1	618.9	614.0	612.4	614.9	617.3	618.9
12.5°	655.5	648.2	641.7	637.6	636.8	637.6	632.7	631.1	631.1	632.7	632.7
15°	682.3	674.1	666.0	660.3	658.7	657.9	651.4	645.7	645.7	646.5	646.5
17.5°	713.1	701.8	691.2	684.7	680.6	675.0	667.6	659.5	657.1	657.9	657.9
20°	744.0	731.8	718.0	709.1	700.9	691.2	679.8	669.3	664.4	664.4	663.6
22.5°	779.7	763.5	744.8	732.6	718.0	701.8	685.5	671.7	666.8	665.2	665.2
25°	816.3	797.6	770.8	752.1	731.0	707.4	686.3	667.6	659.5	656.3	656.3
27.5°	853.6	831.7	796.8	770.0	739.1	706.6	678.2	654.7	643.3	639.2	637.6
30°	895.9	864.2	819.5	783.0	740.7	699.3	662.8	635.2	618.1	608.4	609.2
32.5°	939.7	899.9	840.6	791.1	738.3	685.5	639.2	604.3	582.4	573.4	570.2
35°	984.4	934.1	859.3	795.2	730.2	664.4	609.2	570.2	545.8	532.8	532.8
37.5°	1029.9	969.8	872.3	794.4	715.6	636.8	574.2	532.8	504.4	488.1	484.1
40°	1074.6	1003.1	882.1	787.9	693.6	603.5	536.9	492.2	454.0	432.9	429.7
42.5°	1118.4	1030.7	886.9	777.3	667.6	566.9	494.6	434.5	398.0	378.5	377.7
45°	1158.2	1052.6	887.8	763.5	633.5	525.5	437.8	380.1	343.6	323.3	323.3
47.5°	1197.2	1077.0	886.9	745.6	596.2	471.9	377.7	321.6	288.3	275.3	271.3
50°	1244.3	1101.4	886.1	723.7	548.2	407.7	319.2	271.3	242.9	229.9	229.9
52.5°	1292.2	1129.8	887.8	692.8	491.4	345.2	267.2	225.0	206.3	198.2	197.4
55°	1354.0	1159.9	891.8	656.3	432.1	284.3	222.5	194.1	181.1	177.1	177.9
57.5°	1428.7	1201.3	899.9	613.2	363.1	233.1	190.9	175.4	172.2	173.8	174.6
60°	1514.0	1252.4	911.3	564.5	302.1	194.1	172.2	168.9	172.2	178.7	179.5
62.5°	1613.1	1314.2	925.9	510.1	242.0	170.6	164.1	166.5	168.9	179.5	180.3
65°	1700.8	1380.8	929.2	445.9	196.6	155.1	159.2	160.8	167.3	179.5	180.3
67°	1750.3	1426.3	907.3	385.0	168.1	147.0	152.7	154.3	165.7	177.9	179.5
67.5°	1756.0	1436.0	892.6	369.6	162.4	145.4	151.1	154.3	165.7	177.9	178.7
70°	1739.0	1429.5	795.2	278.6	134.0	134.0	140.5	147.8	159.2	172.2	177.9
72.5°	1587.1	1303.6	615.7	189.2	113.7	121.0	130.8	141.3	151.9	167.3	177.1
75°	1003.1	839.0	376.9	126.7	95.0	108.0	123.5	135.6	144.6	155.9	162.4
77.5°	536.1	415.0	162.4	74.7	74.7	95.8	114.5	125.9	130.8	134.8	138.9
80°	253.4	193.3	78.8	44.7	52.0	74.7	101.5	113.7	115.3	120.2	121.8
82.5°	50.4	43.9	26.0	23.6	34.1	53.6	84.5	98.3	99.1	107.2	108.8
85°	6.5	5.7	4.1	8.9	21.9	39.8	65.0	84.5	86.1	86.1	84.5
87.5°	3.2	2.4	2.4	6.5	16.2	30.1	53.6	70.7	71.5	56.0	54.4
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

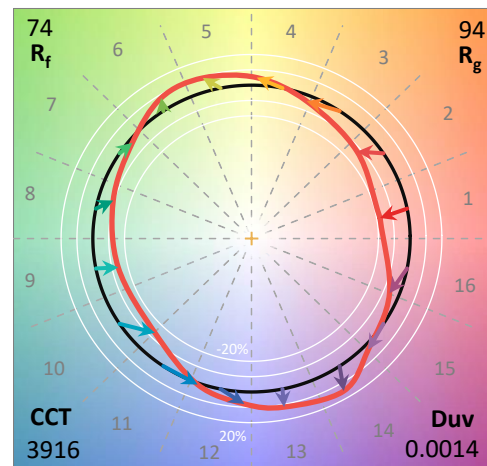
Data in this report applies to families of products including GKO-PB1E-740-U-T4W

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

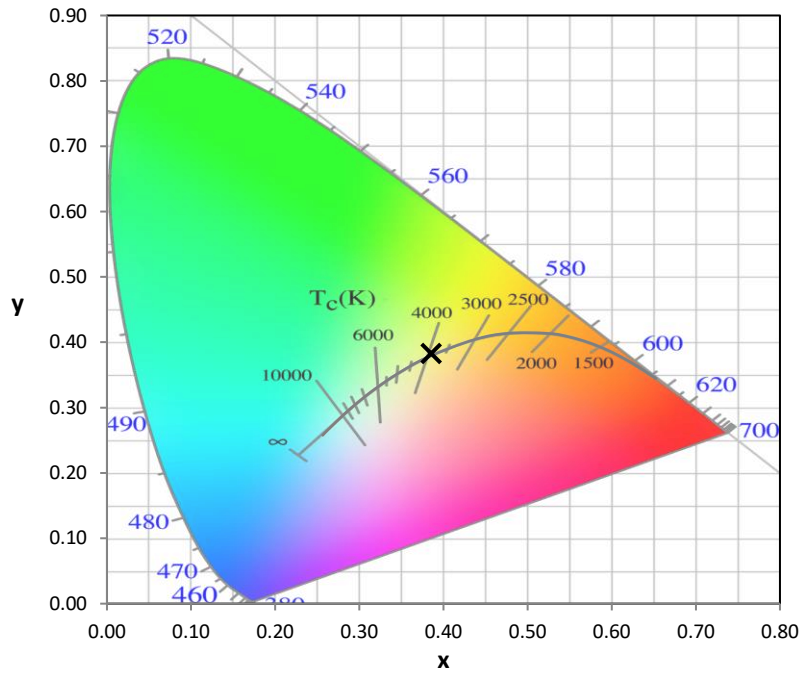
Stabilization Time: 33M
 Operation Time: 1H 33M
 Sphere Temperature (°C): 25.0

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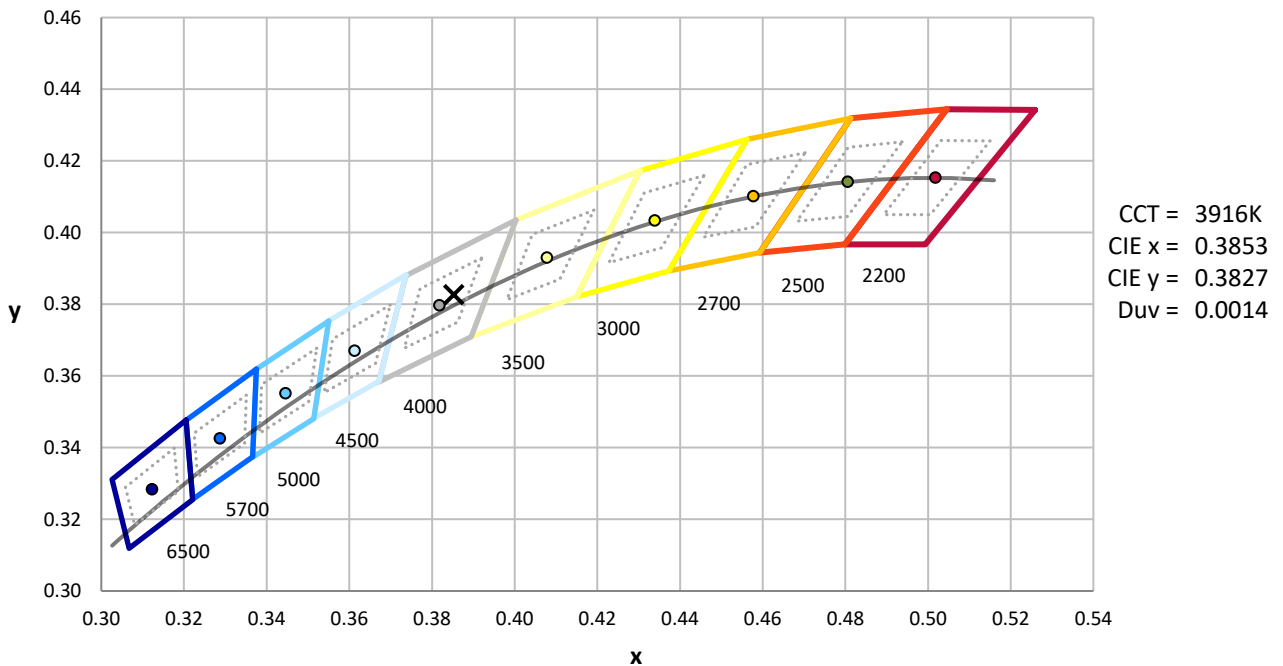
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



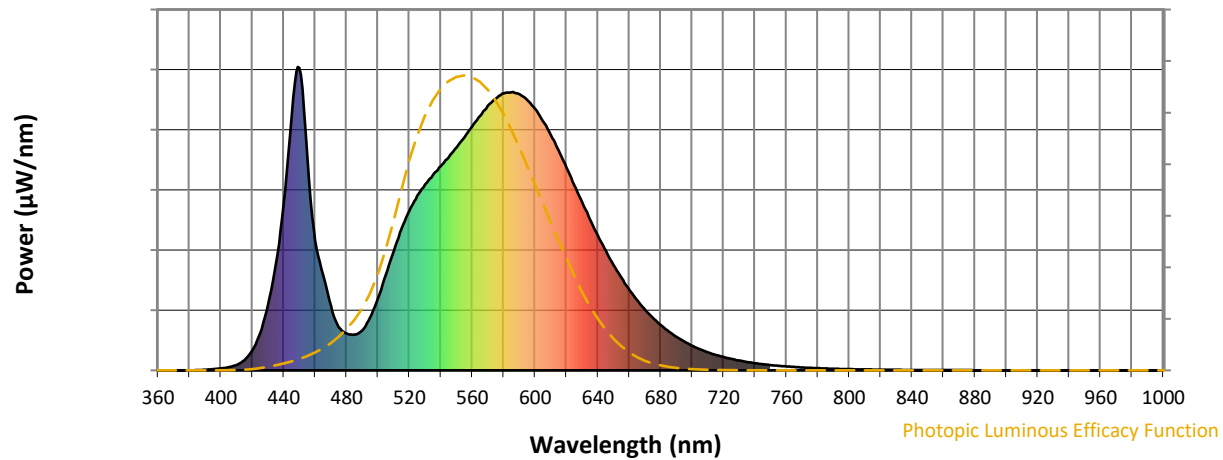
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

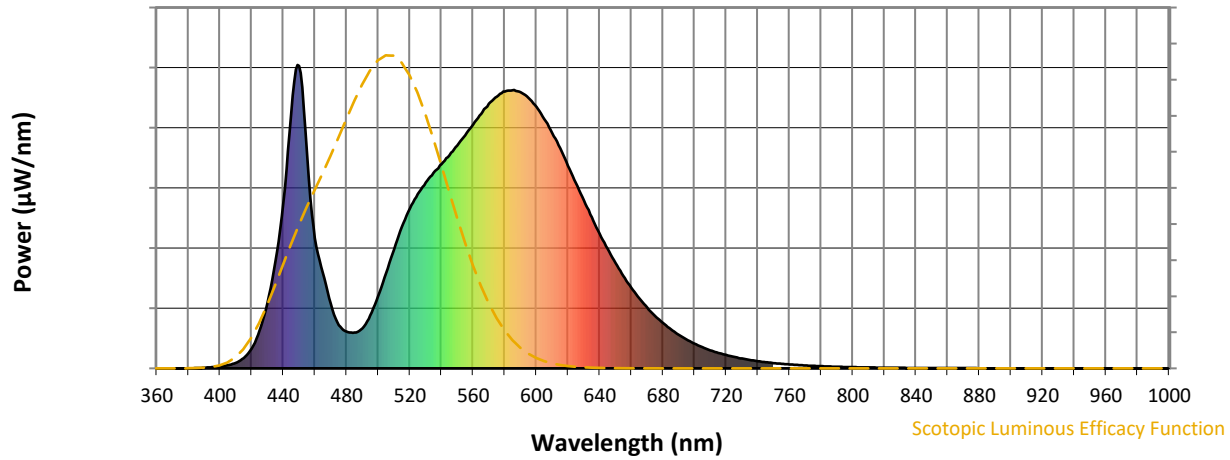


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Scotopic Flux vs. Wavelength



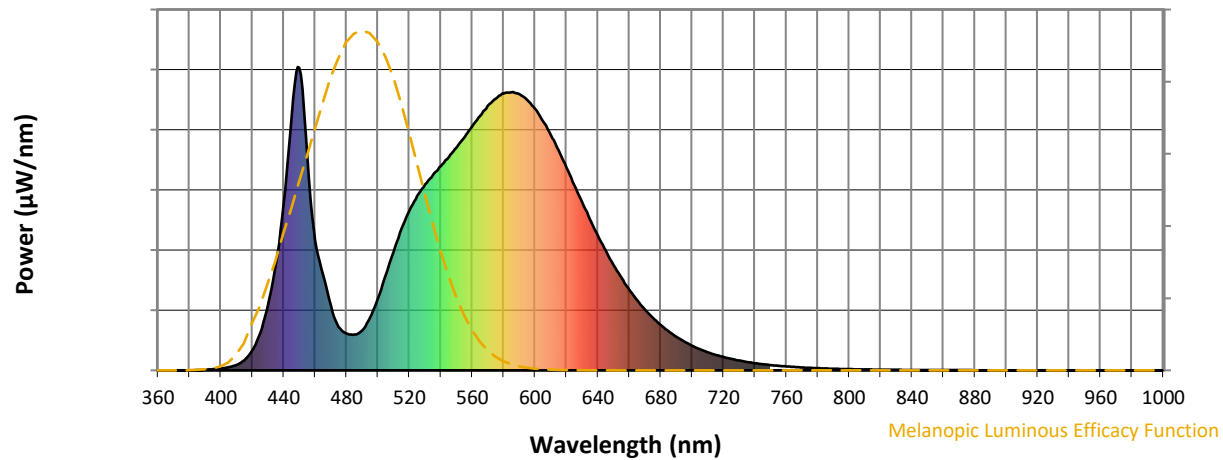
Scotopic Lumens: NR

S/P: 1.49

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

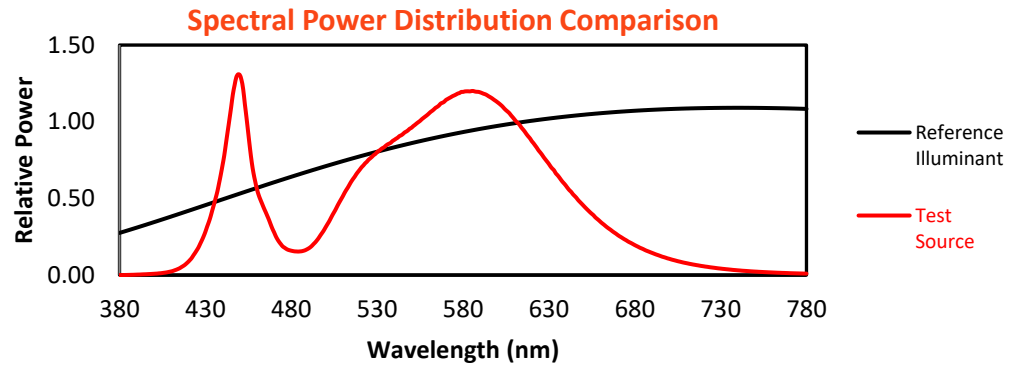
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	132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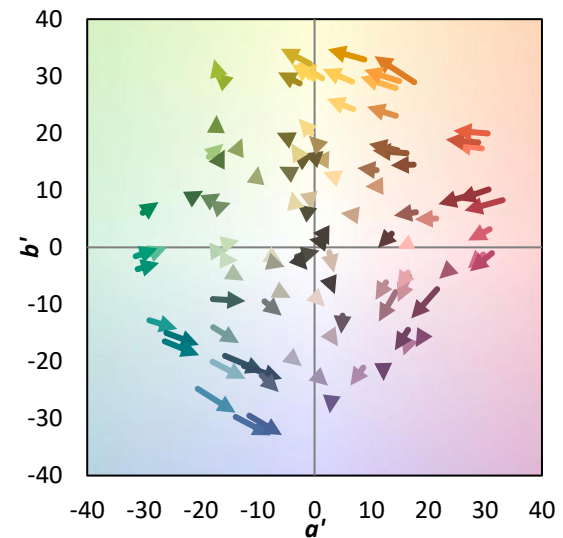
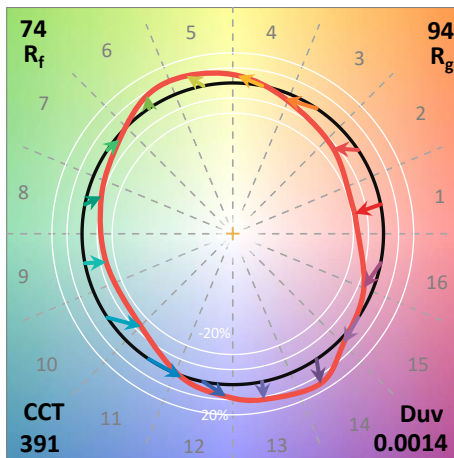
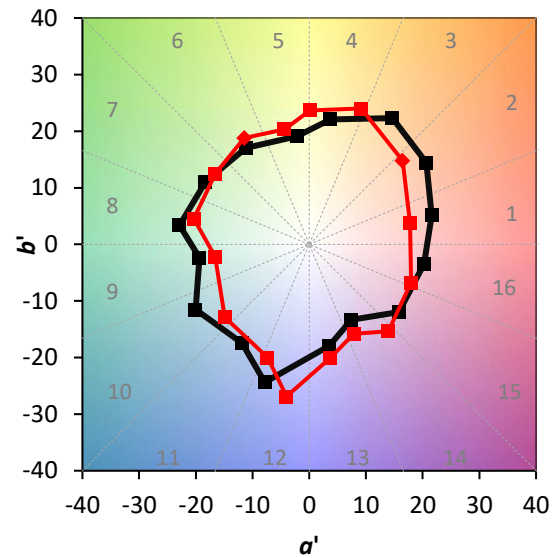
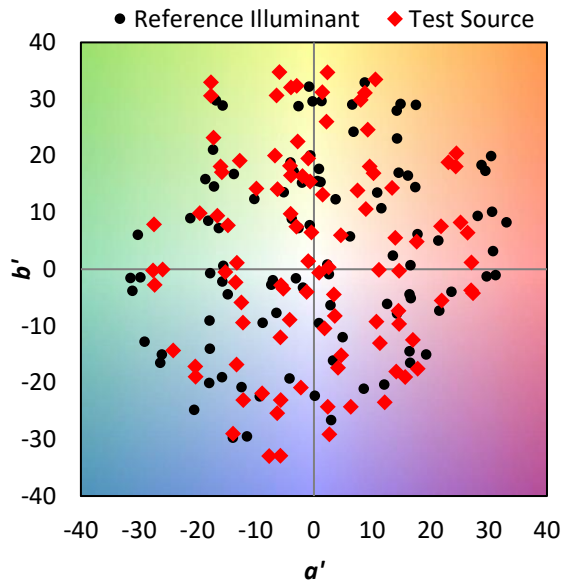
TM-30-18

Summary

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

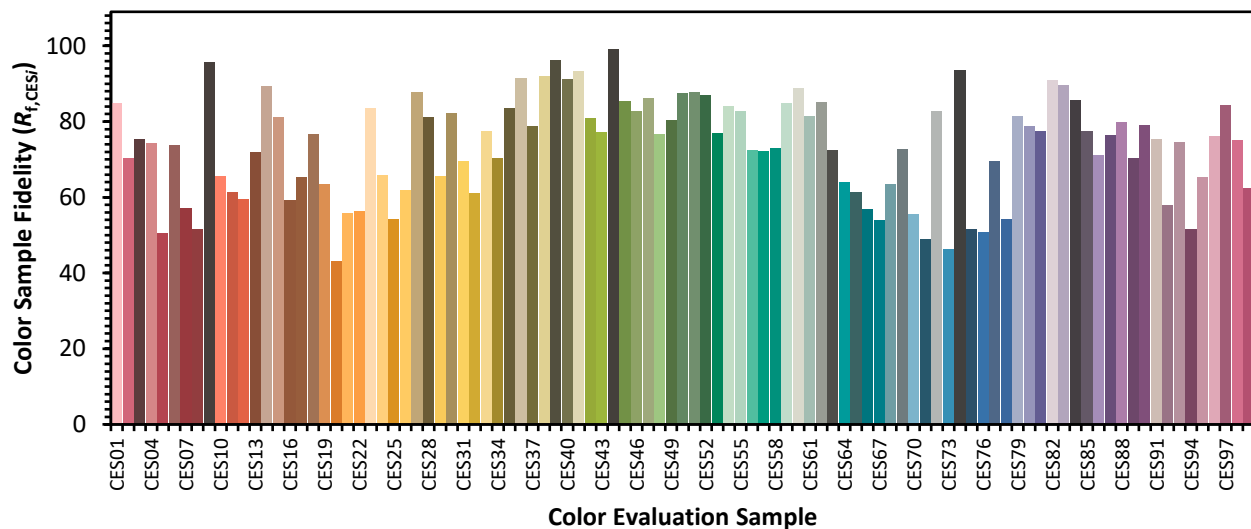


Color Vector Graphics

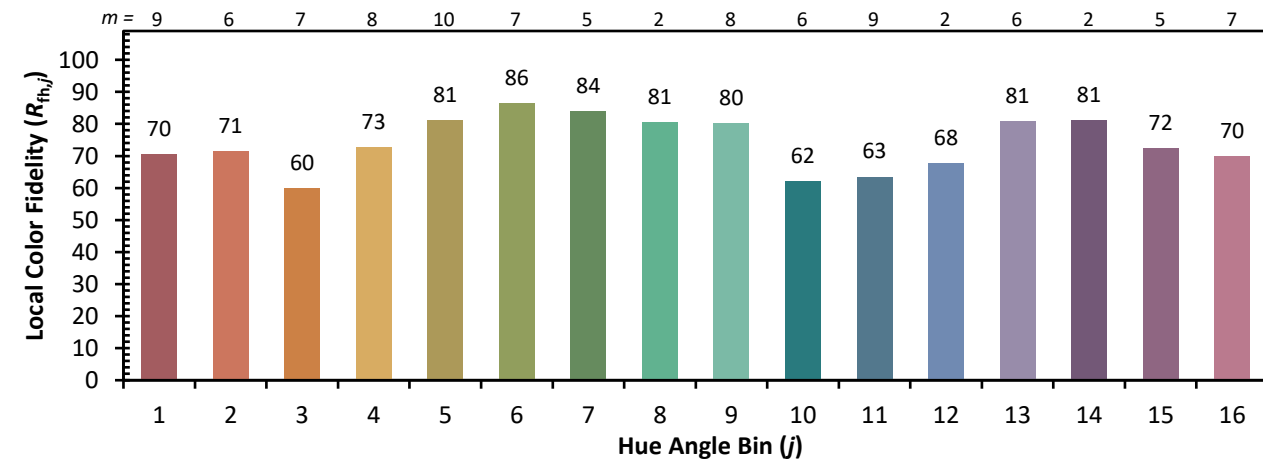
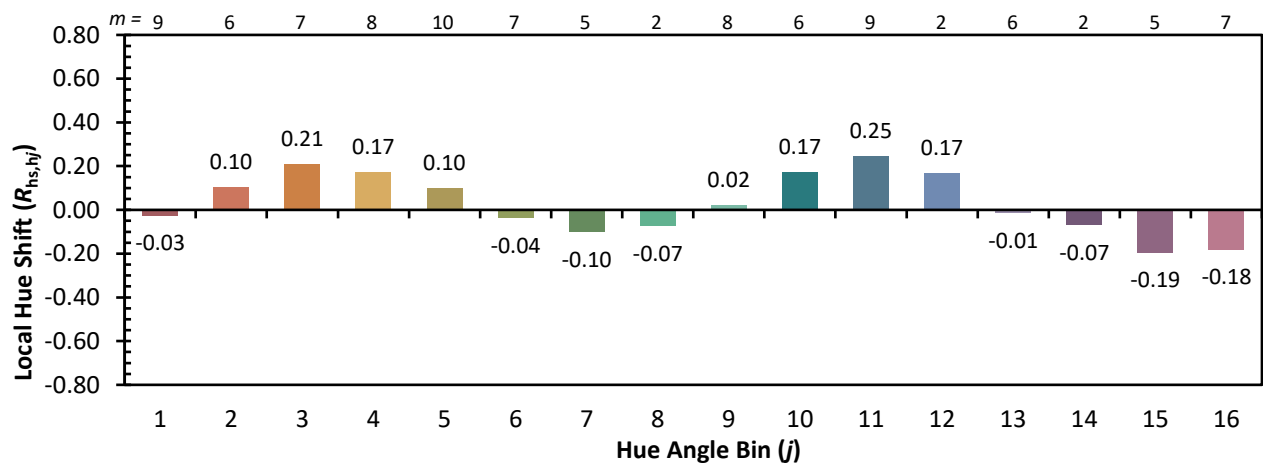
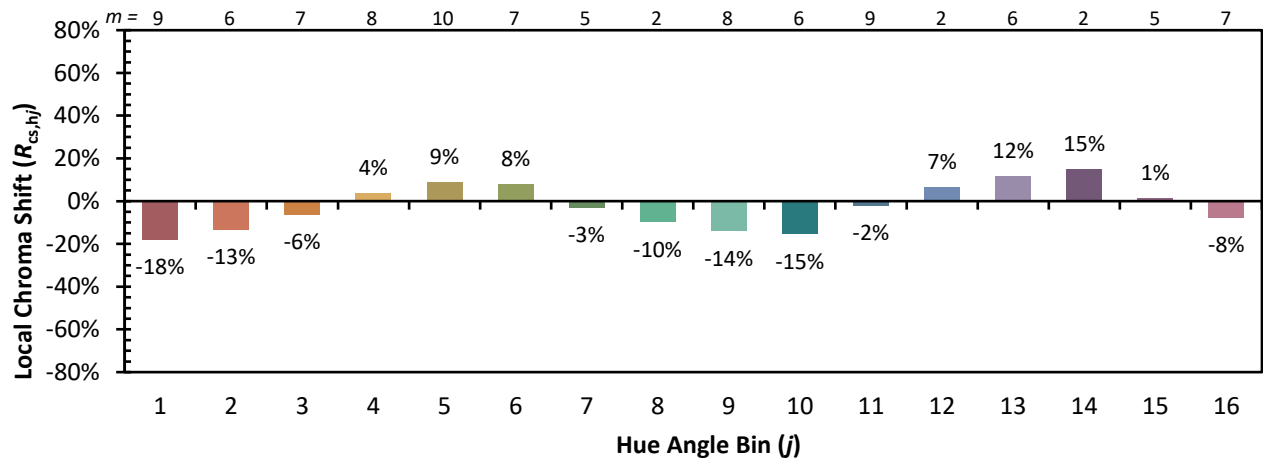


Individual Sample Fidelity Index ($R_{f,i}$)

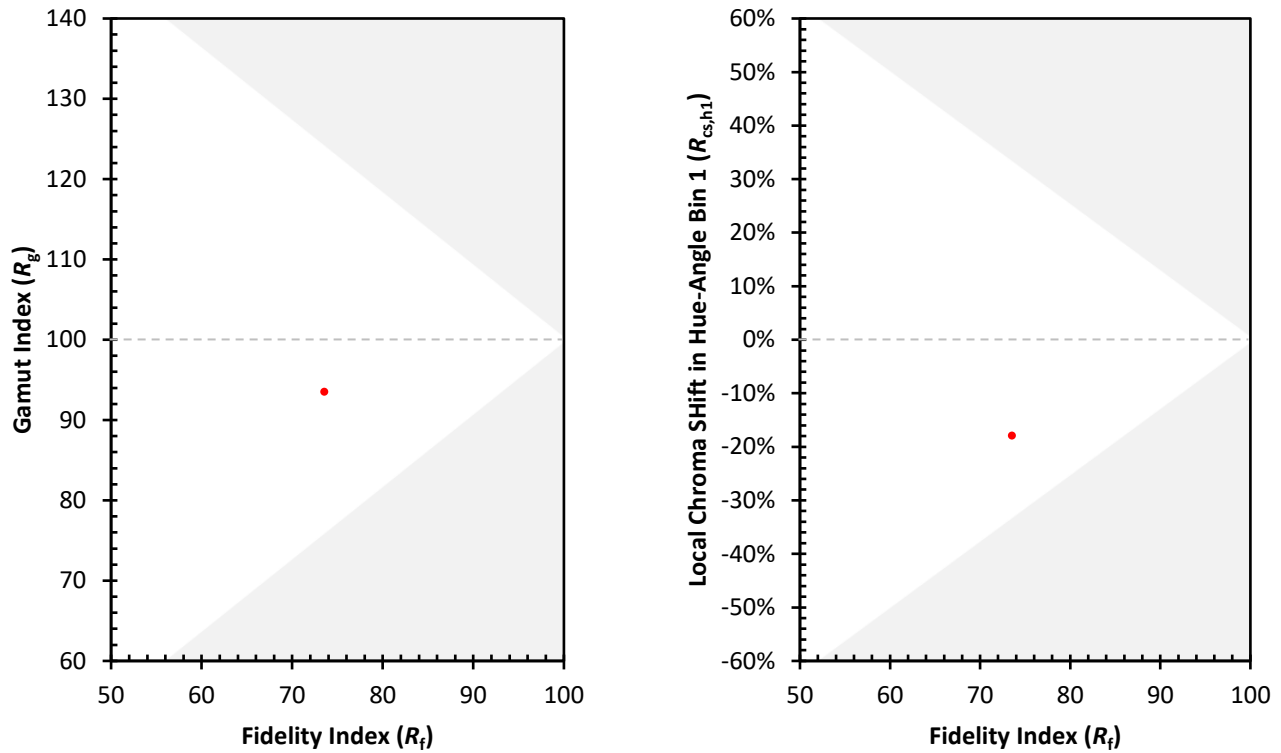
CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 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)