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: P1211899

Luminaire Tested: **GKO-PB2C-827-U-T2R**

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:	P1211899
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	11/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2C-827-U-T2R
Description:	GEKKO WALL PACK 8000LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(20) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7125.6 lumens
Efficiency:	N/A
Efficacy:	122.4 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

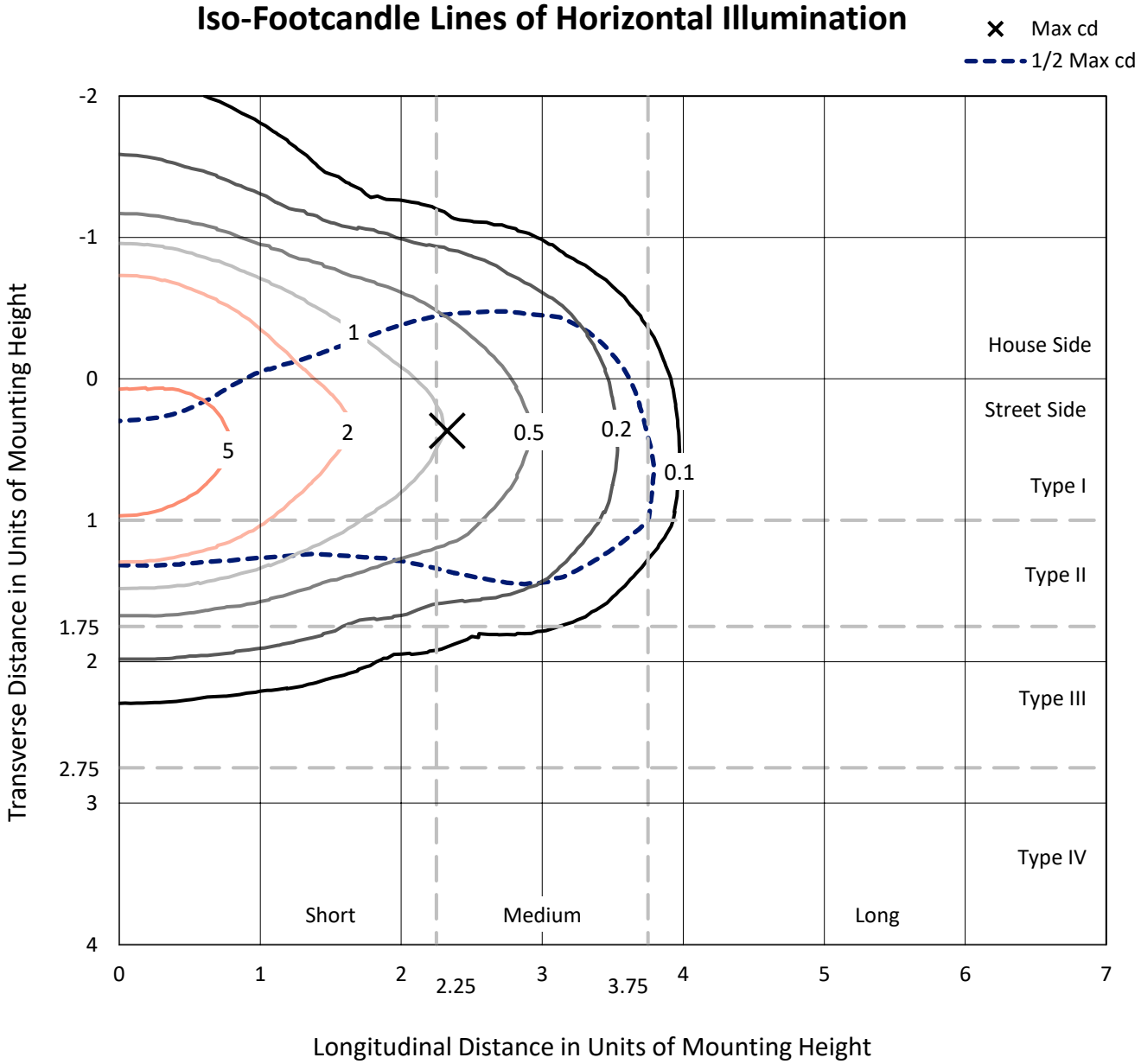
Input Watts (W):	58.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1211899
CATALOG NUMBER: GKO-PB2C-827-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



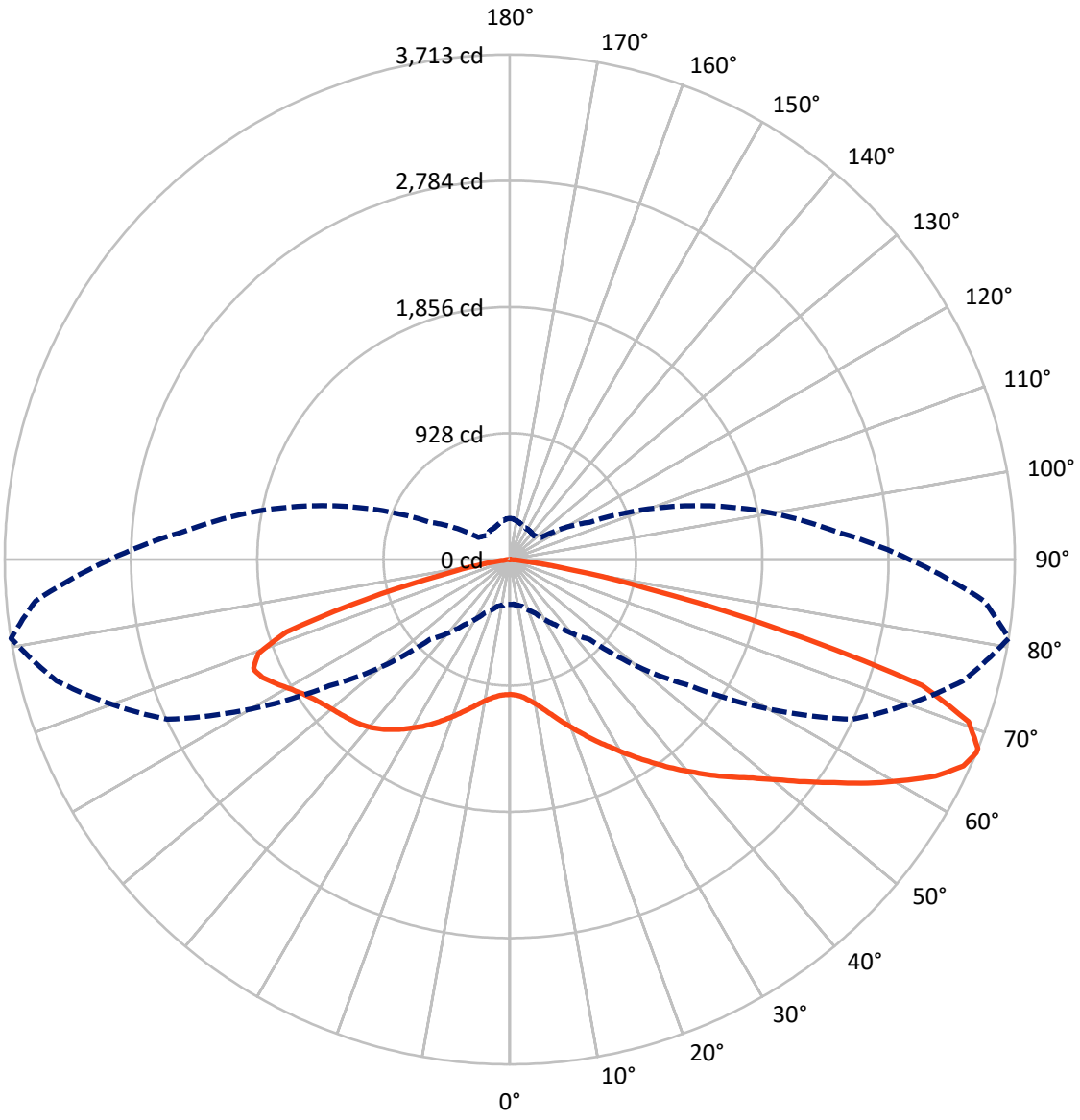
Based on 15 foot mounting height. Maximum calculated value = 8.5 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1211899
CATALOG NUMBER: GKO-PB2C-827-U-T2R

Luminous Intensity Polar Plot



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

Scaled Data Report

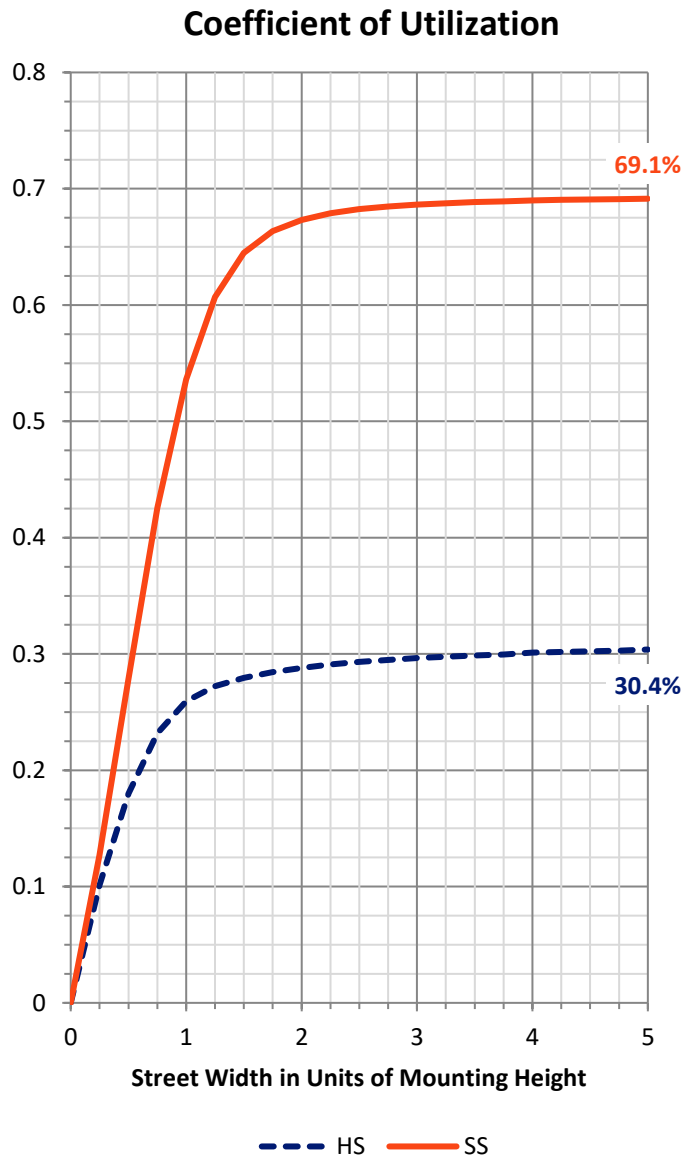
REPORT NUMBER: P1211899
CATALOG NUMBER: GKO-PB2C-827-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2200.3	0.0	2200.3
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	4925.3	0.0	4925.3
	% Fixture	69.1	0.0	69.1
Total	Lumens	7125.6	0.0	7125.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.8	1.4
10°-20°	372.2	5.2
20°-30°	753.9	10.6
30°-40°	1188.8	16.7
40°-50°	1459.9	20.5
50°-60°	1394.7	19.6
60°-70°	1169.6	16.4
70°-80°	619.6	8.7
80°-90°	64.0	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°	7125.6	100.0
0°-180°	7125.6	100.0



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

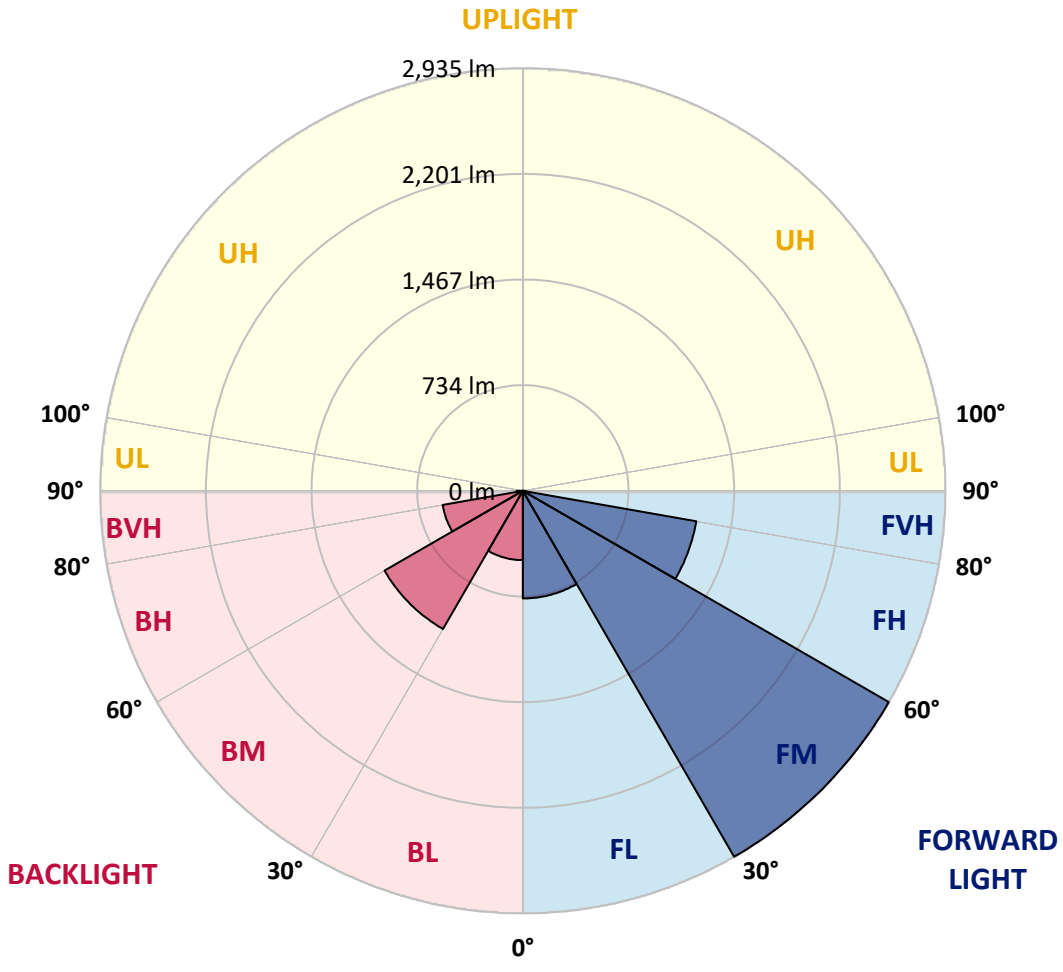
Scaled Data Report

REPORT NUMBER: P1211899
CATALOG NUMBER: GKO-PB2C-827-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	747.4	10.5			
FM	(30°-60°)	2934.8	41.2			
FH	(60°-80°)	1223.2	17.2			G1/1800
FVH	(80°-90°)	19.9	0.3			G1/100
BL	(0°-30°)	481.5	6.8	B1/500		
BM	(30°-60°)	1108.7	15.6	B2/2500		
BH	(60°-80°)	566.0	7.9	B2/1000		G2/1000
BVH	(80°-90°)	44.1	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



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

Scaled Data Report

REPORT NUMBER: P1211899
CATALOG NUMBER: GKO-PB2C-827-U-T2R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	992.6	992.6	992.6	992.6	992.6	992.6	992.6	992.6	992.6	*992.6*	992.6
2.5°	1049.8	1052.6	1047.1	1045.8	1040.3	1032.1	1022.6	1015.8	1004.9	*999.4*	996.7
5°	1149.4	1143.9	1139.8	1133.0	1113.9	1097.6	1070.3	1051.2	1030.8	*1017.1*	1013.0
7.5°	1270.7	1273.5	1259.8	1242.1	1214.8	1182.1	1138.5	1103.0	1064.8	*1047.1*	1038.9
10°	1403.0	1413.9	1400.3	1378.4	1326.6	1277.5	1224.4	1163.0	1111.2	*1083.9*	1073.0
12.5°	1563.9	1570.7	1553.0	1524.3	1461.6	1388.0	1313.0	1236.6	1168.5	*1134.4*	1115.3
15°	1743.8	1738.4	1720.7	1678.4	1598.0	1516.1	1413.9	1314.4	1233.9	*1191.6*	1164.4
17.5°	1929.3	1922.4	1899.3	1844.7	1753.4	1651.1	1529.8	1404.3	1303.4	*1257.1*	1220.3
20°	2106.5	2099.7	2083.3	2022.0	1911.5	1786.1	1644.3	1508.0	1382.5	*1325.3*	1284.4
22.5°	2302.8	2297.4	2271.5	2196.5	2077.9	1940.2	1775.2	1612.9	1468.4	*1400.3*	1351.2
25°	2515.5	2516.9	2488.3	2383.3	2249.7	2088.8	1915.6	1731.6	1565.2	*1479.3*	1423.4
27.5°	2763.7	2762.3	2713.2	2600.1	2432.4	2246.9	2054.7	1855.6	1660.7	*1559.8*	1495.7
30°	2988.7	2983.2	2928.7	2815.5	2621.9	2413.3	2202.0	1975.6	1768.4	*1648.4*	1570.7
32.5°	3155.0	3156.4	3111.4	2987.3	2797.8	2575.5	2339.7	2110.6	1872.0	*1743.8*	1657.9
35°	3275.0	3276.3	3232.7	3126.4	2949.1	2726.9	2485.6	2237.4	1987.9	*1842.0*	1749.3
37.5°	3313.2	3313.2	3284.5	3201.4	3056.8	2863.2	2628.7	2381.9	2103.8	*1948.4*	1842.0
40°	3261.3	3265.4	3264.1	3209.5	3110.0	2957.3	2761.0	2521.0	2233.3	*2053.3*	1936.1
42.5°	3144.1	3146.8	3150.9	3130.5	3099.1	3007.7	2867.3	2662.8	2362.8	*2167.9*	2028.8
45°	2950.5	2961.4	2981.8	2990.0	3002.3	2995.5	2932.8	2795.1	2507.4	*2282.4*	2120.1
47.5°	2705.1	2722.8	2750.1	2799.1	2867.3	2921.9	2949.1	2897.3	2647.8	*2401.0*	2222.4
50°	2364.2	2383.3	2456.9	2559.2	2694.2	2800.5	2904.1	2973.7	2804.6	*2545.5*	2336.9
52.5°	1892.5	1933.4	2057.4	2253.8	2485.6	2643.7	2808.7	3010.5	2964.1	*2716.0*	2473.3
55°	1439.8	1454.8	1614.3	1850.2	2207.4	2474.6	2677.8	2991.4	3114.1	*2894.6*	2628.7
57.5°	1006.2	1022.6	1161.7	1419.3	1814.7	2253.8	2546.9	2927.3	3250.4	*3104.6*	2807.3
60°	714.4	732.2	835.8	1026.7	1409.8	1932.0	2425.6	2845.5	3369.1	*3303.6*	3013.2
62.5°	519.5	529.0	583.6	744.4	1018.5	1510.7	2252.4	2792.3	3452.2	*3510.9*	3224.5
65°	398.1	407.7	439.0	539.9	752.6	1104.4	1941.5	2791.0	3474.0	*3663.6*	3407.2
67°	*331.3*	*330.0*	*357.2*	*433.6*	*587.6*	*830.3*	*1621.1*	*2780.1*	*3449.5*	*3712.6*	*3499.9*
67.5°	313.6	319.0	340.9	404.9	554.9	764.9	1551.6	2762.3	3441.3	*3711.3*	3506.8
70°	249.5	250.9	270.0	320.4	417.2	554.9	1116.7	2587.8	3317.2	*3577.7*	3430.4
72.5°	182.7	181.3	210.0	242.7	319.0	403.6	748.5	2173.3	3048.7	*3170.0*	3050.0
75°	135.0	133.6	148.6	185.4	227.7	301.3	485.4	1418.0	2064.2	*2016.5*	1862.5
77.5°	90.0	92.7	106.3	136.3	162.2	186.8	242.7	653.1	1137.1	*1028.0*	989.9
80°	54.5	50.4	60.0	77.7	94.1	95.4	103.6	282.2	488.1	*464.9*	436.3
82.5°	19.1	19.1	23.2	31.4	31.4	31.4	38.2	68.2	96.8	*88.6*	84.5
85°	0.0	0.0	0.0	0.0	2.7	4.1	2.7	5.5	9.5	*10.9*	10.9
87.5°	0.0	0.0	0.0	0.0	0.0	1.4	1.4	2.7	4.1	*5.5*	5.5
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

Scaled Data Report

REPORT NUMBER: P1211899
CATALOG NUMBER: GKO-PB2C-827-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	992.6	992.6	992.6	992.6	992.6	992.6	992.6	992.6	992.6	992.6	992.6
2.5°	996.7	996.7	992.6	987.1	984.4	983.0	978.9	973.5	977.6	981.7	981.7
5°	1010.3	1007.6	999.4	993.9	989.9	989.9	984.4	983.0	987.1	991.2	989.9
7.5°	1032.1	1026.7	1017.1	1008.9	1010.3	1011.7	1003.5	1003.5	1007.6	1011.7	1011.7
10°	1062.1	1052.6	1043.0	1036.2	1037.6	1038.9	1030.8	1028.0	1032.1	1036.2	1038.9
12.5°	1100.3	1088.0	1077.1	1070.3	1068.9	1070.3	1062.1	1059.4	1059.4	1062.1	1062.1
15°	1145.3	1131.7	1118.0	1108.5	1105.7	1104.4	1093.5	1083.9	1083.9	1085.3	1085.3
17.5°	1197.1	1178.0	1160.3	1149.4	1142.6	1133.0	1120.7	1107.1	1103.0	1104.4	1104.4
20°	1248.9	1228.5	1205.3	1190.3	1176.6	1160.3	1141.2	1123.5	1115.3	1115.3	1113.9
22.5°	1308.9	1281.6	1250.3	1229.8	1205.3	1178.0	1150.7	1127.6	1119.4	1116.7	1116.7
25°	1370.3	1338.9	1293.9	1262.5	1227.1	1187.6	1152.1	1120.7	1107.1	1101.7	1101.7
27.5°	1433.0	1396.2	1337.5	1292.5	1240.7	1186.2	1138.5	1098.9	1079.8	1073.0	1070.3
30°	1503.9	1450.7	1375.7	1314.4	1243.5	1173.9	1112.6	1066.2	1037.6	1021.2	1022.6
32.5°	1577.5	1510.7	1411.2	1328.0	1239.4	1150.7	1073.0	1014.4	977.6	962.6	957.1
35°	1652.5	1568.0	1442.5	1334.8	1225.7	1115.3	1022.6	957.1	916.2	894.4	894.4
37.5°	1728.8	1627.9	1464.3	1333.4	1201.2	1068.9	964.0	894.4	846.7	819.4	812.6
40°	1803.8	1683.8	1480.7	1322.5	1164.4	1013.0	901.2	826.2	762.2	726.7	721.3
42.5°	1877.5	1730.2	1488.9	1304.8	1120.7	951.7	830.3	729.4	668.1	635.4	634.0
45°	1944.3	1767.0	1490.2	1281.6	1063.5	882.1	734.9	638.1	576.7	542.6	542.6
47.5°	2009.7	1807.9	1488.9	1251.6	1000.8	792.2	634.0	539.9	484.0	462.2	455.4
50°	2088.8	1848.8	1487.5	1214.8	920.3	684.4	535.8	455.4	407.7	385.9	385.9
52.5°	2169.2	1896.5	1490.2	1163.0	824.9	579.5	448.6	377.7	346.3	332.7	331.3
55°	2272.9	1947.0	1497.1	1101.7	725.3	477.2	373.6	325.9	304.0	297.2	298.6
57.5°	2398.3	2016.5	1510.7	1029.4	609.5	391.3	320.4	294.5	289.0	291.8	293.1
60°	2541.5	2102.4	1529.8	947.6	507.2	325.9	289.0	283.6	289.0	300.0	301.3
62.5°	2707.8	2206.0	1554.3	856.2	406.3	286.3	275.4	279.5	283.6	301.3	302.7
65°	2855.0	2317.8	1559.8	748.5	330.0	260.4	267.2	270.0	280.9	301.3	302.7
67°	*2938.2*	*2394.2*	*1523.0*	*646.3*	*282.2*	*246.8*	*256.3*	*259.1*	*278.1*	*298.6*	*301.3*
67.5°	2947.8	2410.6	1498.4	620.4	272.7	244.1	253.6	259.1	278.1	298.6	300.0
70°	2919.1	2399.7	1334.8	467.7	225.0	225.0	235.9	248.1	267.2	289.0	298.6
72.5°	2664.2	2188.3	1033.5	317.7	190.9	203.2	219.5	237.2	255.0	280.9	297.2
75°	1683.8	1408.4	632.6	212.7	159.5	181.3	207.2	227.7	242.7	261.8	272.7
77.5°	899.9	696.7	272.7	125.4	125.4	160.9	192.2	211.3	219.5	226.3	233.1
80°	425.4	324.5	132.3	75.0	87.3	125.4	170.4	190.9	193.6	201.8	204.5
82.5°	84.5	73.6	43.6	39.5	57.3	90.0	141.8	165.0	166.3	180.0	182.7
85°	10.9	9.5	6.8	15.0	36.8	66.8	109.1	141.8	144.5	144.5	141.8
87.5°	5.5	4.1	4.1	10.9	27.3	50.4	90.0	118.6	120.0	94.1	91.4
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: SP3-2511-595-2

Test Date: 11/12/2025

Luminaire Tested: GKO-PB1C-827-U-T4W

Data in this report applies to families of products including GKO-PB1C-827*

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

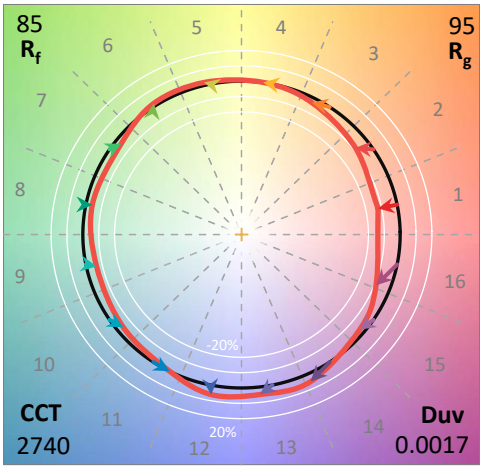
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2511-595-2
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP3 - 3M SPHERE
Measurement Geometry:	4π
Issue Date:	01/27/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GKO-PB1C-827-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2740
CIE u':	0.2602
CIE v':	0.5290
Duv:	0.0017
CIE x:	0.4595
CIE y:	0.4151
CIE z:	0.1255
Peak Wavelength (nm):	605
Dominant Wavelength (nm):	583
Purity:	62.5206
Rf:	84.8
Rg:	94.5

CRI (Ra):	81.1
R1:	79.2
R2:	90.4
R3:	95.8
R4:	79.2
R5:	79.6
R6:	89.5
R7:	81.1
R8:	54.5
R9:	-0.3
R10:	79.1
R11:	79.0
R12:	72.7
R13:	81.7
R14:	98.3
R15:	70.3



Test Conditions

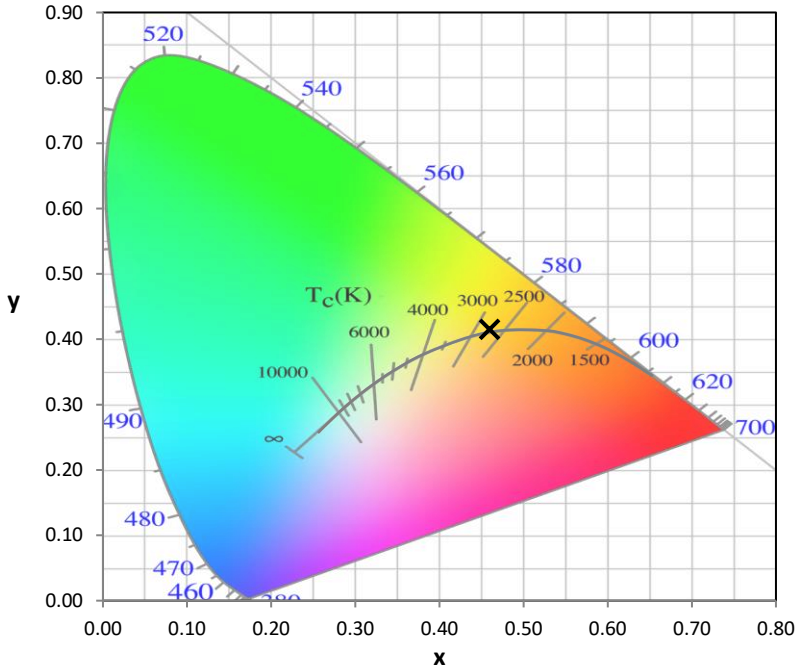
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-2

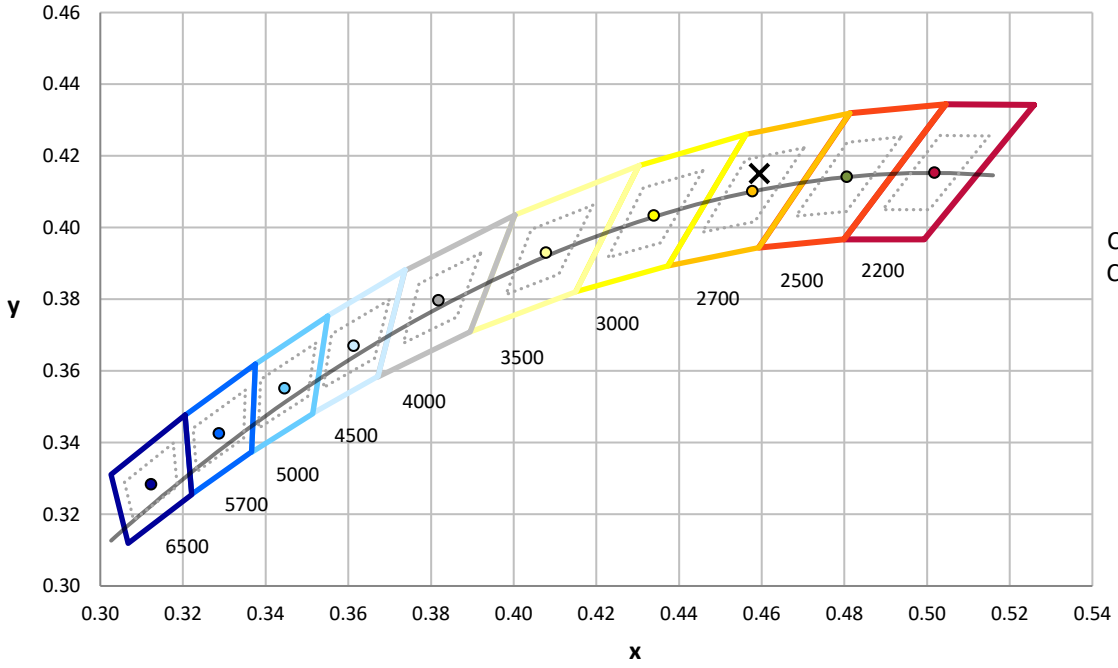
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534	10/20/2025	10/20/2026
Sphere Thermometer	TANDD IN4036E	10/21/2025	10/21/2026

REPORT NUMBER: SP3-2511-595-2

CIE 1931 Chromaticity Diagram



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

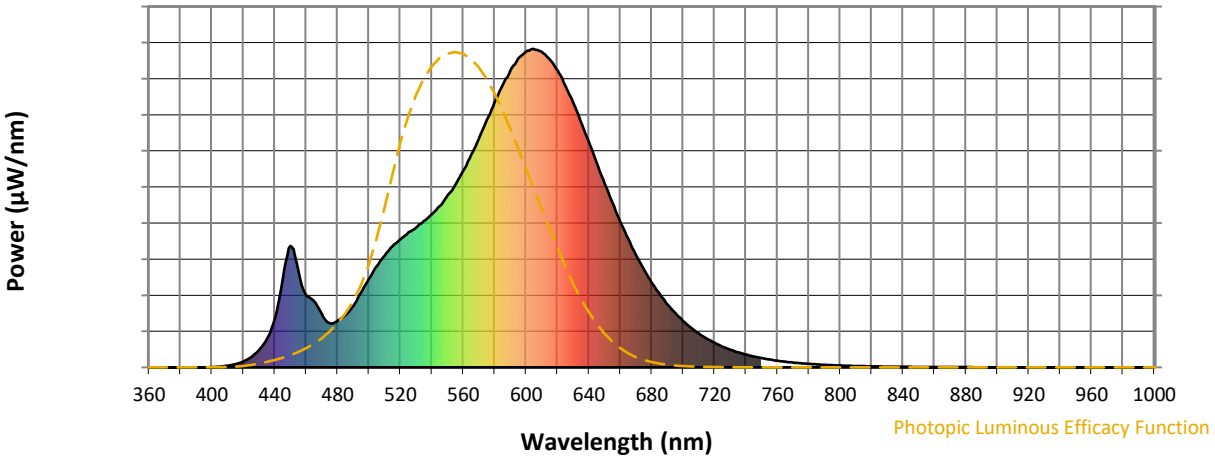


CCT = 2740K
CIE x = 0.4595
CIE y = 0.4151
Duv = 0.0017

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP3-2511-595-2

Photopic Flux vs. Wavelength

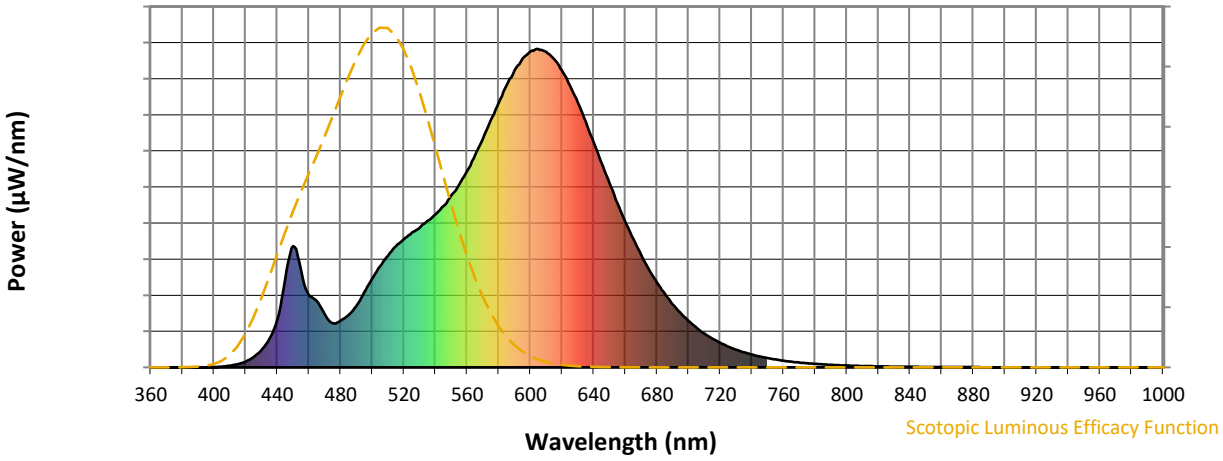


Photopic Lumens: NR

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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP3-2511-595-2

Scotopic Flux vs. Wavelength

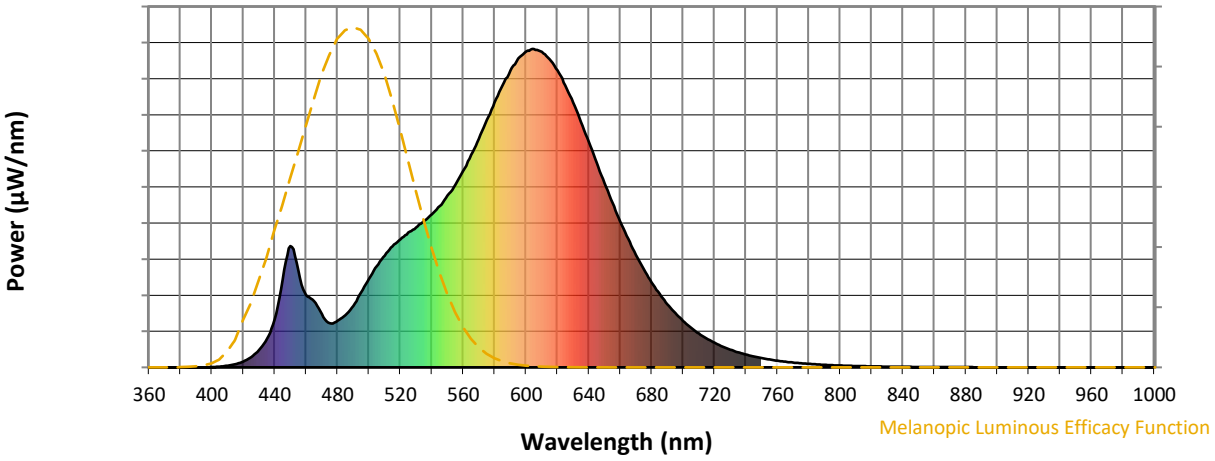


Scotopic Lumens: NR **S/P: 1.22**

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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP3-2511-595-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.26**

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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

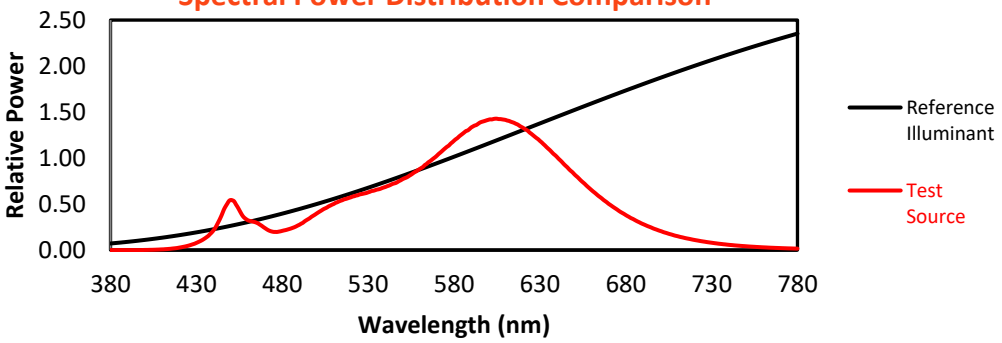
REPORT NUMBER: SP3-2511-595-2

TM-30-18

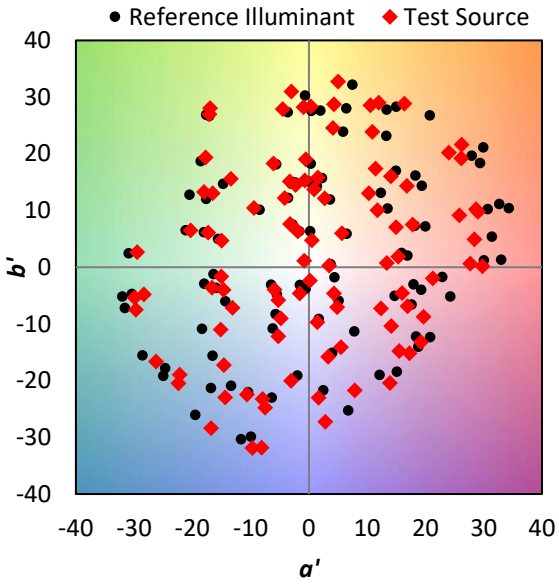
Summary

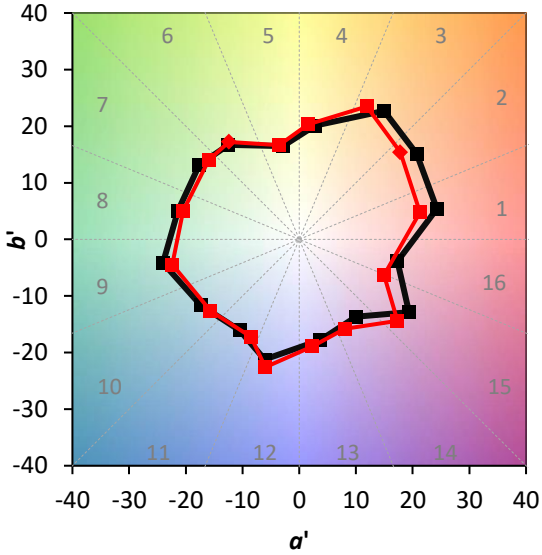
R_f = 84.8
R_g = 94.5
CIE R_a = 81.1
R_9 = -0.3

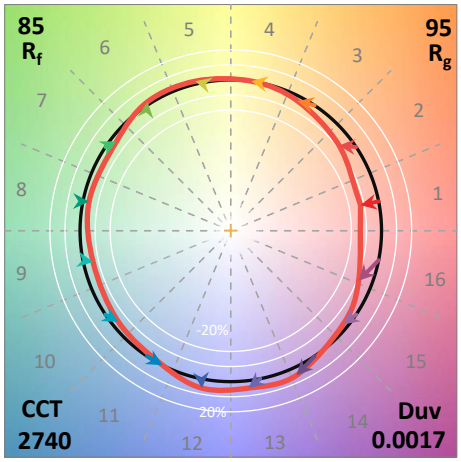
Spectral Power Distribution Comparison

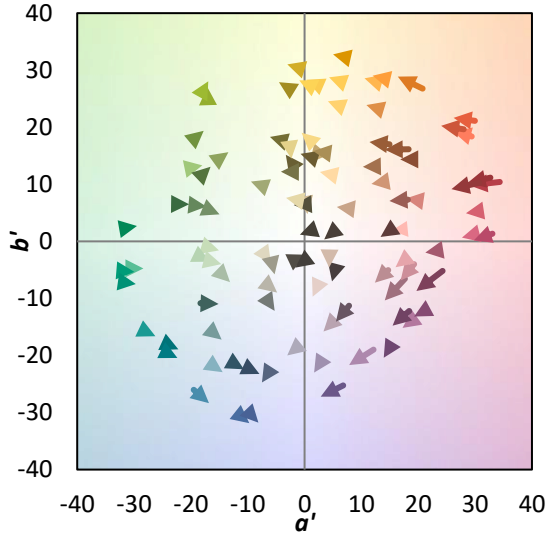


Color Vector Graphics







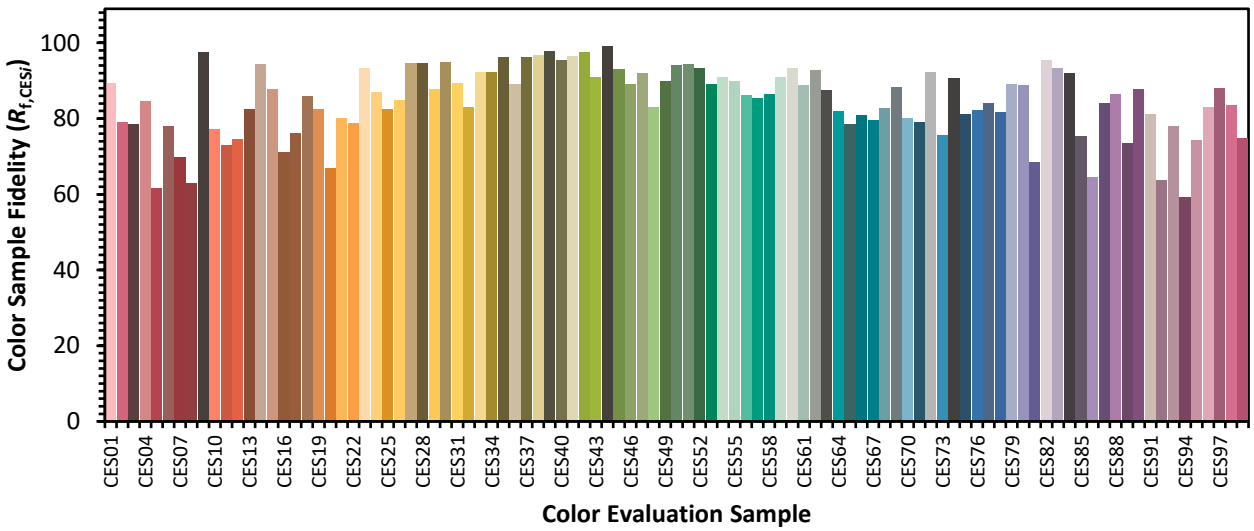


REPORT NUMBER: SP3-2511-595-2

TM-30-18

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

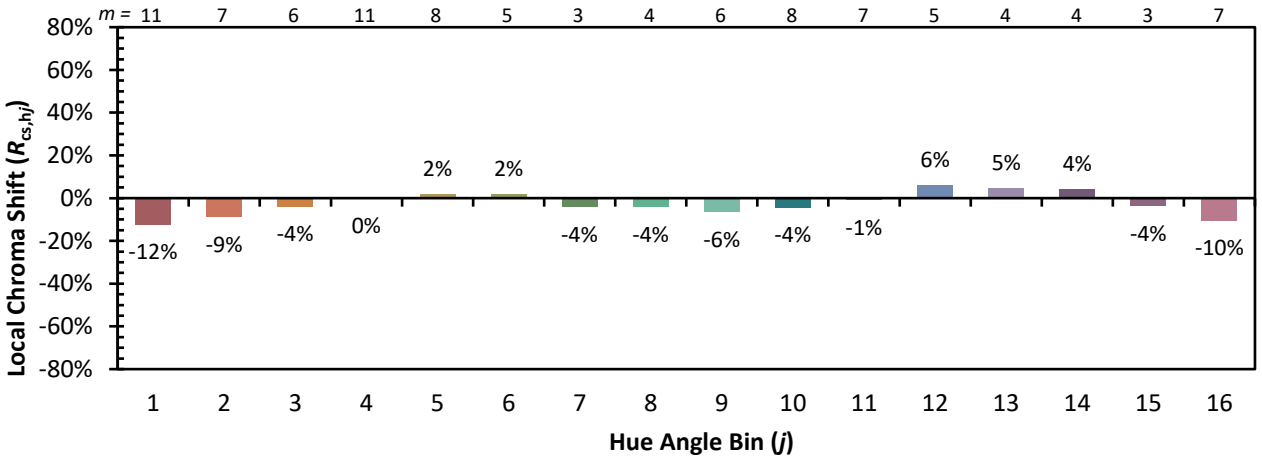
CES01 = 86	CES26 = 85	CES51 = 94	CES76 = 82
CES02 = 63	CES27 = 95	CES52 = 93	CES77 = 84
CES03 = 31	CES28 = 95	CES53 = 89	CES78 = 82
CES04 = 71	CES29 = 88	CES54 = 91	CES79 = 89
CES05 = 50	CES30 = 95	CES55 = 90	CES80 = 89
CES06 = 52	CES31 = 89	CES56 = 86	CES81 = 68
CES07 = 43	CES32 = 83	CES57 = 85	CES82 = 96
CES08 = 41	CES33 = 92	CES58 = 86	CES83 = 93
CES09 = 29	CES34 = 92	CES59 = 91	CES84 = 92
CES10 = 77	CES35 = 96	CES60 = 93	CES85 = 75
CES11 = 60	CES36 = 89	CES61 = 89	CES86 = 65
CES12 = 66	CES37 = 96	CES62 = 93	CES87 = 84
CES13 = 44	CES38 = 97	CES63 = 87	CES88 = 86
CES14 = 74	CES39 = 98	CES64 = 82	CES89 = 73
CES15 = 72	CES40 = 95	CES65 = 79	CES90 = 88
CES16 = 48	CES41 = 96	CES66 = 81	CES91 = 81
CES17 = 50	CES42 = 98	CES67 = 80	CES92 = 64
CES18 = 57	CES43 = 91	CES68 = 83	CES93 = 78
CES19 = 73	CES44 = 99	CES69 = 88	CES94 = 59
CES20 = 67	CES45 = 93	CES70 = 80	CES95 = 74
CES21 = 87	CES46 = 89	CES71 = 79	CES96 = 83
CES22 = 79	CES47 = 92	CES72 = 92	CES97 = 88
CES23 = 92	CES48 = 83	CES73 = 76	CES98 = 84
CES24 = 91	CES49 = 90	CES74 = 91	CES99 = 75
CES25 = 72	CES50 = 94	CES75 = 81	

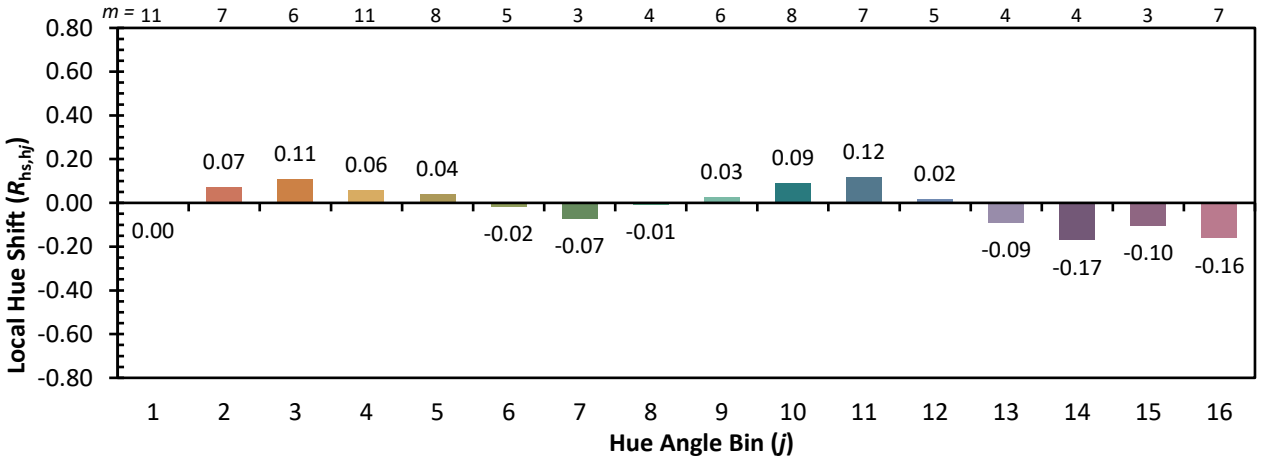


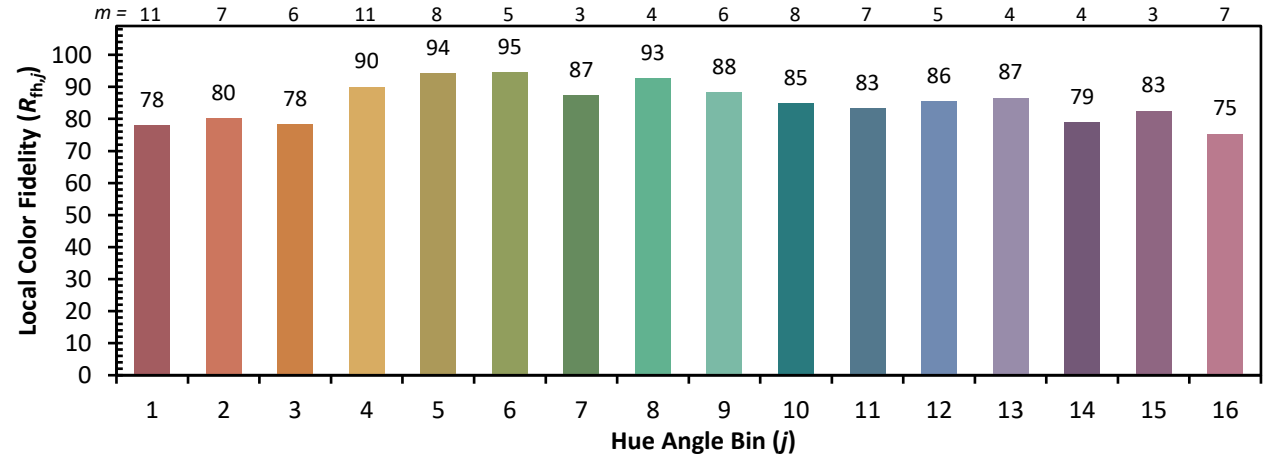
REPORT NUMBER: SP3-2511-595-2

TM-30-18

Color Rendition by Hue-Angle Bin



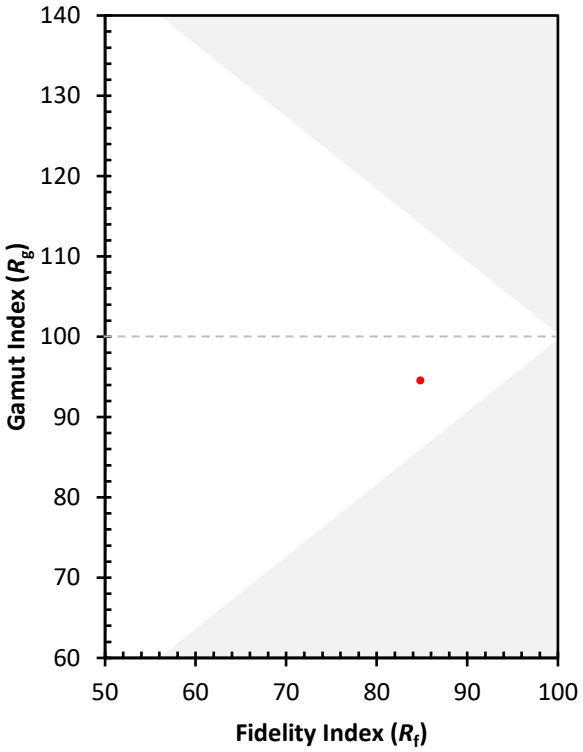


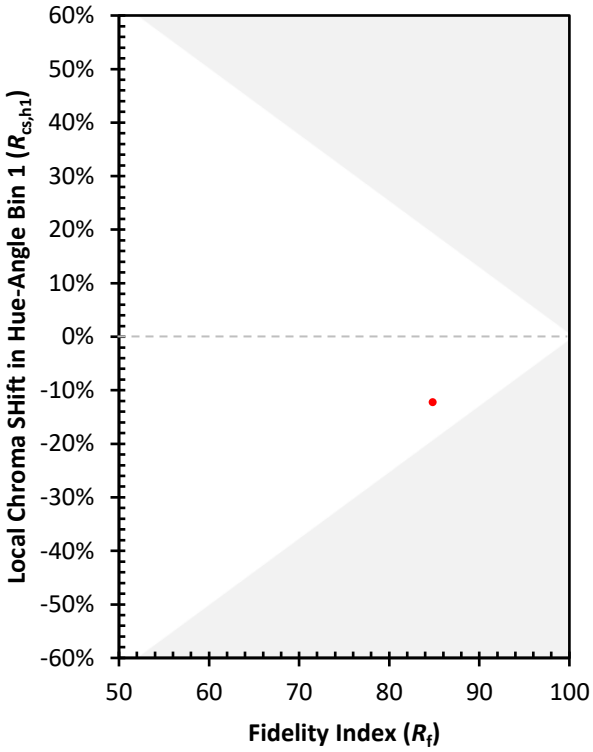


REPORT NUMBER: SP3-2511-595-2

TM-30-18

Measure Comparisons





(END OF REPORT)