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: P1500824

Luminaire Tested: GSS-SB1D-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:	P1500824
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1D-850-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 76W 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:	8918 lumens
Efficiency:	N/A
Efficacy:	117.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

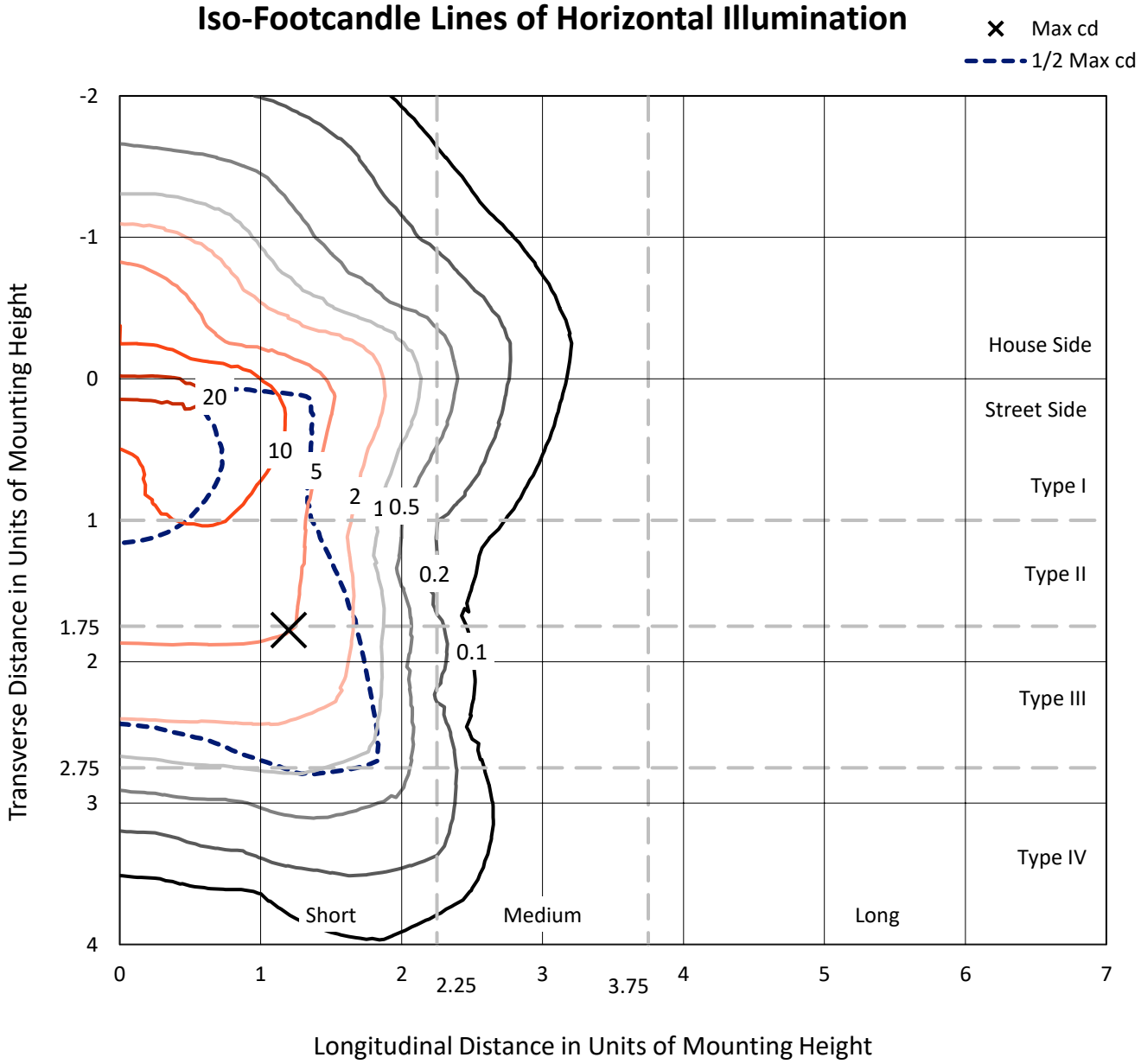
Input Watts (W):	76
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500824
CATALOG NUMBER: GSS-SB1D-850-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



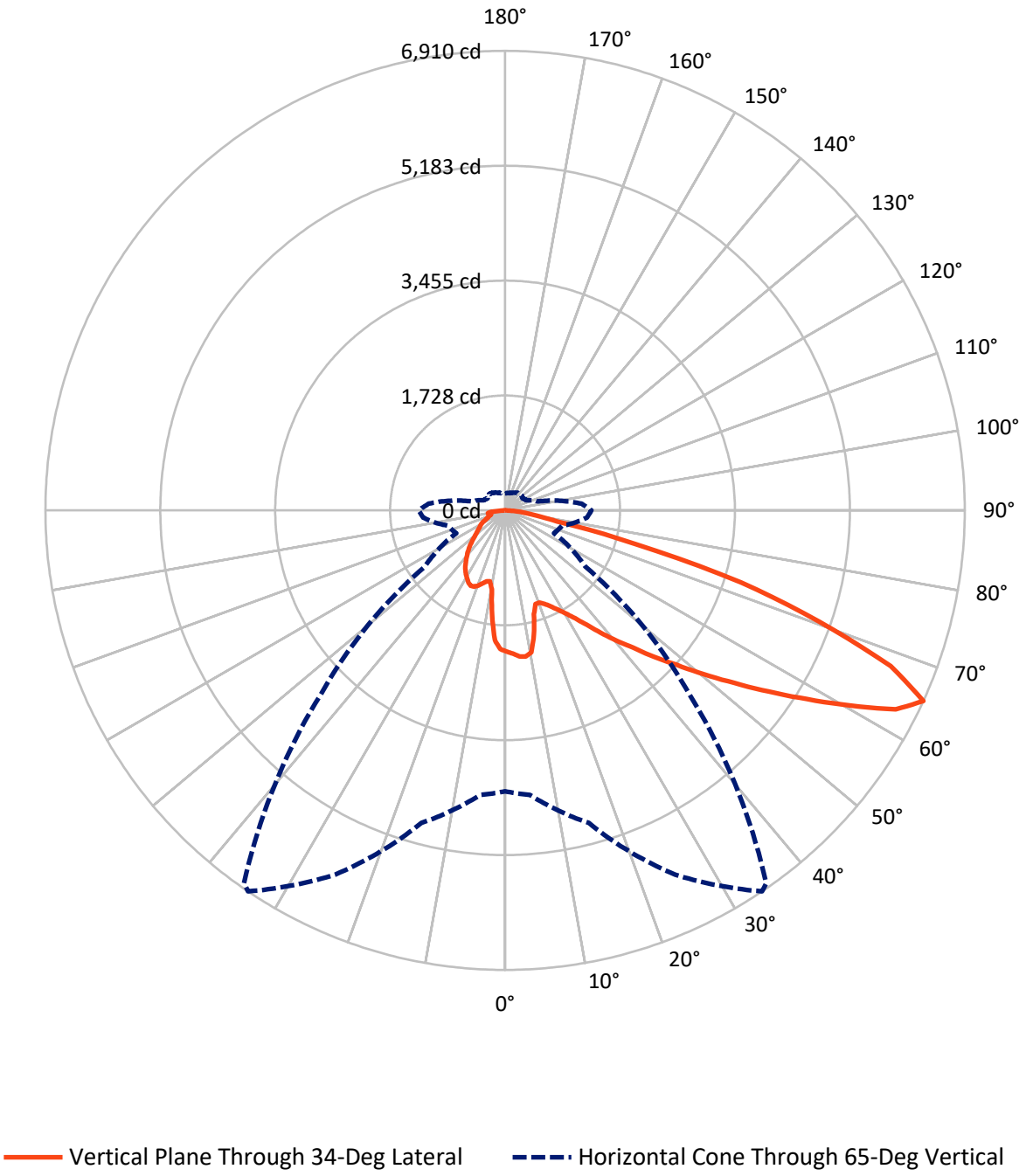
Based on 10 foot mounting height. Maximum calculated value = 22.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1500824
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Luminous Intensity Polar Plot



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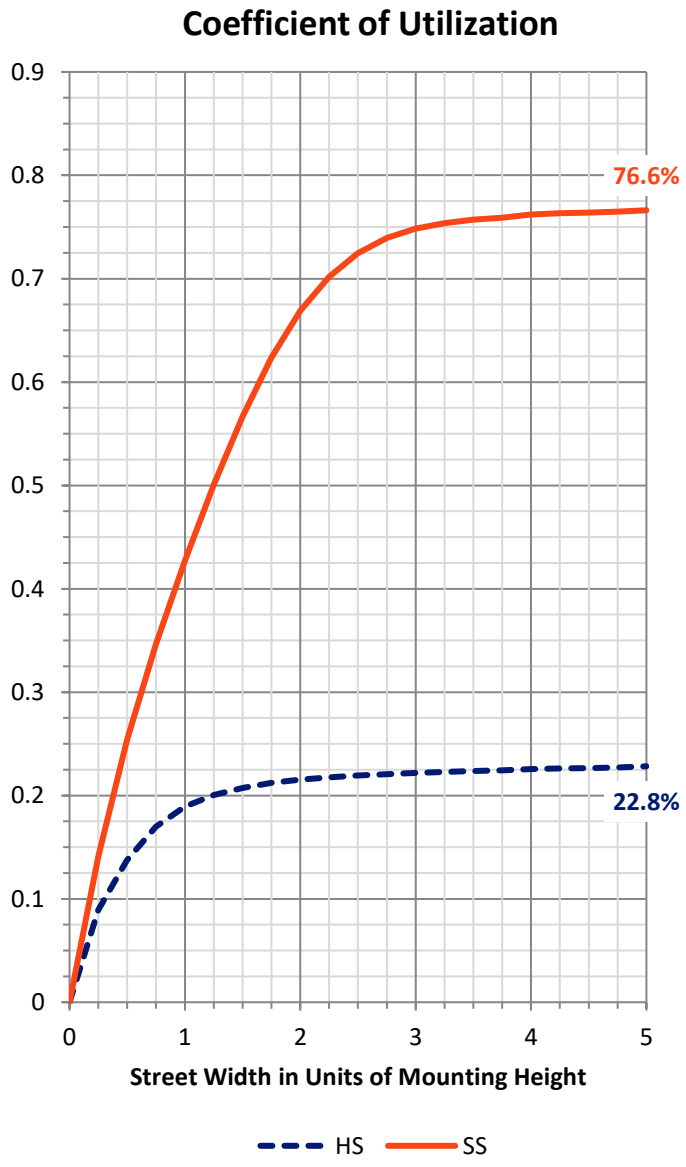
REPORT NUMBER: P1500824
CATALOG NUMBER: GSS-SB1D-850-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2074.8	0.0	2074.8
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	6843.2	0.0	6843.2
	% Fixture	76.7	0.0	76.7
Total	Lumens	8918.0	0.0	8918.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.1	2.1
10°-20°	481.1	5.4
20°-30°	797.5	8.9
30°-40°	1199.3	13.4
40°-50°	1680.2	18.8
50°-60°	2118.5	23.8
60°-70°	1822.1	20.4
70°-80°	541.7	6.1
80°-90°	86.4	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°	8918.0	100.0
0°-180°	8918.0	100.0



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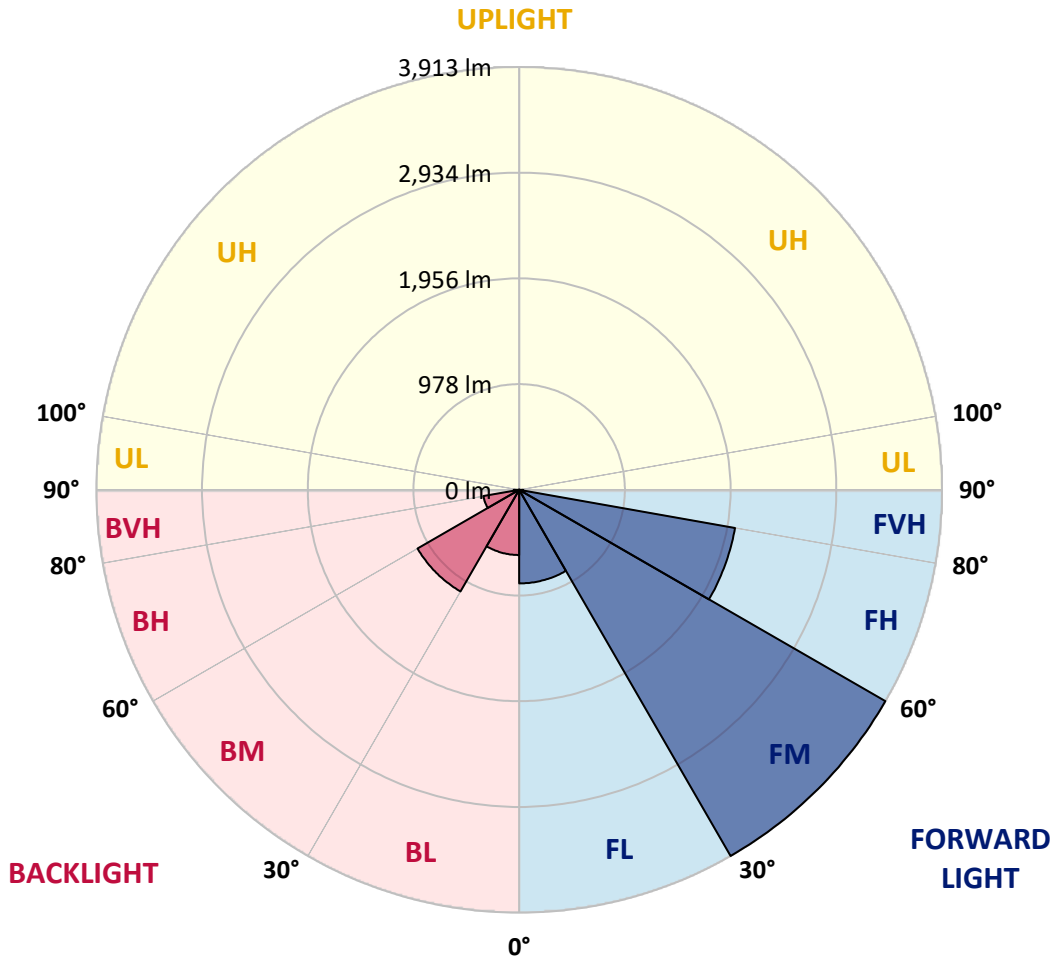
Scaled Data Report

REPORT NUMBER: P1500824
CATALOG NUMBER: GSS-SB1D-850-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	866.0	9.7			
FM	(30°-60°)	3912.6	43.9			
FH	(60°-80°)	2028.0	22.7			G2/5000
FVH	(80°-90°)	36.6	0.4			G1/100
BL	(0°-30°)	603.7	6.8	B2/1000		
BM	(30°-60°)	1085.5	12.2	B2/2500		
BH	(60°-80°)	335.8	3.8	B1/500		G1/500
BVH	(80°-90°)	49.9	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	2120.3	2120.3	2120.3	2120.3	*2120.3*	2120.3	2120.3	2120.3	2120.3	2120.3	2120.3
2.5°	2160.7	2172.8	2158.7	2152.6	*2154.6*	2156.6	2146.5	2148.6	2136.4	2136.4	2126.4
5°	2207.1	2209.1	2201.1	2207.1	*2205.1*	2203.1	2203.1	2201.1	2174.8	2168.8	2158.7
7.5°	2180.9	2189.0	2193.0	2215.2	*2221.3*	2233.4	2241.5	2245.5	2225.3	2209.1	2182.9
10°	1940.6	1946.6	1993.1	2094.0	*2170.8*	2184.9	2259.6	2302.0	2287.9	2279.8	2235.4
12.5°	1550.8	1560.9	1613.4	1744.7	*1924.4*	1962.8	2201.1	2344.4	2376.7	2378.8	2314.1
15°	1383.2	1383.2	1399.4	1474.1	*1619.5*	1649.8	2001.2	2356.6	2471.7	2485.8	2407.0
17.5°	1348.9	1346.9	1357.0	1401.4	*1478.1*	1496.3	1771.0	2294.0	2584.7	2609.0	2508.0
20°	1346.9	1340.8	1361.0	1411.5	*1478.1*	1494.3	1663.9	2184.9	2673.6	2750.3	2609.0
22.5°	1348.9	1348.9	1377.2	1449.9	*1526.6*	1540.7	1684.1	2094.0	2746.3	2897.7	2716.0
25°	1371.1	1367.1	1407.5	1496.3	*1601.3*	1611.4	1766.9	2090.0	2808.9	3063.3	2845.2
27.5°	1407.5	1409.5	1464.0	1571.0	*1690.2*	1710.4	1882.0	2176.8	2885.6	3245.1	2970.4
30°	1484.2	1486.2	1550.8	1659.9	*1797.2*	1823.5	2015.3	2306.1	2994.7	3440.9	3105.7
32.5°	1571.0	1581.1	1659.9	1787.1	*1934.5*	1948.7	2178.9	2499.9	3158.2	3636.8	3251.1
35°	1716.4	1726.5	1815.4	1948.7	*2112.2*	2132.4	2378.8	2724.1	3358.1	3834.7	3364.2
37.5°	1904.2	1912.3	1999.1	2160.7	*2334.3*	2354.5	2600.9	2962.4	3560.1	3992.2	3465.2
40°	2128.4	2146.5	2239.4	2396.9	*2572.6*	2584.7	2843.2	3192.6	3778.2	4101.3	3505.6
42.5°	2372.7	2390.9	2485.8	2659.5	*2821.0*	2857.3	3105.7	3436.9	3955.9	4149.7	3473.2
45°	2685.7	2681.7	2770.5	2952.3	*3142.1*	3156.2	3386.4	3638.8	4062.9	4109.3	3440.9
47.5°	3065.3	3069.4	3125.9	3273.3	*3469.2*	3501.5	3679.2	3812.5	4125.5	4077.0	3404.6
50°	3493.4	3503.5	3552.0	3659.0	*3869.0*	3891.2	3943.7	3933.7	4163.9	4008.4	3418.7
52.5°	3921.5	3927.6	3992.2	4105.3	*4309.2*	4325.4	4210.3	4026.5	4020.5	3731.7	3388.4
55°	4272.9	4270.9	4386.0	4559.6	*4808.0*	4797.9	4472.8	3955.9	3572.2	3301.6	3253.1
57.5°	4577.8	4589.9	4739.4	5040.2	*5353.2*	5345.2	4753.5	3582.3	2917.9	2792.7	3033.0
60°	4852.4	4880.7	5161.4	5611.7	*5957.0*	5908.6	4804.0	3018.9	2269.7	2186.9	2596.9
62.5°	4733.3	4785.8	5236.1	6114.5	*6589.1*	6482.0	4493.0	2338.4	1536.7	1462.0	1835.6
65°	*4224.4*	*4295.1*	*4866.6*	*6041.8*	*6910.1*	*6843.5*	*3927.6*	*1470.1*	*809.8*	*888.5*	*1235.8*
67.5°	3548.0	3632.8	4250.7	5428.0	*6251.8*	6108.5	3051.2	773.4	377.6	585.6	767.3
70°	1944.6	2154.6	3073.4	4616.2	*5007.9*	4808.0	1764.9	365.5	274.6	365.5	458.4
72.5°	731.0	781.5	1332.8	3103.7	*3709.5*	3463.1	670.4	236.3	230.2	270.6	331.2
75°	351.4	375.6	579.5	1411.5	*2025.4*	1888.1	329.2	175.7	197.9	212.0	240.3
77.5°	210.0	226.2	361.5	819.8	*797.6*	733.0	201.9	135.3	159.5	151.4	141.4
80°	125.2	139.3	220.1	466.5	*480.6*	426.1	123.2	94.9	111.1	96.9	86.8
82.5°	72.7	78.8	115.1	210.0	*304.9*	280.7	70.7	56.5	80.8	64.6	48.5
85°	36.3	38.4	52.5	90.9	*151.4*	115.1	30.3	26.3	38.4	28.3	16.2
87.5°	8.1	8.1	8.1	10.1	*14.1*	14.1	4.0	2.0	2.0	2.0	2.0
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: P1500824
CATALOG NUMBER: GSS-SB1D-850-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2120.3	2120.3	2120.3	2120.3	2120.3	2120.3	2120.3	2120.3	2120.3	2120.3	2120.3
2.5°	2124.3	2128.4	2114.2	2098.1	2094.0	2081.9	2086.0	2077.9	2065.8	2067.8	2069.8
5°	2144.5	2136.4	2108.2	2071.8	2039.5	2003.2	1960.8	1912.3	1878.0	1863.8	1876.0
7.5°	2162.7	2154.6	2106.2	2025.4	1916.3	1764.9	1607.4	1464.0	1365.1	1328.7	1336.8
10°	2213.2	2180.9	2092.0	1916.3	1655.8	1369.1	1209.6	1120.7	1090.4	1074.3	1076.3
12.5°	2279.8	2235.4	2065.8	1726.5	1332.8	1151.0	1094.5	1074.3	1064.2	1060.1	1064.2
15°	2360.6	2291.9	2003.2	1488.2	1183.3	1112.6	1100.5	1102.6	1102.6	1104.6	1104.6
17.5°	2431.3	2324.2	1890.1	1316.6	1153.0	1132.8	1145.0	1155.1	1155.1	1157.1	1155.1
20°	2495.9	2340.4	1744.7	1243.9	1159.1	1169.2	1197.5	1207.6	1209.6	1207.6	1207.6
22.5°	2564.5	2350.5	1599.3	1203.5	1173.2	1203.5	1233.8	1247.9	1252.0	1254.0	1256.0
25°	2631.2	2330.3	1480.2	1171.2	1167.2	1209.6	1243.9	1262.1	1266.1	1266.1	1268.1
27.5°	2697.8	2324.2	1399.4	1128.8	1138.9	1173.2	1213.6	1237.8	1254.0	1256.0	1258.0
30°	2774.6	2306.1	1322.7	1072.3	1076.3	1118.7	1161.1	1203.5	1235.8	1250.0	1250.0
32.5°	2827.1	2287.9	1254.0	1011.7	1011.7	1056.1	1108.6	1161.1	1207.6	1235.8	1241.9
35°	2877.5	2271.7	1193.4	951.1	953.1	995.5	1050.1	1106.6	1165.2	1199.5	1215.6
37.5°	2903.8	2255.6	1151.0	904.7	896.6	941.0	977.4	1023.8	1086.4	1142.9	1157.1
40°	2909.9	2255.6	1147.0	872.3	838.0	888.5	904.7	937.0	993.5	1054.1	1076.3
42.5°	2869.5	2233.4	1167.2	852.2	777.4	813.8	832.0	848.1	884.5	934.9	953.1
45°	2821.0	2203.1	1185.3	823.9	702.7	731.0	759.3	761.3	777.4	789.6	801.7
47.5°	2780.6	2170.8	1153.0	771.4	626.0	646.2	676.5	676.5	668.4	644.2	636.1
50°	2812.9	2180.9	1098.5	696.7	555.3	569.5	601.8	583.6	565.4	514.9	508.9
52.5°	2841.2	2219.2	1033.9	624.0	494.7	508.9	541.2	512.9	476.6	436.2	430.1
55°	2794.7	2221.3	914.8	543.2	452.3	464.4	494.7	460.4	426.1	401.8	397.8
57.5°	2655.4	2160.7	789.6	480.6	416.0	428.1	456.4	422.0	389.7	387.7	397.8
60°	2348.5	1948.7	674.5	440.2	381.7	395.8	424.1	387.7	345.3	327.1	333.2
62.5°	1773.0	1498.3	577.5	393.8	349.3	367.5	387.7	329.2	292.8	284.7	276.6
65°	*1296.4*	*1151.0*	*519.0*	*357.4*	*319.1*	*341.3*	*325.1*	*292.8*	*268.6*	*260.5*	*256.5*
67.5°	838.0	781.5	446.3	323.1	290.8	309.0	286.7	270.6	244.3	240.3	246.4
70°	512.9	531.1	373.6	284.7	262.5	258.5	262.5	246.4	218.1	224.1	232.2
72.5°	363.5	391.7	321.1	248.4	224.1	216.1	234.2	224.1	204.0	210.0	218.1
75°	260.5	290.8	264.5	204.0	189.8	185.8	218.1	224.1	210.0	214.0	220.1
77.5°	153.5	185.8	187.8	157.5	143.4	165.6	232.2	258.5	248.4	236.3	230.2
80°	98.9	111.1	133.3	101.0	101.0	143.4	254.4	315.0	270.6	240.3	236.3
82.5°	50.5	58.6	86.8	64.6	60.6	107.0	250.4	300.9	298.9	266.6	260.5
85°	14.1	18.2	40.4	28.3	24.2	56.5	187.8	226.2	201.9	147.4	149.4
87.5°	2.0	2.0	0.0	0.0	2.0	8.1	22.2	4.0	4.0	4.0	4.0
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

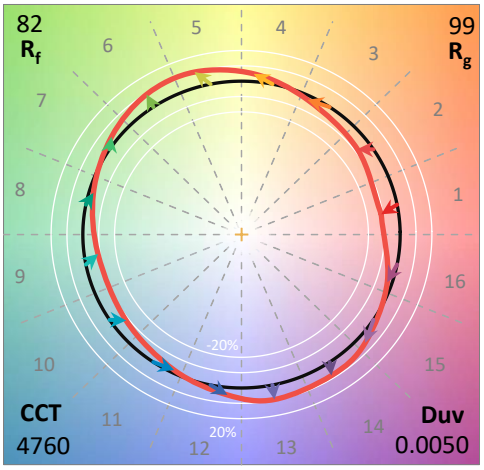
Test Information

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

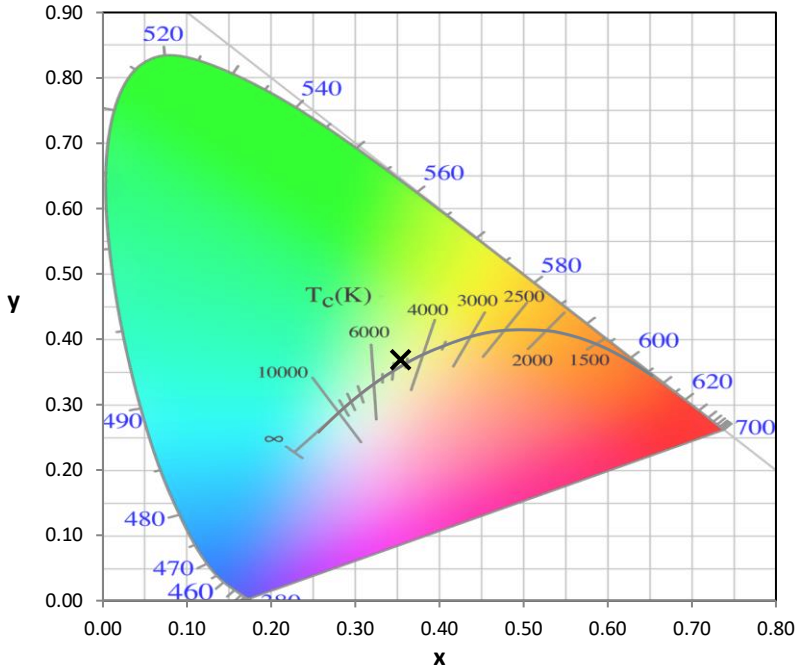
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

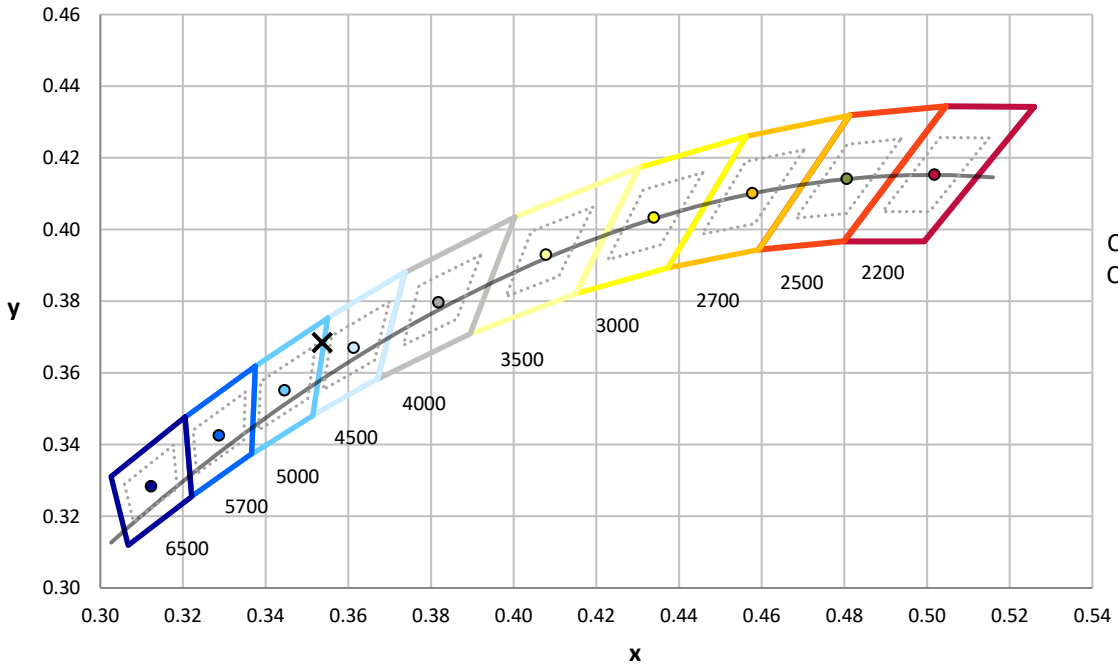
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

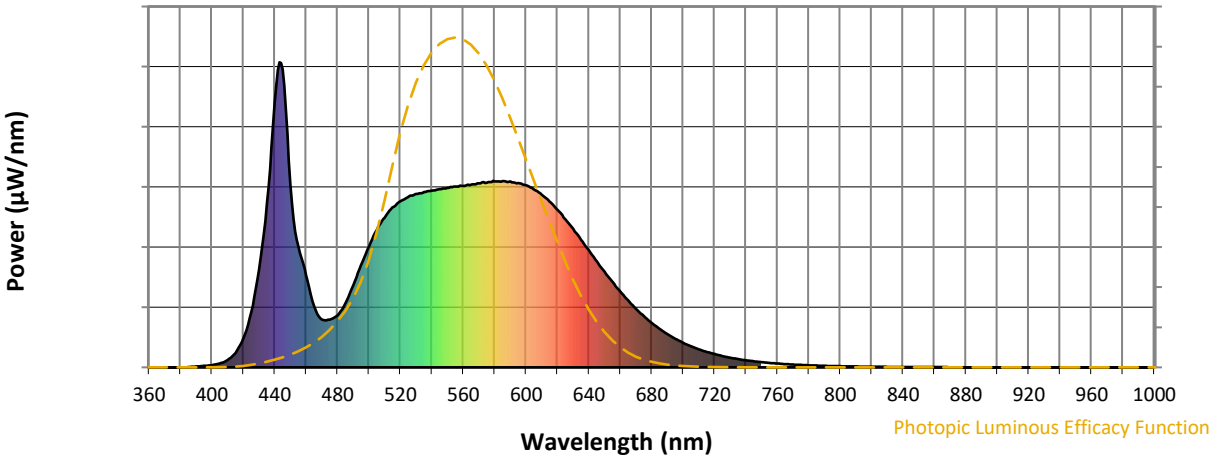


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

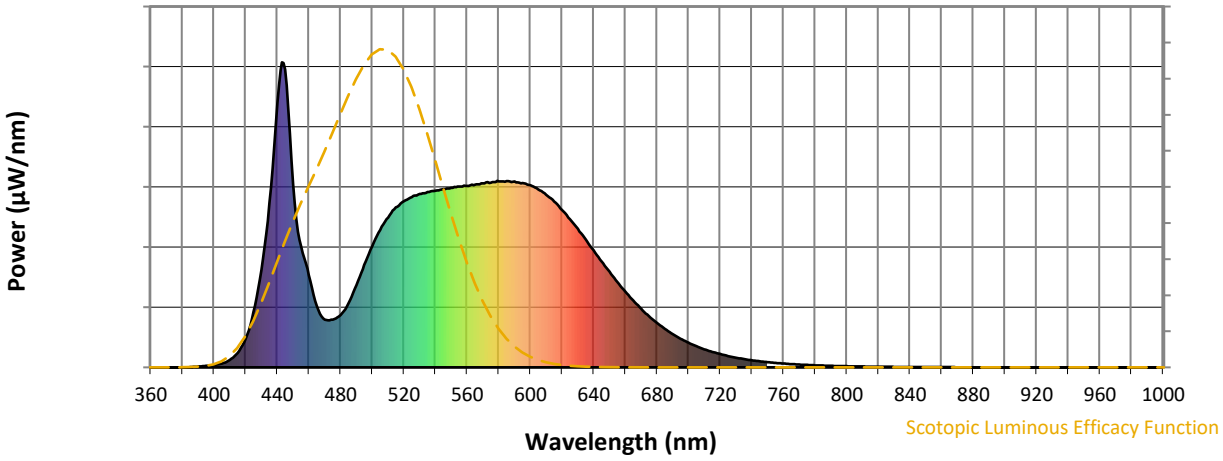


Photopic Lumens: NR

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

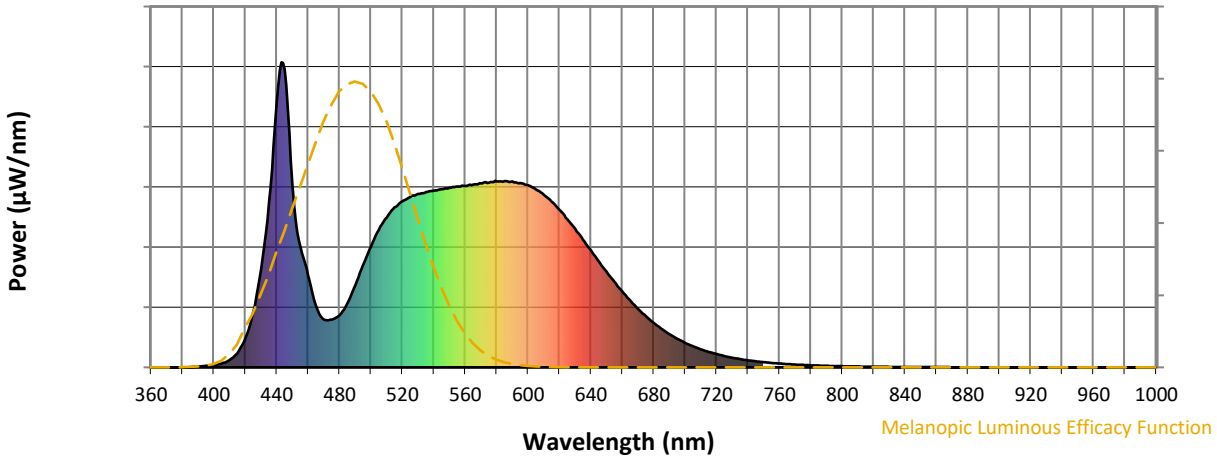


Scotopic Lumens: NR **S/P: 1.83**

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			

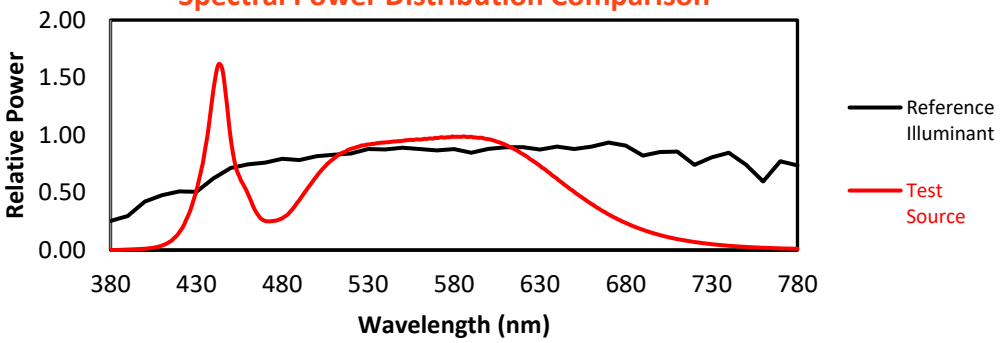
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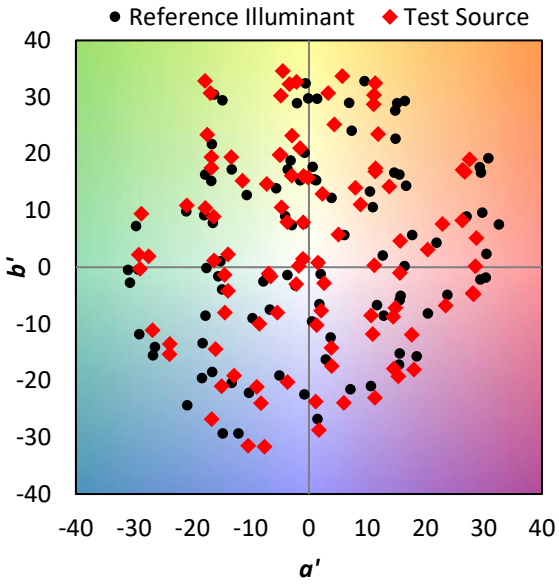
Summary

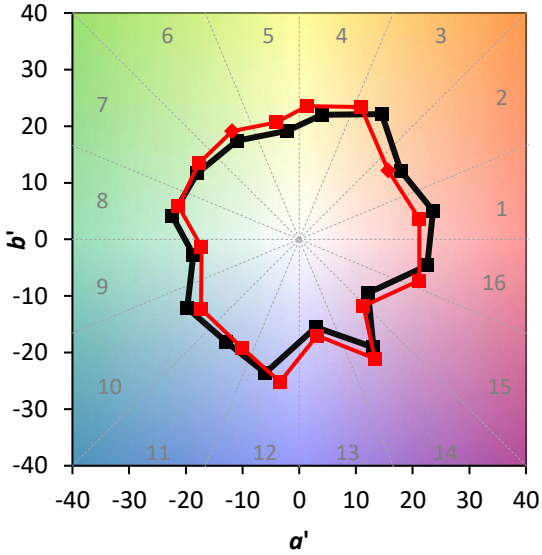
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R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

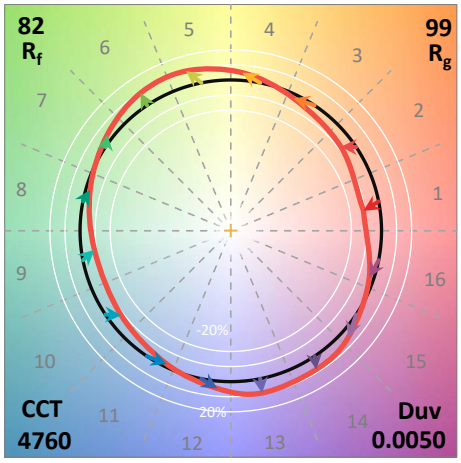
Spectral Power Distribution Comparison

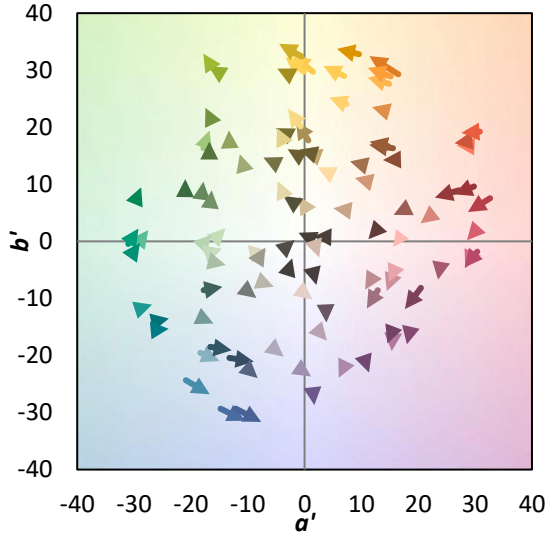


Color Vector Graphics







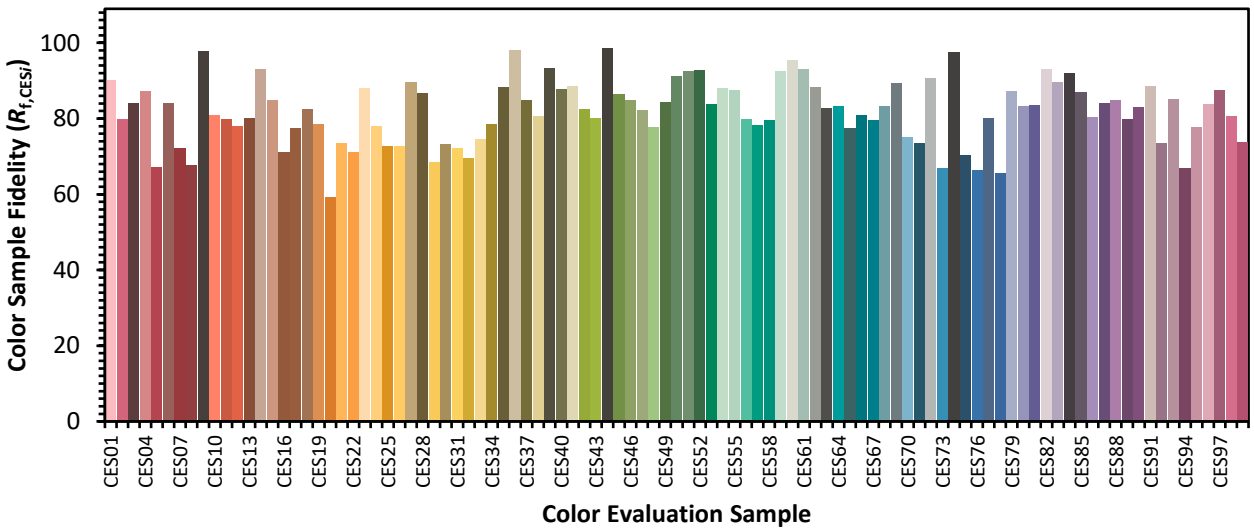


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Individual Sample Fidelity Index ($R_{f,i}$)

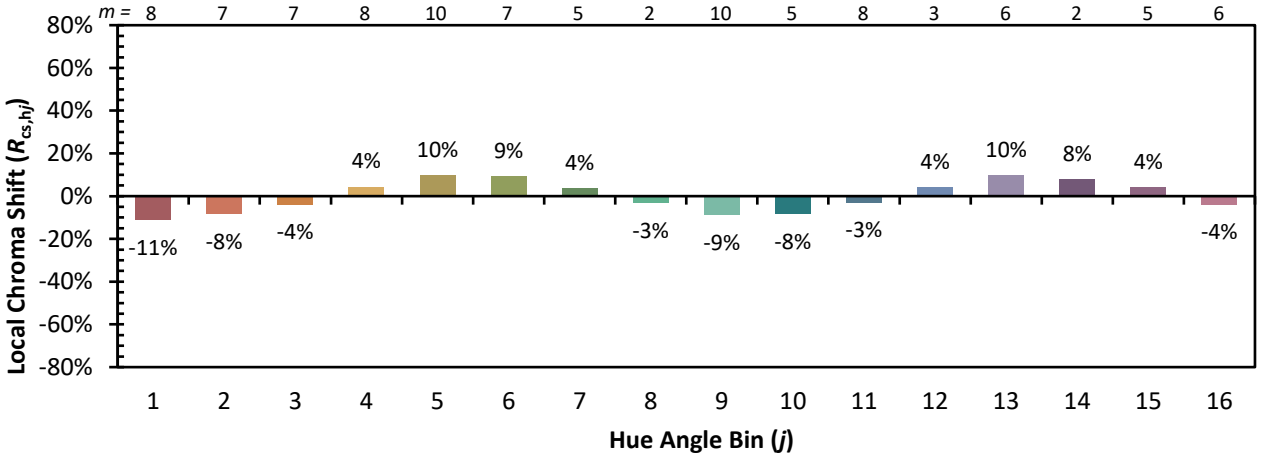
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 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	

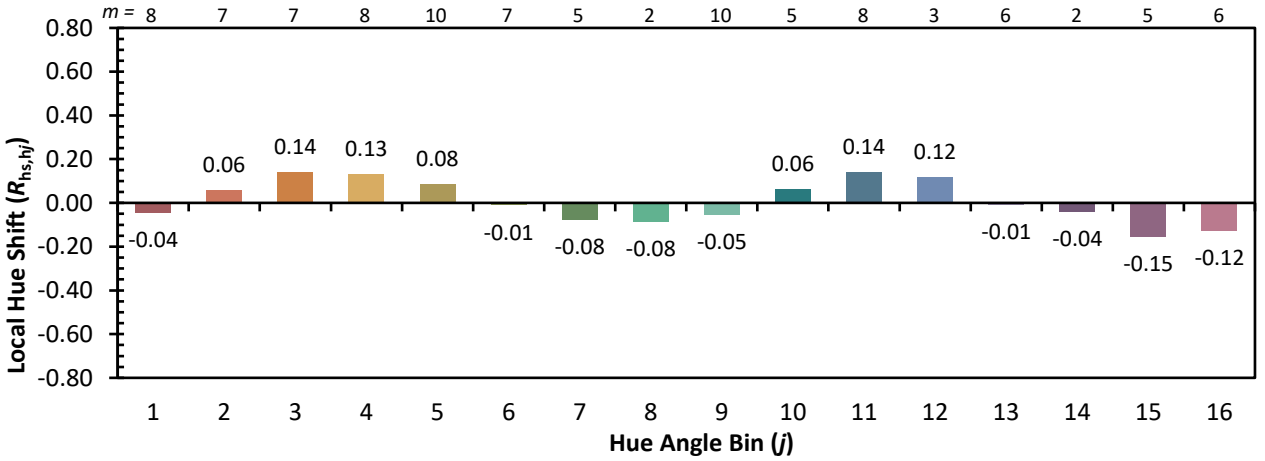


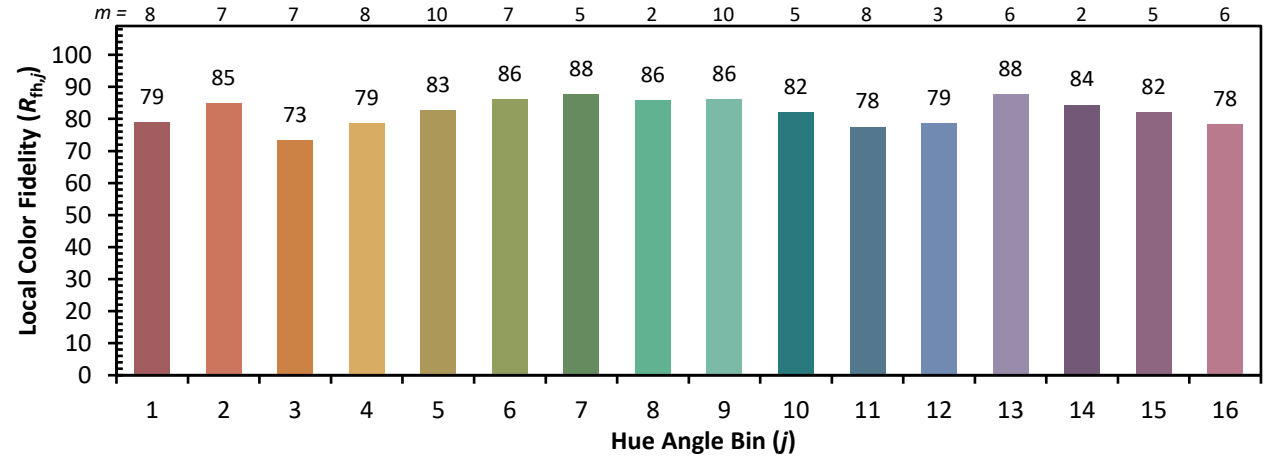
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Color Rendition by Hue-Angle Bin



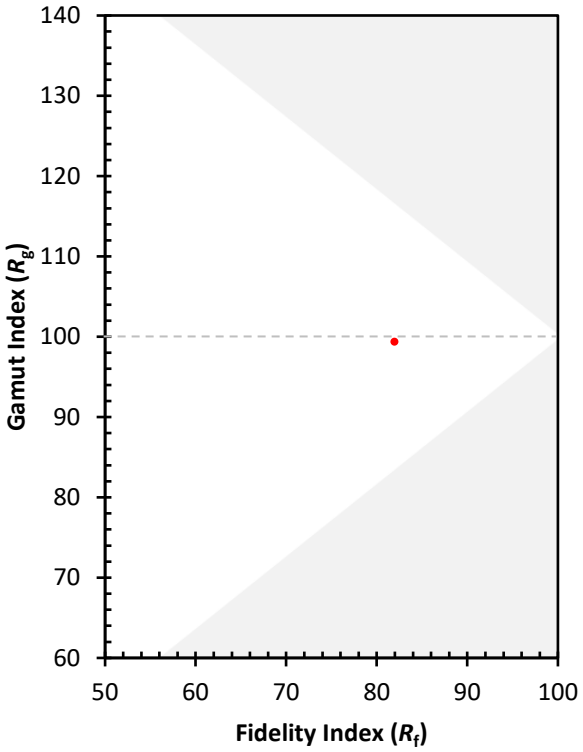


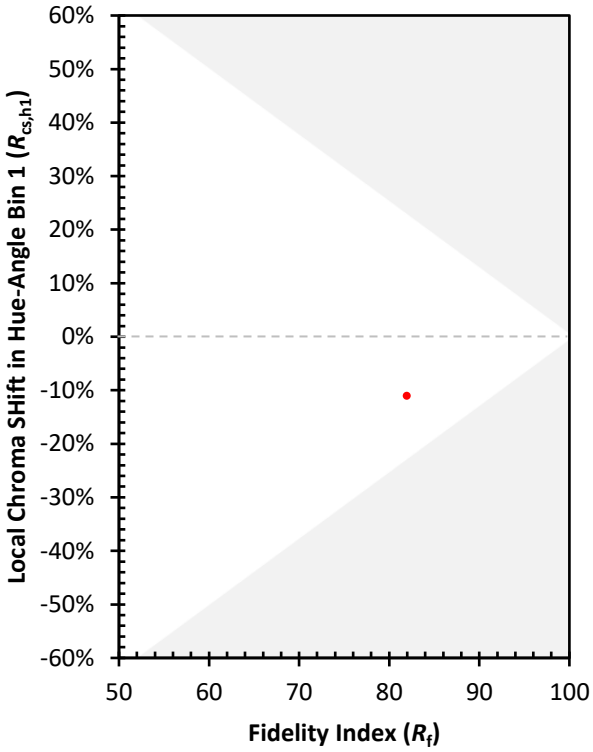


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Measure Comparisons





(END OF REPORT)