

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: P1211793

Luminaire Tested: **GKO-PB1D-835-U-T4W**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211793
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1D-835-U-T4W
Description: GEKKO WALL PACK 3500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

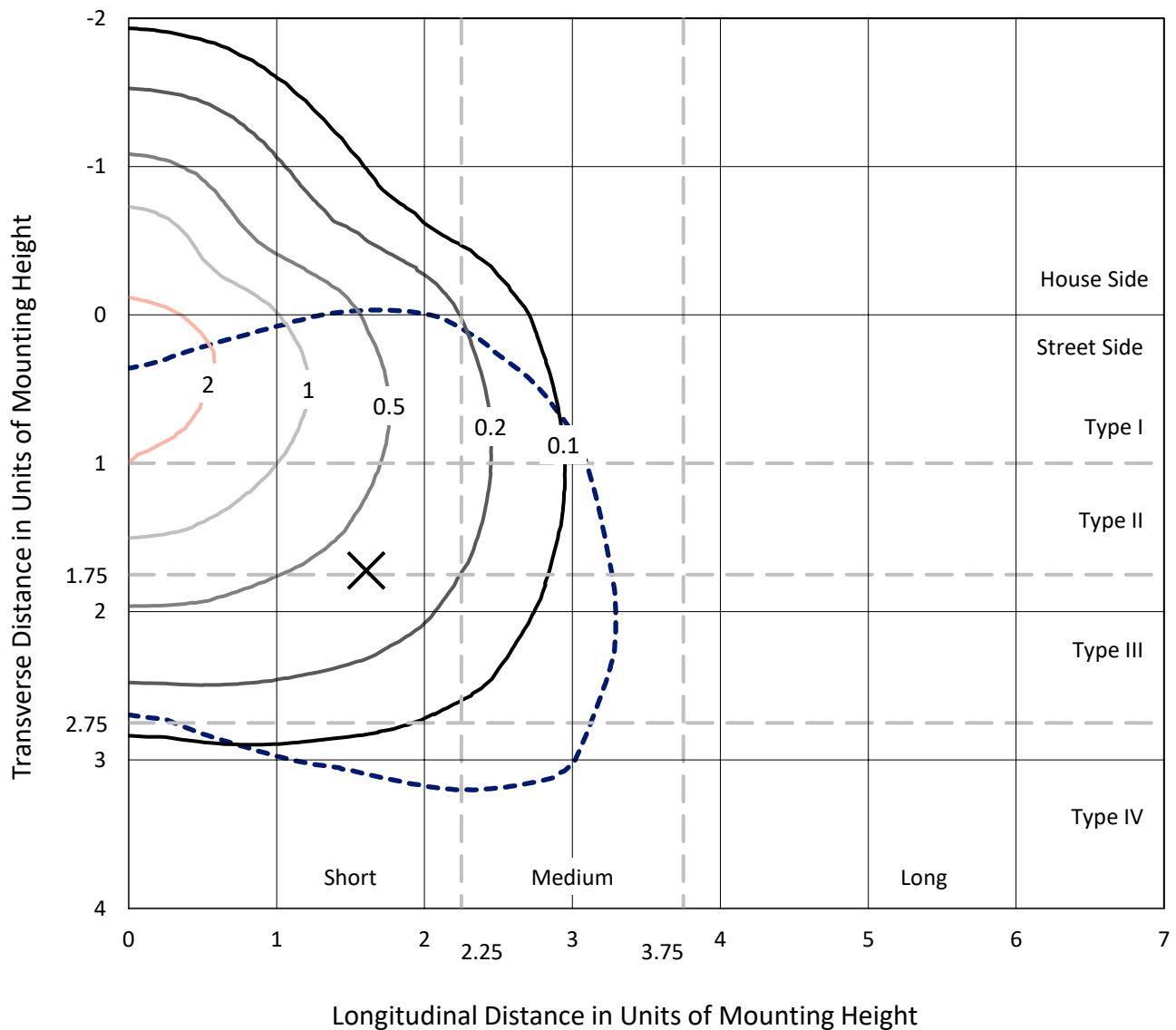
Lumens per Lamp: N/A
Luminaire Lumens: 3161.1 lumens
Efficiency: N/A
Efficacy: 123.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1211793
 CATALOG NUMBER: GKO-PB1D-835-U-T4W

Iso-Footcandle Lines of Horizontal Illumination

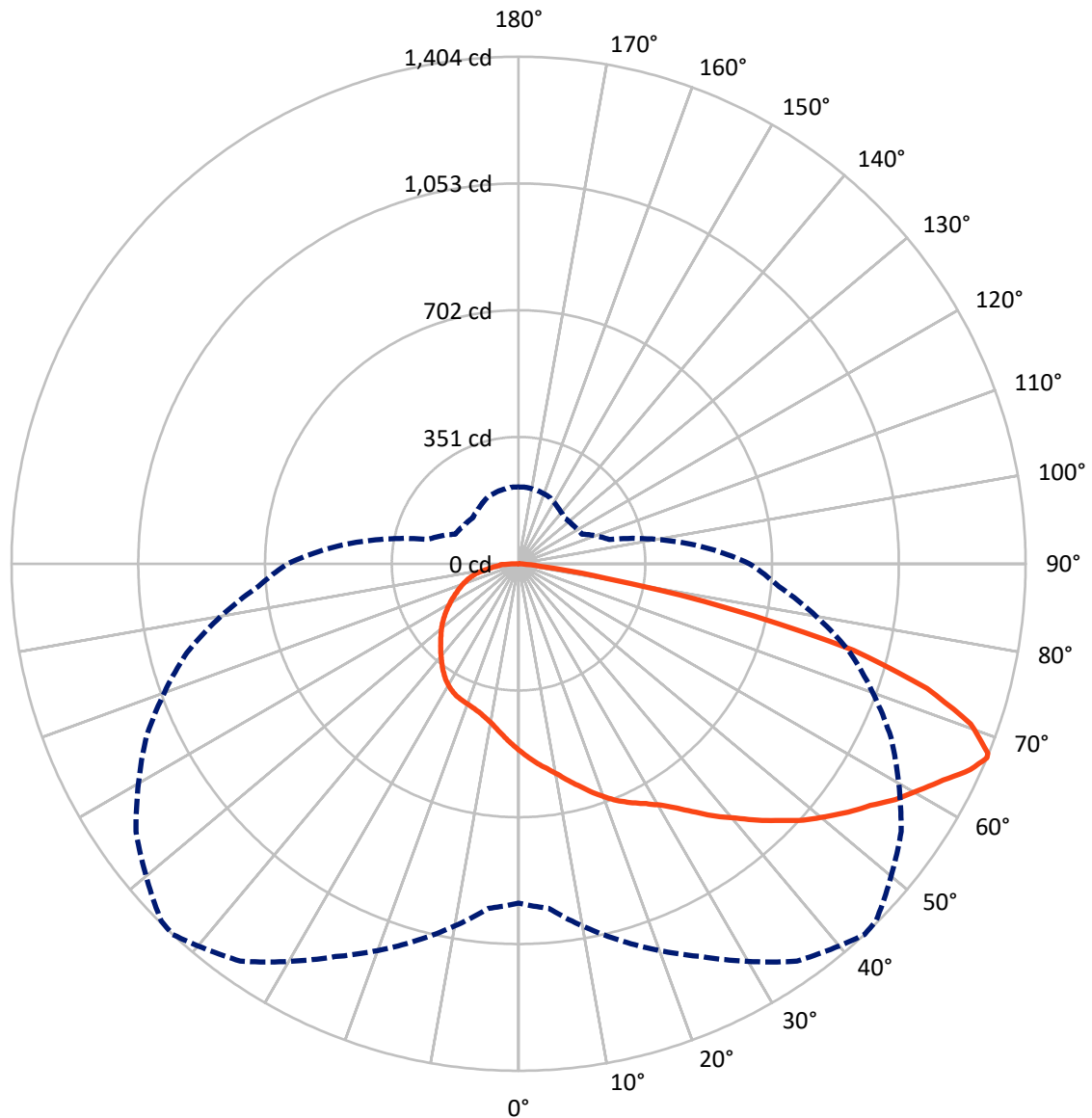
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type IV - Short - N/A

REPORT NUMBER: P1211793
CATALOG NUMBER: GKO-PB1D-835-U-T4W

Luminous Intensity Polar Plot



— Vertical Plane Through 43-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

REPORT NUMBER: P1211793

CATALOG NUMBER: GKO-PB1D-835-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	850.2	0.0	850.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	2310.8	0.0	2310.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	3161.1	0.0	3161.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.6	1.6
10°-20°	152.4	4.8
20°-30°	263.9	8.3
30°-40°	391.6	12.4
40°-50°	532.0	16.8
50°-60°	653.1	20.7
60°-70°	688.4	21.8
70°-80°	380.0	12.0
80°-90°	50.1	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°	3161.1	100.0
0°-180°	3161.1	100.0



REPORT NUMBER: P1211793

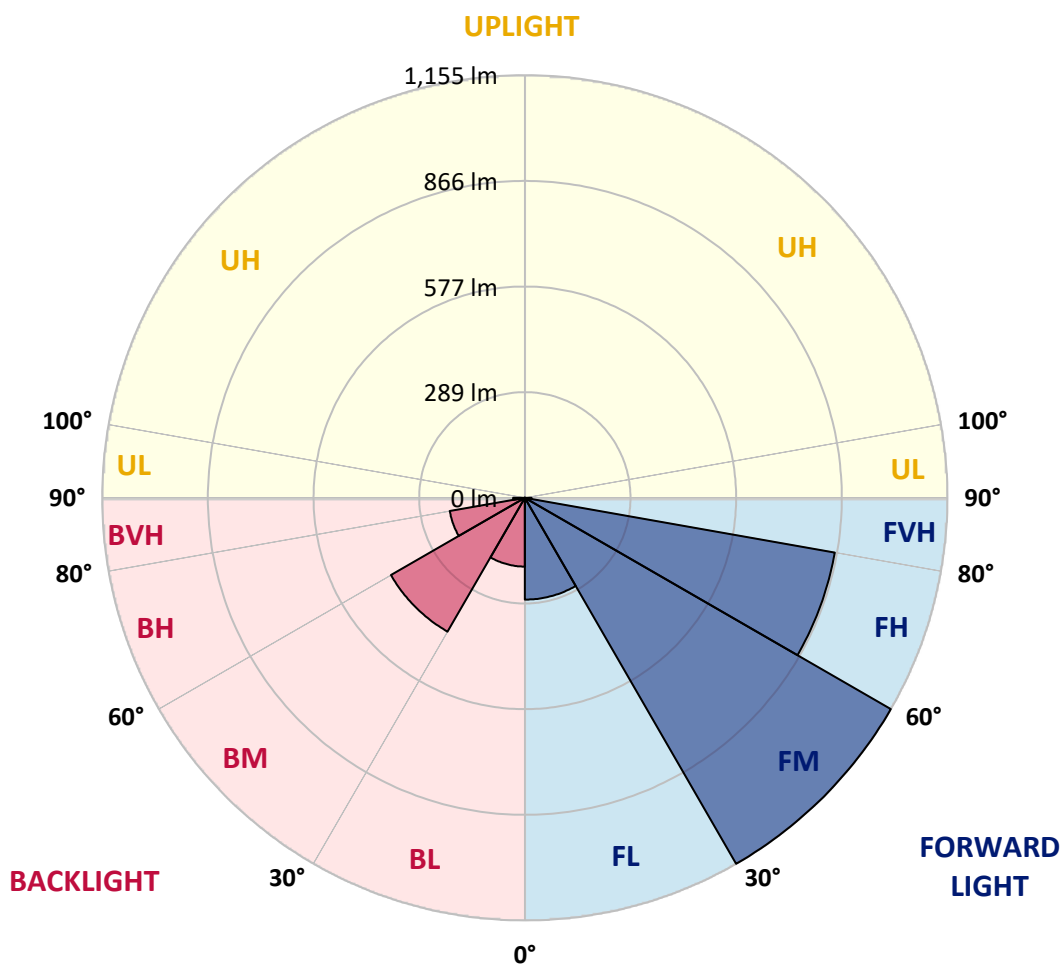
CATALOG NUMBER: GKO-PB1D-835-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	278.1	8.8			
FM	(30°-60°)	1154.5	36.5			
FH	(60°-80°)	860.0	27.2			G1/1800
FVH	(80°-90°)	18.3	0.6			G1/100
BL	(0°-30°)	187.8	5.9	B1/500		
BM	(30°-60°)	422.3	13.4	B1/1000		
BH	(60°-80°)	208.4	6.6	B1/500		G1/500
BVH	(80°-90°)	31.8	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





REPORT NUMBER: P1211793

CATALOG NUMBER: GKO-PB1D-835-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	518.8	518.8	518.8	518.8	518.8	518.8	518.8	518.8	518.8	518.8	518.8
2.5°	542.9	544.2	542.9	541.6	539.1	537.8	536.6	533.4	529.6	523.9	519.5
5°	566.9	566.9	565.0	563.8	560.0	556.2	554.3	546.7	538.5	529.0	520.1
7.5°	589.1	591.6	588.4	585.3	579.6	573.3	572.0	560.6	549.2	536.6	523.3
10°	616.9	618.8	614.4	611.9	601.1	592.9	590.3	576.4	561.2	545.4	528.3
12.5°	645.4	646.7	643.5	637.8	626.4	616.3	612.5	594.1	574.5	555.5	534.0
15°	670.1	671.3	670.1	663.7	653.0	640.3	635.3	615.0	591.0	566.3	541.0
17.5°	688.4	690.9	690.9	687.8	678.3	666.3	663.1	637.8	610.0	579.0	549.2
20°	704.2	705.5	708.0	706.1	701.1	690.9	686.5	662.5	628.9	593.5	557.4
22.5°	716.9	718.2	722.6	721.9	718.8	713.7	709.3	687.1	651.1	608.1	565.0
25°	739.0	738.4	740.9	739.0	735.2	733.3	730.8	711.2	673.2	625.1	575.2
27.5°	777.6	776.4	773.8	764.3	754.9	752.3	750.4	736.5	699.2	644.8	586.5
30°	834.6	835.8	823.8	802.3	783.3	775.7	773.2	763.7	728.3	667.5	599.2
32.5°	902.3	901.6	882.0	851.7	821.9	806.7	801.7	791.6	757.4	690.3	613.8
35°	951.0	949.7	939.6	912.4	881.4	845.3	835.8	820.0	788.4	716.3	628.3
37.5°	1016.8	1014.9	995.3	966.8	939.0	887.1	876.3	854.8	818.1	741.6	644.8
40°	1092.1	1080.1	1047.8	1018.7	980.7	925.7	916.8	889.0	852.3	772.6	663.7
42.5°	1160.4	1142.7	1101.0	1064.3	1016.8	971.2	959.9	927.0	885.2	801.0	683.4
45°	1262.9	1219.9	1159.8	1138.3	1056.0	1014.3	1004.8	964.3	921.3	832.0	703.0
47.5°	1250.3	1219.9	1200.3	1197.8	1097.2	1061.1	1047.2	1005.4	959.9	864.9	723.2
50°	1275.0	1250.9	1252.2	1221.2	1134.5	1101.0	1090.8	1048.4	999.1	897.2	744.7
52.5°	1269.9	1276.9	1273.1	1225.0	1170.6	1142.7	1135.1	1092.7	1036.4	928.2	763.7
55°	1310.4	1306.6	1298.4	1250.9	1210.4	1181.9	1175.6	1138.9	1074.4	954.8	780.2
57.5°	1340.1	1320.5	1319.9	1280.0	1254.7	1231.3	1221.2	1186.4	1109.8	978.2	792.8
60°	1321.8	1298.4	1315.5	1284.5	1281.9	1273.1	1267.4	1228.1	1141.5	995.9	797.9
62.5°	1223.7	1229.4	1280.0	1278.1	1311.7	1319.9	1313.6	1257.2	1162.3	1002.3	794.1
65°	1094.0	1111.1	1188.9	1255.3	1346.5	1374.9	1368.6	1278.1	1160.4	987.7	768.8
67°	939.6	958.0	1079.4	1200.3	1343.3	1404.0	1399.6	1293.3	1137.7	950.4	723.2
67.5°	905.4	926.3	1047.8	1175.0	1331.9	1401.5	1398.3	1294.6	1130.1	932.7	705.5
70°	666.3	690.9	862.4	1032.6	1240.8	1328.1	1327.5	1247.1	1051.6	836.5	611.9
72.5°	415.1	437.2	615.0	805.5	1075.0	1182.6	1178.2	1086.4	905.4	682.7	482.8
75°	254.4	268.3	387.2	525.2	779.5	957.3	963.7	849.1	617.5	405.6	272.7
77.5°	155.7	170.8	244.2	324.0	476.4	595.4	596.7	470.8	317.0	220.8	149.3
80°	86.7	90.5	127.2	169.6	244.2	245.5	235.4	207.5	164.5	106.3	76.6
82.5°	34.2	36.7	55.0	68.3	69.6	72.8	67.7	61.4	51.9	34.2	24.0
85°	0.0	0.0	0.0	1.3	4.4	8.9	8.9	6.3	2.5	1.9	1.9
87.5°	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1211793

CATALOG NUMBER: GKO-PB1D-835-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	518.8	518.8	518.8	518.8	518.8	518.8	518.8	518.8	518.8	518.8	518.8
2.5°	518.2	517.6	513.1	508.1	504.3	501.1	498.0	494.2	494.2	495.4	494.8
5°	516.9	513.8	505.6	496.7	489.7	483.4	477.7	472.7	472.0	472.7	473.3
7.5°	517.6	511.9	499.2	485.9	474.6	466.3	458.1	454.3	453.7	453.7	453.7
10°	520.1	511.9	494.8	476.4	462.5	450.5	441.6	437.9	438.5	439.1	439.8
12.5°	524.5	513.1	491.6	468.2	450.5	438.5	429.6	426.5	429.0	432.2	432.8
15°	529.0	515.7	488.5	461.3	441.0	427.7	421.4	420.8	425.2	430.9	432.2
17.5°	534.0	517.6	484.7	452.4	430.9	420.1	417.0	418.9	425.8	434.7	436.6
20°	539.1	520.1	480.2	444.2	421.4	413.8	415.7	421.4	430.3	441.0	442.9
22.5°	544.2	522.0	474.6	434.1	411.3	408.7	415.7	425.2	434.1	446.1	448.6
25°	549.8	524.5	467.6	421.4	401.2	403.1	415.1	426.5	436.0	448.6	451.8
27.5°	558.7	528.3	460.6	410.0	389.8	396.1	411.9	425.8	436.0	448.0	451.8
30°	567.6	532.1	454.9	398.0	378.4	386.6	405.6	422.7	432.8	443.5	448.6
32.5°	577.7	537.2	449.9	386.0	365.7	375.8	396.7	415.7	427.7	437.2	442.3
35°	588.4	544.8	446.1	375.2	353.1	361.9	383.4	406.8	418.9	427.7	432.2
37.5°	602.4	553.0	443.5	364.5	339.8	347.4	369.5	394.2	408.1	415.1	420.8
40°	617.5	565.0	443.5	355.6	327.1	332.2	355.0	381.5	395.5	401.2	406.8
42.5°	632.7	577.1	442.9	346.7	313.8	317.6	340.4	367.6	380.9	385.3	389.8
45°	650.5	591.0	442.3	336.6	299.3	303.1	326.5	353.7	366.4	370.1	373.9
47.5°	669.4	604.9	439.8	324.0	286.0	289.2	312.6	337.9	350.5	355.0	358.8
50°	686.5	618.2	433.4	309.4	274.0	277.1	298.0	318.9	330.3	335.3	339.1
52.5°	701.7	627.7	423.3	293.0	260.7	264.5	280.3	298.7	307.5	311.3	313.8
55°	713.7	632.7	406.8	277.1	248.0	249.9	262.6	279.0	286.0	286.6	288.5
57.5°	721.9	632.1	384.7	258.8	235.4	236.0	244.9	259.4	264.5	263.9	265.1
60°	723.8	623.9	358.1	241.7	222.7	220.8	229.7	239.8	243.0	245.5	248.7
62.5°	716.3	604.3	327.8	224.6	210.1	206.9	213.2	222.1	227.2	228.4	229.7
65°	688.4	568.2	291.1	206.9	197.4	191.7	198.7	211.3	219.6	222.1	221.5
67°	639.7	517.6	259.4	193.6	184.8	179.7	189.8	203.1	208.8	212.6	212.6
67.5°	623.9	499.2	248.7	189.2	181.6	177.2	186.7	199.3	206.9	211.3	211.3
70°	529.6	409.4	210.1	167.0	163.2	163.9	175.3	189.2	198.7	203.1	203.1
72.5°	403.7	317.0	170.8	145.5	144.3	148.7	163.2	175.9	187.9	195.5	194.9
75°	229.0	182.9	124.6	119.0	124.0	132.9	151.2	165.1	175.9	183.5	182.9
77.5°	133.5	110.1	86.1	81.6	96.2	116.4	135.4	153.1	160.7	163.2	161.3
80°	67.7	57.6	53.8	55.7	64.5	86.7	118.3	139.2	144.9	146.8	144.9
82.5°	21.5	19.6	21.5	28.5	43.0	68.3	95.5	125.9	132.9	132.9	132.2
85°	1.3	1.3	1.3	12.7	29.7	50.6	74.7	110.1	124.6	123.4	121.5
87.5°	0.6	0.6	0.6	8.2	23.4	42.4	65.8	100.0	119.0	110.1	103.8
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: SP1-2511-595-3

Test Date: 01/09/2026

Luminaire Tested: GKO-PB1C-835-U-T4W

Data in this report applies to families of products including GKO-PB1C

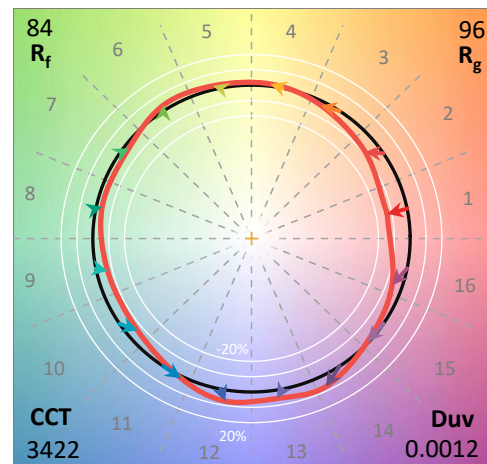
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2511-595-3
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 01/09/2026
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GKO-PB1C-835-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K): 3422
 CIE u' : 0.2372
 CIE v' : 0.5144
 Duv: 0.0012
 CIE x: 0.4111
 CIE y: 0.3962
 CIE z: 0.1928
 Peak Wavelength (nm): 598
 Dominant Wavelength (nm): 580
 Purity: 42.28884
 R_f: 83.9
 R_g: 95.8

CRI (Ra): 81.5
 R1: 79.2
 R2: 88.7
 R3: 96.3
 R4: 80.3
 R5: 79.7
 R6: 85.6
 R7: 83.5
 R8: 58.4
 R9: -1.4
 R10: 74.4
 R11: 79.7
 R12: 66.0
 R13: 81.3
 R14: 98.3
 R15: 71.2



Test Conditions

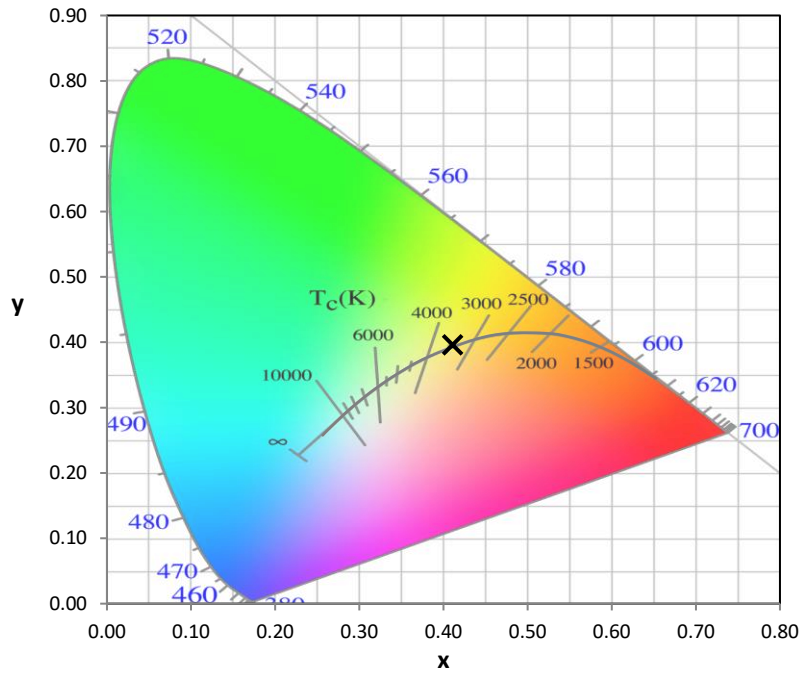
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.1

REPORT NUMBER: SP1-2511-595-3

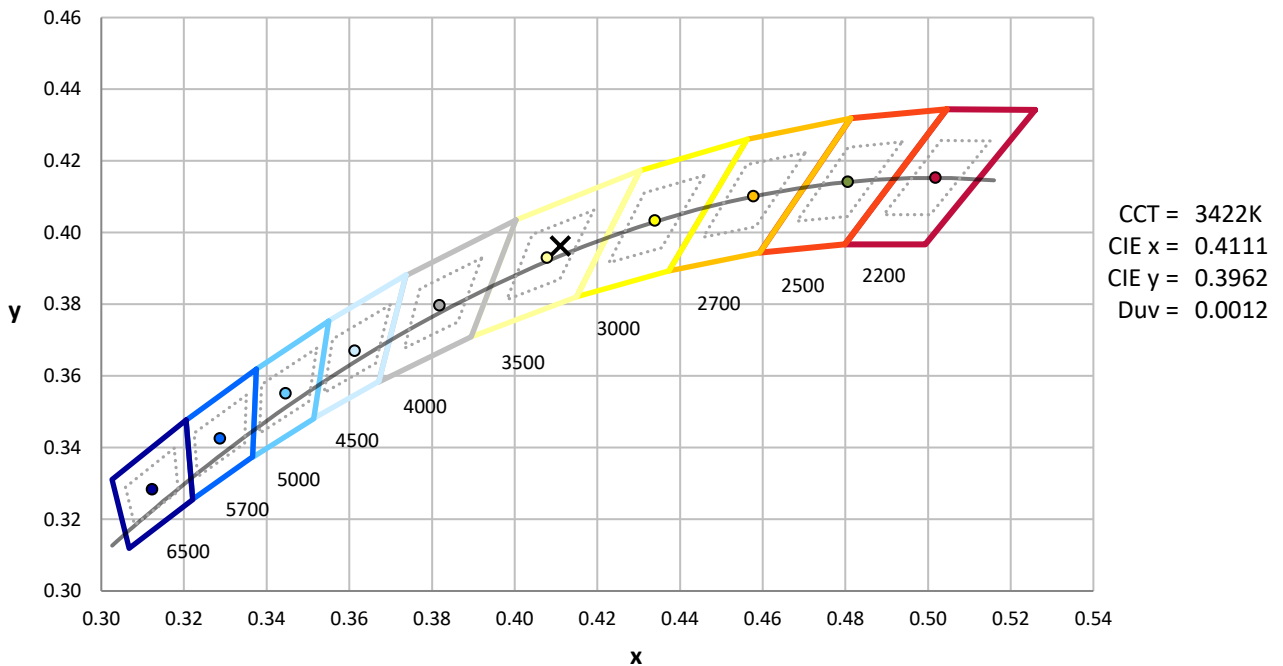
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	10/21/2025	10/21/2026
Sphere Thermometer	ONSET IN0085	10/21/2025	10/21/2026
Room Thermometer	ONSET IN0046	10/21/2025	10/21/2026

REPORT NUMBER: SP1-2511-595-3

CIE 1931 Chromaticity Diagram



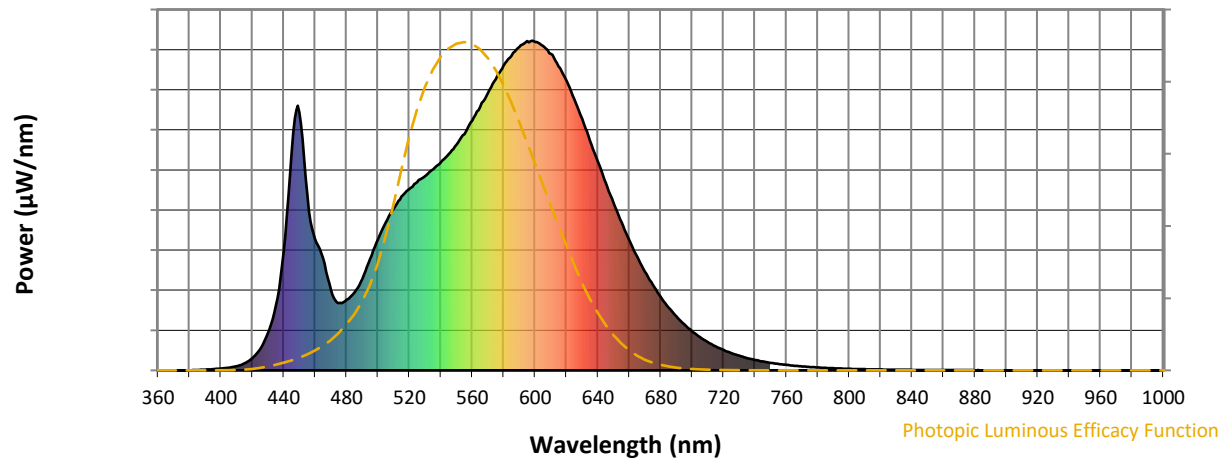
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2511-595-3

Photopic Flux vs. Wavelength

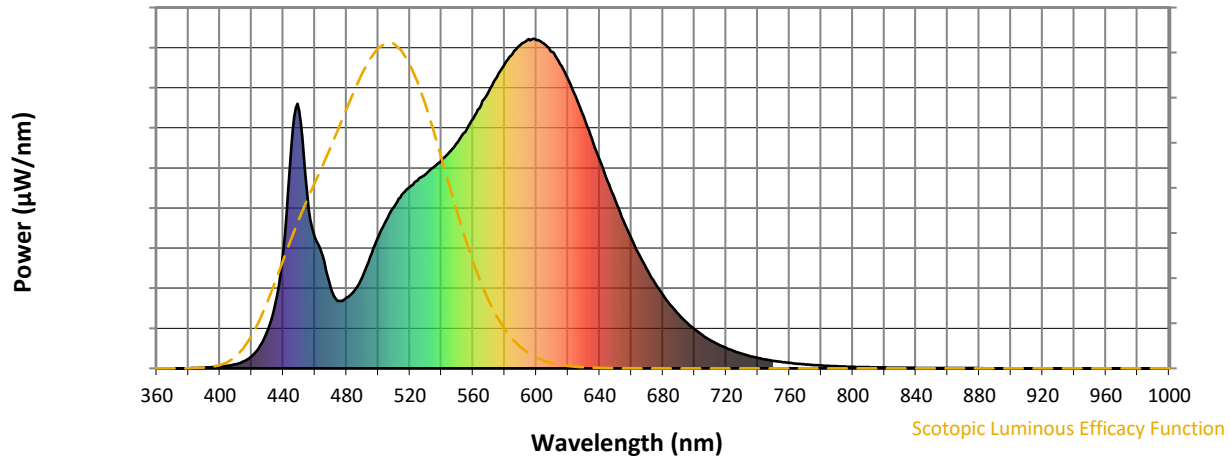


Photopic Lumens: NR

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	278	NR	620	878	NR	750	23	NR	880	1	NR
365	0	NR	495	338	NR	625	823	NR	755	20	NR	885	0	NR
370	0	NR	500	398	NR	630	763	NR	760	17	NR	890	0	NR
375	0	NR	505	448	NR	635	697	NR	765	14	NR	895	0	NR
380	0	NR	510	490	NR	640	633	NR	770	12	NR	900	0	NR
385	1	NR	515	527	NR	645	568	NR	775	10	NR	905	0	NR
390	2	NR	520	550	NR	650	508	NR	780	9	NR	910	0	NR
395	3	NR	525	571	NR	655	450	NR	785	7	NR	915	0	NR
400	5	NR	530	589	NR	660	395	NR	790	6	NR	920	0	NR
405	8	NR	535	610	NR	665	345	NR	795	5	NR	925	0	NR
410	13	NR	540	631	NR	670	299	NR	800	5	NR	930	0	NR
415	21	NR	545	656	NR	675	259	NR	805	4	NR	935	0	NR
420	37	NR	550	685	NR	680	223	NR	810	4	NR	940	0	NR
425	65	NR	555	717	NR	685	191	NR	815	3	NR	945	0	NR
430	114	NR	560	758	NR	690	164	NR	820	3	NR	950	0	NR
435	198	NR	565	799	NR	695	139	NR	825	2	NR	955	0	NR
440	359	NR	570	841	NR	700	118	NR	830	2	NR	960	0	NR
445	663	NR	575	883	NR	705	101	NR	835	2	NR	965	0	NR
450	782	NR	580	924	NR	710	86	NR	840	1	NR	970	0	NR
455	533	NR	585	954	NR	715	73	NR	845	1	NR	975	0	NR
460	398	NR	590	982	NR	720	62	NR	850	1	NR	980	0	NR
465	341	NR	595	999	NR	725	52	NR	855	1	NR	985	0	NR
470	244	NR	600	996	NR	730	44	NR	860	1	NR	990	0	NR
475	204	NR	605	984	NR	735	37	NR	865	1	NR	995	0	NR
480	214	NR	610	960	NR	740	32	NR	870	1	NR	1000	0	NR
485	236	NR	615	923	NR	745	27	NR	875	1	NR			

REPORT NUMBER: SP1-2511-595-3

Scotopic Flux vs. Wavelength



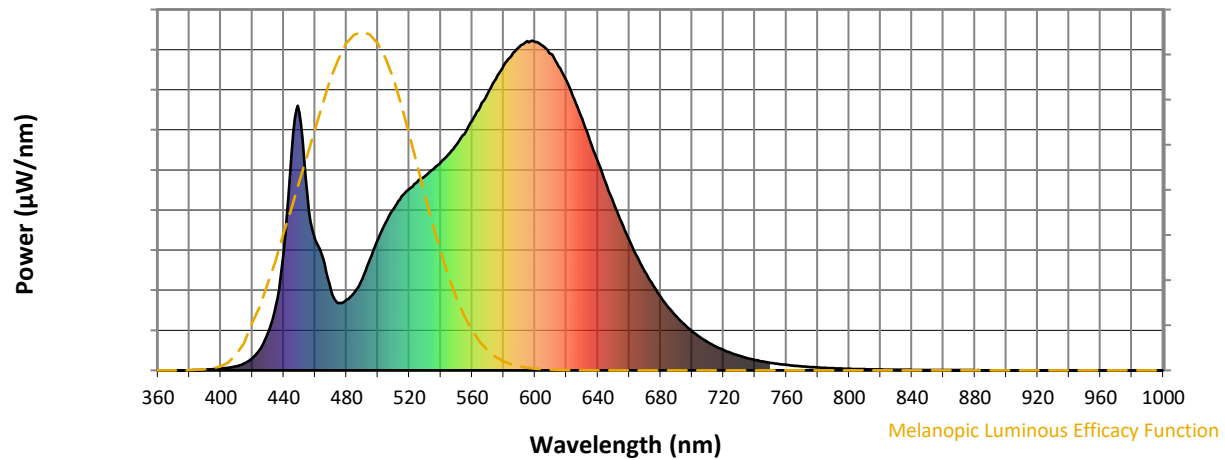
Scotopic Lumens: NR

S/P: 1.48

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	278	NR	620	878	NR	750	23	NR	880	1	NR
365	0	NR	495	338	NR	625	823	NR	755	20	NR	885	0	NR
370	0	NR	500	398	NR	630	763	NR	760	17	NR	890	0	NR
375	0	NR	505	448	NR	635	697	NR	765	14	NR	895	0	NR
380	0	NR	510	490	NR	640	633	NR	770	12	NR	900	0	NR
385	1	NR	515	527	NR	645	568	NR	775	10	NR	905	0	NR
390	2	NR	520	550	NR	650	508	NR	780	9	NR	910	0	NR
395	3	NR	525	571	NR	655	450	NR	785	7	NR	915	0	NR
400	5	NR	530	589	NR	660	395	NR	790	6	NR	920	0	NR
405	8	NR	535	610	NR	665	345	NR	795	5	NR	925	0	NR
410	13	NR	540	631	NR	670	299	NR	800	5	NR	930	0	NR
415	21	NR	545	656	NR	675	259	NR	805	4	NR	935	0	NR
420	37	NR	550	685	NR	680	223	NR	810	4	NR	940	0	NR
425	65	NR	555	717	NR	685	191	NR	815	3	NR	945	0	NR
430	114	NR	560	758	NR	690	164	NR	820	3	NR	950	0	NR
435	198	NR	565	799	NR	695	139	NR	825	2	NR	955	0	NR
440	359	NR	570	841	NR	700	118	NR	830	2	NR	960	0	NR
445	663	NR	575	883	NR	705	101	NR	835	2	NR	965	0	NR
450	782	NR	580	924	NR	710	86	NR	840	1	NR	970	0	NR
455	533	NR	585	954	NR	715	73	NR	845	1	NR	975	0	NR
460	398	NR	590	982	NR	720	62	NR	850	1	NR	980	0	NR
465	341	NR	595	999	NR	725	52	NR	855	1	NR	985	0	NR
470	244	NR	600	996	NR	730	44	NR	860	1	NR	990	0	NR
475	204	NR	605	984	NR	735	37	NR	865	1	NR	995	0	NR
480	214	NR	610	960	NR	740	32	NR	870	1	NR	1000	0	NR
485	236	NR	615	923	NR	745	27	NR	875	1	NR			

REPORT NUMBER: SP1-2511-595-3

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.92

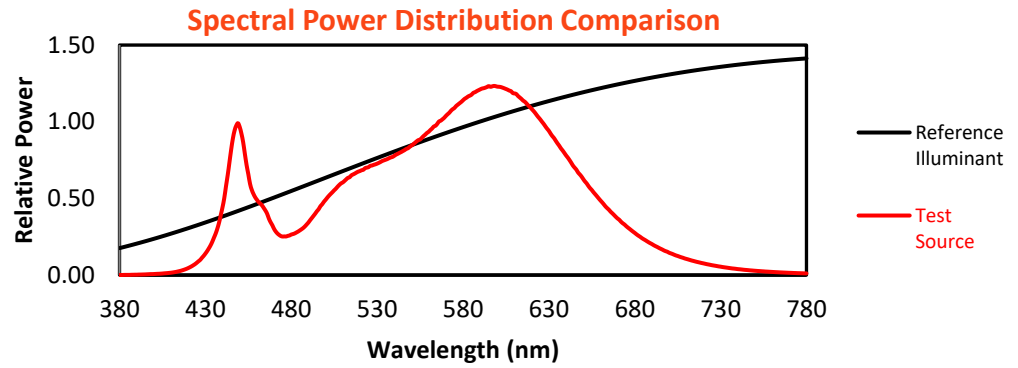
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	278	NR	620	878	NR	750	23	NR	880	1	NR
365	0	NR	495	338	NR	625	823	NR	755	20	NR	885	0	NR
370	0	NR	500	398	NR	630	763	NR	760	17	NR	890	0	NR
375	0	NR	505	448	NR	635	697	NR	765	14	NR	895	0	NR
380	0	NR	510	490	NR	640	633	NR	770	12	NR	900	0	NR
385	1	NR	515	527	NR	645	568	NR	775	10	NR	905	0	NR
390	2	NR	520	550	NR	650	508	NR	780	9	NR	910	0	NR
395	3	NR	525	571	NR	655	450	NR	785	7	NR	915	0	NR
400	5	NR	530	589	NR	660	395	NR	790	6	NR	920	0	NR
405	8	NR	535	610	NR	665	345	NR	795	5	NR	925	0	NR
410	13	NR	540	631	NR	670	299	NR	800	5	NR	930	0	NR
415	21	NR	545	656	NR	675	259	NR	805	4	NR	935	0	NR
420	37	NR	550	685	NR	680	223	NR	810	4	NR	940	0	NR
425	65	NR	555	717	NR	685	191	NR	815	3	NR	945	0	NR
430	114	NR	560	758	NR	690	164	NR	820	3	NR	950	0	NR
435	198	NR	565	799	NR	695	139	NR	825	2	NR	955	0	NR
440	359	NR	570	841	NR	700	118	NR	830	2	NR	960	0	NR
445	663	NR	575	883	NR	705	101	NR	835	2	NR	965	0	NR
450	782	NR	580	924	NR	710	86	NR	840	1	NR	970	0	NR
455	533	NR	585	954	NR	715	73	NR	845	1	NR	975	0	NR
460	398	NR	590	982	NR	720	62	NR	850	1	NR	980	0	NR
465	341	NR	595	999	NR	725	52	NR	855	1	NR	985	0	NR
470	244	NR	600	996	NR	730	44	NR	860	1	NR	990	0	NR
475	204	NR	605	984	NR	735	37	NR	865	1	NR	995	0	NR
480	214	NR	610	960	NR	740	32	NR	870	1	NR	1000	0	NR
485	236	NR	615	923	NR	745	27	NR	875	1	NR			

REPORT NUMBER: SP1-2511-595-3

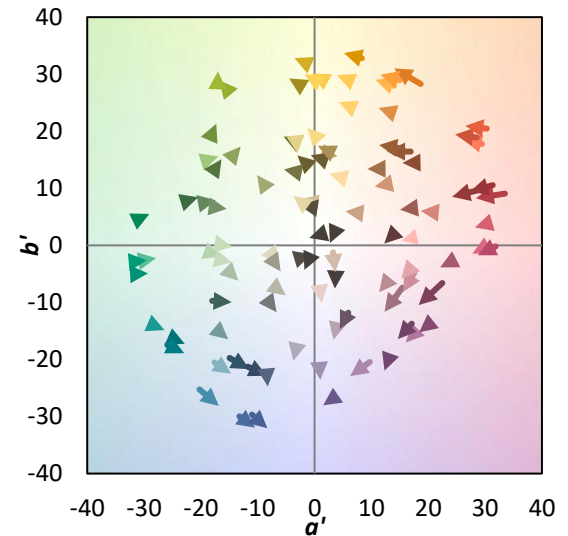
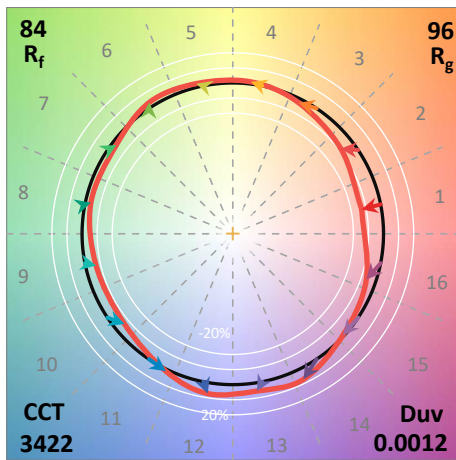
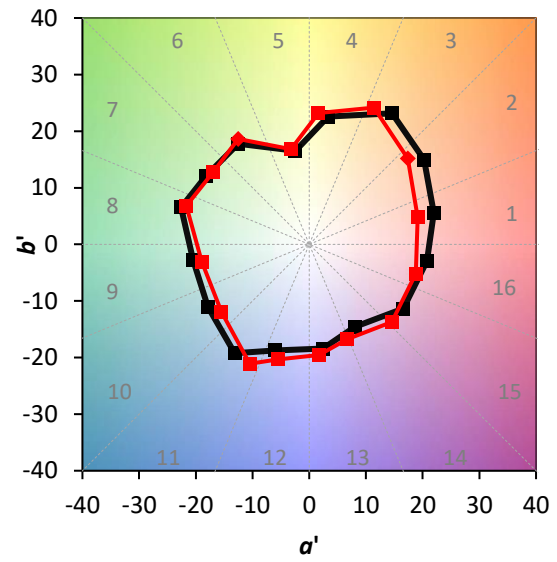
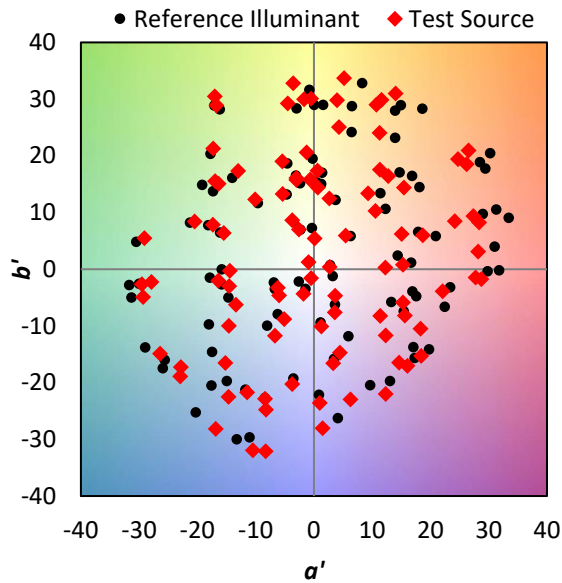
TM-30-18

Summary

$R_f = 83.9$
 $R_g = 95.8$
 $CIE R_a = 81.5$
 $R_g = -1.4$

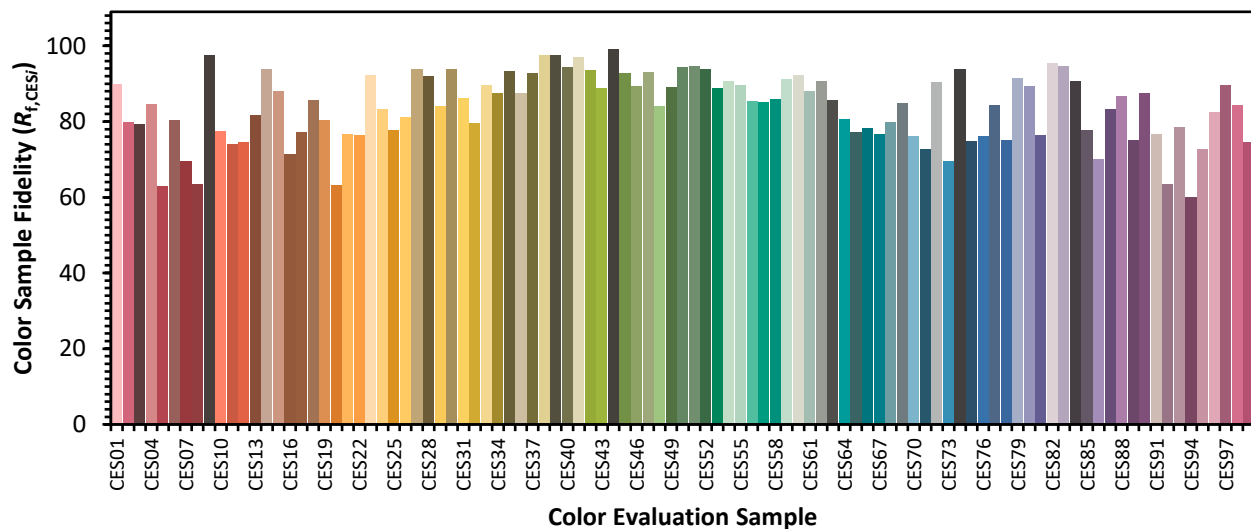


Color Vector Graphics

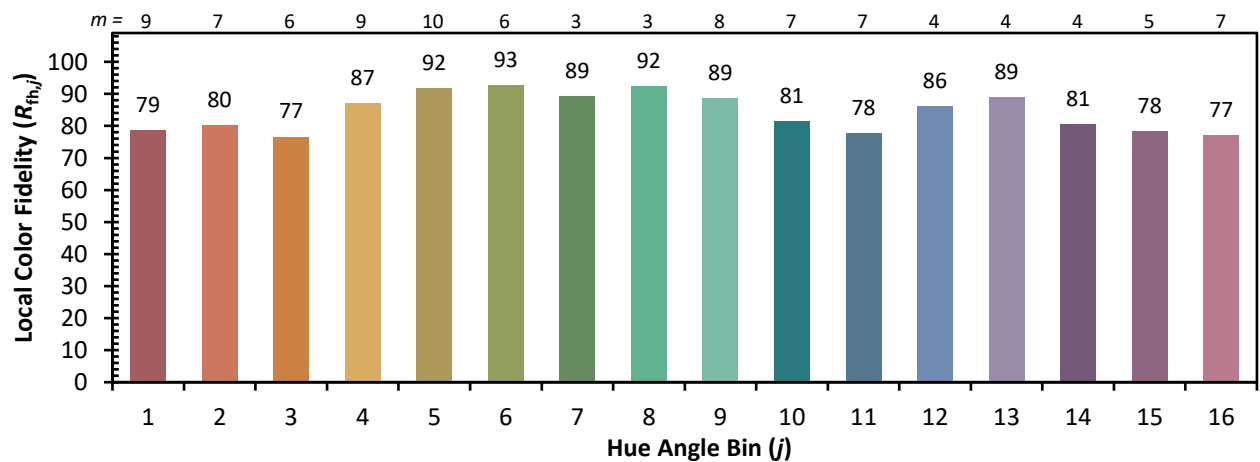
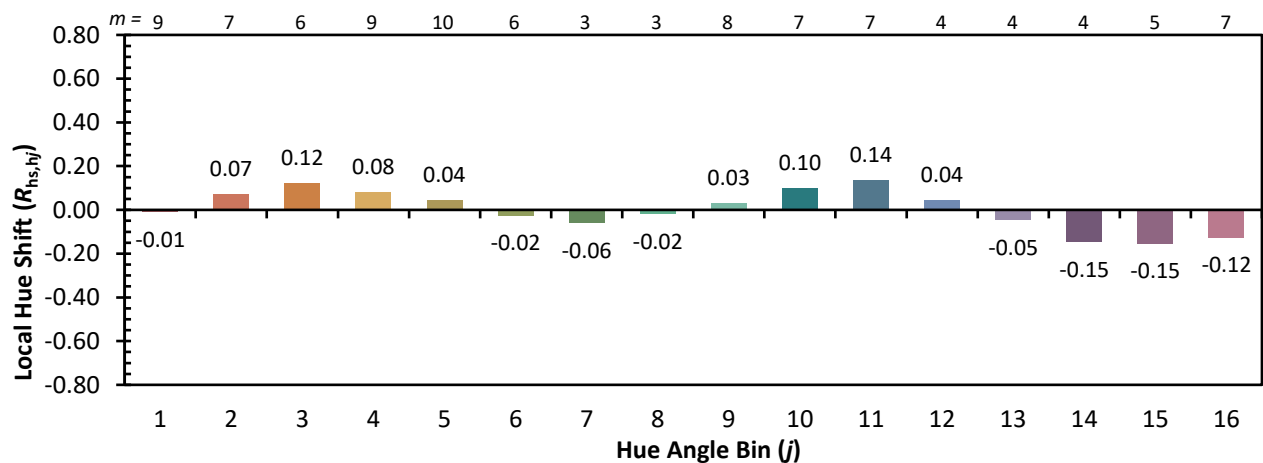
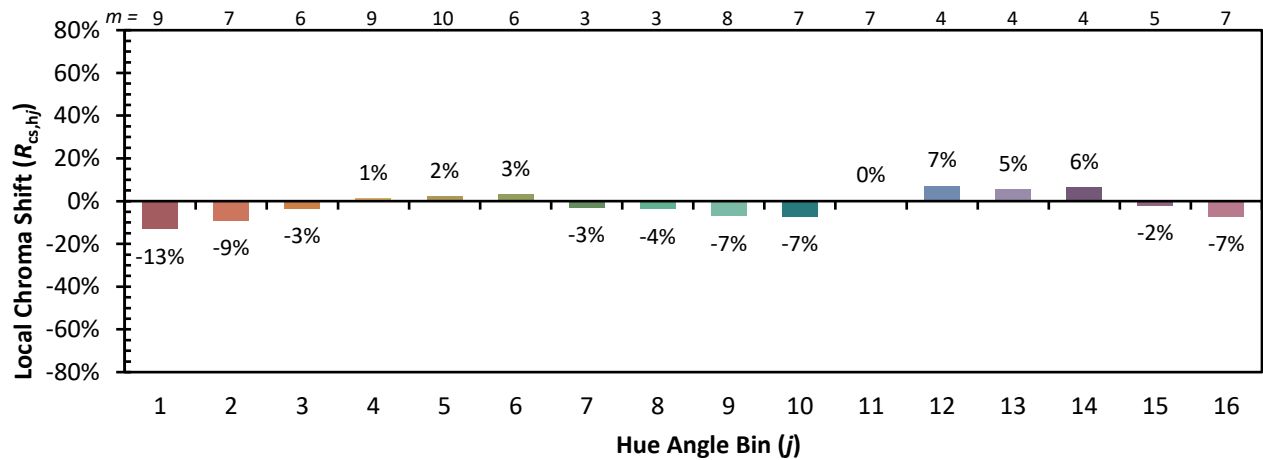


Individual Sample Fidelity Index ($R_{f,i}$)

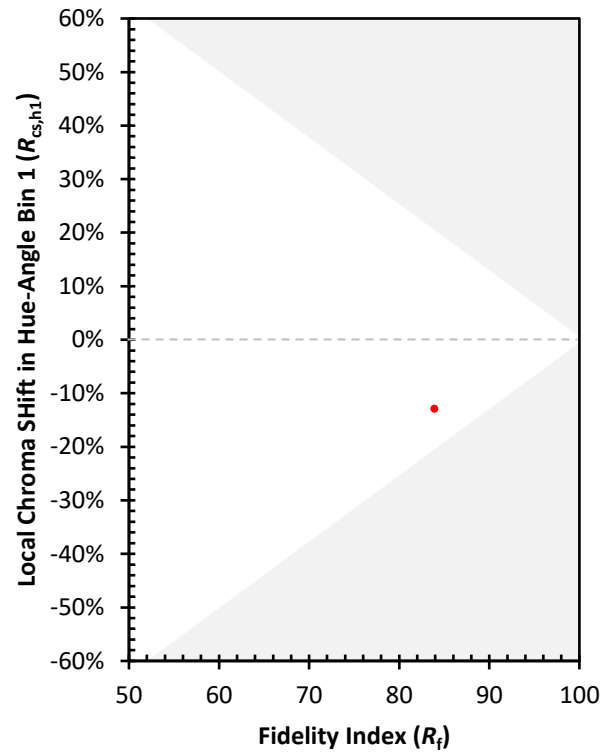
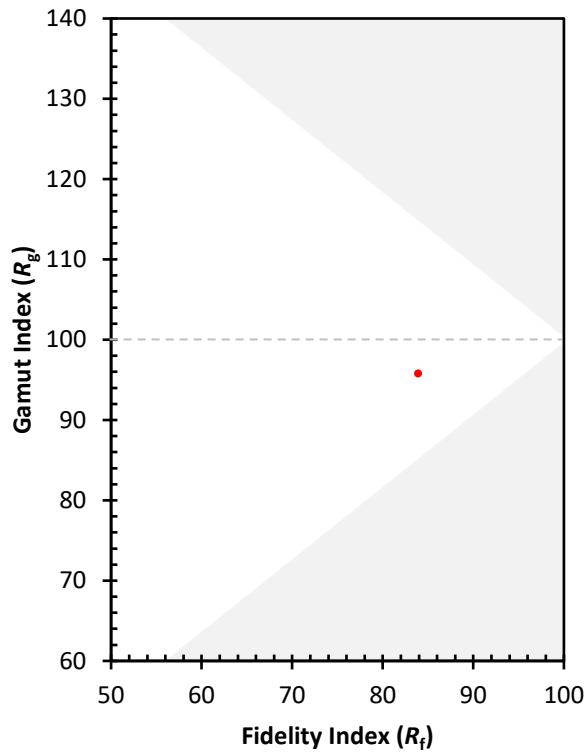
CES01 = 86	CES26 = 81	CES51 = 95	CES76 = 76
CES02 = 62	CES27 = 94	CES52 = 94	CES77 = 84
CES03 = 31	CES28 = 92	CES53 = 89	CES78 = 75
CES04 = 70	CES29 = 84	CES54 = 91	CES79 = 91
CES05 = 49	CES30 = 94	CES55 = 90	CES80 = 89
CES06 = 51	CES31 = 86	CES56 = 85	CES81 = 76
CES07 = 41	CES32 = 80	CES57 = 85	CES82 = 95
CES08 = 40	CES33 = 90	CES58 = 86	CES83 = 95
CES09 = 29	CES34 = 87	CES59 = 91	CES84 = 91
CES10 = 75	CES35 = 93	CES60 = 92	CES85 = 78
CES11 = 58	CES36 = 87	CES61 = 88	CES86 = 70
CES12 = 64	CES37 = 93	CES62 = 91	CES87 = 83
CES13 = 43	CES38 = 98	CES63 = 86	CES88 = 87
CES14 = 74	CES39 = 98	CES64 = 81	CES89 = 75
CES15 = 71	CES40 = 94	CES65 = 77	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 78	CES91 = 77
CES17 = 50	CES42 = 94	CES67 = 77	CES92 = 63
CES18 = 56	CES43 = 89	CES68 = 80	CES93 = 78
CES19 = 72	CES44 = 99	CES69 = 85	CES94 = 60
CES20 = 66	CES45 = 93	CES70 = 76	CES95 = 73
CES21 = 86	CES46 = 89	CES71 = 73	CES96 = 83
CES22 = 78	CES47 = 93	CES72 = 90	CES97 = 90
CES23 = 92	CES48 = 84	CES73 = 70	CES98 = 84
CES24 = 91	CES49 = 89	CES74 = 94	CES99 = 74
CES25 = 72	CES50 = 94	CES75 = 75	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)