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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1500823

Luminaire Tested: GSS-SB1C-850-U-T4LG

Issue Date: 07/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1500823
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-850-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6488.6 lumens
Efficiency:	N/A
Efficacy:	124.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

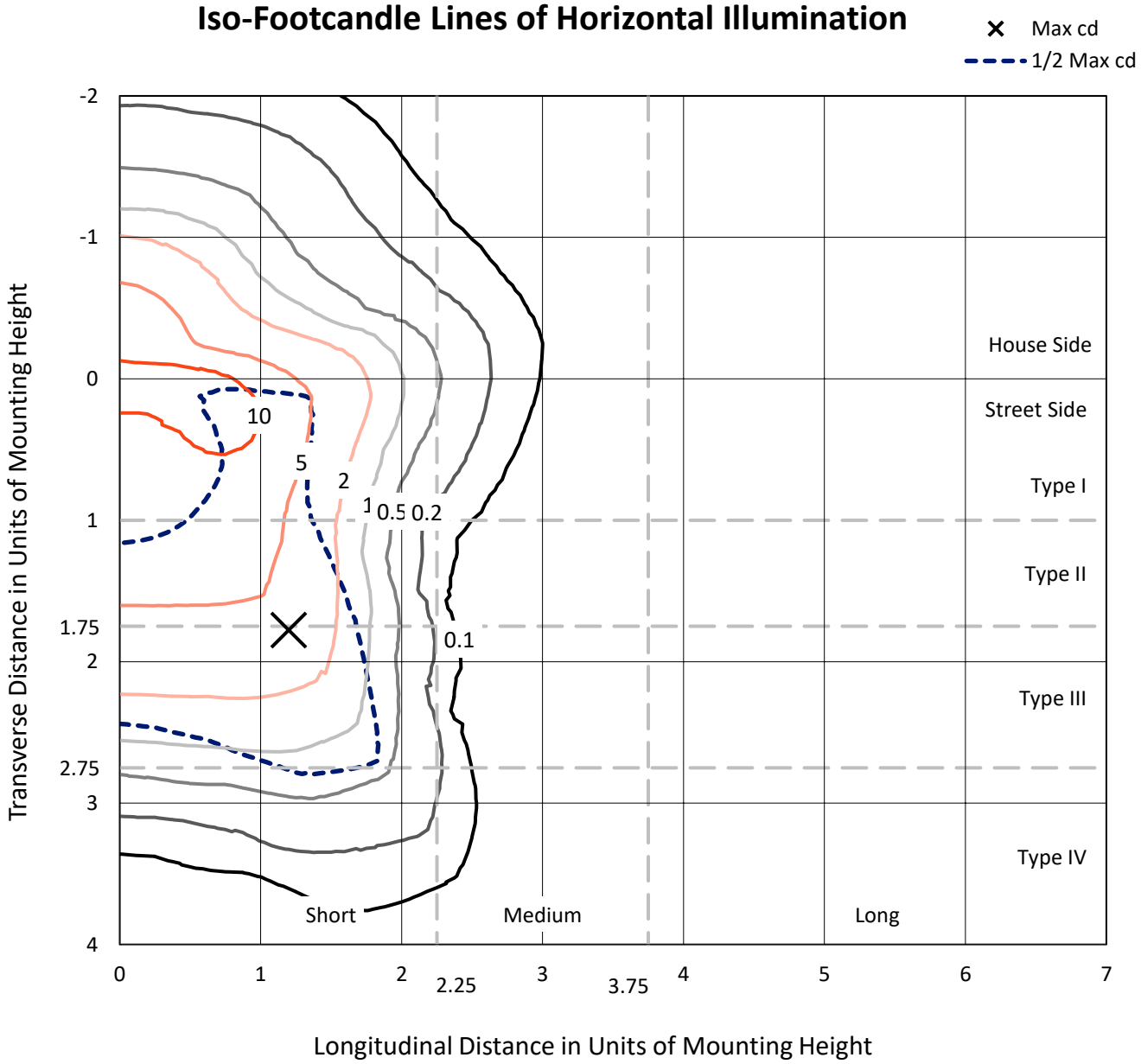
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500823
CATALOG NUMBER: GSS-SB1C-850-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



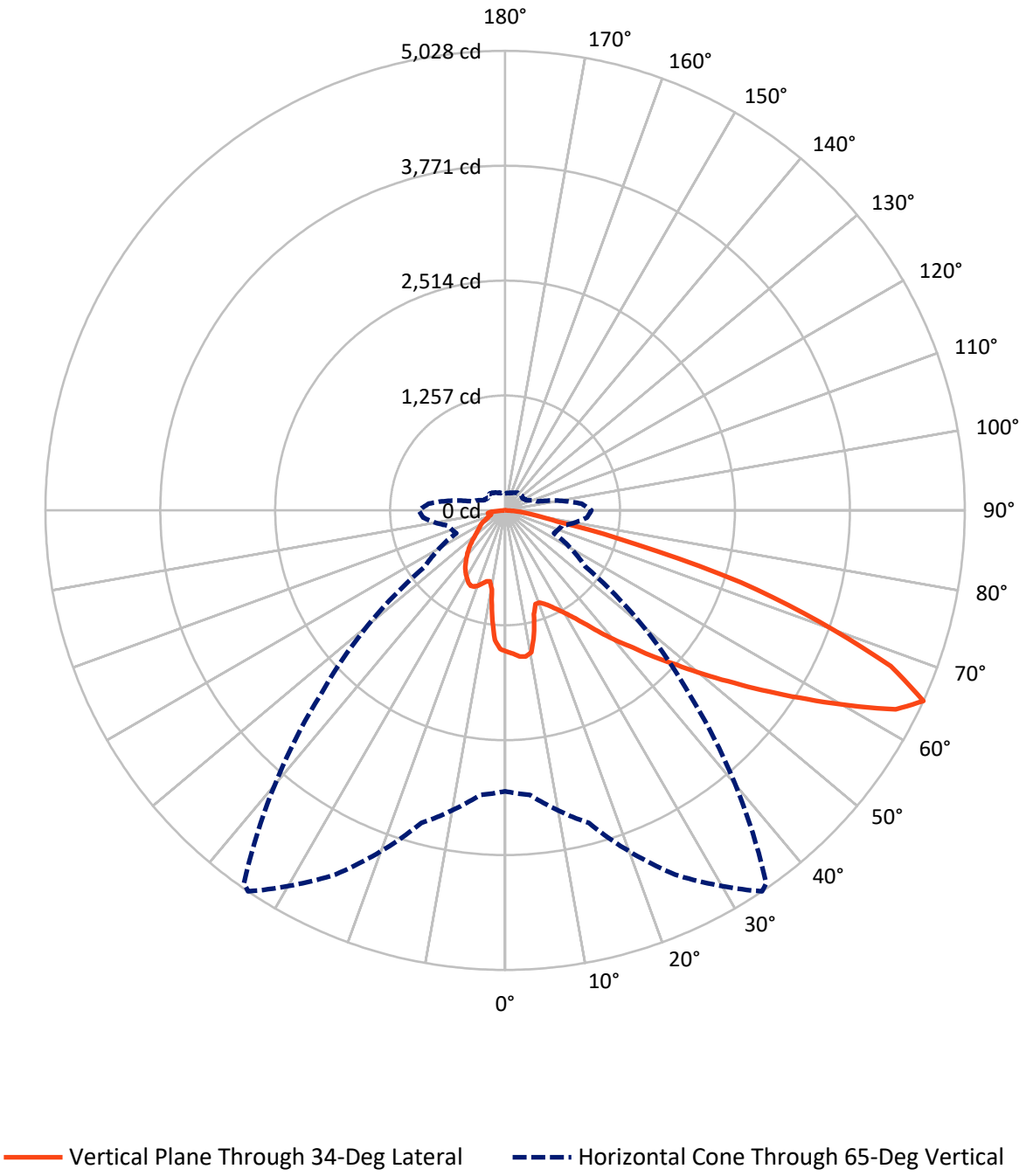
Based on 10 foot mounting height. Maximum calculated value = 16.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1500823
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Luminous Intensity Polar Plot



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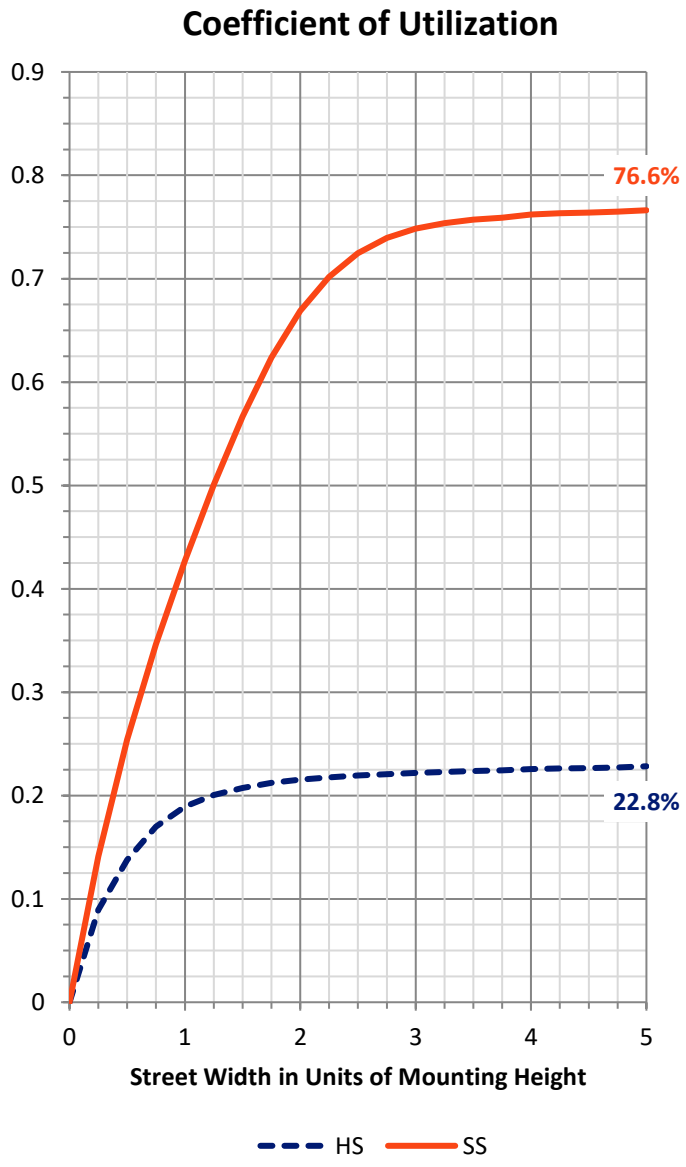
REPORT NUMBER: P1500823
CATALOG NUMBER: GSS-SB1C-850-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1509.6	0.0	1509.6
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	4979.0	0.0	4979.0
	% Fixture	76.7	0.0	76.7
Total	Lumens	6488.6	0.0	6488.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.1	2.1
10°-20°	350.0	5.4
20°-30°	580.2	8.9
30°-40°	872.6	13.4
40°-50°	1222.5	18.8
50°-60°	1541.4	23.8
60°-70°	1325.7	20.4
70°-80°	394.1	6.1
80°-90°	62.9	1.0
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°	6488.6	100.0
0°-180°	6488.6	100.0



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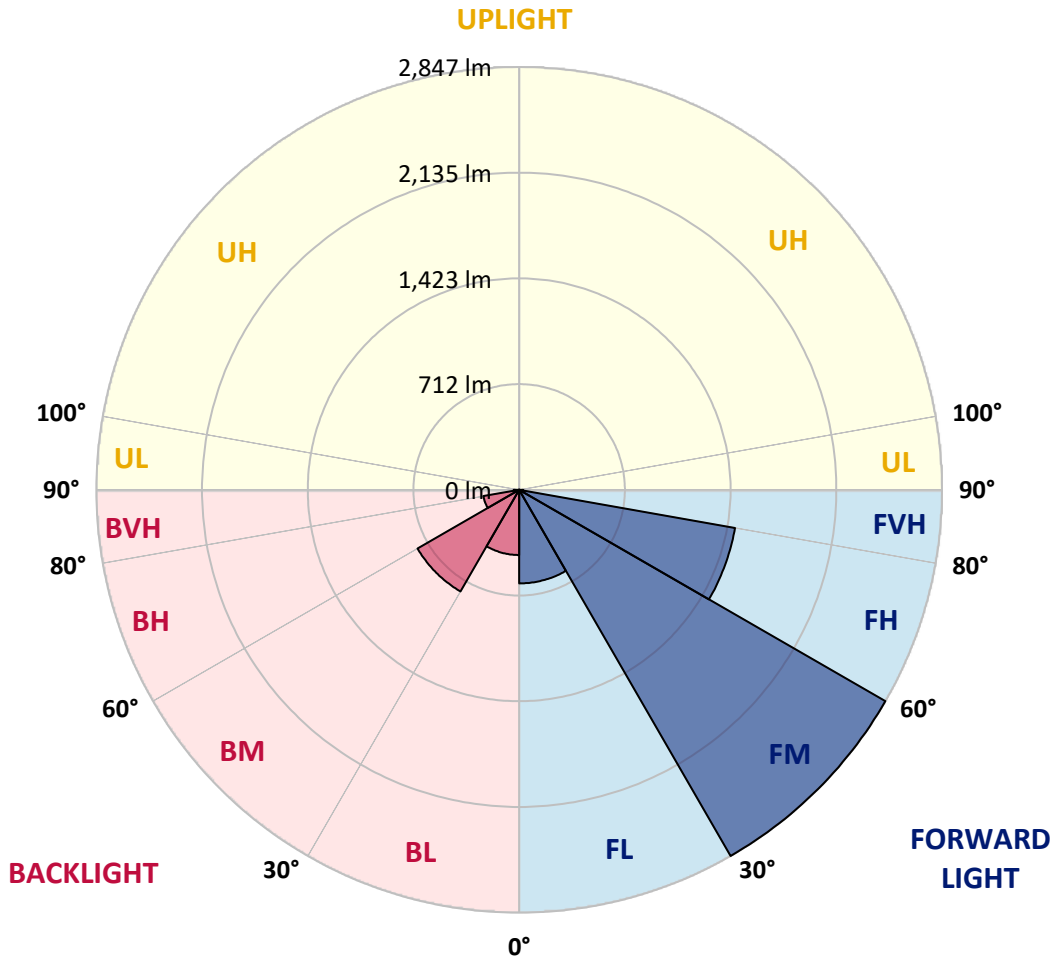
Scaled Data Report

REPORT NUMBER: P1500823
CATALOG NUMBER: GSS-SB1C-850-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	630.1	9.7			
FM	(30°-60°)	2846.7	43.9			
FH	(60°-80°)	1475.5	22.7			G1/1800
FVH	(80°-90°)	26.6	0.4			G1/100
BL	(0°-30°)	439.2	6.8	B1/500		
BM	(30°-60°)	789.8	12.2	B1/1000		
BH	(60°-80°)	244.3	3.8	B1/500		G1/500
BVH	(80°-90°)	36.3	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	1542.7	1542.7	1542.7	1542.7	*1542.7*	1542.7	1542.7	1542.7	1542.7	1542.7	1542.7
2.5°	1572.1	1580.9	1570.6	1566.2	*1567.7*	1569.1	1561.8	1563.3	1554.4	1554.4	1547.1
5°	1605.9	1607.3	1601.5	1605.9	*1604.4*	1602.9	1602.9	1601.5	1582.4	1577.9	1570.6
7.5°	1586.8	1592.6	1595.6	1611.7	*1616.1*	1625.0	1630.8	1633.8	1619.1	1607.3	1588.2
10°	1411.9	1416.3	1450.1	1523.6	*1579.4*	1589.7	1644.1	1674.9	1664.6	1658.8	1626.4
12.5°	1128.4	1135.7	1173.9	1269.4	*1400.2*	1428.1	1601.5	1705.8	1729.3	1730.7	1683.7
15°	1006.4	1006.4	1018.2	1072.5	*1178.3*	1200.4	1456.0	1714.6	1798.3	1808.6	1751.3
17.5°	981.4	980.0	987.3	1019.6	*1075.5*	1088.7	1288.5	1669.0	1880.6	1898.2	1824.8
20°	980.0	975.6	990.3	1027.0	*1075.5*	1087.2	1210.6	1589.7	1945.3	2001.1	1898.2
22.5°	981.4	981.4	1002.0	1054.9	*1110.7*	1121.0	1225.3	1523.6	1998.1	2108.3	1976.1
25°	997.6	994.7	1024.0	1088.7	*1165.1*	1172.4	1285.6	1520.6	2043.7	2228.8	2070.1
27.5°	1024.0	1025.5	1065.2	1143.1	*1229.7*	1244.4	1369.3	1583.8	2099.5	2361.0	2161.2
30°	1079.9	1081.3	1128.4	1207.7	*1307.6*	1326.7	1466.3	1677.9	2178.9	2503.6	2259.7
32.5°	1143.1	1150.4	1207.7	1300.3	*1407.5*	1417.8	1585.3	1818.9	2297.9	2646.1	2365.4
35°	1248.8	1256.2	1320.8	1417.8	*1536.8*	1551.5	1730.7	1982.0	2443.3	2790.1	2447.7
37.5°	1385.5	1391.4	1454.5	1572.1	*1698.4*	1713.1	1892.4	2155.4	2590.2	2904.7	2521.2
40°	1548.6	1561.8	1629.4	1744.0	*1871.8*	1880.6	2068.7	2322.8	2748.9	2984.0	2550.6
42.5°	1726.3	1739.6	1808.6	1935.0	*2052.5*	2079.0	2259.7	2500.6	2878.2	3019.3	2527.1
45°	1954.1	1951.1	2015.8	2148.0	*2286.1*	2296.4	2463.9	2647.5	2956.1	2989.9	2503.6
47.5°	2230.3	2233.2	2274.4	2381.6	*2524.1*	2547.6	2676.9	2773.9	3001.6	2966.4	2477.1
50°	2541.8	2549.1	2584.4	2662.2	*2815.0*	2831.2	2869.4	2862.0	3029.5	2916.4	2487.4
52.5°	2853.2	2857.6	2904.7	2986.9	*3135.3*	3147.1	3063.3	2929.6	2925.2	2715.1	2465.4
55°	3108.9	3107.4	3191.2	3317.5	*3498.2*	3490.9	3254.3	2878.2	2599.1	2402.2	2366.9
57.5°	3330.7	3339.5	3448.3	3667.2	*3894.9*	3889.0	3458.6	2606.4	2123.0	2031.9	2206.8
60°	3530.5	3551.1	3755.3	4083.0	*4334.2*	4298.9	3495.3	2196.5	1651.4	1591.2	1889.4
62.5°	3443.9	3482.1	3809.7	4448.8	*4794.1*	4716.2	3269.0	1701.4	1118.1	1063.7	1335.5
65°	*3073.6*	*3125.0*	*3540.8*	*4395.9*	*5027.7*	*4979.2*	*2857.6*	*1069.6*	*589.2*	*646.5*	*899.2*
67.5°	2581.4	2643.1	3092.7	3949.3	*4548.7*	4444.4	2220.0	562.7	274.7	426.1	558.3
70°	1414.9	1567.7	2236.2	3358.6	*3643.7*	3498.2	1284.1	265.9	199.8	265.9	333.5
72.5°	531.9	568.6	969.7	2258.2	*2699.0*	2519.7	487.8	171.9	167.5	196.9	241.0
75°	255.6	273.3	421.7	1027.0	*1473.6*	1373.7	239.5	127.8	144.0	154.3	174.8
77.5°	152.8	164.6	263.0	596.5	*580.3*	533.3	146.9	98.4	116.1	110.2	102.8
80°	91.1	101.4	160.1	339.4	*349.7*	310.0	89.6	69.1	80.8	70.5	63.2
82.5°	52.9	57.3	83.7	152.8	*221.9*	204.2	51.4	41.1	58.8	47.0	35.3
85°	26.4	27.9	38.2	66.1	*110.2*	83.7	22.0	19.1	27.9	20.6	11.8
87.5°	5.9	5.9	5.9	7.3	*10.3*	10.3	2.9	1.5	1.5	1.5	1.5
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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Scaled Data Report

REPORT NUMBER: P1500823
CATALOG NUMBER: GSS-SB1C-850-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1542.7	1542.7	1542.7	1542.7	1542.7	1542.7	1542.7	1542.7	1542.7	1542.7	1542.7
2.5°	1545.6	1548.6	1538.3	1526.5	1523.6	1514.8	1517.7	1511.8	1503.0	1504.5	1506.0
5°	1560.3	1554.4	1533.9	1507.4	1483.9	1457.5	1426.6	1391.4	1366.4	1356.1	1364.9
7.5°	1573.5	1567.7	1532.4	1473.6	1394.3	1284.1	1169.5	1065.2	993.2	966.7	972.6
10°	1610.3	1586.8	1522.1	1394.3	1204.8	996.1	880.1	815.4	793.4	781.6	783.1
12.5°	1658.8	1626.4	1503.0	1256.2	969.7	837.5	796.3	781.6	774.3	771.3	774.3
15°	1717.5	1667.6	1457.5	1082.8	861.0	809.5	800.7	802.2	802.2	803.7	803.7
17.5°	1768.9	1691.1	1375.2	957.9	838.9	824.2	833.0	840.4	840.4	841.9	840.4
20°	1816.0	1702.8	1269.4	905.0	843.3	850.7	871.2	878.6	880.1	878.6	878.6
22.5°	1865.9	1710.2	1163.6	875.7	853.6	875.7	897.7	908.0	910.9	912.4	913.9
25°	1914.4	1695.5	1076.9	852.1	849.2	880.1	905.0	918.3	921.2	921.2	922.7
27.5°	1962.9	1691.1	1018.2	821.3	828.6	853.6	883.0	900.6	912.4	913.9	915.3
30°	2018.7	1677.9	962.3	780.2	783.1	813.9	844.8	875.7	899.2	909.4	909.4
32.5°	2056.9	1664.6	912.4	736.1	736.1	768.4	806.6	844.8	878.6	899.2	903.6
35°	2093.6	1652.9	868.3	692.0	693.5	724.3	764.0	805.1	847.7	872.7	884.5
37.5°	2112.7	1641.1	837.5	658.2	652.3	684.7	711.1	744.9	790.4	831.6	841.9
40°	2117.2	1641.1	834.5	634.7	609.7	646.5	658.2	681.7	722.9	766.9	783.1
42.5°	2087.8	1625.0	849.2	620.0	565.7	592.1	605.3	617.1	643.5	680.3	693.5
45°	2052.5	1602.9	862.4	599.4	511.3	531.9	552.4	553.9	565.7	574.5	583.3
47.5°	2023.1	1579.4	838.9	561.2	455.5	470.2	492.2	492.2	486.3	468.7	462.8
50°	2046.6	1586.8	799.3	506.9	404.0	414.3	437.8	424.6	411.4	374.7	370.2
52.5°	2067.2	1614.7	752.2	454.0	360.0	370.2	393.8	373.2	346.7	317.4	312.9
55°	2033.4	1616.1	665.6	395.2	329.1	337.9	360.0	335.0	310.0	292.4	289.4
57.5°	1932.0	1572.1	574.5	349.7	302.7	311.5	332.0	307.1	283.6	282.1	289.4
60°	1708.7	1417.8	490.7	320.3	277.7	288.0	308.5	282.1	251.2	238.0	242.4
62.5°	1290.0	1090.2	420.2	286.5	254.2	267.4	282.1	239.5	213.0	207.2	201.3
65°	*943.2*	*837.5*	*377.6*	*260.1*	*232.1*	*248.3*	*236.5*	*213.0*	*195.4*	*189.5*	*186.6*
67.5°	609.7	568.6	324.7	235.1	211.6	224.8	208.6	196.9	177.8	174.8	179.2
70°	373.2	386.4	271.8	207.2	191.0	188.1	191.0	179.2	158.7	163.1	169.0
72.5°	264.5	285.0	233.6	180.7	163.1	157.2	170.4	163.1	148.4	152.8	158.7
75°	189.5	211.6	192.5	148.4	138.1	135.2	158.7	163.1	152.8	155.7	160.1
77.5°	111.7	135.2	136.6	114.6	104.3	120.5	169.0	188.1	180.7	171.9	167.5
80°	72.0	80.8	97.0	73.5	73.5	104.3	185.1	229.2	196.9	174.8	171.9
82.5°	36.7	42.6	63.2	47.0	44.1	77.9	182.2	218.9	217.4	193.9	189.5
85°	10.3	13.2	29.4	20.6	17.6	41.1	136.6	164.6	146.9	107.3	108.7
87.5°	1.5	1.5	0.0	0.0	1.5	5.9	16.2	2.9	2.9	2.9	2.9
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

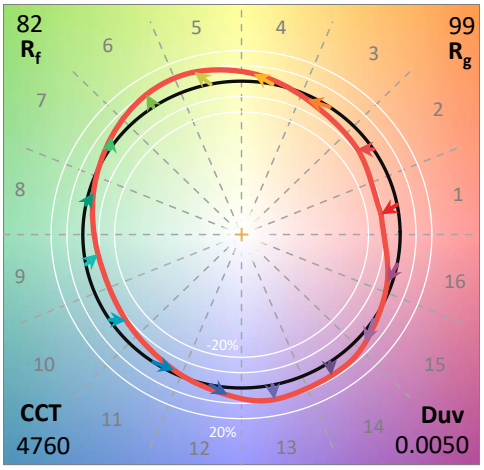
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

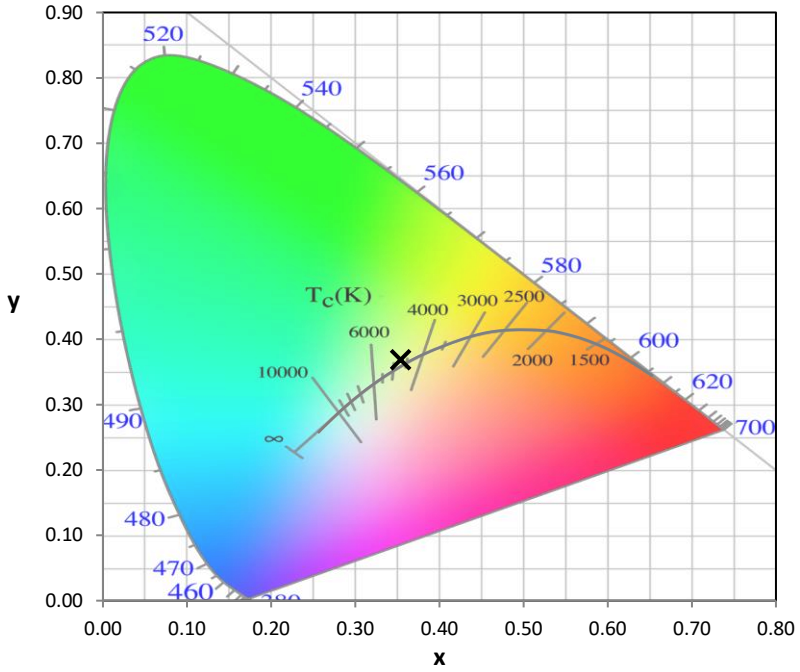
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

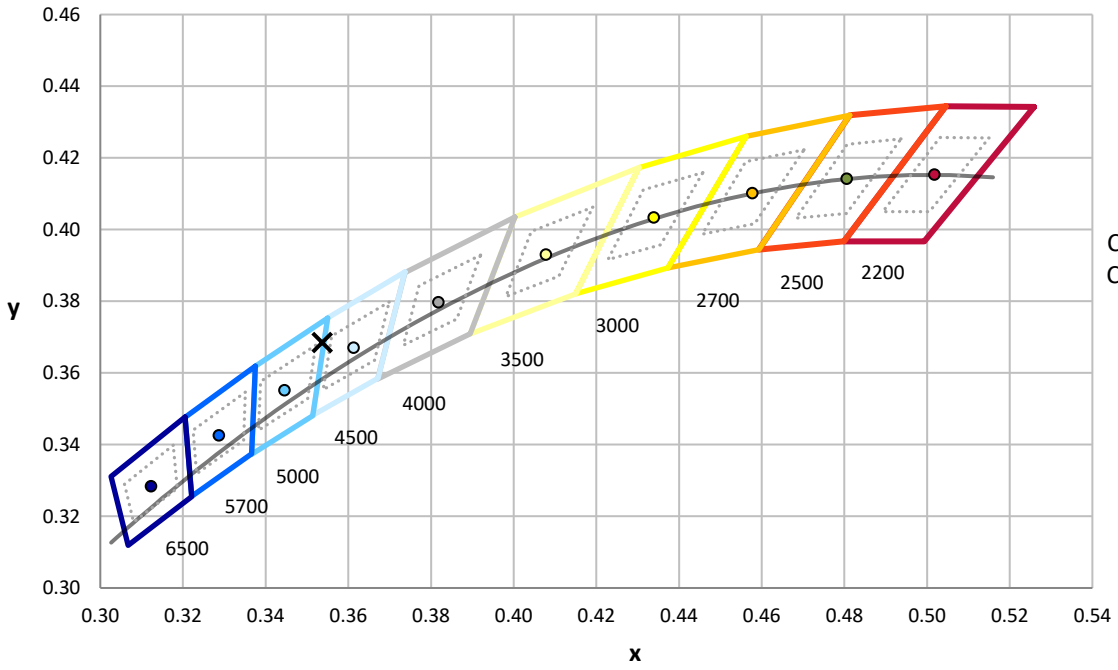
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

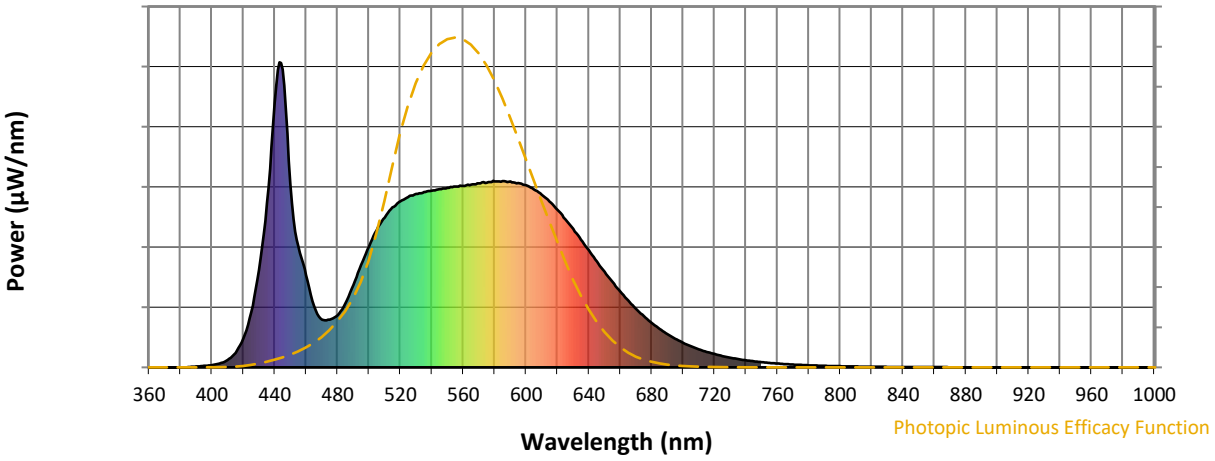


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

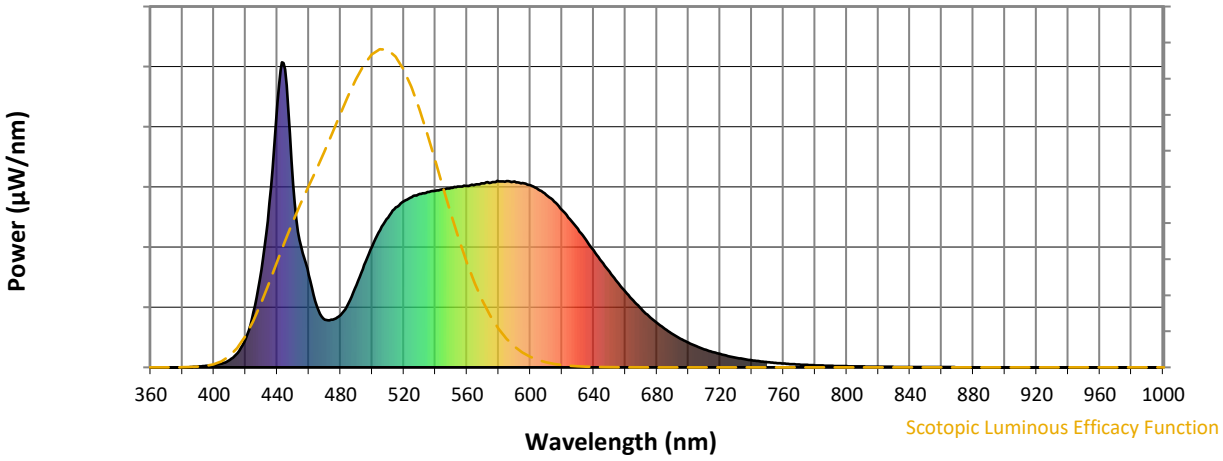


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

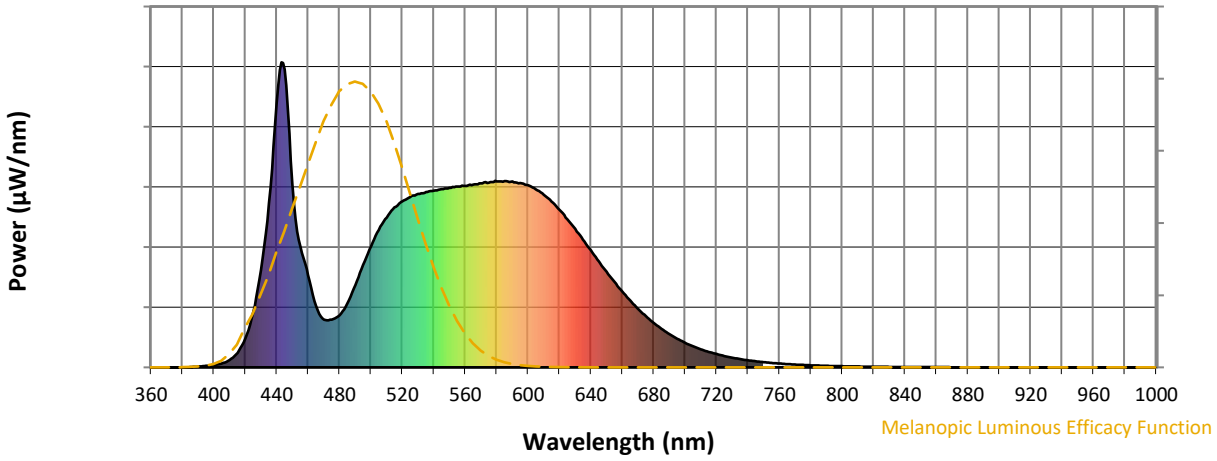


Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

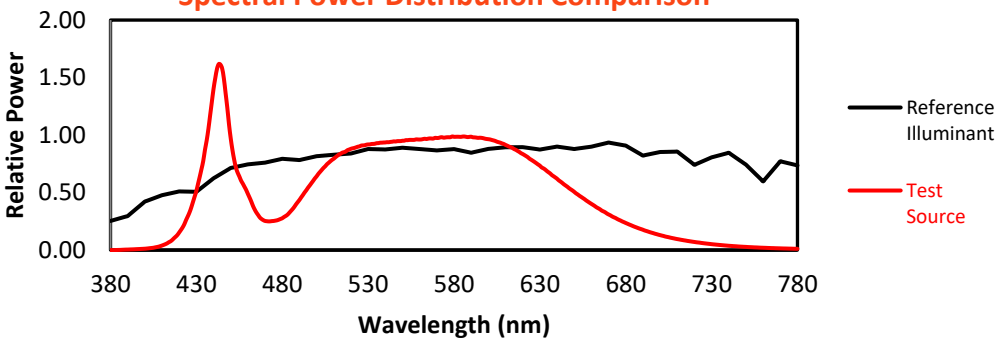
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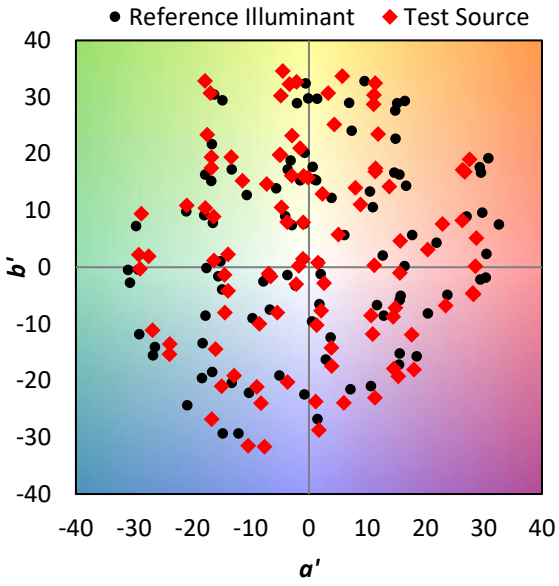
Summary

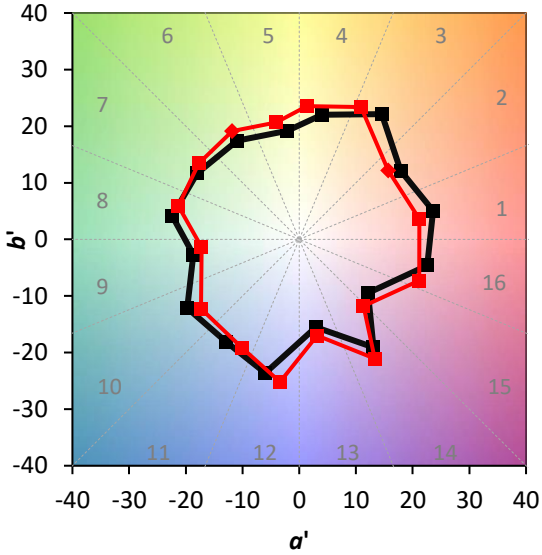
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R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

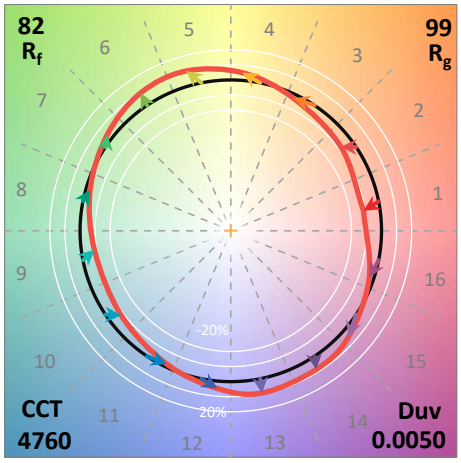
Spectral Power Distribution Comparison

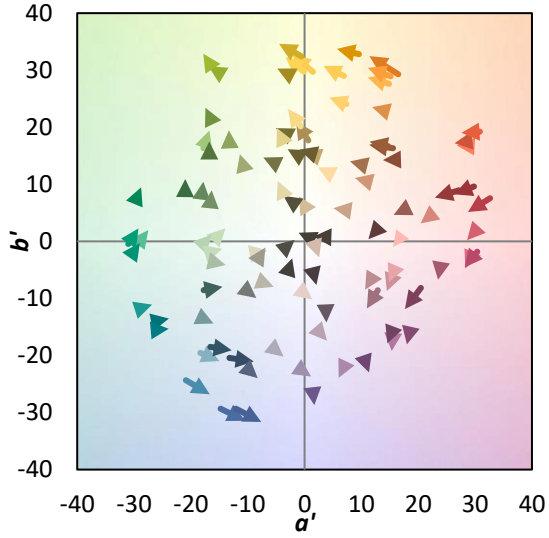


Color Vector Graphics







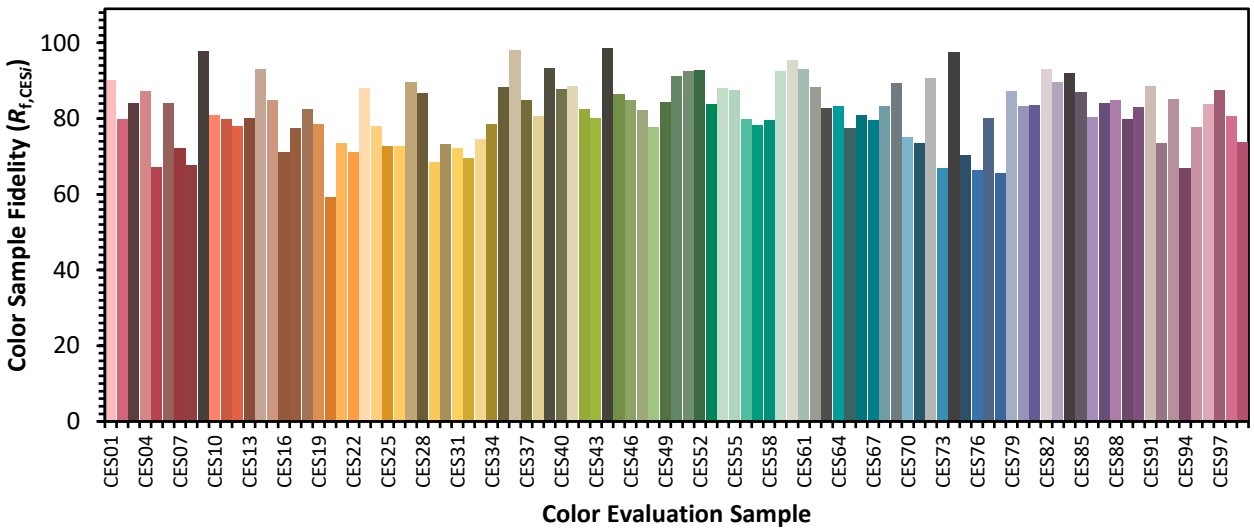


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Individual Sample Fidelity Index ($R_{f,i}$)

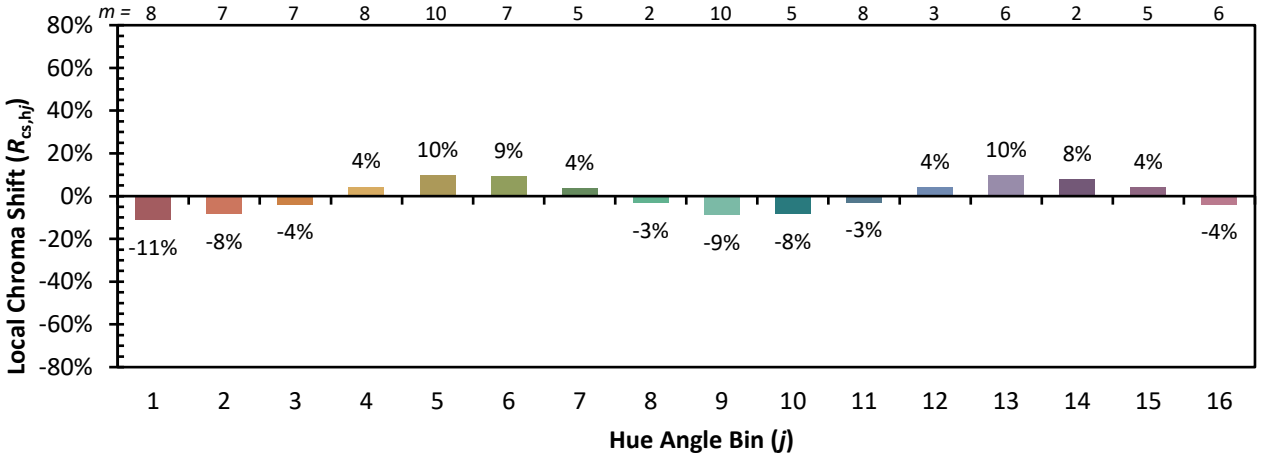
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
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CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

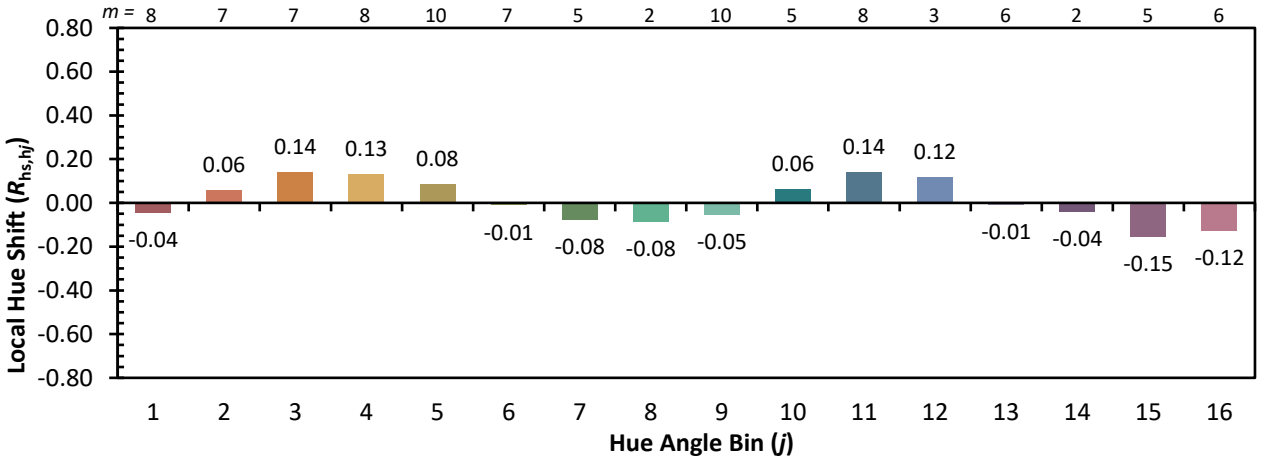


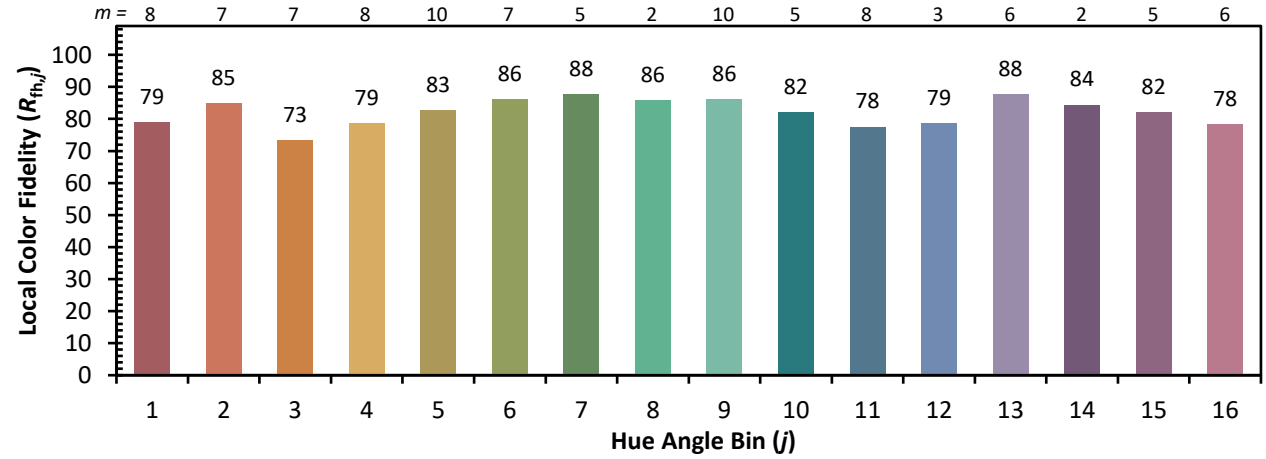
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Color Rendition by Hue-Angle Bin



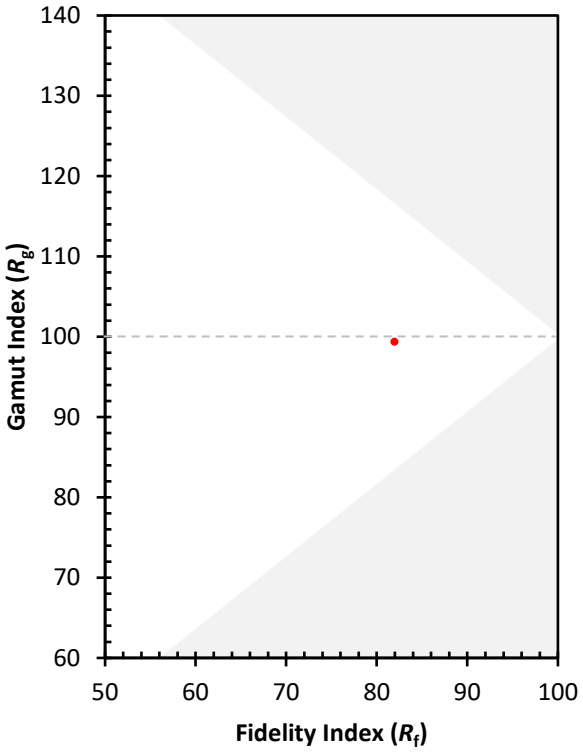


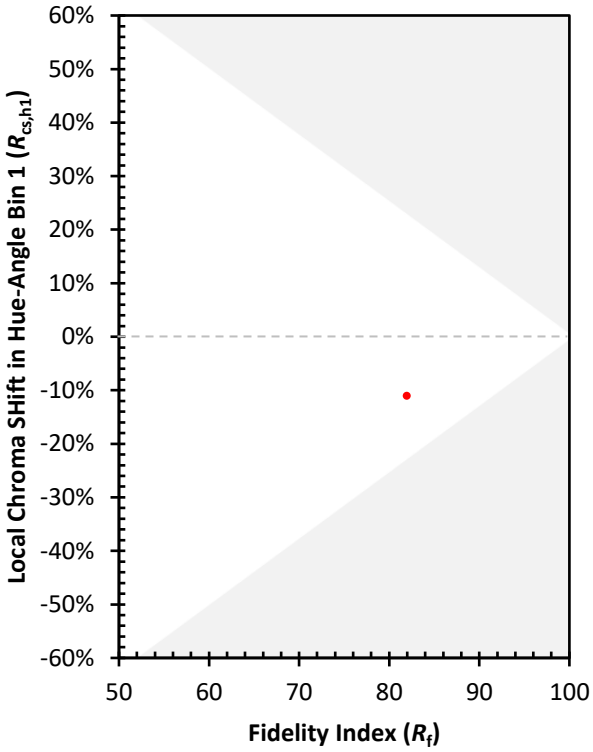


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Measure Comparisons





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