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: P1502722

Luminaire Tested: GSS-SB2B-840-U-T4LG-HSS

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:	P1502722
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2B-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 74W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8077.9 lumens
Efficiency:	N/A
Efficacy:	109.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

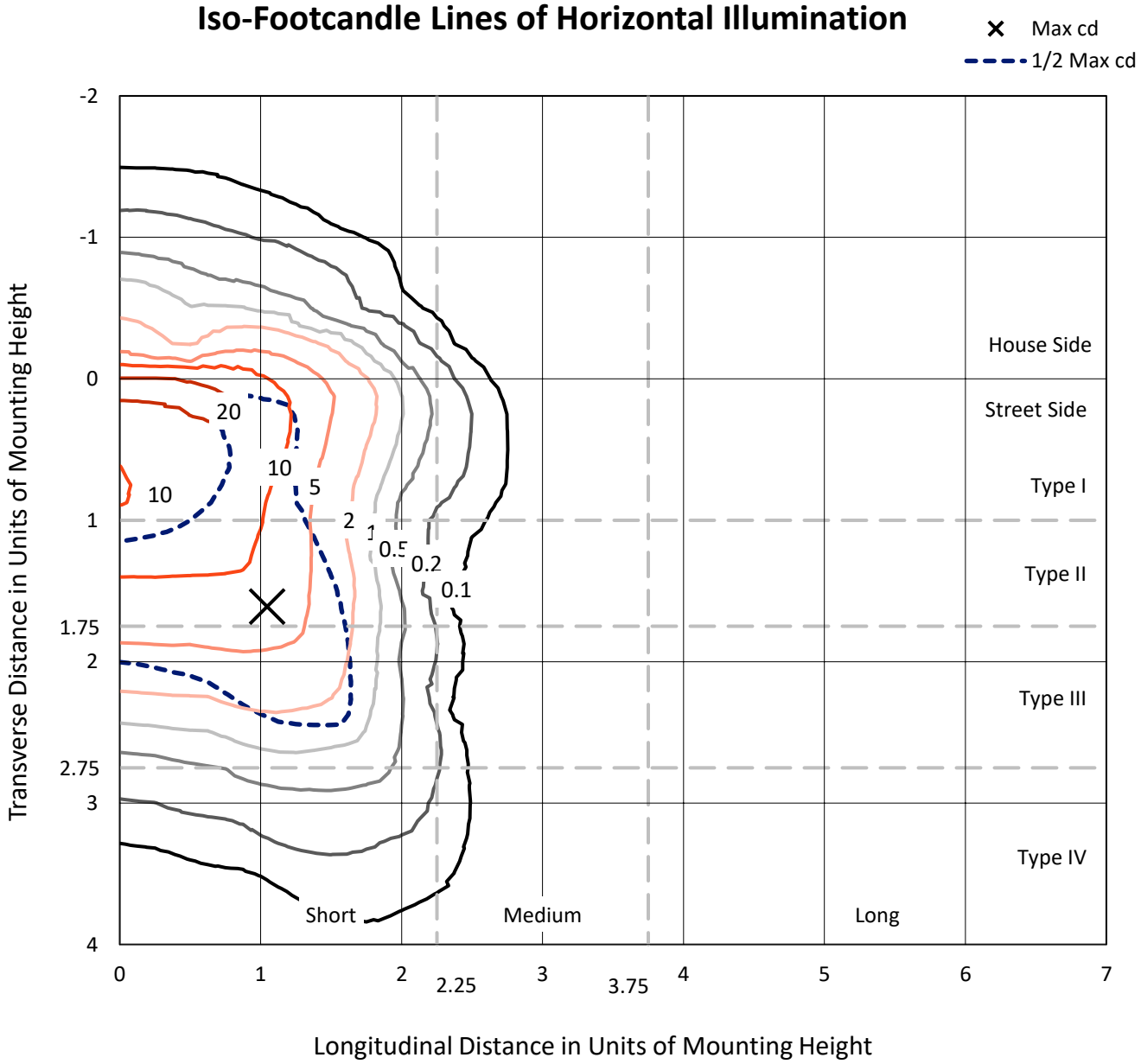
Input Watts (W):	74
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502722
CATALOG NUMBER: GSS-SB2B-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



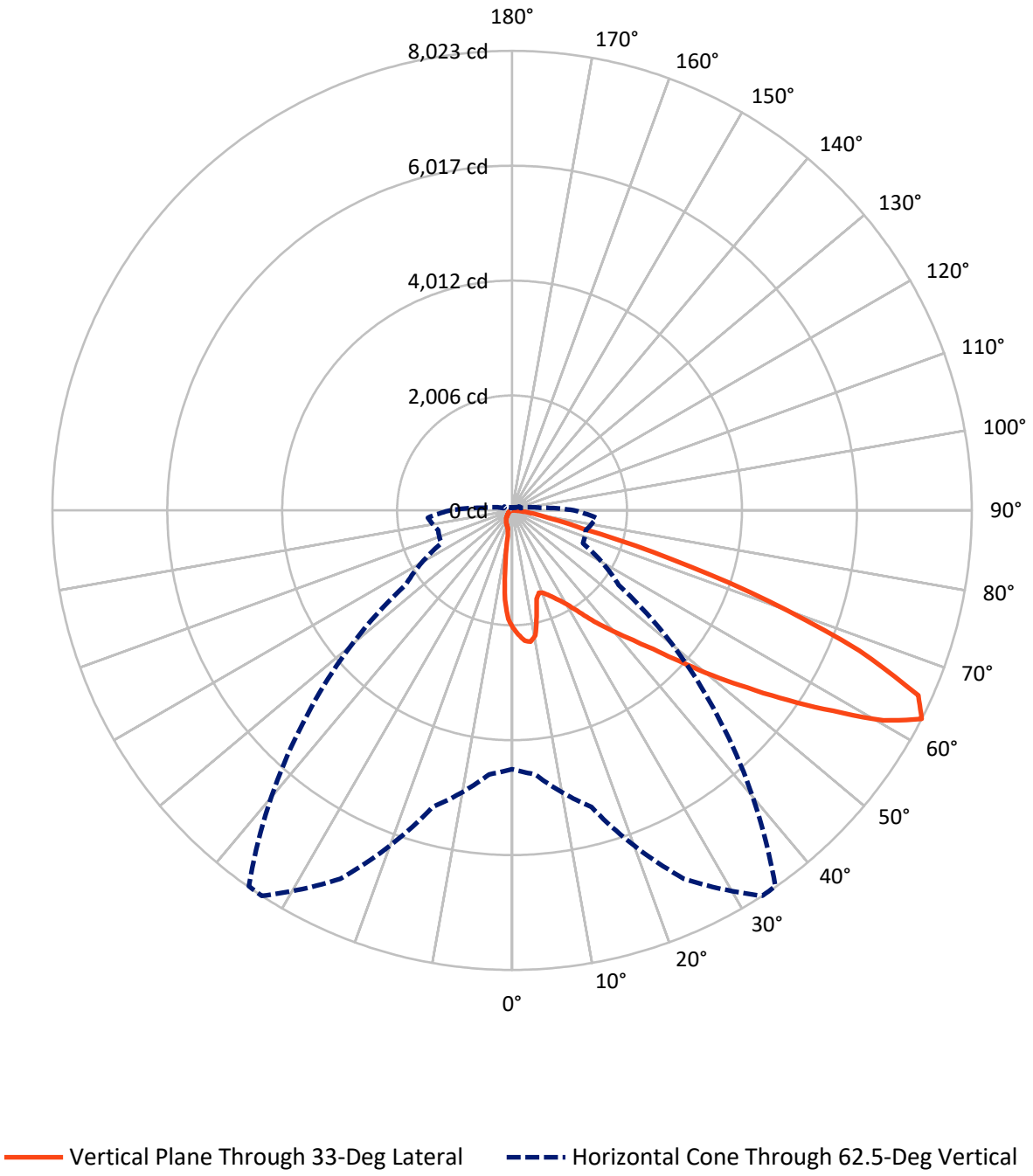
Based on 10 foot mounting height. Maximum calculated value = 24.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502722
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Luminous Intensity Polar Plot



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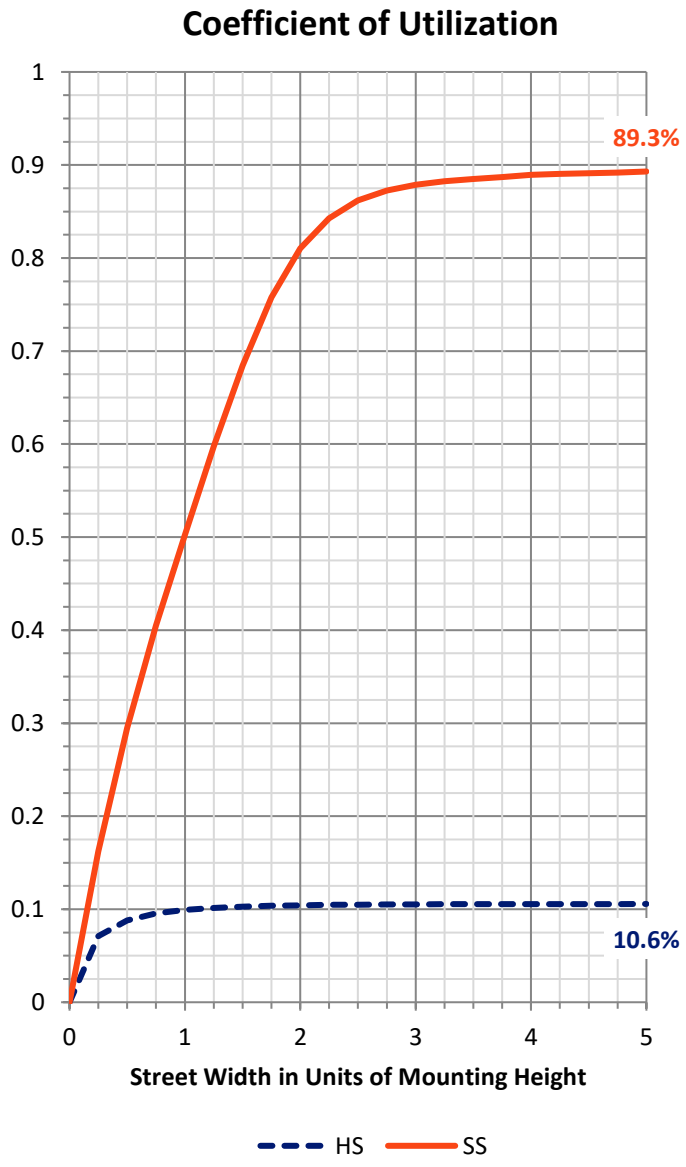
REPORT NUMBER: P1502722
CATALOG NUMBER: GSS-SB2B-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	859.5	0.0	859.5
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	7218.4	0.0	7218.4
	% Fixture	89.4	0.0	89.4
Total	Lumens	8077.9	0.0	8077.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.5	2.2
10°-20°	389.3	4.8
20°-30°	627.4	7.8
30°-40°	1043.8	12.9
40°-50°	1649.7	20.4
50°-60°	2216.3	27.4
60°-70°	1627.0	20.1
70°-80°	322.0	4.0
80°-90°	28.0	0.3
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°	8077.9	100.0
0°-180°	8077.9	100.0



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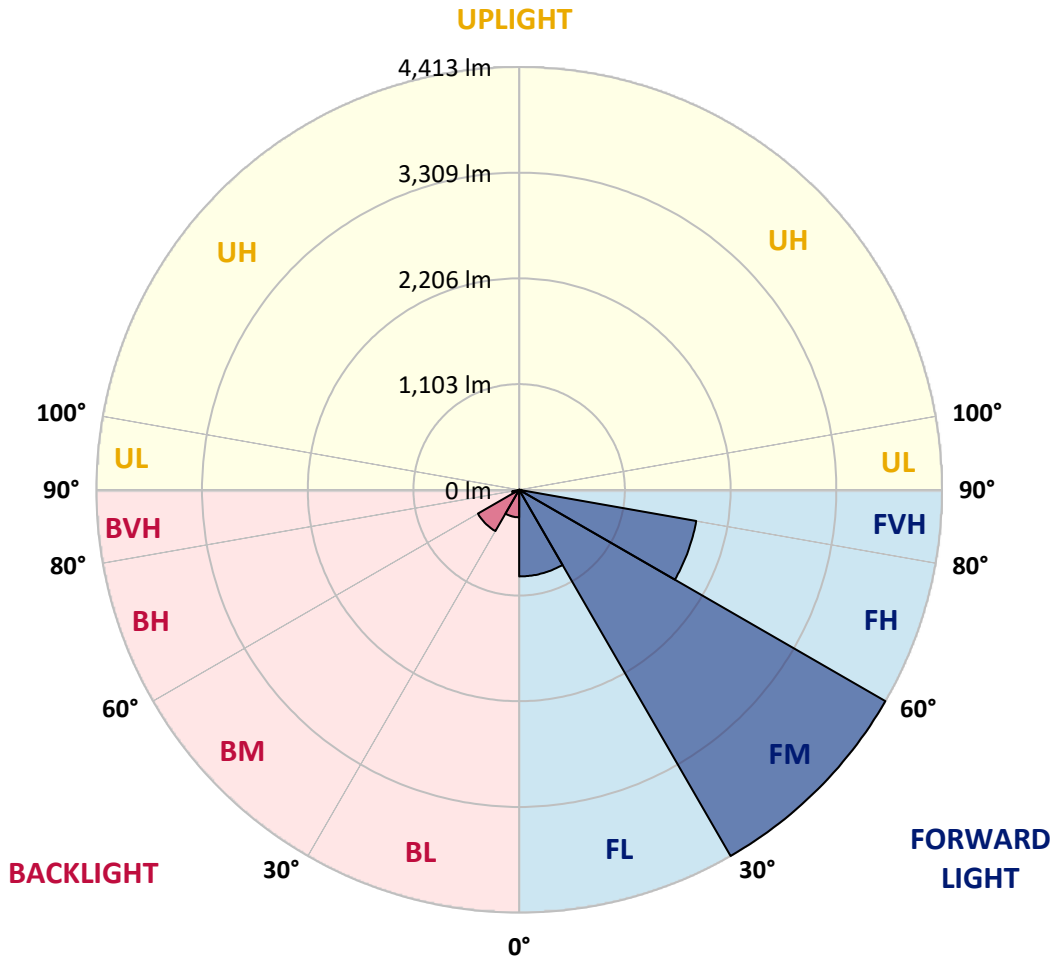
Scaled Data Report

REPORT NUMBER: P1502722
CATALOG NUMBER: GSS-SB2B-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	904.4	11.2			
FM	(30°-60°)	4412.5	54.6			
FH	(60°-80°)	1875.6	23.2			G2/5000
FVH	(80°-90°)	25.9	0.3			G1/100
BL	(0°-30°)	286.8	3.6	B1/500		
BM	(30°-60°)	497.2	6.2	B1/1000		
BH	(60°-80°)	73.4	0.9	B0/110		G0/110
BVH	(80°-90°)	2.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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REPORT NUMBER: P1502722
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	2051.9	2051.9	2051.9	2051.9	*2051.9*	2051.9	2051.9	2051.9	2051.9	2051.9	2051.9
2.5°	2186.1	2195.2	2195.2	2177.0	*2172.4*	2163.3	2154.2	2152.0	2122.4	2099.7	2076.9
5°	2297.6	2295.3	2293.0	2283.9	*2286.2*	2274.8	2268.0	2256.6	2206.6	2172.4	2111.0
7.5°	2249.8	2270.3	2279.4	2304.4	*2315.8*	2313.5	2331.7	2336.2	2293.0	2245.2	2152.0
10°	1938.1	1926.8	2008.7	2115.6	*2222.5*	2247.5	2345.3	2397.7	2381.7	2338.5	2217.9
12.5°	1535.5	1546.9	1603.7	1728.9	*1904.0*	1958.6	2240.7	2447.7	2493.2	2465.9	2308.9
15°	1405.8	1405.8	1435.4	1494.6	*1599.2*	1651.5	1999.6	2440.9	2611.5	2613.8	2422.7
17.5°	1378.5	1383.1	1408.1	1446.8	*1515.0*	1537.8	1781.2	2340.8	2727.5	2768.4	2550.1
20°	1383.1	1389.9	1417.2	1471.8	*1537.8*	1565.1	1724.3	2213.4	2825.3	2936.8	2684.3
22.5°	1399.0	1396.7	1444.5	1517.3	*1601.5*	1626.5	1772.1	2161.1	2907.2	3130.1	2841.2
25°	1417.2	1419.5	1480.9	1583.3	*1685.6*	1715.2	1879.0	2208.8	2966.4	3337.1	3000.5
27.5°	1471.8	1478.6	1553.7	1665.2	*1785.7*	1824.4	2017.8	2334.0	3068.7	3537.3	3173.4
30°	1556.0	1562.8	1649.2	1783.5	*1913.1*	1972.3	2190.6	2490.9	3221.1	3769.4	3350.8
32.5°	1653.8	1662.9	1774.4	1929.0	*2086.0*	2142.9	2388.6	2729.8	3423.6	4005.9	3535.1
35°	1776.6	1801.7	1922.2	2106.5	*2318.0*	2372.6	2632.0	3000.5	3687.5	4217.5	3692.0
37.5°	1945.0	1965.4	2113.3	2343.1	*2556.9*	2629.7	2904.9	3284.8	3926.3	4406.3	3819.4
40°	2149.7	2167.9	2334.0	2584.2	*2807.1*	2868.5	3191.6	3571.5	4183.4	4511.0	3846.7
42.5°	2490.9	2541.0	2645.6	2857.2	*3096.0*	3173.4	3510.0	3849.0	4369.9	4531.4	3803.5
45°	3086.9	3102.8	3125.6	3225.7	*3455.4*	3523.7	3846.7	4090.1	4481.4	4536.0	3764.8
47.5°	3657.9	3712.5	3744.3	3789.8	*3928.6*	3953.6	4199.3	4306.2	4570.1	4520.1	3764.8
50°	4228.9	4269.8	4324.4	4379.0	*4526.9*	4536.0	4572.4	4451.8	4574.6	4390.4	3742.1
52.5°	4747.5	4761.2	4854.4	4959.1	*5143.3*	5193.4	4918.1	4558.7	4299.4	3980.9	3635.1
55°	5211.6	5229.8	5370.8	5584.7	*5848.5*	5914.5	5341.3	4351.7	3710.2	3450.9	3387.2
57.5°	5511.9	5555.1	5837.2	6308.1	*6606.1*	6576.5	5668.8	3867.2	2980.0	2823.0	2948.2
60°	5361.7	5420.9	6014.6	6915.4	*7445.5*	7359.0	5577.8	3182.5	2202.0	2088.3	2334.0
62.5°	*4517.8*	*4627.0*	*5361.7*	*7095.1*	*8023.3*	*8009.6*	*5063.7*	*2270.3*	*1364.9*	*1335.3*	*1474.1*
65°	3141.5	3330.3	4201.6	6494.6	*7791.2*	7811.7	4263.0	1321.7	632.4	784.8	862.2
67.5°	1851.7	1985.9	2707.0	5302.6	*6537.8*	6349.0	2898.1	611.9	316.2	477.7	457.2
70°	814.4	905.4	1551.4	3673.8	*4763.5*	4458.6	1414.9	298.0	241.1	288.9	252.5
72.5°	448.1	489.1	816.7	1940.4	*2898.1*	2754.8	477.7	197.9	207.0	216.1	182.0
75°	250.2	268.4	429.9	1121.5	*1273.9*	1185.2	232.0	129.7	175.2	175.2	134.2
77.5°	145.6	161.5	268.4	698.4	*698.4*	564.2	141.0	81.9	131.9	118.3	72.8
80°	68.2	77.3	147.9	386.7	*441.3*	364.0	79.6	56.9	86.4	75.1	47.8
82.5°	20.5	25.0	72.8	150.1	*250.2*	213.8	40.9	36.4	63.7	47.8	27.3
85°	13.6	15.9	36.4	61.4	*122.8*	106.9	13.6	11.4	27.3	22.7	11.4
87.5°	2.3	2.3	4.5	4.5	*4.5*	4.5	2.3	2.3	0.0	0.0	0.0
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: P1502722
CATALOG NUMBER: GSS-SB2B-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2051.9	2051.9	2051.9	2051.9	2051.9	2051.9	2051.9	2051.9	2051.9	2051.9	2051.9
2.5°	2063.3	2047.3	2010.9	1976.8	1958.6	1917.7	1901.7	1883.5	1874.4	1872.2	1858.5
5°	2072.4	2042.8	1951.8	1860.8	1765.3	1674.3	1581.0	1499.1	1433.1	1435.4	1437.7
7.5°	2099.7	2040.5	1881.3	1699.3	1494.6	1258.0	1005.5	816.7	696.1	671.1	648.3
10°	2136.0	2049.6	1794.8	1458.2	1055.5	664.2	468.6	400.4	370.8	364.0	366.2
12.5°	2204.3	2072.4	1685.6	1126.0	584.6	382.2	338.9	327.6	323.0	323.0	323.0
15°	2288.5	2104.2	1515.0	737.0	382.2	318.5	309.4	307.1	302.5	302.5	304.8
17.5°	2359.0	2104.2	1289.8	480.0	313.9	295.7	288.9	286.6	286.6	288.9	286.6
20°	2436.3	2088.3	1037.3	361.7	291.2	275.3	270.7	270.7	270.7	273.0	273.0
22.5°	2515.9	2061.0	803.0	309.4	270.7	257.1	254.8	257.1	259.3	261.6	261.6
25°	2604.7	2026.9	634.7	286.6	252.5	241.1	241.1	241.1	243.4	248.0	250.2
27.5°	2702.5	1997.3	543.7	273.0	236.6	225.2	225.2	227.5	232.0	234.3	236.6
30°	2793.5	1997.3	514.1	279.8	229.8	216.1	211.6	213.8	218.4	222.9	222.9
32.5°	2907.2	2020.0	530.0	309.4	227.5	202.5	197.9	197.9	202.5	204.7	204.7
35°	3002.8	2063.3	584.6	350.3	236.6	191.1	182.0	179.7	184.3	182.0	184.3
37.5°	3080.1	2122.4	684.7	404.9	254.8	177.4	166.1	159.2	159.2	159.2	159.2
40°	3102.8	2181.5	812.1	441.3	252.5	161.5	145.6	138.8	136.5	134.2	134.2
42.5°	3071.0	2208.8	914.5	439.0	225.2	150.1	129.7	120.6	113.7	111.5	111.5
45°	3046.0	2222.5	950.9	382.2	204.7	136.5	116.0	104.6	97.8	95.5	93.3
47.5°	3048.2	2236.1	896.3	311.6	186.5	125.1	104.6	93.3	86.4	84.2	81.9
50°	3057.3	2213.4	759.8	259.3	170.6	113.7	93.3	84.2	77.3	75.1	72.8
52.5°	2961.8	2092.8	534.6	227.5	157.0	106.9	84.2	77.3	70.5	68.2	68.2
55°	2711.6	1803.9	361.7	202.5	145.6	97.8	77.3	72.8	66.0	61.4	61.4
57.5°	2311.2	1360.3	250.2	184.3	127.4	88.7	72.8	66.0	59.1	54.6	54.6
60°	1767.5	887.2	182.0	168.3	104.6	81.9	68.2	63.7	54.6	50.0	47.8
62.5°	*1076.0*	*498.2*	*147.9*	*147.9*	*88.7*	*77.3*	*61.4*	*56.9*	*47.8*	*40.9*	*38.7*
65°	623.3	293.5	120.6	125.1	77.3	70.5	54.6	47.8	38.7	31.8	29.6
67.5°	300.3	170.6	95.5	88.7	68.2	59.1	47.8	40.9	34.1	27.3	25.0
70°	184.3	131.9	72.8	63.7	54.6	45.5	38.7	36.4	29.6	22.7	22.7
72.5°	150.1	106.9	56.9	45.5	40.9	31.8	31.8	29.6	22.7	18.2	15.9
75°	118.3	79.6	43.2	31.8	25.0	25.0	22.7	20.5	18.2	13.6	13.6
77.5°	63.7	54.6	31.8	18.2	13.6	15.9	15.9	13.6	11.4	9.1	9.1
80°	40.9	31.8	18.2	9.1	9.1	9.1	9.1	6.8	6.8	4.5	4.5
82.5°	20.5	15.9	9.1	2.3	4.5	4.5	4.5	4.5	4.5	2.3	2.3
85°	4.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
87.5°	0.0	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

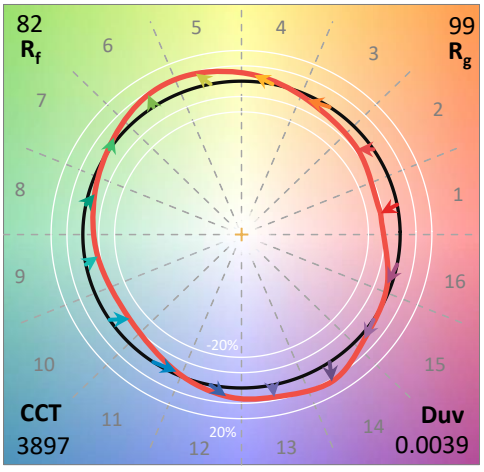
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

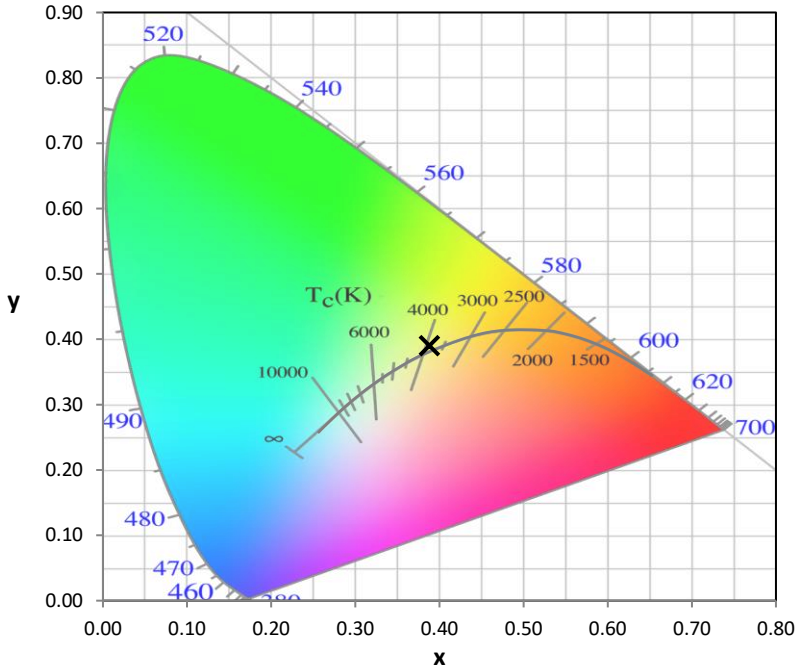
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

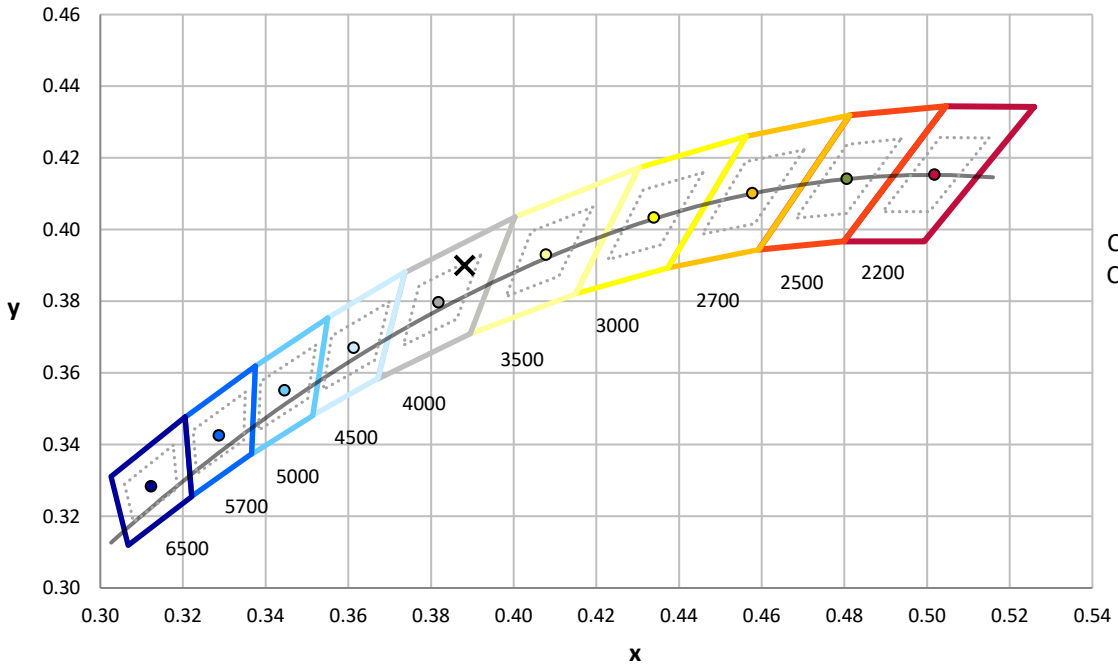
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

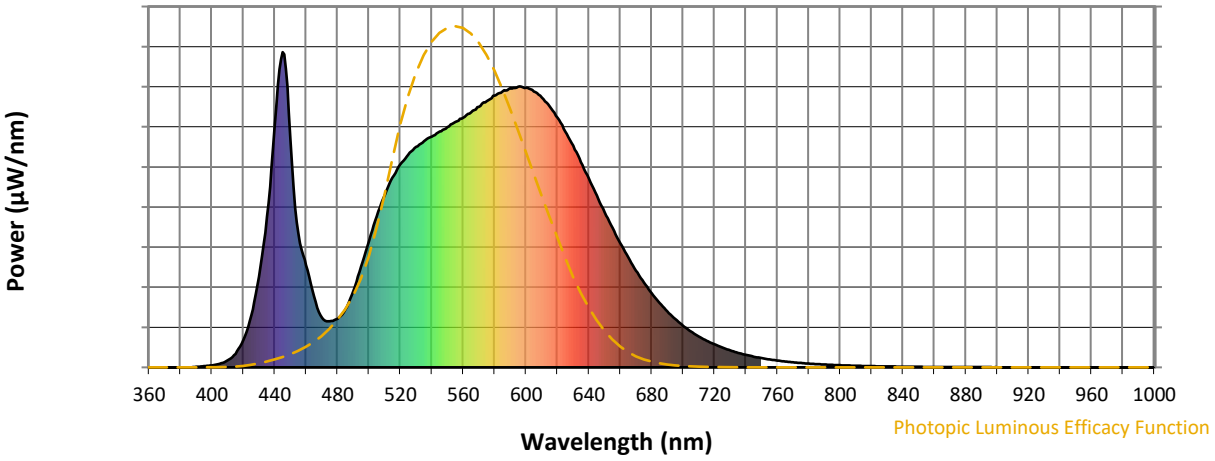


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

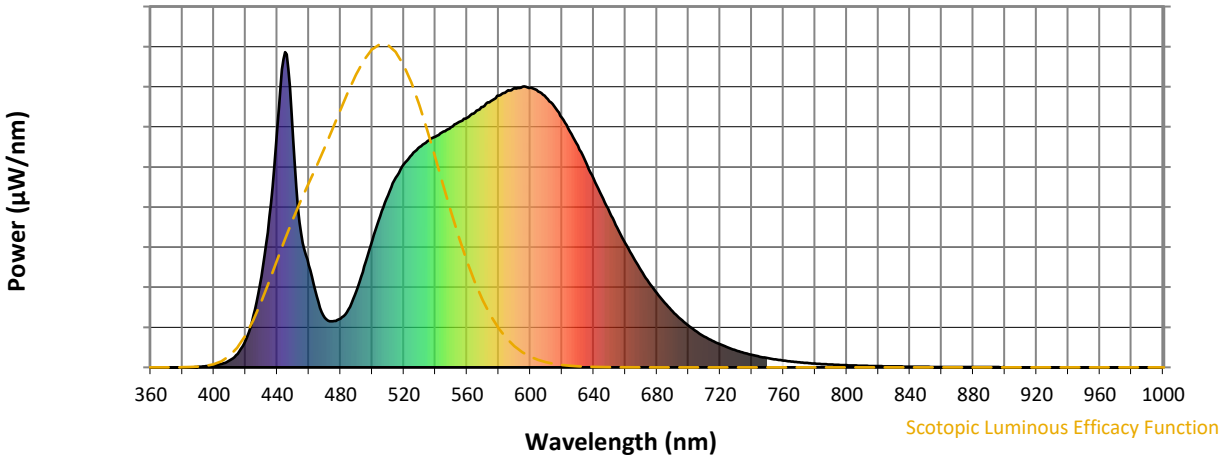


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

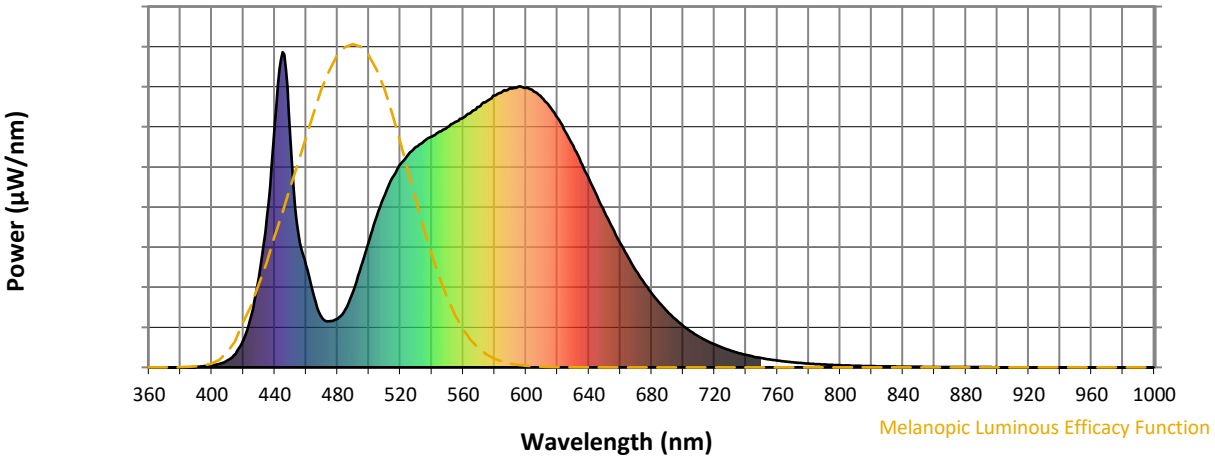


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

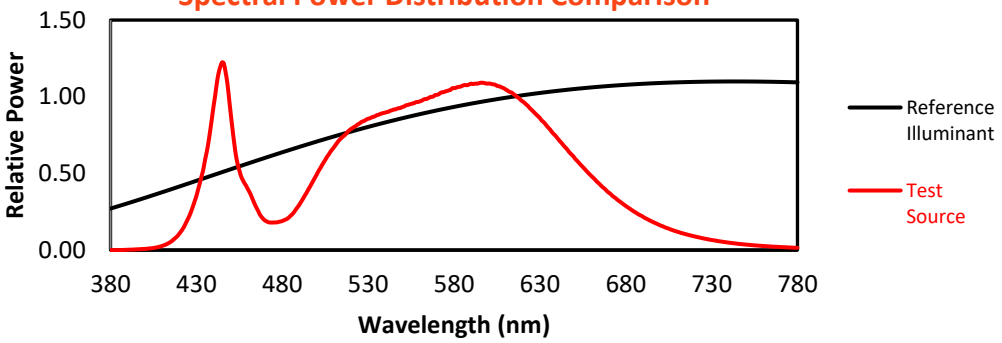
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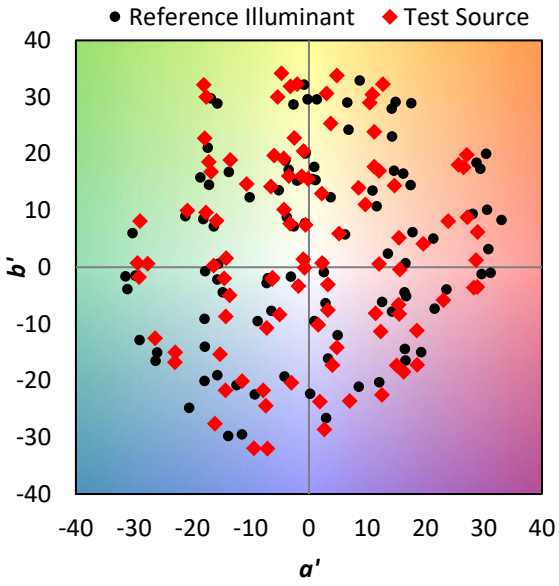
Summary

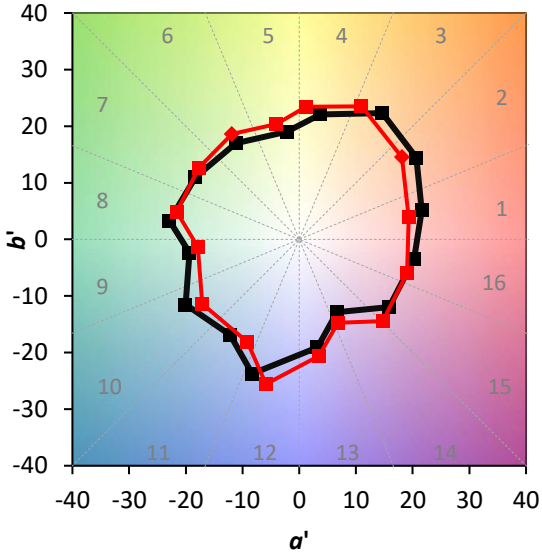
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

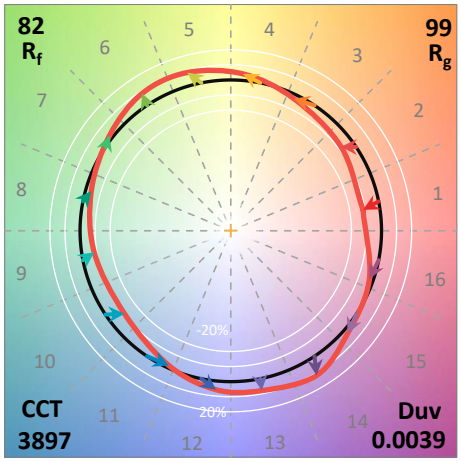
Spectral Power Distribution Comparison

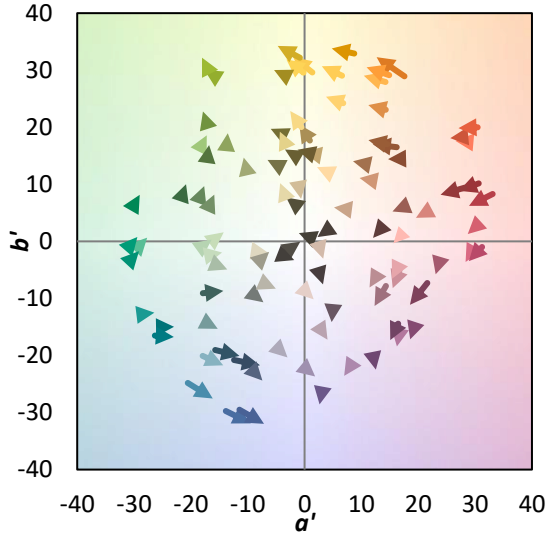


Color Vector Graphics







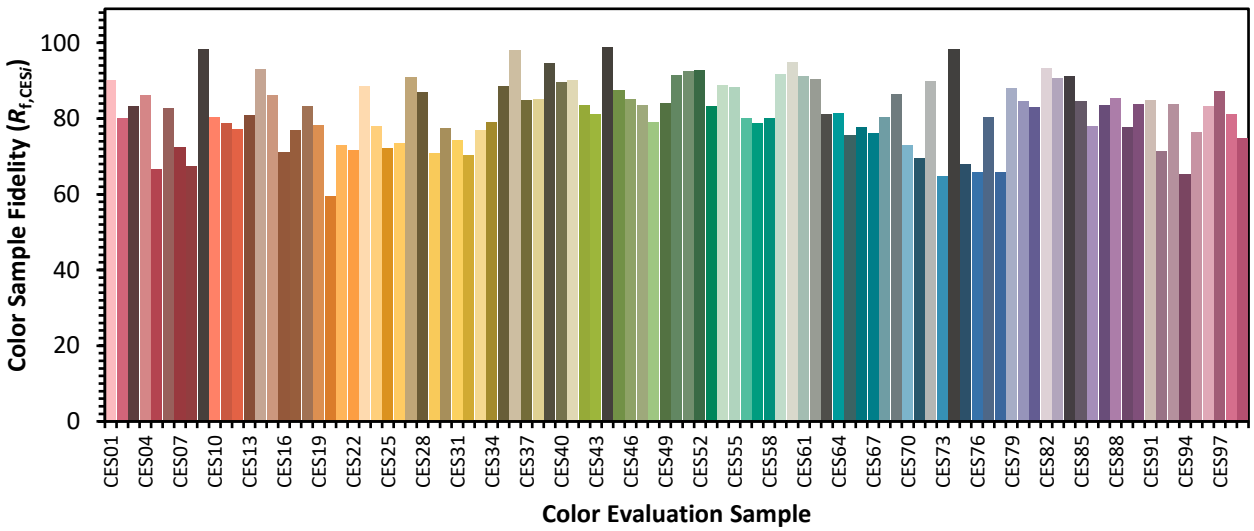


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Individual Sample Fidelity Index ($R_{f,i}$)

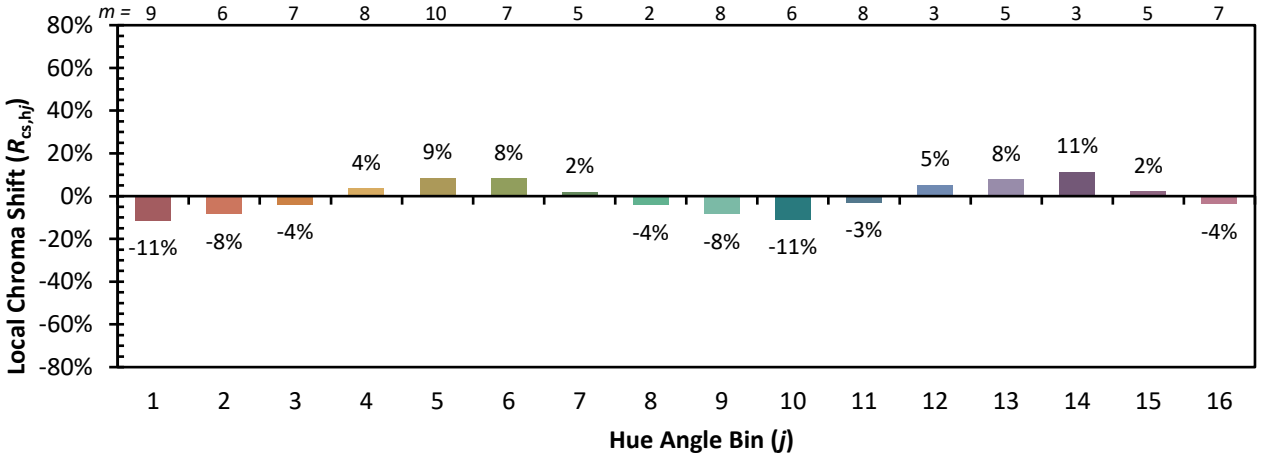
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

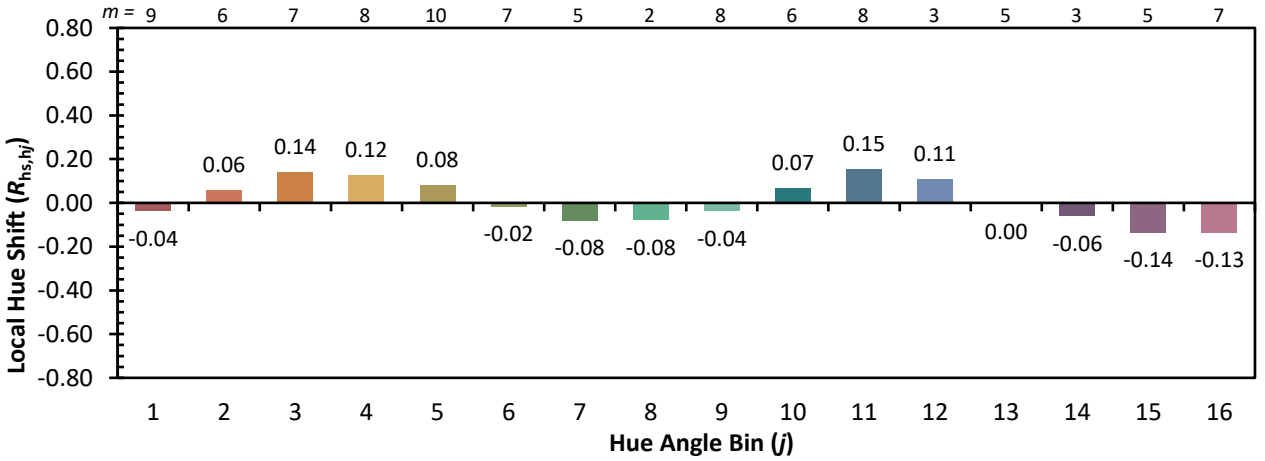


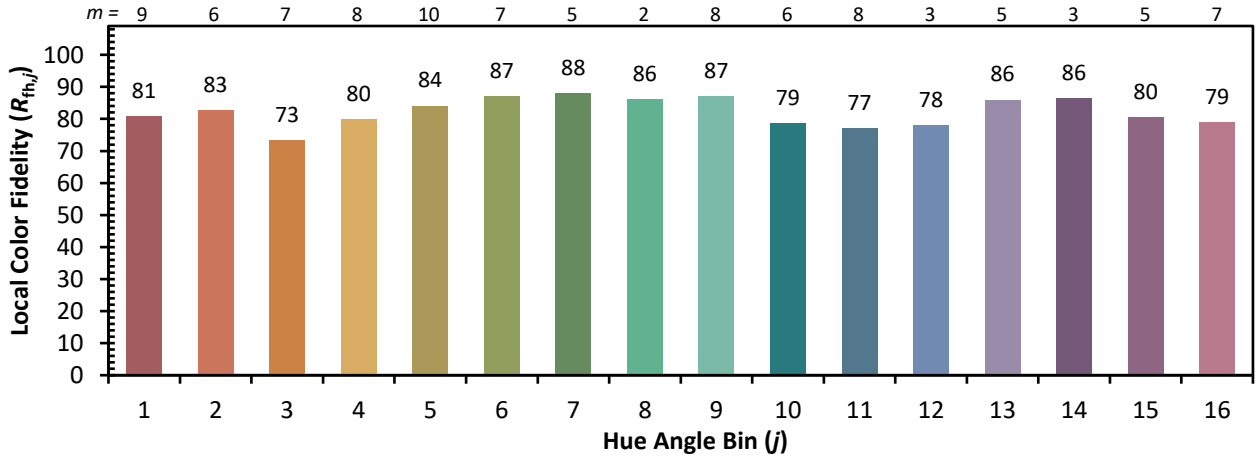
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Color Rendition by Hue-Angle Bin



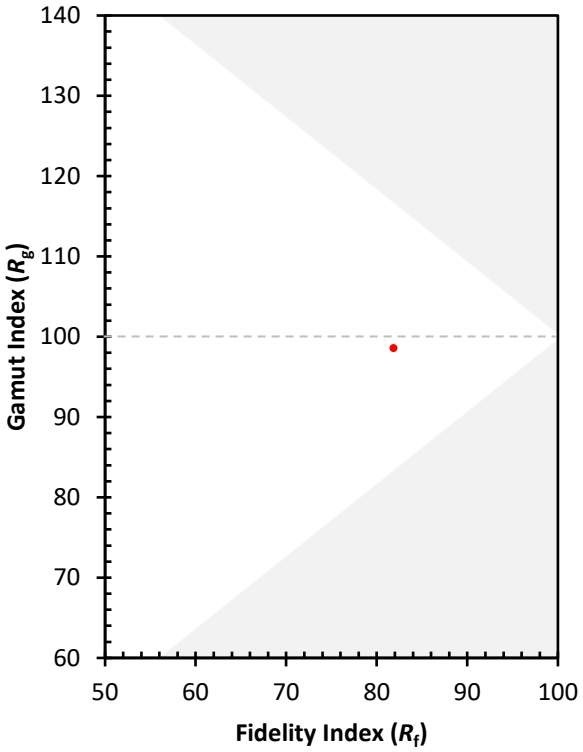


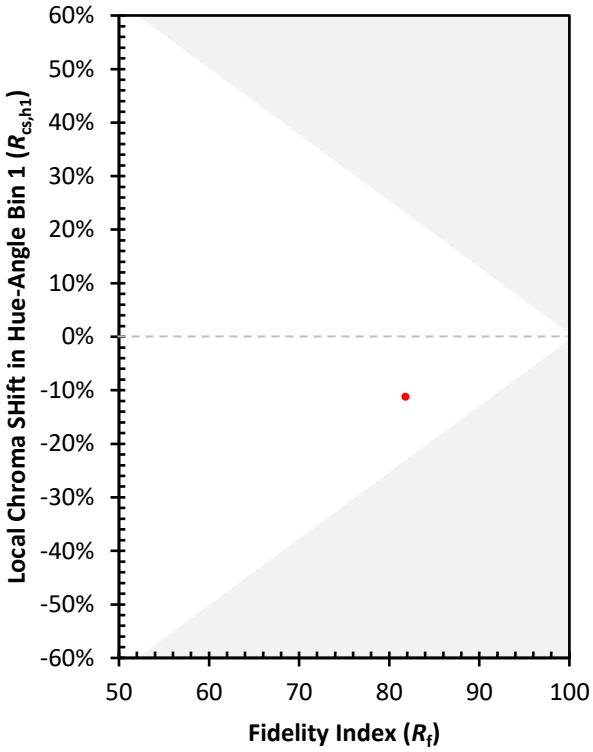


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Measure Comparisons





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