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: P1211981

Luminaire Tested: **GKO-PB2A-835-U-T2U**

Issue Date: 11/5/2025

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:	P1211981
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	11/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2A-835-U-T2U
Description:	GEKKO WALL PACK 4000LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(20) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3759.1 lumens
Efficiency:	N/A
Efficacy:	141.9 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

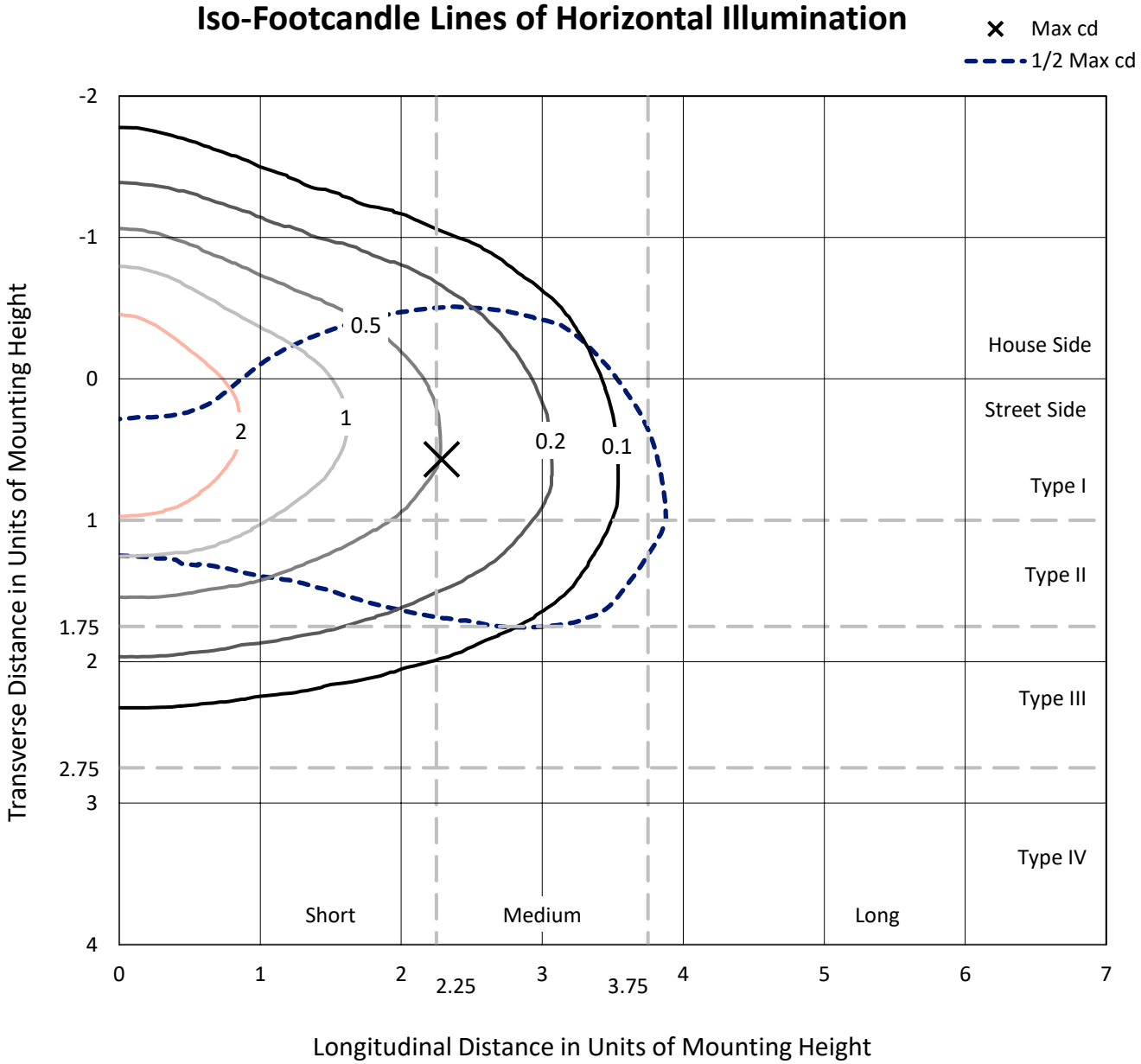
Input Watts (W):	26.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1211981
CATALOG NUMBER: GKO-PB2A-835-U-T2U

Iso-Footcandle Lines of Horizontal Illumination



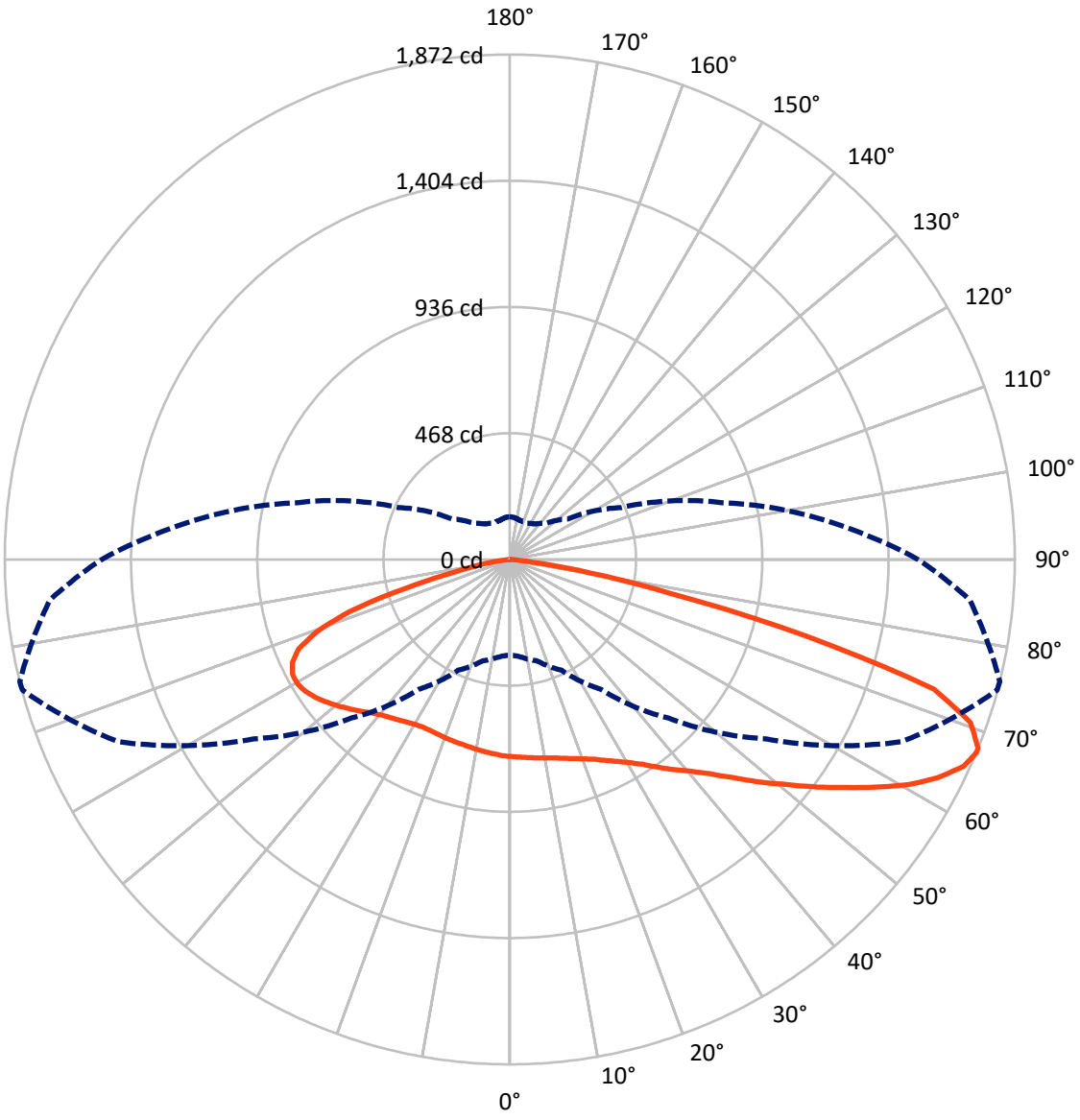
Based on 15 foot mounting height. Maximum calculated value = 3.7 fc
Type II - Medium - N/A

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1211981
CATALOG NUMBER: GKO-PB2A-835-U-T2U

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

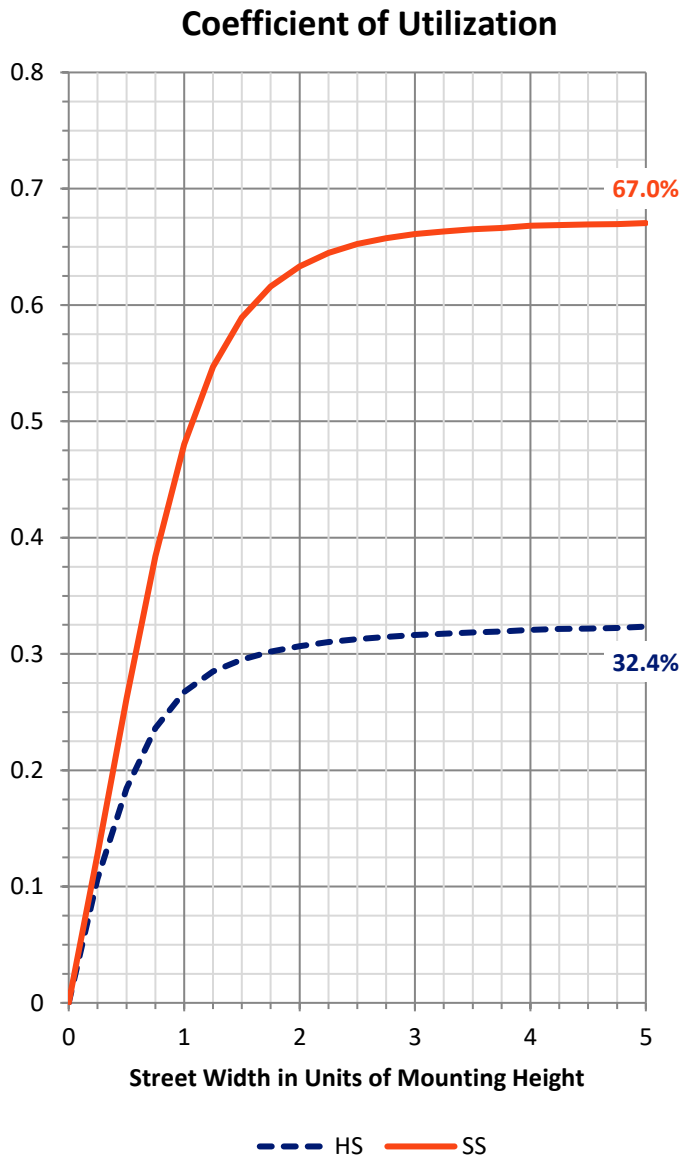
REPORT NUMBER: P1211981
CATALOG NUMBER: GKO-PB2A-835-U-T2U

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1240.2	0.0	1240.2
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	2518.9	0.0	2518.9
	% Fixture	67.0	0.0	67.0
Total	Lumens	3759.1	0.0	3759.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.2	1.9
10°-20°	214.9	5.7
20°-30°	369.7	9.8
30°-40°	531.2	14.1
40°-50°	673.7	17.9
50°-60°	739.8	19.7
60°-70°	717.5	19.1
70°-80°	396.1	10.5
80°-90°	45.9	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°	3759.1	100.0
0°-180°	3759.1	100.0



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

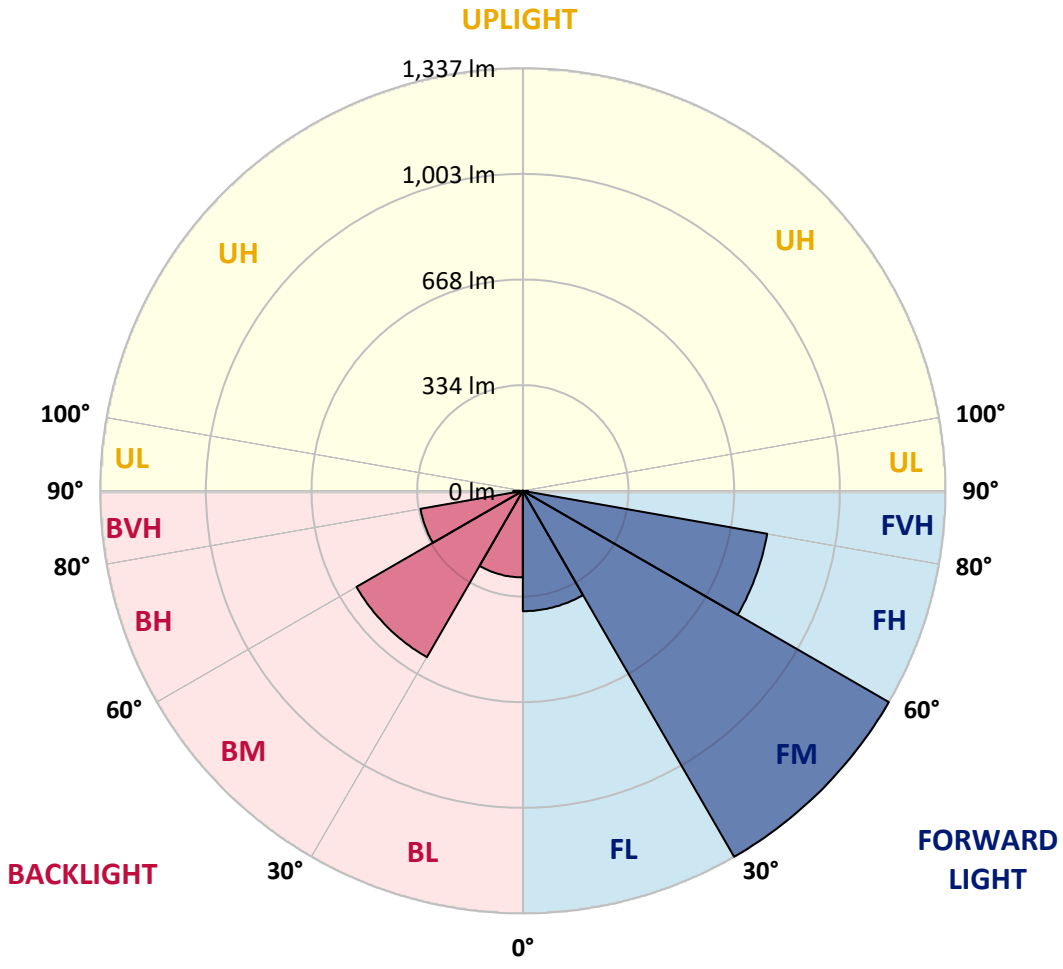
Scaled Data Report

REPORT NUMBER: P1211981
CATALOG NUMBER: GKO-PB2A-835-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	380.8	10.1			
FM	(30°-60°)	1337.0	35.6			
FH	(60°-80°)	784.9	20.9			G1/1800
FVH	(80°-90°)	16.2	0.4			G1/100
BL	(0°-30°)	274.0	7.3	B1/500		
BM	(30°-60°)	607.7	16.2	B1/1000		
BH	(60°-80°)	328.7	8.7	B1/500		G1/500
BVH	(80°-90°)	29.7	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



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1211981
CATALOG NUMBER: GKO-PB2A-835-U-T2U

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	*730.7*	730.7
2.5°	752.5	751.8	751.1	751.1	748.2	745.3	742.4	740.2	734.4	*733.6*	730.7
5°	775.1	775.1	772.9	772.2	767.8	760.5	754.0	747.4	739.4	*738.0*	731.4
7.5°	804.2	804.2	800.5	797.6	791.1	779.4	767.8	756.2	744.5	*743.1*	732.9
10°	841.2	841.2	838.3	831.8	818.0	802.7	783.8	765.6	750.4	*748.9*	734.4
12.5°	879.8	880.5	876.1	866.7	850.0	826.7	803.4	777.3	757.6	*755.4*	737.3
15°	919.0	919.8	916.9	906.7	884.1	855.8	824.5	793.2	767.1	*764.9*	741.6
17.5°	957.6	959.0	956.1	944.5	918.3	887.8	849.2	810.0	778.7	*775.8*	748.9
20°	993.9	993.9	993.9	980.8	955.4	920.5	876.1	830.3	791.8	*788.9*	757.6
22.5°	1026.6	1028.1	1030.3	1023.0	993.9	955.4	907.4	852.9	808.5	*804.9*	768.5
25°	1059.4	1060.1	1065.9	1060.8	1032.5	992.5	940.8	881.2	828.9	*825.2*	781.6
27.5°	1097.2	1099.4	1103.0	1100.8	1068.8	1029.6	977.9	912.5	851.4	*847.8*	797.6
30°	1141.5	1141.5	1143.7	1140.1	1108.1	1068.8	1015.0	945.2	879.8	*874.0*	817.2
32.5°	1177.9	1181.5	1180.1	1178.6	1145.2	1105.9	1052.8	981.6	912.5	*905.2*	844.1
35°	1212.0	1212.8	1212.0	1213.5	1180.1	1143.0	1092.8	1023.7	948.8	*945.9*	878.3
37.5°	1231.7	1233.1	1236.8	1241.1	1211.3	1176.4	1132.8	1070.3	993.9	*988.8*	919.0
40°	1241.1	1243.3	1262.9	1269.5	1237.5	1208.4	1175.0	1112.4	1037.5	*1031.7*	959.8
42.5°	1255.7	1273.1	1283.3	1284.8	1257.1	1231.7	1211.3	1160.4	1091.4	*1086.3*	1014.3
45°	1207.7	1201.1	1228.0	1259.3	1257.9	1246.9	1246.2	1214.2	1157.5	*1152.4*	1076.1
47.5°	1147.3	1142.2	1156.8	1202.6	1235.3	1253.5	1280.4	1277.5	1237.5	*1230.2*	1148.1
50°	1003.4	1012.1	1083.4	1145.9	1202.6	1255.7	1309.5	1343.7	1315.3	*1309.5*	1224.4
52.5°	868.9	874.7	923.4	1072.4	1160.4	1249.1	1334.9	1413.5	1406.2	*1399.6*	1308.0
55°	774.3	780.2	858.0	953.2	1097.9	1215.7	1351.7	1479.6	1498.5	*1492.0*	1396.7
57.5°	675.5	684.9	738.0	821.6	1014.3	1160.4	1357.5	1546.5	1598.9	*1593.0*	1481.8
60°	580.2	593.3	624.6	715.5	911.0	1095.0	1342.2	1600.3	1695.6	*1695.6*	1569.8
62.5°	492.2	499.5	532.2	614.4	780.2	1011.4	1303.7	1634.5	1784.3	*1780.6*	1646.8
65°	419.5	423.2	449.3	519.9	670.4	919.0	1236.8	1632.3	1847.5	*1848.2*	1697.7
67°	*354.1*	*359.9*	*389.0*	*453.0*	*586.8*	*831.8*	*1159.7*	*1599.6*	*1870.1*	*1871.5*	*1710.1*
67.5°	331.6	338.1	370.1	436.3	569.3	807.8	1141.5	1585.8	1868.6	*1871.5*	1706.5
70°	228.3	229.8	283.6	359.2	468.2	680.6	1015.7	1489.8	1813.3	*1811.2*	1627.2
72.5°	145.4	143.2	194.9	262.5	376.6	551.1	857.2	1321.8	1645.4	*1643.2*	1434.5
75°	96.7	98.9	131.6	187.6	264.7	426.1	668.2	997.6	1143.0	*1134.3*	946.7
77.5°	69.1	67.6	81.4	135.2	177.4	258.8	362.8	530.8	607.1	*607.1*	519.9
80°	37.8	38.5	44.4	74.9	100.3	101.1	136.0	266.1	296.7	*303.2*	252.3
82.5°	10.9	11.6	16.0	25.4	27.6	30.5	47.3	76.3	80.0	*84.3*	68.3
85°	0.0	0.0	0.0	0.7	2.9	3.6	3.6	4.4	7.3	*7.3*	8.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5	2.9	*2.9*	3.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1211981
CATALOG NUMBER: GKO-PB2A-835-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7	730.7
2.5°	730.0	730.7	727.8	724.2	721.3	719.8	715.5	711.8	714.0	716.2	716.2
5°	729.3	728.5	722.7	716.2	711.8	708.9	701.6	696.5	697.3	699.5	698.7
7.5°	729.3	726.4	718.4	708.9	701.6	695.8	686.4	680.6	679.8	681.3	679.8
10°	730.0	724.9	714.0	700.9	690.7	682.0	670.4	663.8	661.6	662.4	660.9
12.5°	731.4	723.4	709.6	692.9	679.8	668.2	655.1	647.1	645.7	647.1	647.1
15°	733.6	723.4	706.0	685.6	668.2	655.1	642.0	634.7	634.7	635.5	635.5
17.5°	738.0	725.6	703.1	677.6	656.6	642.0	630.4	625.3	626.0	628.2	628.2
20°	742.4	728.5	700.2	669.6	646.4	629.7	620.2	616.6	619.5	622.4	622.4
22.5°	748.9	732.2	697.3	662.4	634.7	618.0	610.0	607.1	610.0	613.7	612.2
25°	759.1	738.7	695.1	655.8	623.8	605.7	597.7	594.8	596.2	599.1	599.1
27.5°	770.7	746.7	694.4	647.8	610.8	591.1	581.7	577.3	577.3	578.0	578.8
30°	790.3	760.5	697.3	642.0	599.1	575.9	563.5	556.9	556.2	559.1	559.1
32.5°	813.6	779.4	704.5	636.9	587.5	557.7	541.0	535.9	534.4	536.6	534.4
35°	839.8	800.5	714.0	636.2	575.9	538.0	519.1	513.3	509.0	507.5	506.1
37.5°	876.9	829.6	723.4	632.6	564.2	517.0	496.6	484.2	479.1	477.7	477.7
40°	913.2	858.0	735.1	626.7	550.4	495.9	466.8	453.0	450.8	450.8	450.8
42.5°	959.0	895.0	751.1	623.1	533.7	474.8	434.8	418.8	418.8	418.8	418.1
45°	1015.7	943.8	771.4	621.7	517.7	449.3	400.6	379.5	378.8	378.1	377.4
47.5°	1081.9	994.7	791.1	618.0	498.8	418.8	361.4	338.1	333.0	331.6	329.4
50°	1150.2	1049.9	812.2	612.9	476.2	383.2	324.3	297.4	286.5	282.8	284.3
52.5°	1223.0	1103.7	832.5	605.7	449.3	347.5	286.5	258.1	247.2	242.8	242.1
55°	1294.2	1158.2	851.4	596.2	420.3	311.2	254.5	226.9	217.4	215.9	215.9
57.5°	1366.2	1210.6	866.0	582.4	388.3	279.2	226.9	204.3	197.8	200.7	200.7
60°	1431.6	1256.4	873.2	563.5	356.3	250.1	205.0	188.3	185.4	192.7	192.0
62.5°	1490.5	1286.9	869.6	535.9	325.0	225.4	188.3	176.0	176.7	185.4	186.1
65°	1518.9	1292.0	848.5	498.1	290.1	204.3	170.9	159.2	160.7	170.1	172.3
67°	*1512.3*	*1272.4*	*813.6*	*455.2*	*261.8*	*188.3*	*160.0*	*148.3*	*149.1*	*157.1*	*157.8*
67.5°	1505.1	1262.9	804.2	442.1	254.5	185.4	157.1	146.1	147.6	154.9	154.9
70°	1408.4	1167.0	716.9	375.2	220.3	165.0	143.2	136.0	137.4	141.8	141.8
72.5°	1231.0	1010.6	580.2	301.0	186.9	146.1	129.4	125.1	125.1	125.1	121.4
75°	785.3	633.3	379.5	230.5	154.1	125.1	116.3	111.2	108.3	112.7	111.2
77.5°	434.1	330.8	197.8	132.3	111.2	104.0	101.1	98.9	98.2	108.3	105.4
80°	205.8	163.6	111.2	75.6	64.0	77.1	87.3	85.8	102.5	140.3	141.1
82.5°	65.4	53.8	45.1	41.4	42.9	55.3	67.6	77.8	133.1	150.5	148.3
85°	8.0	7.3	5.1	16.7	28.4	40.7	52.4	101.1	122.2	101.8	96.0
87.5°	2.9	2.9	2.9	11.6	21.8	31.3	47.3	101.8	74.9	68.3	62.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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: 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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

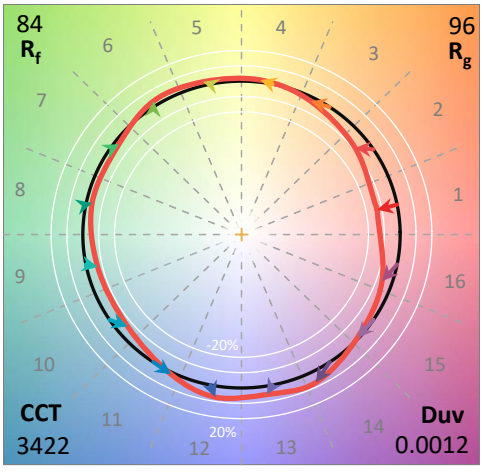
Test Information

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
Rf:	83.9
Rg:	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

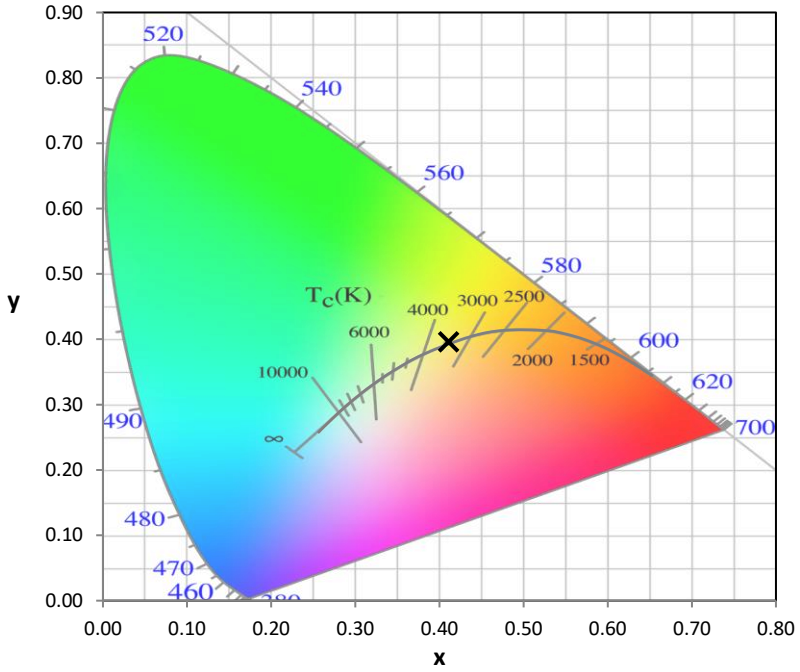
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2511-595-3

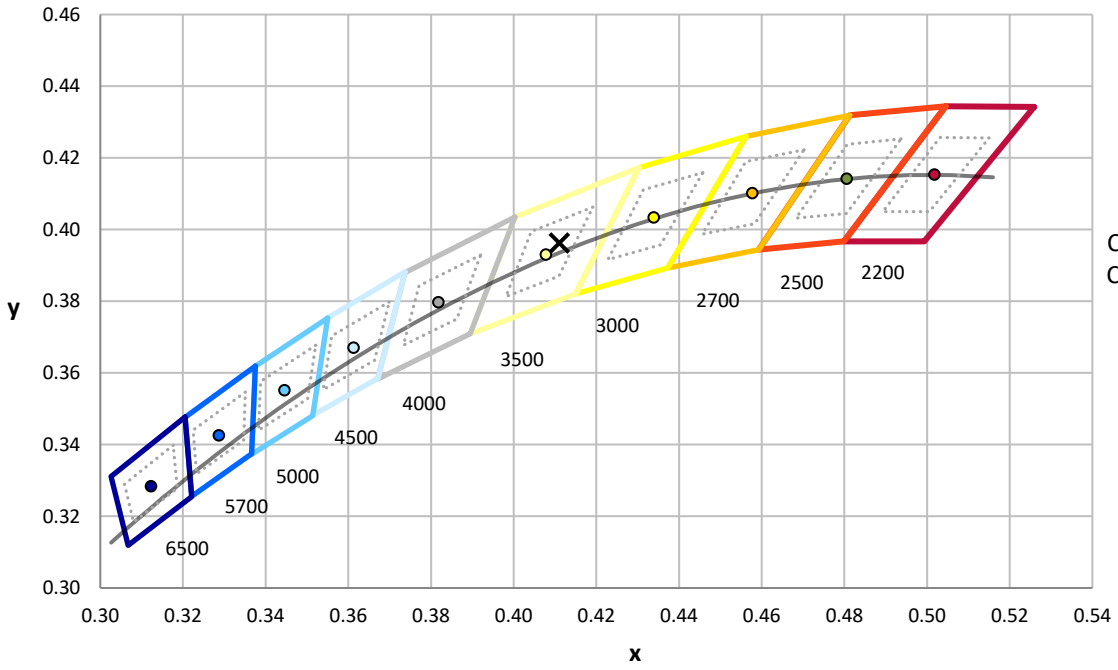
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208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

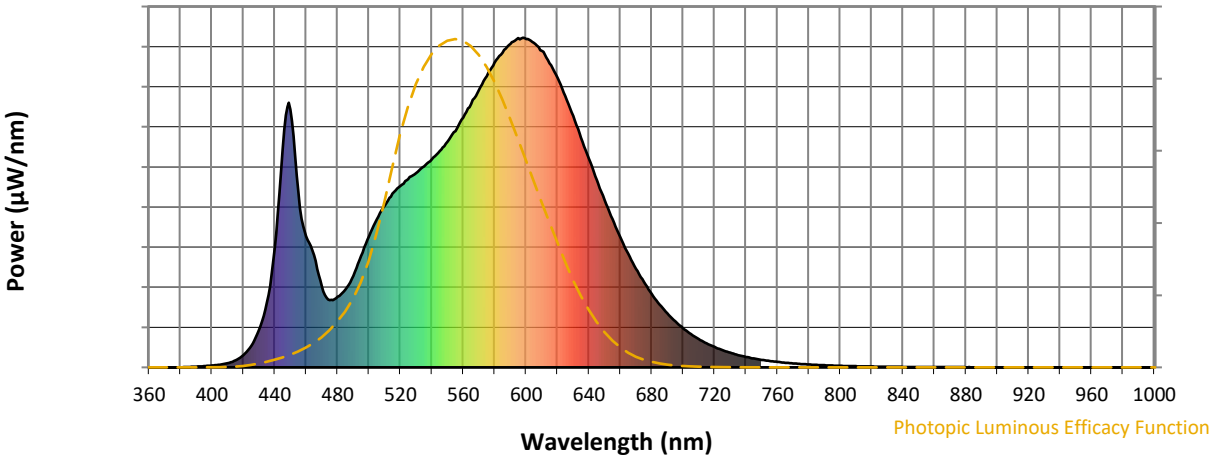


CCT = 3422K
CIE x = 0.4111
CIE y = 0.3962
Duv = 0.0012

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2511-595-3

Photopic Flux vs. Wavelength

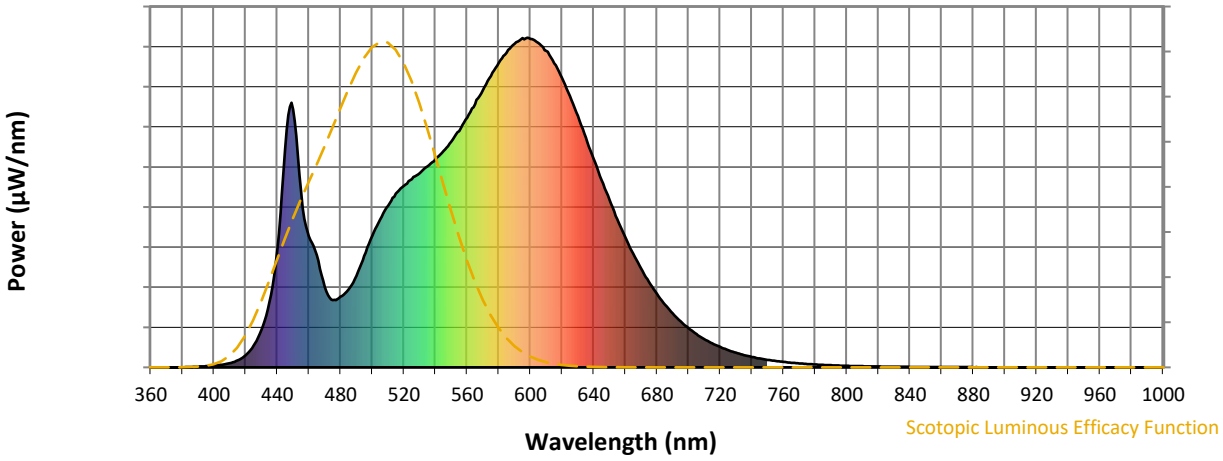


Photopic Lumens: NR

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

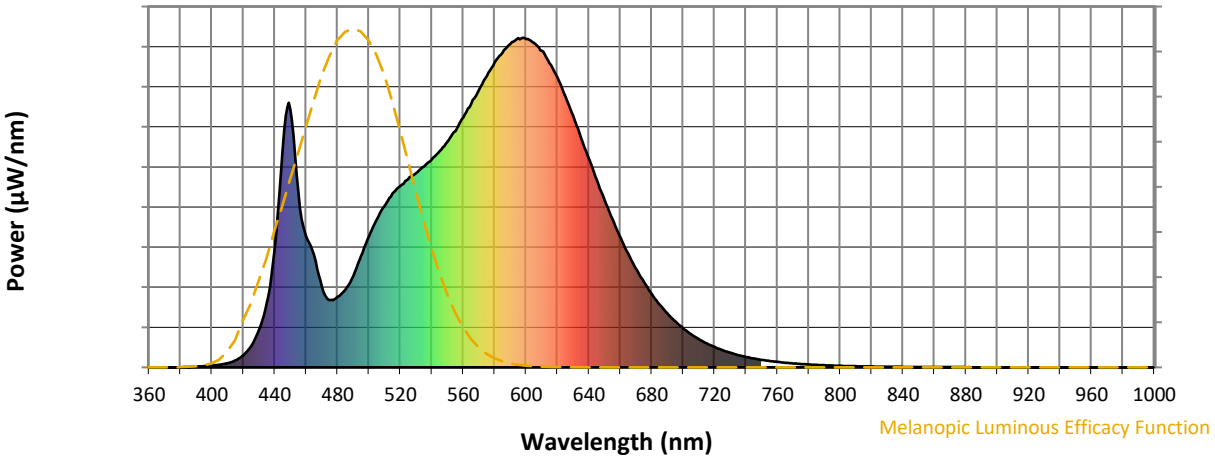


Scotopic Lumens: NR **S/P: 1.48**

λ (nm)	Power 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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.92**

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			

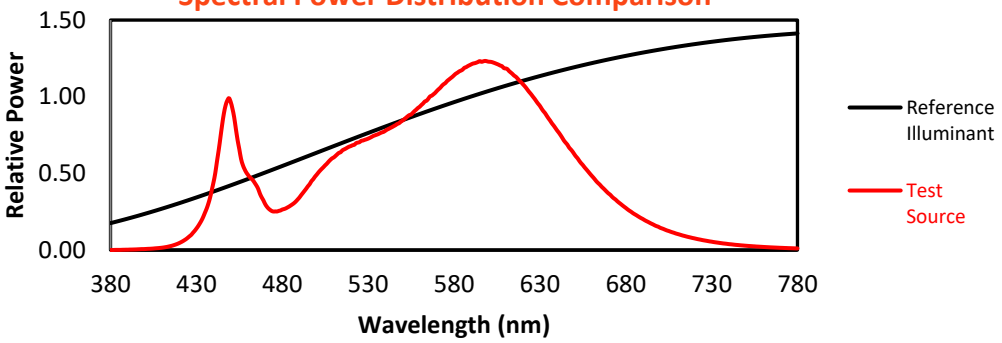
REPORT NUMBER: SP1-2511-595-3

TM-30-18

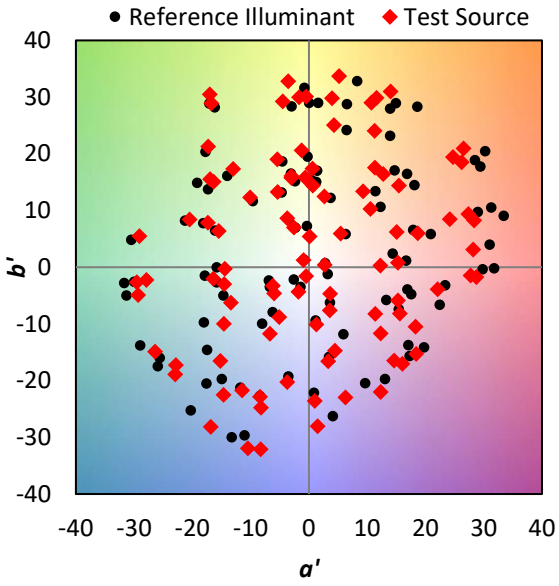
Summary

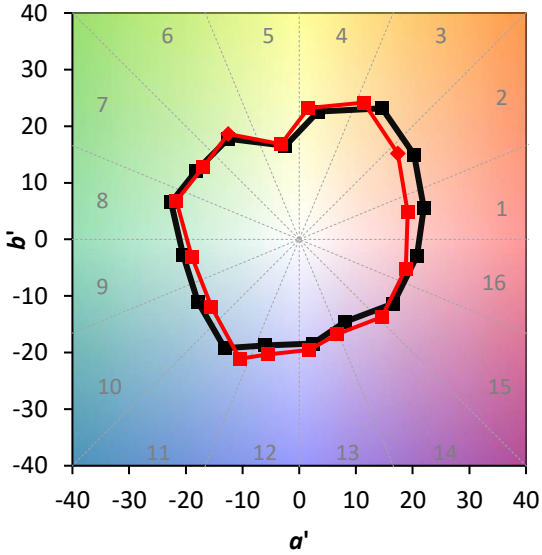
R_f = 83.9
R_g = 95.8
CIE R_a = 81.5
R_9 = -1.4

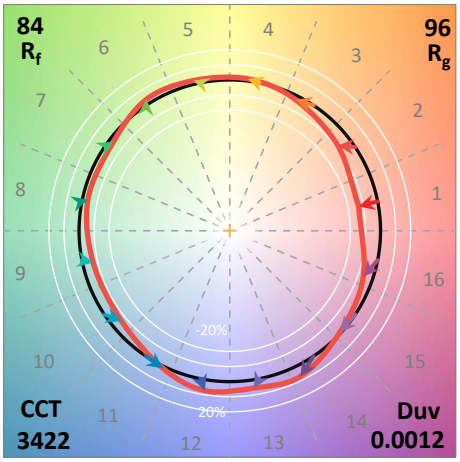
Spectral Power Distribution Comparison

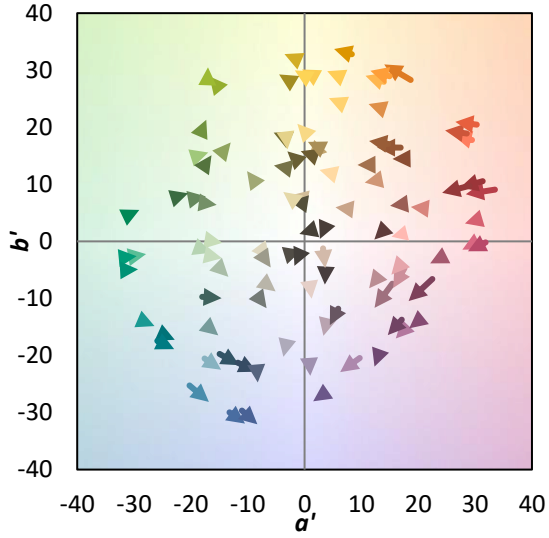


Color Vector Graphics







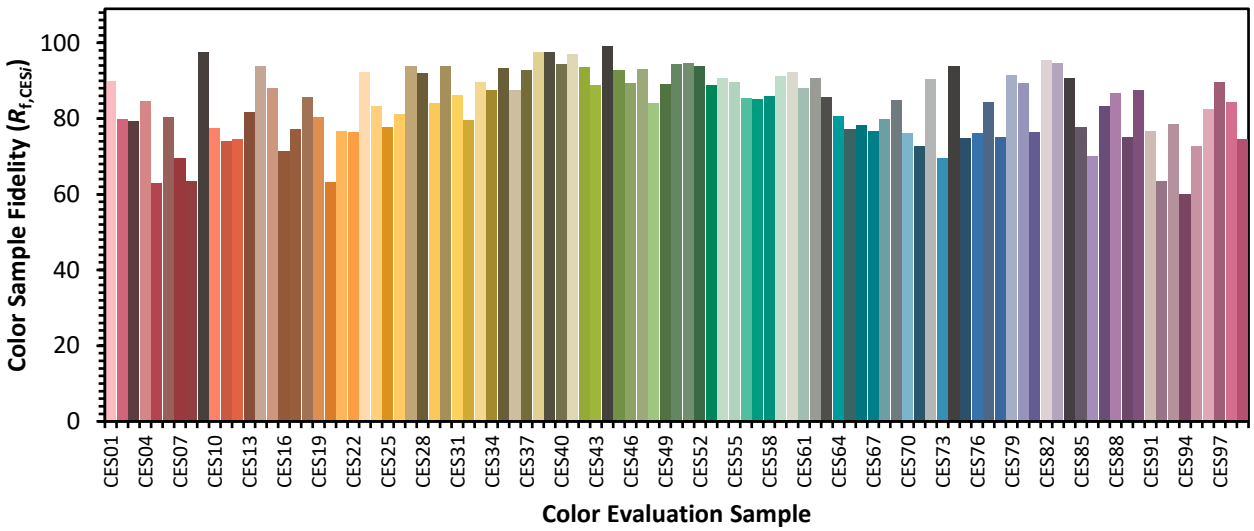


REPORT NUMBER: SP1-2511-595-3

TM-30-18

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

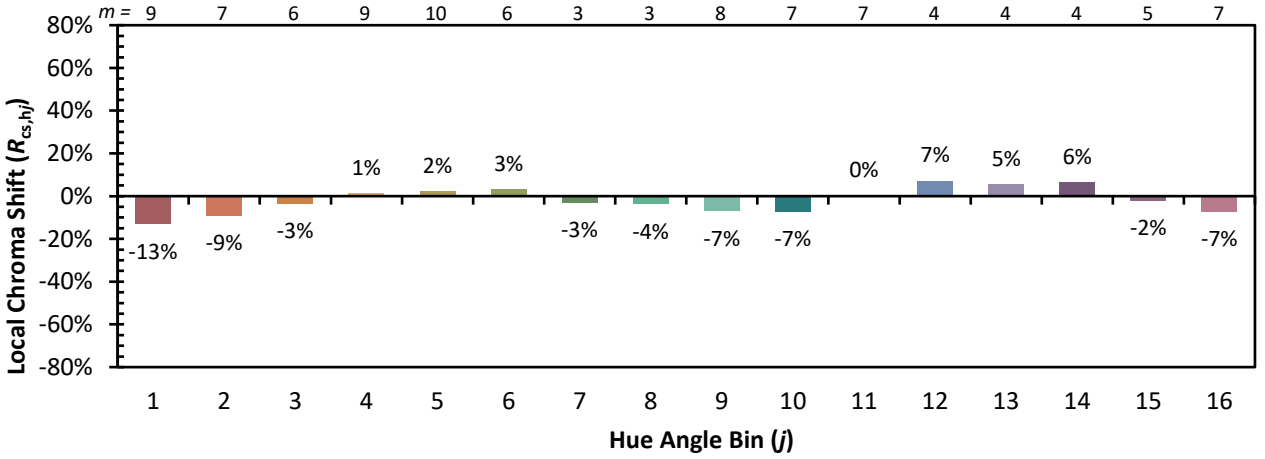
CES01 = 86	CES26 = 81	CES51 = 95	CES76 = 76
CES02 = 62	CES27 = 94	CES52 = 94	CES77 = 84
CES03 = 31	CES28 = 92	CES53 = 89	CES78 = 75
CES04 = 70	CES29 = 84	CES54 = 91	CES79 = 91
CES05 = 49	CES30 = 94	CES55 = 90	CES80 = 89
CES06 = 51	CES31 = 86	CES56 = 85	CES81 = 76
CES07 = 41	CES32 = 80	CES57 = 85	CES82 = 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	

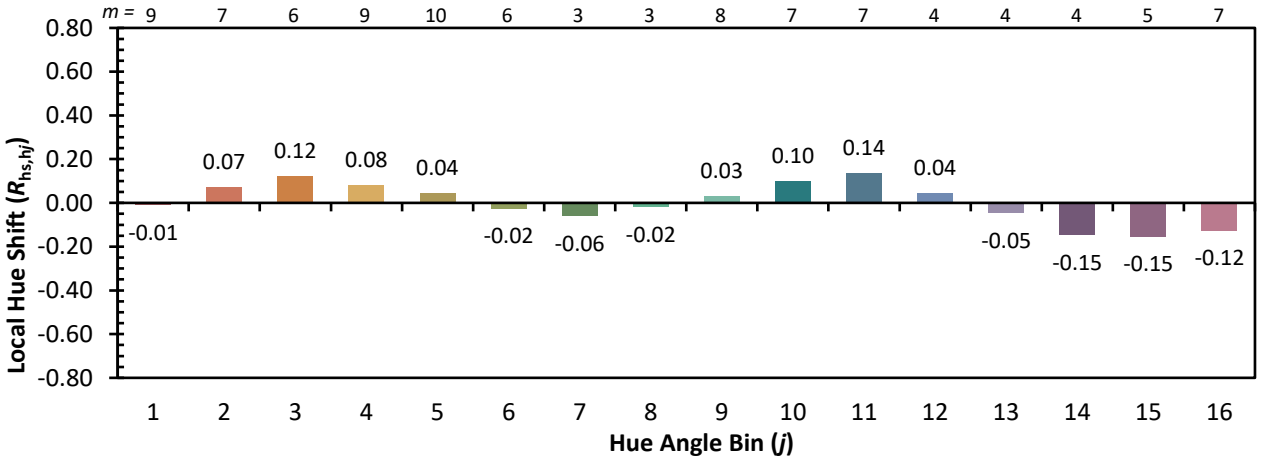


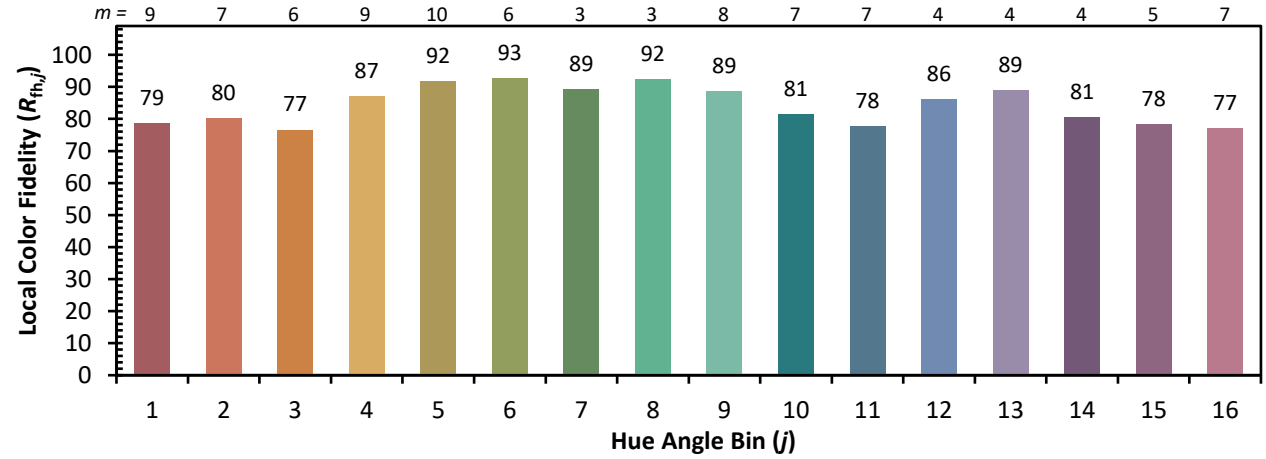
REPORT NUMBER: SP1-2511-595-3

TM-30-18

Color Rendition by Hue-Angle Bin



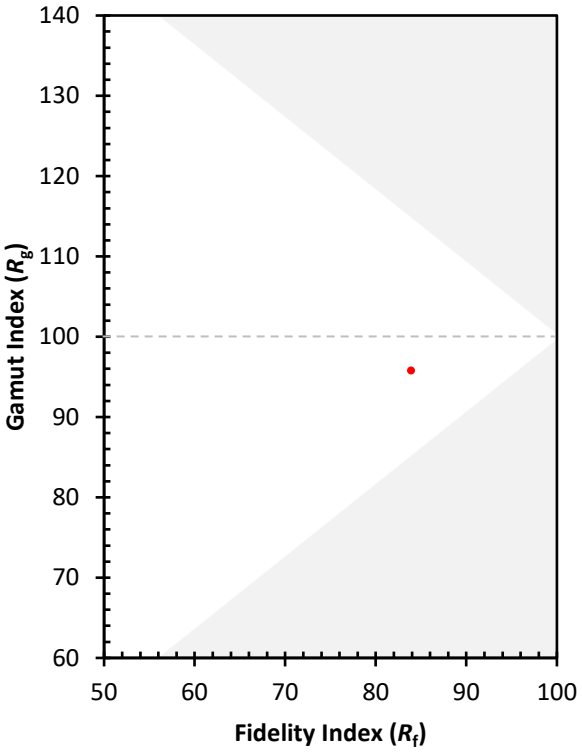


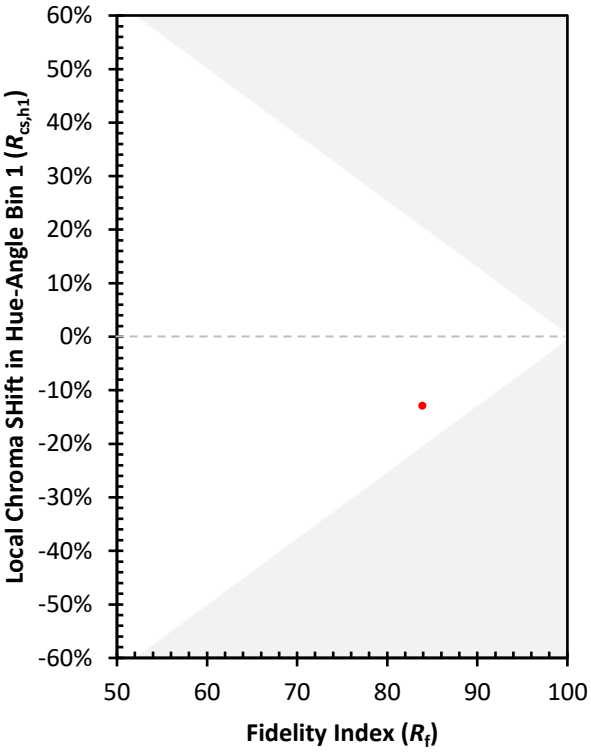


REPORT NUMBER: SP1-2511-595-3

TM-30-18

Measure Comparisons





(END OF REPORT)