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: P1501190

Luminaire Tested: GSS-SB3B-840-U-T3LG

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:	P1501190
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-840-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15415.1 lumens
Efficiency:	N/A
Efficacy:	141.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

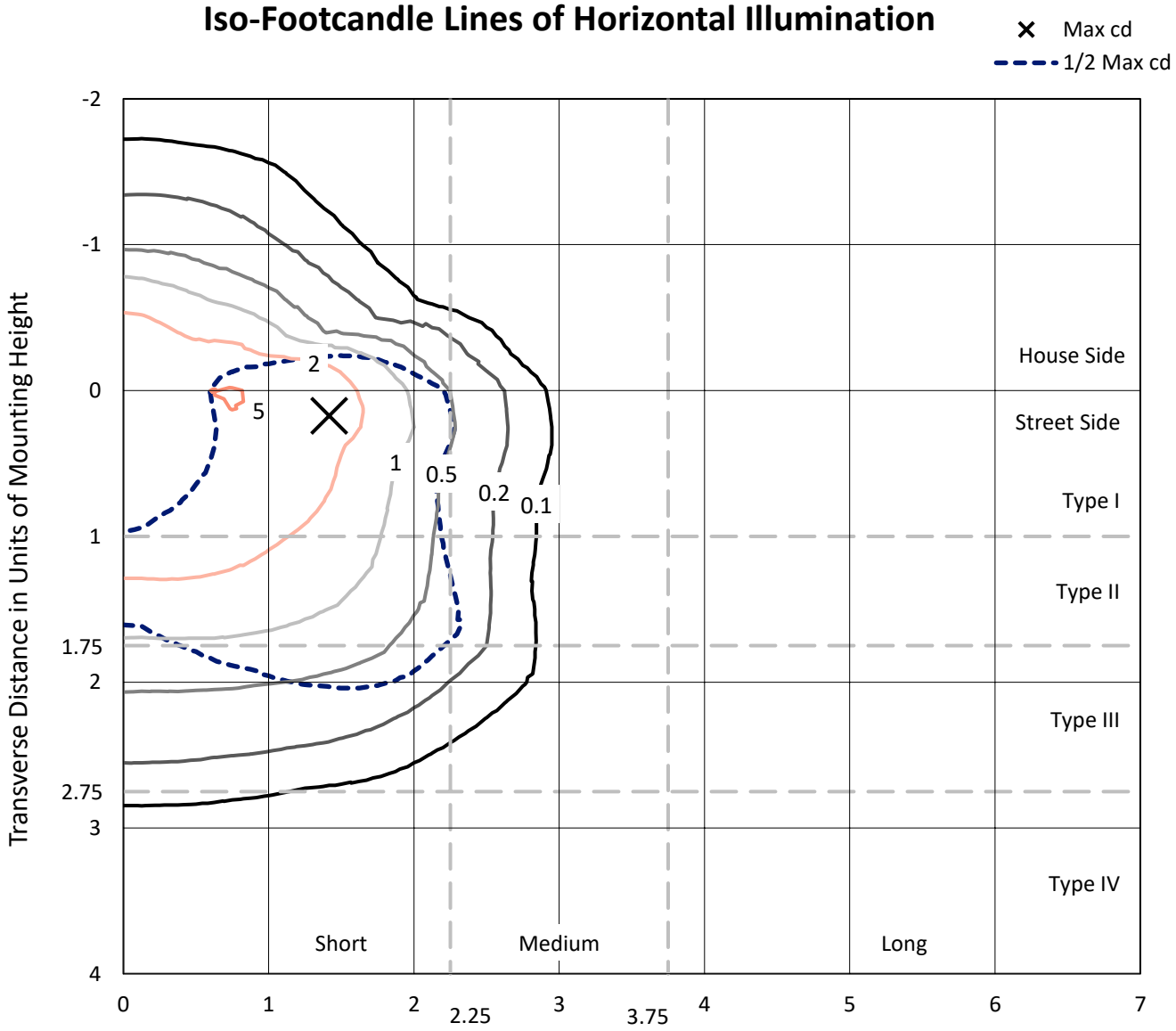
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501190
CATALOG NUMBER: GSS-SB3B-840-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



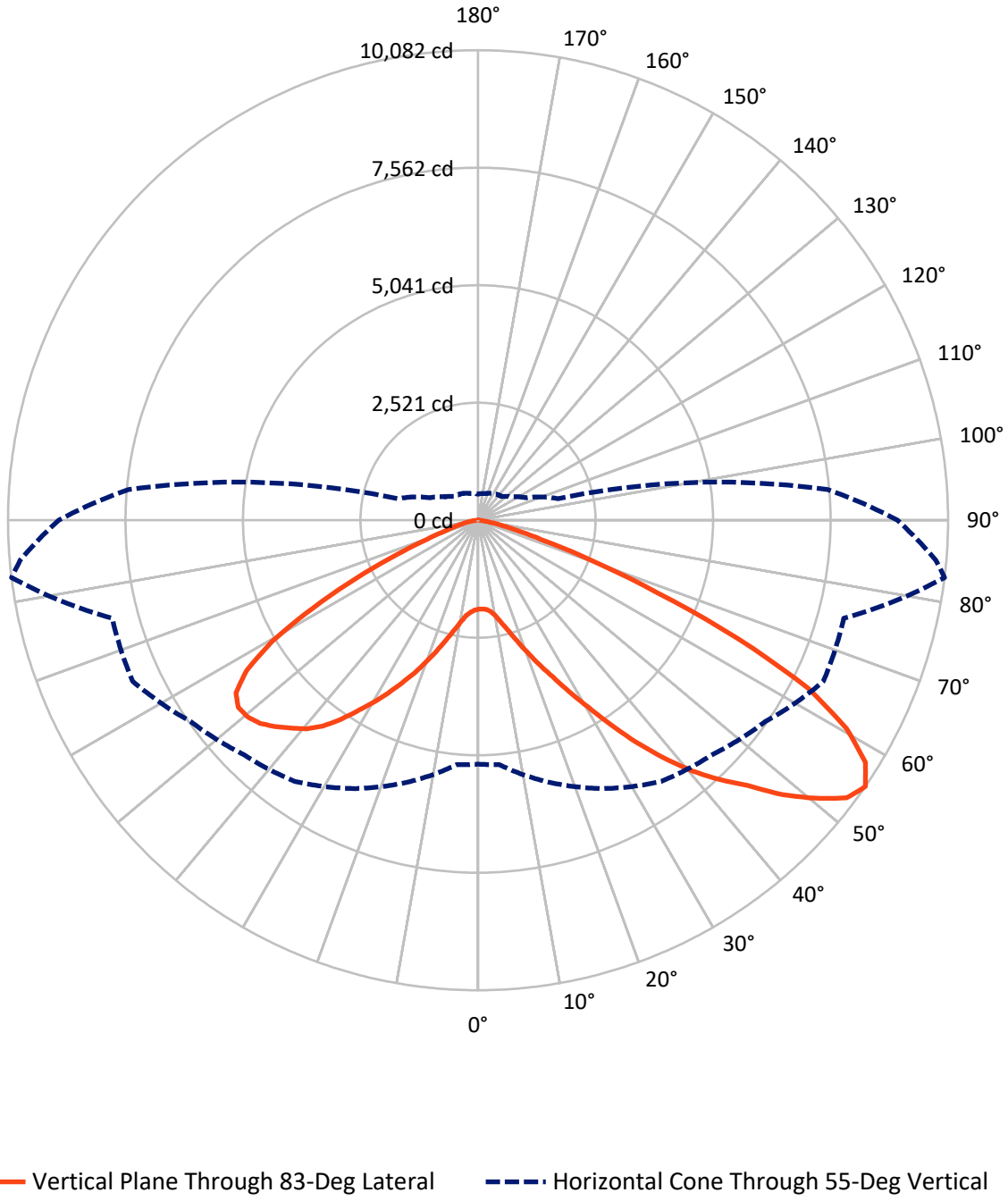
Based on 25 foot mounting height. Maximum calculated value = 5.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1501190
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Luminous Intensity Polar Plot



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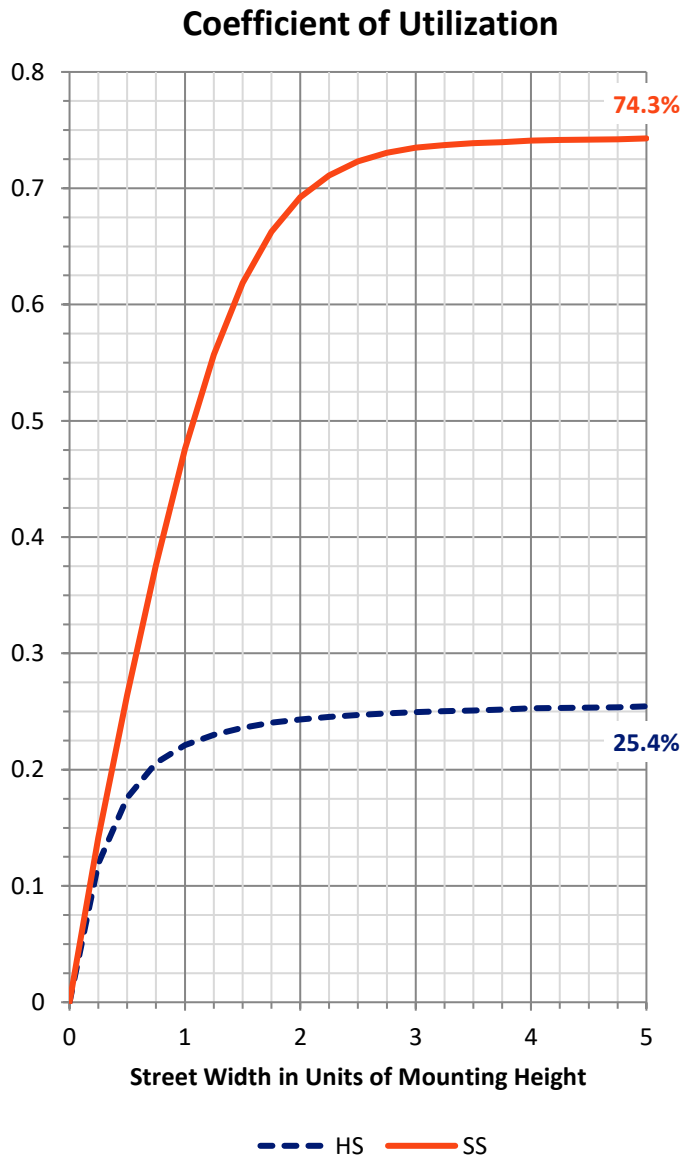
REPORT NUMBER: P1501190
CATALOG NUMBER: GSS-SB3B-840-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3955.8	0.0	3955.8
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	11459.3	0.0	11459.3
	% Fixture	74.3	0.0	74.3
Total	Lumens	15415.1	0.0	15415.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.4	1.2
10°-20°	600.6	3.9
20°-30°	1202.5	7.8
30°-40°	2139.4	13.9
40°-50°	3224.0	20.9
50°-60°	3928.6	25.5
60°-70°	3176.9	20.6
70°-80°	870.1	5.6
80°-90°	88.6	0.6
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°	15415.1	100.0
0°-180°	15415.1	100.0



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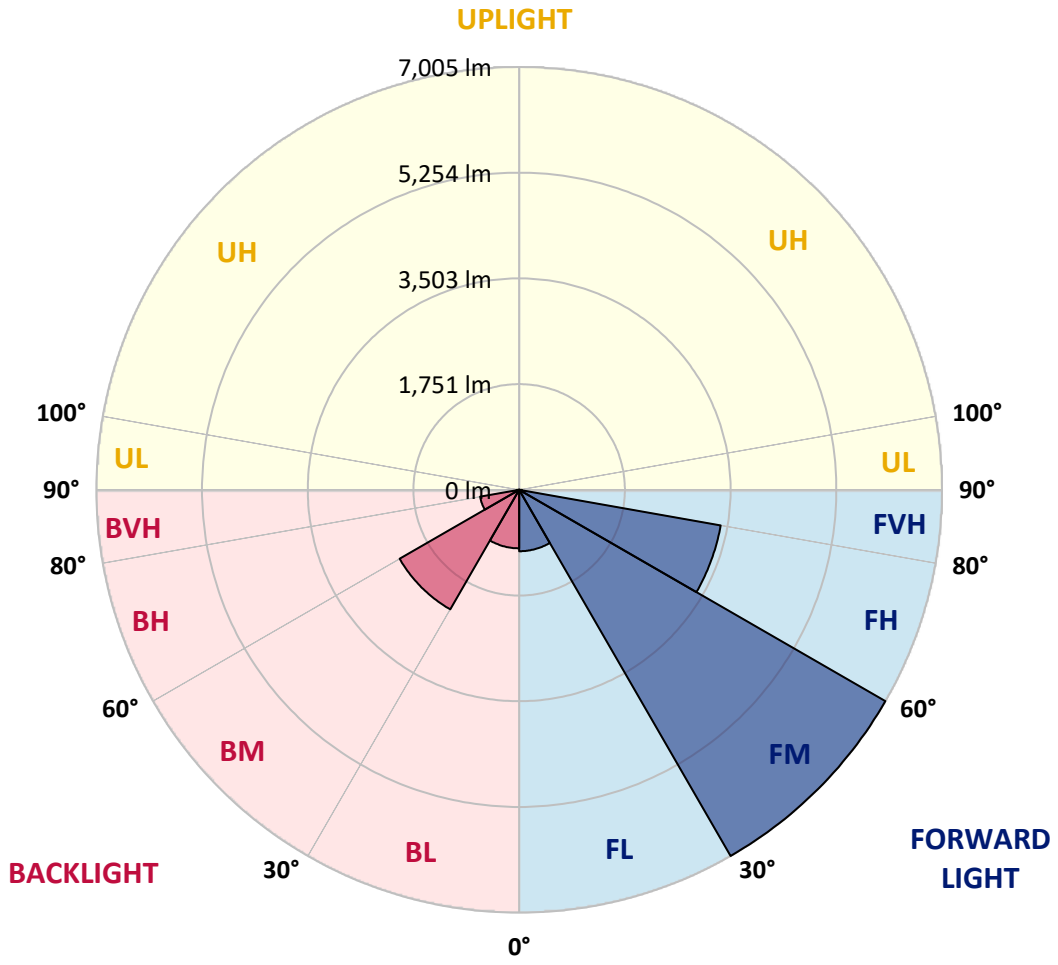
Scaled Data Report

REPORT NUMBER: P1501190
CATALOG NUMBER: GSS-SB3B-840-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1017.8	6.6			
FM	(30°-60°)	7005.1	45.4			
FH	(60°-80°)	3390.2	22.0			G2/5000
FVH	(80°-90°)	46.2	0.3			G1/100
BL	(0°-30°)	969.7	6.3	B2/1000		
BM	(30°-60°)	2286.9	14.8	B2/2500		
BH	(60°-80°)	656.8	4.3	B2/1000		G2/1000
BVH	(80°-90°)	42.5	0.3			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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Scaled Data Report

REPORT NUMBER: P1501190
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1908.2	1908.2	1908.2	1908.2	1908.2	1908.2	1908.2	1908.2	1908.2	*1908.2*	1908.2
2.5°	1853.4	1850.0	1846.6	1843.1	1850.0	1860.3	1870.5	1877.4	1894.5	*1908.2*	1901.4
5°	1706.1	1699.2	1706.1	1733.5	1757.5	1798.6	1839.7	1867.1	1904.8	*1921.9*	1928.8
7.5°	1575.9	1569.1	1575.9	1610.2	1651.3	1716.4	1802.0	1870.5	1939.1	*1980.2*	1987.0
10°	1575.9	1579.3	1579.3	1593.0	1613.6	1678.7	1781.5	1911.7	2031.6	*2089.8*	2103.5
12.5°	1627.3	1627.3	1627.3	1644.4	1658.1	1709.5	1826.0	1987.0	2178.9	*2264.5*	2274.8
15°	1695.8	1692.4	1702.7	1713.0	1736.9	1788.3	1904.8	2096.7	2339.9	*2470.1*	2483.8
17.5°	1791.7	1784.9	1795.2	1819.2	1853.4	1911.7	2028.1	2247.4	2562.6	*2727.0*	2747.6
20°	1897.9	1894.5	1915.1	1952.8	2000.7	2072.7	2206.3	2429.0	2816.1	*3025.1*	3062.8
22.5°	2024.7	2017.9	2055.5	2124.1	2189.2	2271.4	2432.4	2665.4	3107.3	*3357.4*	3395.1
25°	2168.6	2168.6	2220.0	2302.2	2401.6	2548.9	2709.9	2966.8	3449.9	*3717.1*	3775.3
27.5°	2405.0	2422.1	2442.7	2528.3	2668.8	2867.5	3038.8	3330.0	3823.3	*4159.0*	4179.6
30°	2788.7	2781.8	2816.1	2874.3	2990.8	3199.8	3456.7	3768.5	4296.1	*4648.9*	4700.3
32.5°	3134.7	3145.0	3192.9	3302.6	3443.0	3621.2	3929.5	4313.2	4810.0	*5217.6*	5241.6
35°	3484.1	3491.0	3583.5	3747.9	3956.9	4155.6	4491.4	4868.2	5368.4	*5851.4*	5916.5
37.5°	3974.0	3967.2	4059.7	4200.2	4481.1	4789.4	5060.1	5419.8	5902.8	*6468.1*	6543.5
40°	4340.6	4378.3	4553.0	4731.2	4995.0	5313.6	5543.1	5882.3	6341.3	*7071.1*	7139.6
42.5°	4717.5	4748.3	4981.3	5248.5	5526.0	5741.8	5920.0	6235.1	6690.8	*7605.5*	7643.2
45°	5029.2	5070.3	5337.6	5676.7	5964.5	6183.8	6245.4	6540.0	7047.1	*8119.4*	8177.6
47.5°	5227.9	5272.5	5587.6	5985.0	6279.7	6512.6	6492.1	6906.6	7427.4	*8801.1*	8780.6
50°	5365.0	5392.4	5735.0	6159.8	6543.5	6697.6	6786.7	7321.2	7817.9	*9373.3*	9297.9
52.5°	5464.3	5508.8	5820.6	6286.5	6690.8	6892.9	7132.7	7800.8	8088.6	*9897.4*	9729.6
55°	*5231.4*	*5265.6*	*5813.8*	*6351.6*	*6841.5*	*7108.7*	*7526.7*	*8174.2*	*8122.8*	*10082.4*	*9856.3*
57.5°	4991.5	5018.9	5526.0	6334.5	7006.0	7376.0	7975.5	8222.2	7817.9	*9798.1*	9513.7
60°	4690.1	4710.6	5217.6	6152.9	7009.4	7584.9	8205.0	7872.7	7252.6	*9082.1*	8811.4
62.5°	4135.1	4135.1	4693.5	5663.0	6838.1	7691.1	8143.4	7211.5	6495.5	*7954.9*	7581.5
65°	3586.9	3562.9	3939.8	4789.4	6382.5	7663.7	7680.9	6375.6	5320.4	*6135.8*	5844.6
67.5°	2990.8	2994.2	3216.9	3888.4	5169.7	7091.6	6704.5	4926.4	3706.8	*4131.6*	3980.9
70°	2024.7	2076.1	2302.2	2822.9	3898.7	5025.8	5337.6	3336.8	2312.5	*2566.0*	2442.7
72.5°	770.8	781.1	1044.9	1480.0	2463.2	3021.6	3724.0	1867.1	1353.2	*1414.9*	1421.7
75°	325.5	339.2	445.4	623.5	1092.9	1647.9	1959.6	945.5	822.2	*846.2*	839.3
77.5°	219.3	226.1	270.6	335.7	493.3	661.2	818.8	534.4	503.6	*472.8*	459.1
80°	164.4	164.4	195.3	226.1	277.5	339.2	356.3	270.6	301.5	*250.1*	243.2
82.5°	106.2	113.1	123.3	133.6	157.6	167.9	143.9	147.3	174.7	*130.2*	123.3
85°	51.4	54.8	58.2	61.7	61.7	58.2	51.4	65.1	89.1	*54.8*	51.4
87.5°	6.9	6.9	6.9	6.9	6.9	6.9	3.4	3.4	3.4	*3.4*	3.4
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: P1501190
CATALOG NUMBER: GSS-SB3B-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1908.2	1908.2	1908.2	1908.2	1908.2	1908.2	1908.2	1908.2	1908.2	1908.2	1908.2
2.5°	1911.7	1925.4	1935.6	1942.5	1959.6	1956.2	1966.5	1973.3	1980.2	1990.4	1976.7
5°	1945.9	1969.9	1997.3	2017.9	2038.4	2048.7	2052.1	2059.0	2062.4	2069.2	2065.8
7.5°	2021.3	2048.7	2089.8	2110.4	2127.5	2127.5	2117.2	2113.8	2103.5	2110.4	2110.4
10°	2148.0	2189.2	2233.7	2237.1	2216.6	2192.6	2154.9	2134.3	2106.9	2100.1	2093.2
12.5°	2333.0	2387.9	2422.1	2398.1	2326.2	2237.1	2137.8	2045.3	1973.3	1942.5	1935.6
15°	2542.0	2610.5	2617.4	2548.9	2418.7	2202.9	1993.9	1891.1	1853.4	1853.4	1850.0
17.5°	2829.8	2877.8	2850.3	2685.9	2394.7	2041.8	1891.1	1874.0	1884.2	1897.9	1897.9
20°	3131.3	3186.1	3073.0	2781.8	2247.4	1945.9	1901.4	1915.1	1939.1	1952.8	1949.3
22.5°	3491.0	3518.4	3299.1	2785.3	2089.8	1921.9	1921.9	1939.1	1956.2	1976.7	1976.7
25°	3861.0	3850.7	3508.1	2658.5	2000.7	1915.1	1908.2	1921.9	1928.8	1939.1	1935.6
27.5°	4275.5	4220.7	3669.1	2456.4	1973.3	1894.5	1860.3	1846.6	1853.4	1863.7	1867.1
30°	4751.7	4621.5	3799.3	2329.6	1963.0	1846.6	1764.3	1726.7	1719.8	1733.5	1733.5
32.5°	5303.3	5022.4	3878.1	2312.5	1952.8	1760.9	1651.3	1579.3	1565.6	1572.5	1589.6
35°	5868.6	5505.4	3857.6	2357.0	1956.2	1692.4	1531.4	1435.5	1421.7	1428.6	1445.7
37.5°	6461.2	5964.5	3778.8	2425.5	1928.8	1599.9	1421.7	1305.3	1284.7	1298.4	1305.3
40°	6920.3	6351.6	3583.5	2452.9	1880.8	1483.4	1295.0	1195.6	1140.8	1137.4	1154.5
42.5°	7345.1	6656.5	3371.1	2408.4	1781.5	1360.1	1164.8	1065.5	979.8	914.7	914.7
45°	7769.9	6964.9	3155.3	2281.6	1617.0	1229.9	1027.8	894.2	794.8	746.8	750.3
47.5°	8194.8	7262.9	2898.3	2089.8	1452.6	1092.9	880.5	774.3	705.7	668.1	668.1
50°	8588.7	7478.7	2569.4	1784.9	1264.2	955.8	777.7	716.0	664.6	630.4	623.5
52.5°	8934.7	7622.6	2124.1	1414.9	1058.6	801.7	722.9	674.9	637.2	599.5	589.3
55°	*8996.4*	*7526.7*	*1778.0*	*1137.4*	*873.6*	*719.4*	*681.8*	*640.6*	*589.3*	*572.1*	*561.8*
57.5°	8616.1	7019.7	1500.5	959.3	746.8	661.2	647.5	599.5	558.4	541.3	531.0
60°	7968.6	6098.1	1240.2	822.2	664.6	606.4	623.5	575.6	510.5	500.2	489.9
62.5°	6803.8	4758.6	990.1	692.0	603.0	565.3	582.4	513.9	459.1	445.4	441.9
65°	5289.6	3405.3	832.5	609.8	555.0	524.2	517.3	455.6	414.5	404.3	404.3
67.5°	3693.1	2165.2	695.5	558.4	493.3	472.8	469.3	428.2	400.8	390.6	390.6
70°	2261.1	1312.1	585.8	510.5	435.1	397.4	421.4	414.5	373.4	363.1	359.7
72.5°	1175.1	784.5	513.9	469.3	366.6	339.2	376.8	380.3	346.0	359.7	356.3
75°	681.8	544.7	448.8	414.5	291.2	284.3	328.9	363.1	335.7	346.0	339.2
77.5°	390.6	349.4	346.0	339.2	229.5	233.0	294.6	325.5	287.8	298.1	274.1
80°	215.8	226.1	239.8	212.4	161.0	181.6	236.4	260.4	219.3	215.8	198.7
82.5°	113.1	140.5	161.0	137.0	92.5	109.6	161.0	161.0	140.5	133.6	130.2
85°	51.4	58.2	75.4	68.5	34.3	41.1	75.4	82.2	71.9	65.1	61.7
87.5°	3.4	3.4	3.4	3.4	3.4	3.4	6.9	10.3	3.4	3.4	3.4
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

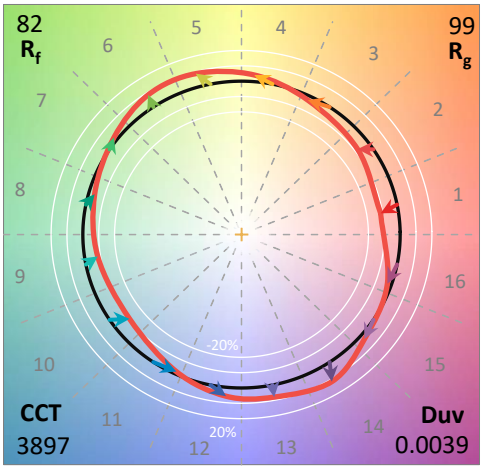
Test Information

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

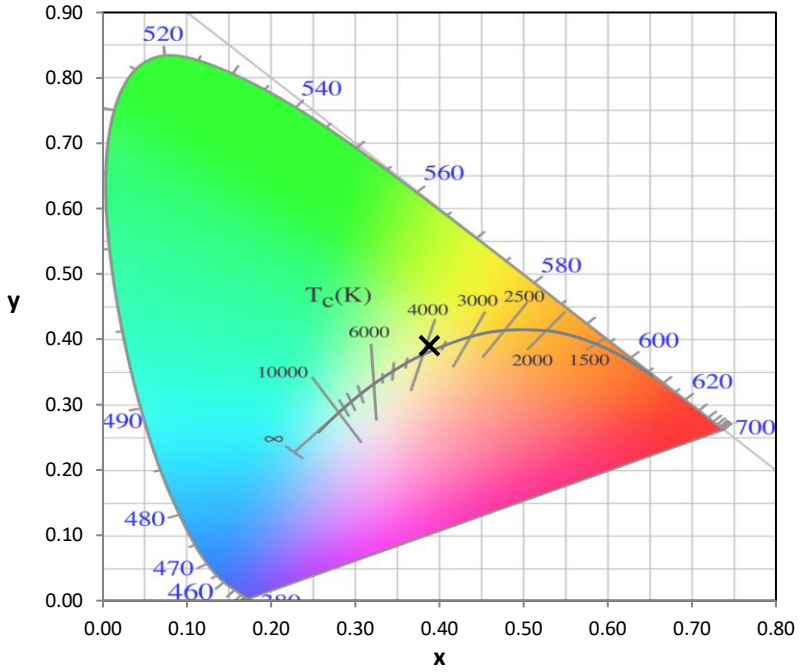
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

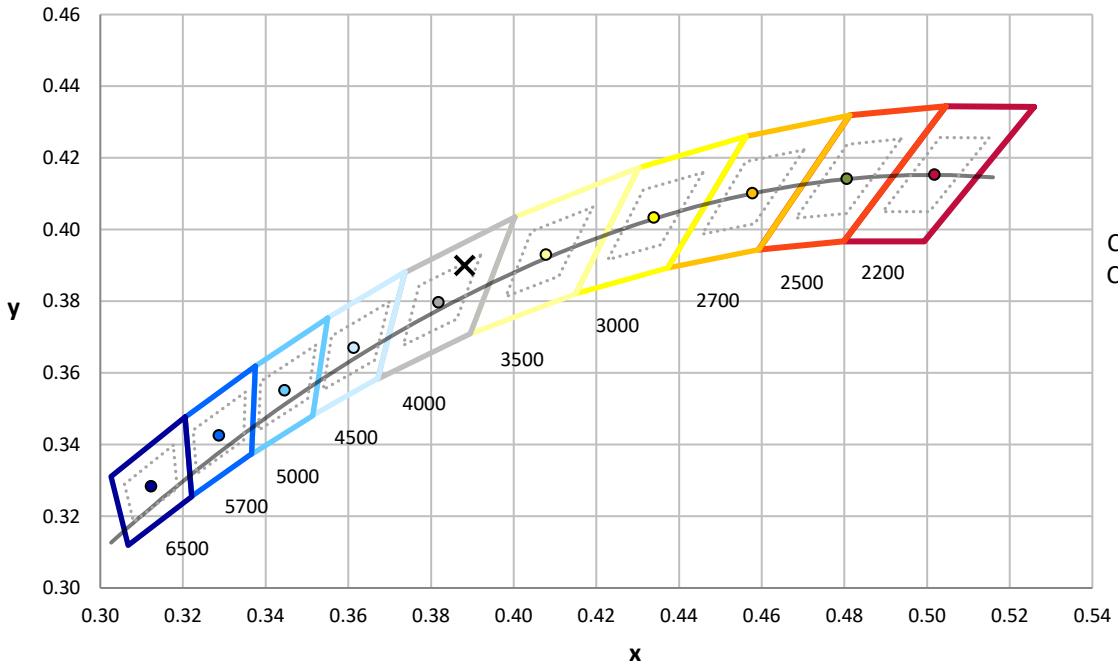
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

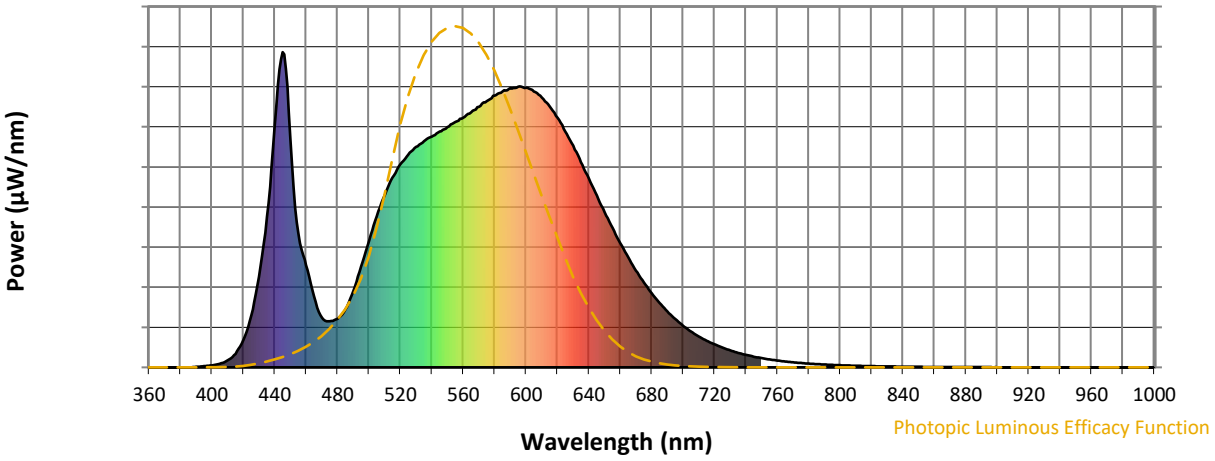


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

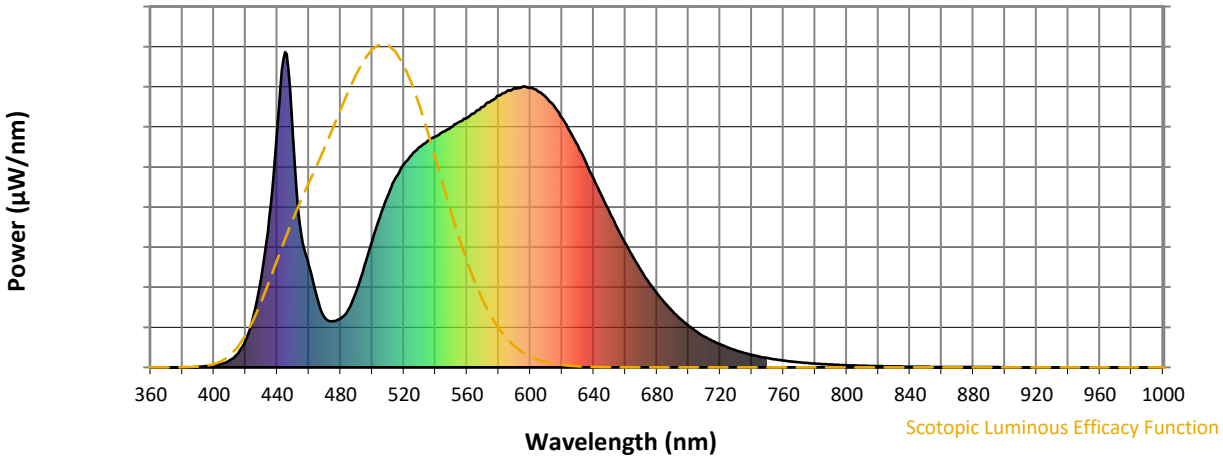


Photopic Lumens: NR

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

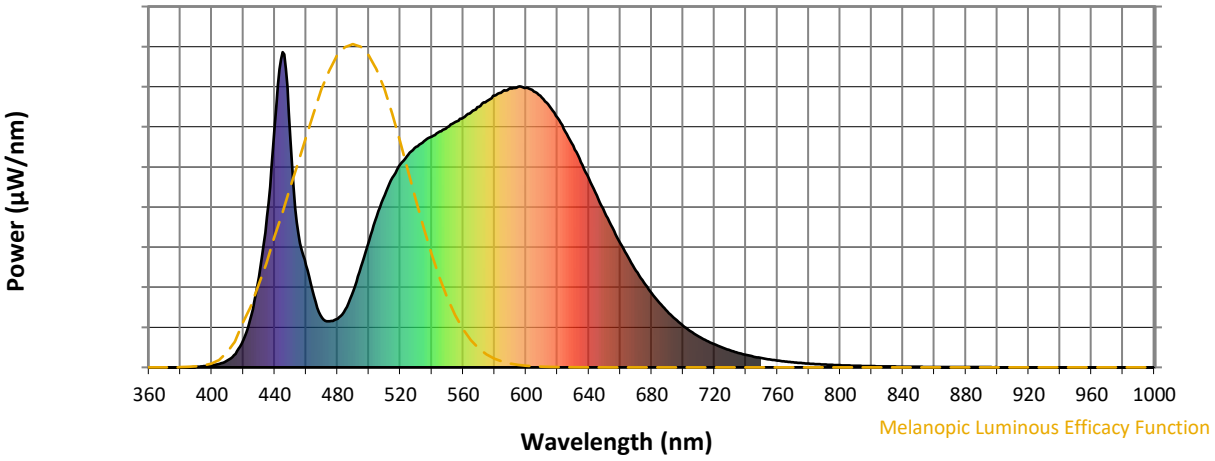


Scotopic Lumens: NR **S/P: 1.57**

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			

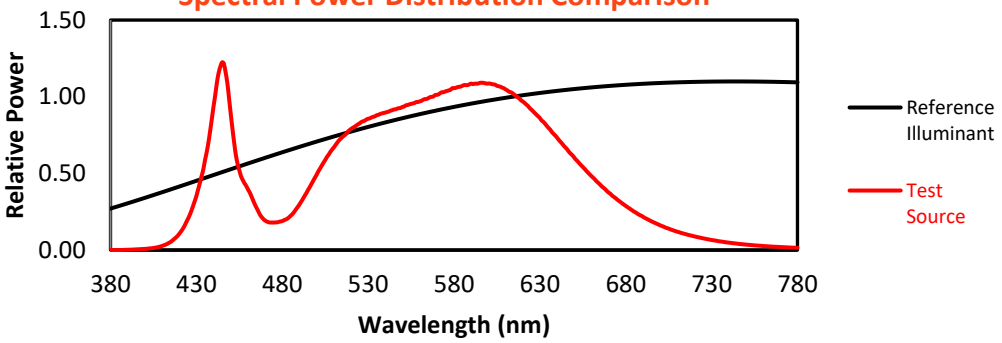
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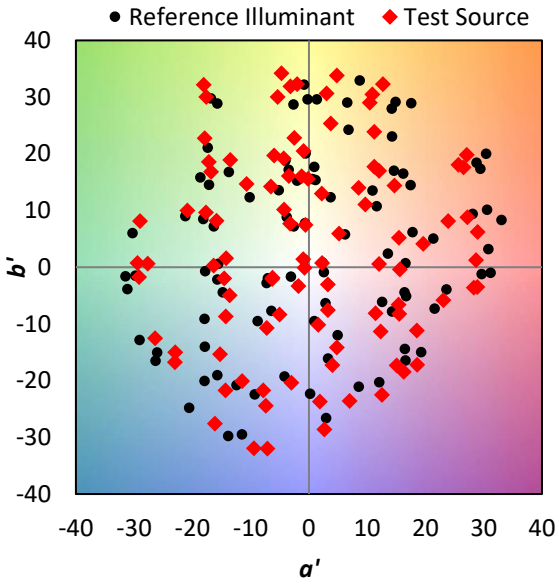
Summary

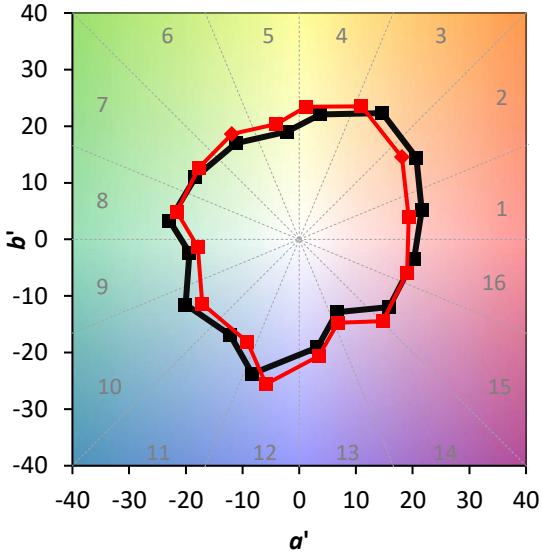
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

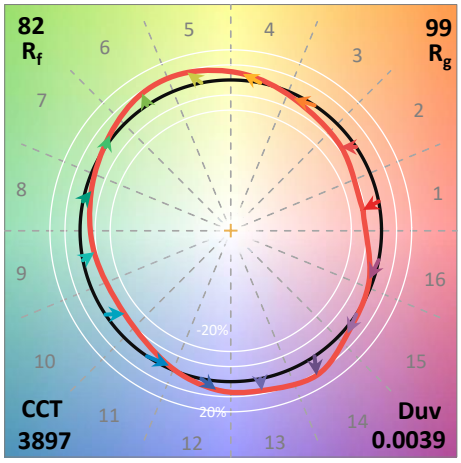
Spectral Power Distribution Comparison

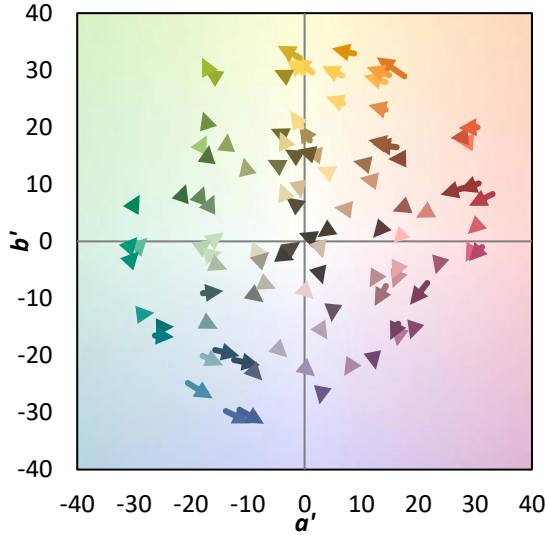


Color Vector Graphics







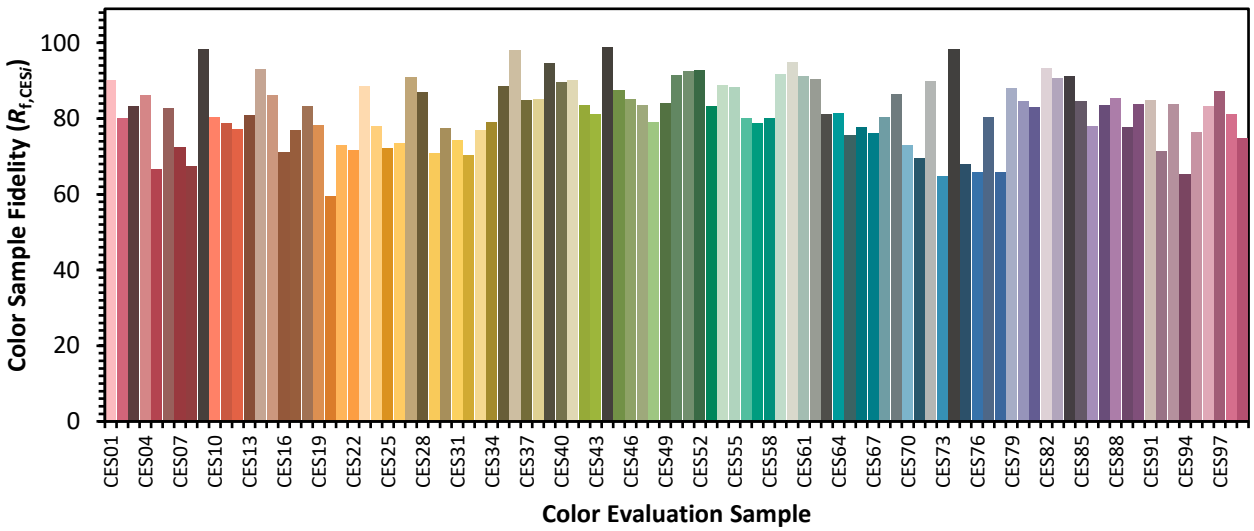


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Individual Sample Fidelity Index ($R_{f,i}$)

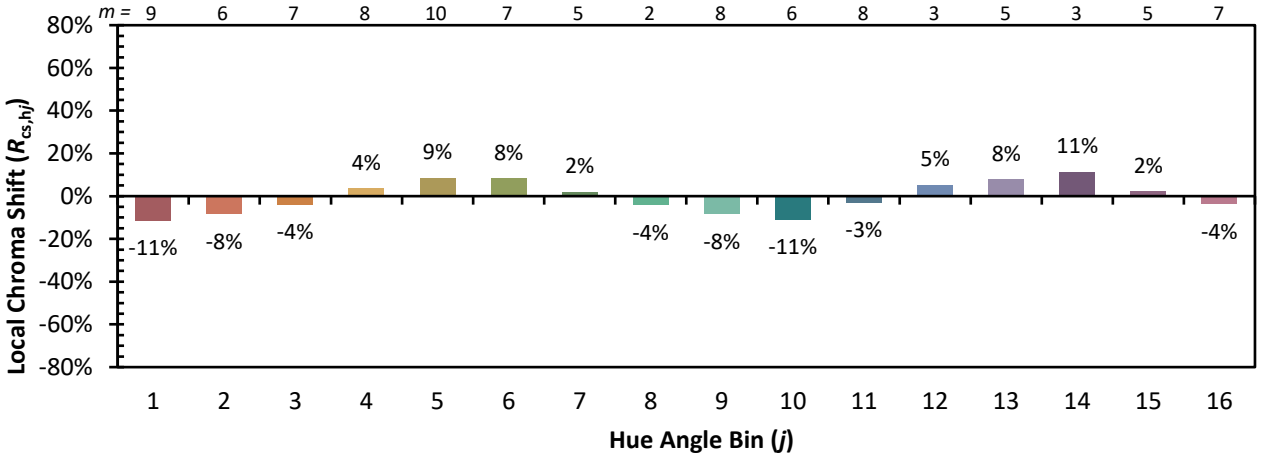
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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	

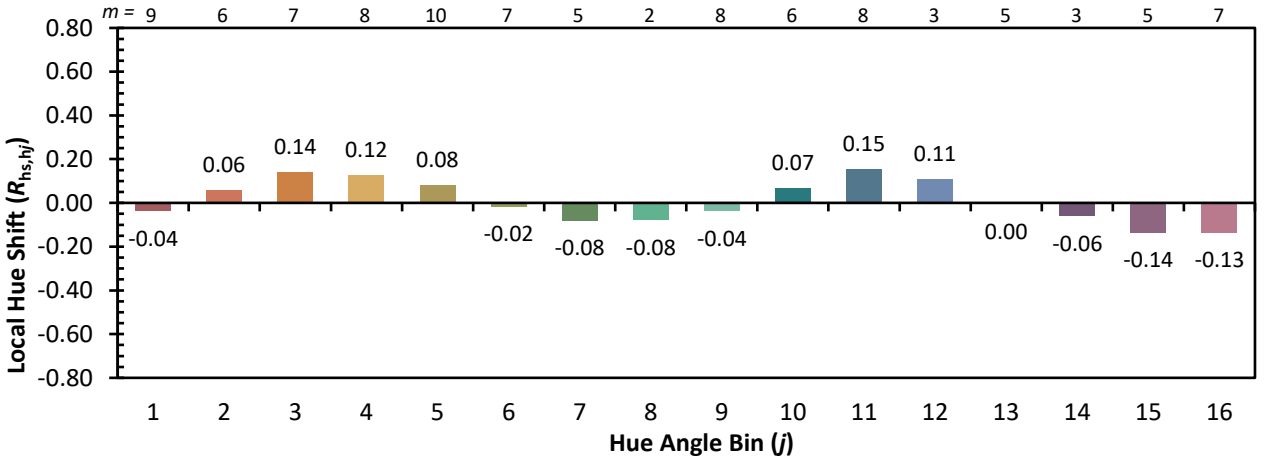


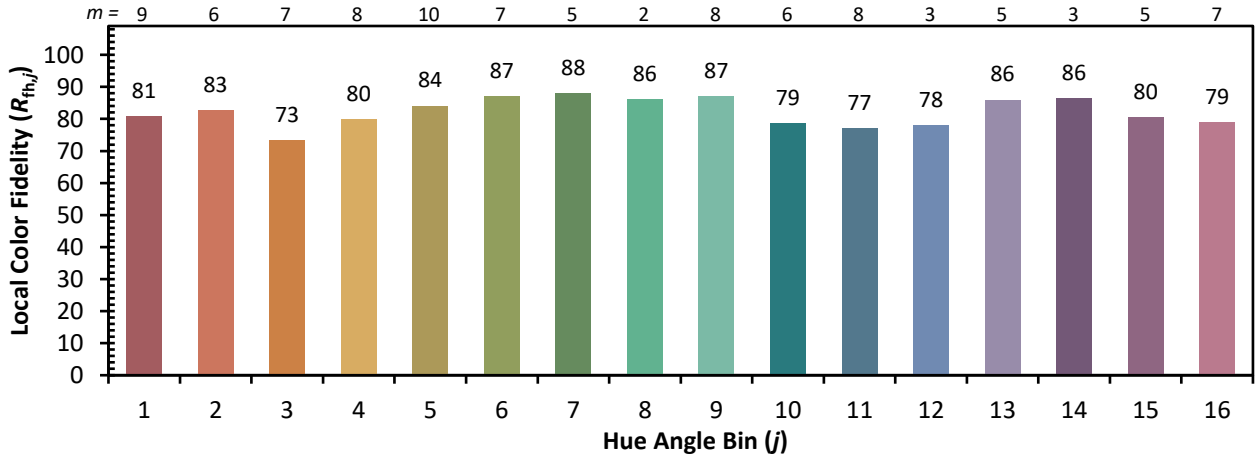
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Color Rendition by Hue-Angle Bin



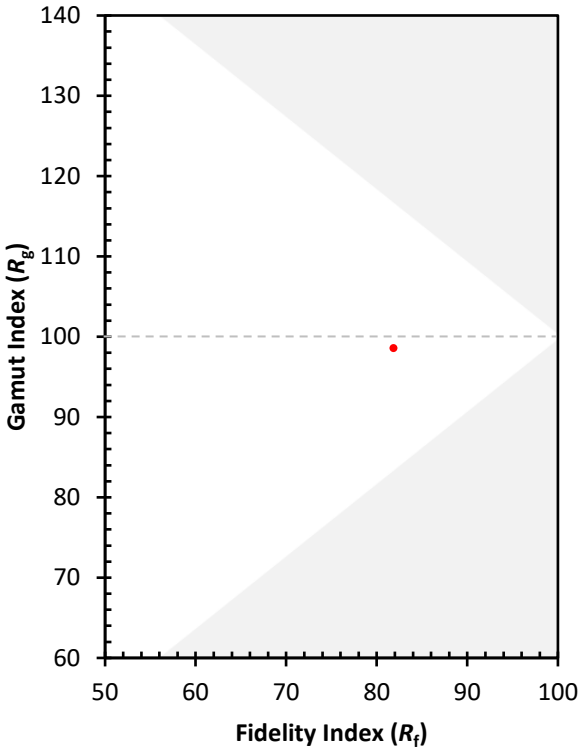


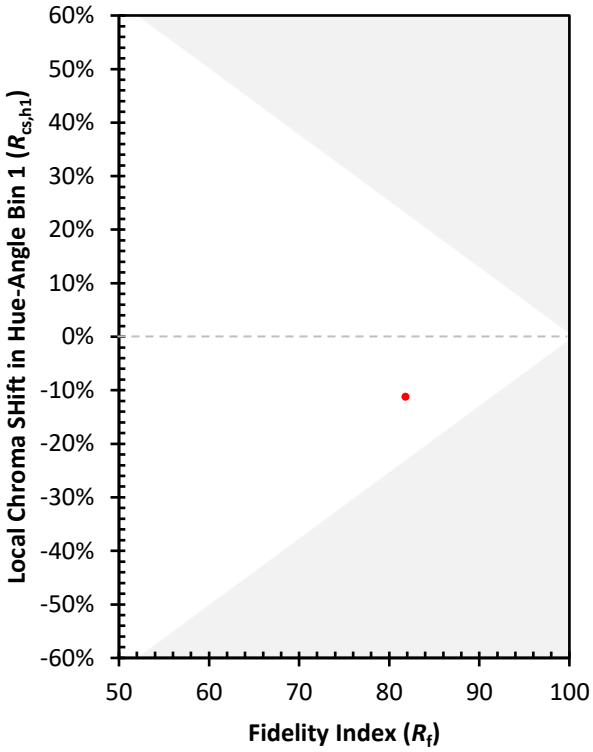


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Measure Comparisons





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