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: P1500806

Luminaire Tested: GSS-SB3B-840-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:	P1500806
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-840-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15133.3 lumens
Efficiency:	N/A
Efficacy:	138.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

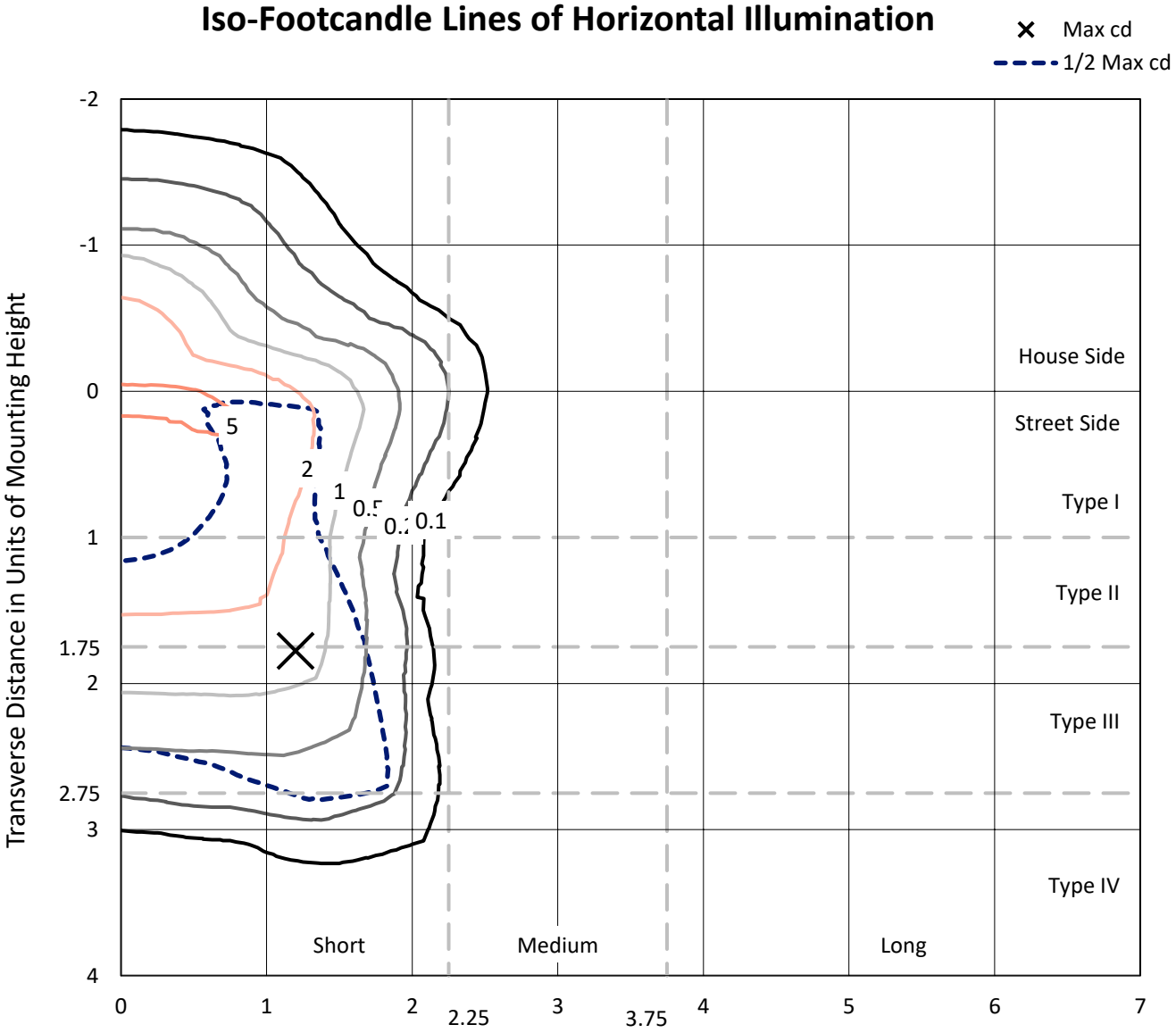
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500806
CATALOG NUMBER: GSS-SB3B-840-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



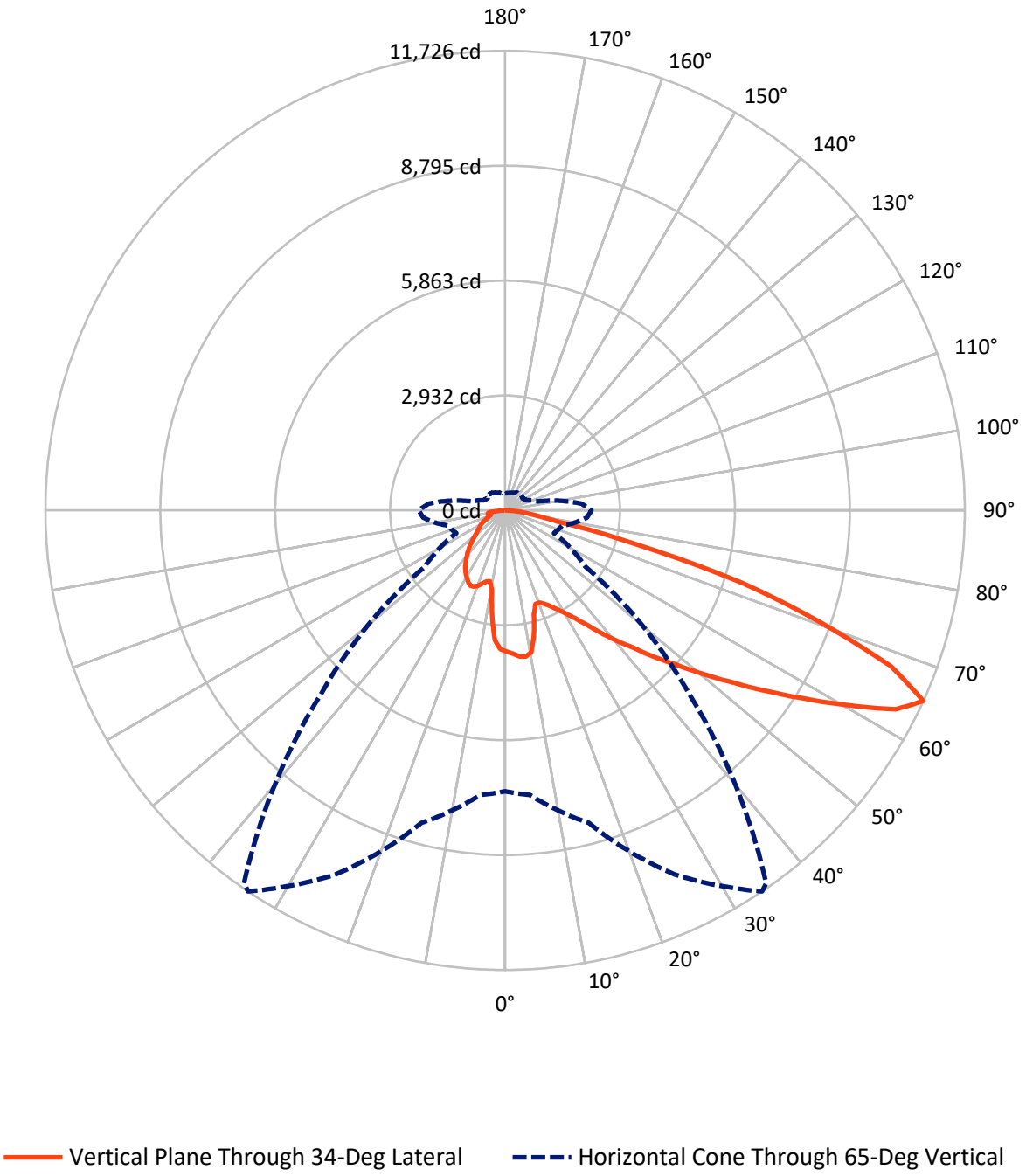
Based on 25 foot mounting height. Maximum calculated value = 6.1 fc
Type III - Short - N/A

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REPORT NUMBER: P1500806
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Luminous Intensity Polar Plot



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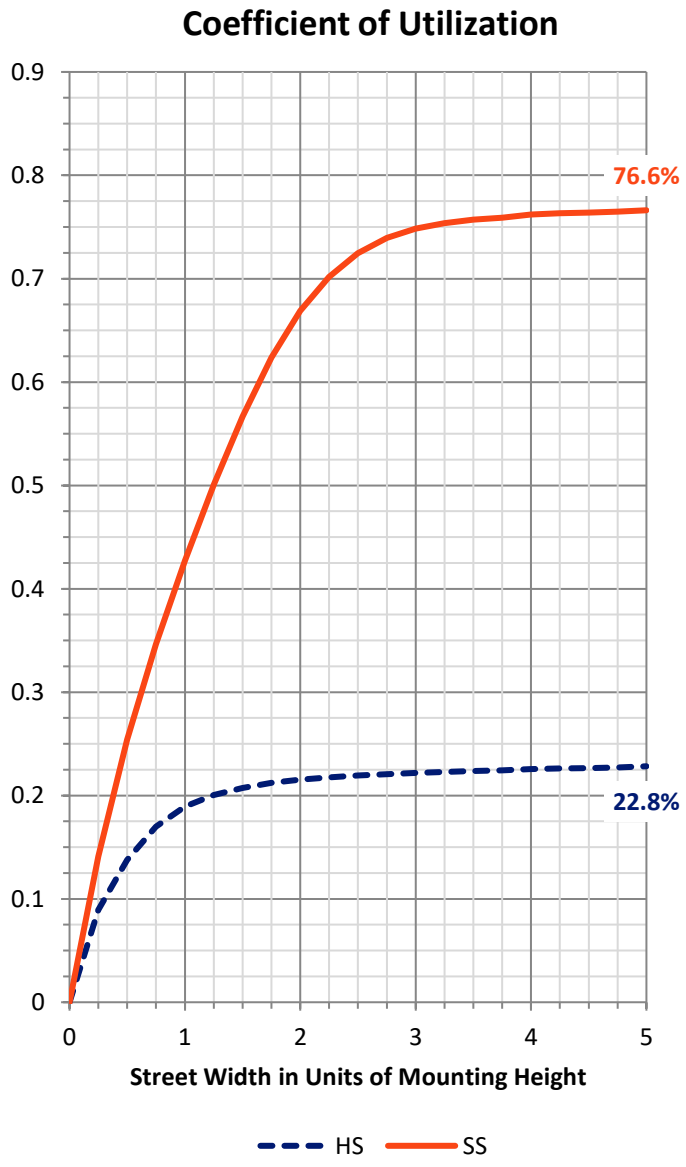
REPORT NUMBER: P1500806
CATALOG NUMBER: GSS-SB3B-840-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3520.9	0.0	3520.9
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	11612.4	0.0	11612.4
	% Fixture	76.7	0.0	76.7
Total	Lumens	15133.3	0.0	15133.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	324.4	2.1
10°-20°	816.4	5.4
20°-30°	1353.2	8.9
30°-40°	2035.2	13.4
40°-50°	2851.3	18.8
50°-60°	3595.0	23.8
60°-70°	3092.0	20.4
70°-80°	919.3	6.1
80°-90°	146.7	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°	15133.3	100.0
0°-180°	15133.3	100.0



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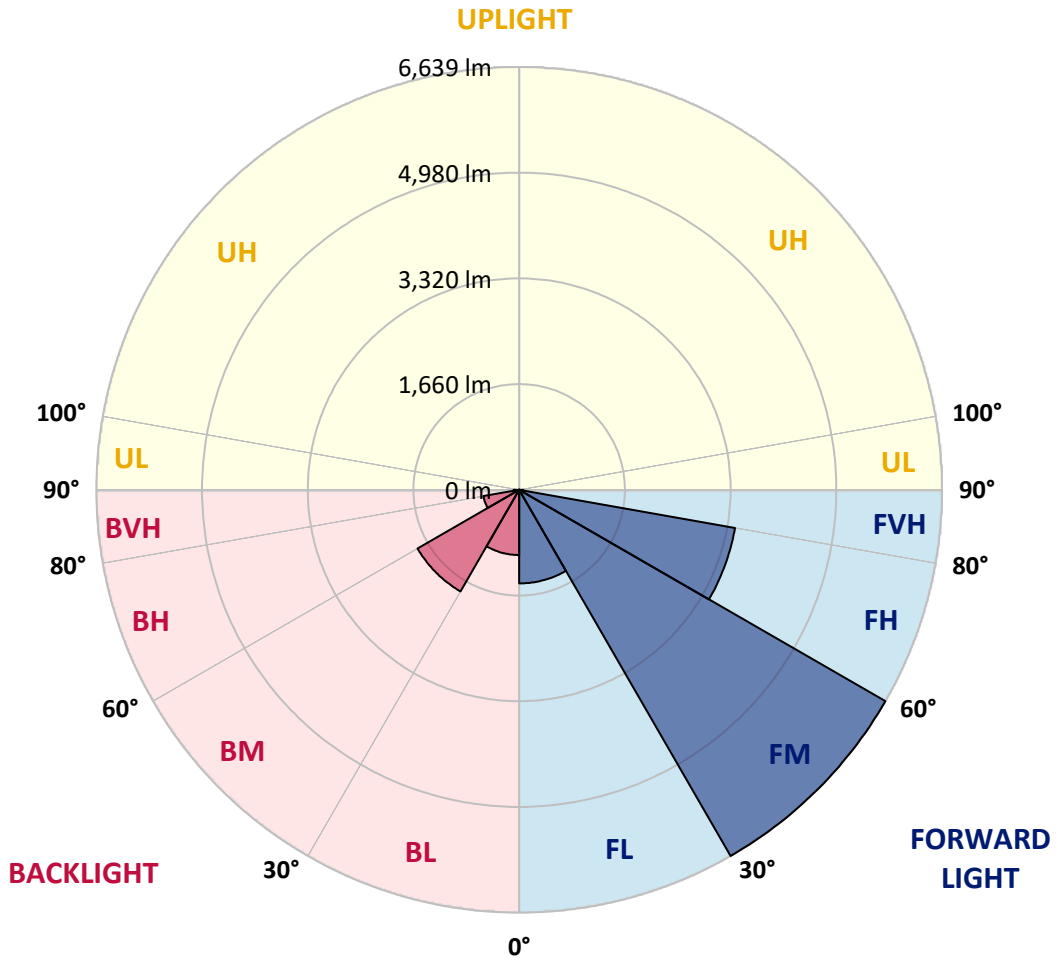
Scaled Data Report

REPORT NUMBER: P1500806
CATALOG NUMBER: GSS-SB3B-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1469.6	9.7			
FM	(30°-60°)	6639.4	43.9			
FH	(60°-80°)	3441.4	22.7			G2/5000
FVH	(80°-90°)	62.0	0.4			G1/100
BL	(0°-30°)	1024.4	6.8	B3/2500		
BM	(30°-60°)	1842.0	12.2	B2/2500		
BH	(60°-80°)	569.8	3.8	B2/1000		G2/1000
BVH	(80°-90°)	84.6	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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Scaled Data Report

REPORT NUMBER: P1500806
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	3598.0	3598.0	3598.0	3598.0	*3598.0*	3598.0	3598.0	3598.0	3598.0	3598.0	3598.0
2.5°	3666.5	3687.1	3663.1	3652.8	*3656.3*	3659.7	3642.5	3646.0	3625.4	3625.4	3608.3
5°	3745.3	3748.8	3735.1	3745.3	*3741.9*	3738.5	3738.5	3735.1	3690.5	3680.2	3663.1
7.5°	3700.8	3714.5	3721.4	3759.1	*3769.3*	3789.9	3803.6	3810.5	3776.2	3748.8	3704.2
10°	3293.0	3303.3	3382.1	3553.5	*3683.7*	3707.7	3834.4	3906.4	3882.4	3868.7	3793.3
12.5°	2631.7	2648.8	2737.9	2960.6	*3265.6*	3330.7	3735.1	3978.4	4033.2	4036.6	3927.0
15°	2347.3	2347.3	2374.7	2501.5	*2748.2*	2799.6	3395.8	3998.9	4194.2	4218.2	4084.6
17.5°	2289.0	2285.6	2302.7	2378.1	*2508.3*	2539.2	3005.2	3892.7	4386.1	4427.3	4255.9
20°	2285.6	2275.3	2309.6	2395.2	*2508.3*	2535.7	2823.6	3707.7	4536.9	4667.1	4427.3
22.5°	2289.0	2289.0	2337.0	2460.3	*2590.6*	2614.5	2857.8	3553.5	4660.3	4917.3	4608.9
25°	2326.7	2319.9	2388.4	2539.2	*2717.3*	2734.5	2998.3	3546.6	4766.5	5198.3	4828.2
27.5°	2388.4	2391.8	2484.3	2665.9	*2868.1*	2902.4	3193.7	3693.9	4896.7	5506.7	5040.6
30°	2518.6	2522.0	2631.7	2816.7	*3049.7*	3094.3	3419.8	3913.3	5081.8	5839.0	5270.2
32.5°	2665.9	2683.1	2816.7	3032.6	*3282.7*	3306.7	3697.4	4242.2	5359.3	6171.4	5516.9
35°	2912.7	2929.8	3080.6	3306.7	*3584.3*	3618.6	4036.6	4622.6	5698.6	6507.2	5708.8
37.5°	3231.3	3245.1	3392.4	3666.5	*3961.2*	3995.5	4413.5	5026.9	6041.2	6774.5	5880.2
40°	3611.7	3642.5	3800.2	4067.5	*4365.6*	4386.1	4824.8	5417.6	6411.3	6959.6	5948.7
42.5°	4026.3	4057.2	4218.2	4512.9	*4787.1*	4848.7	5270.2	5832.2	6712.8	7041.8	5893.9
45°	4557.5	4550.6	4701.4	5009.8	*5331.9*	5355.9	5746.5	6174.9	6894.5	6973.3	5839.0
47.5°	5201.7	5208.5	5304.5	5554.6	*5887.0*	5941.8	6243.4	6469.6	7000.7	6918.4	5777.4
50°	5928.1	5945.3	6027.5	6209.1	*6565.5*	6603.2	6692.3	6675.2	7065.8	6801.9	5801.4
52.5°	6654.6	6664.9	6774.5	6966.4	*7312.5*	7339.9	7144.6	6832.8	6822.5	6332.5	5750.0
55°	7250.8	7247.4	7442.7	7737.4	*8158.9*	8141.8	7590.1	6712.8	6061.8	5602.6	5520.4
57.5°	7768.3	7788.8	8042.4	8553.0	*9084.1*	9070.4	8066.4	6078.9	4951.5	4739.1	5146.9
60°	8234.3	8282.3	8758.6	9522.7	*10108.7*	10026.4	8152.0	5122.9	3851.6	3711.1	4406.7
62.5°	8032.1	8121.2	8885.4	10376.0	*11181.2*	10999.6	7624.3	3968.1	2607.7	2480.9	3114.8
65°	*7168.6*	*7288.5*	*8258.3*	*10252.6*	*11726.1*	*11613.0*	*6664.9*	*2494.6*	*1374.1*	*1507.7*	*2097.1*
67.5°	6020.7	6164.6	7213.1	9210.9	*10609.0*	10365.7	5177.7	1312.4	640.8	993.7	1302.1
70°	3299.9	3656.3	5215.4	7833.4	*8498.1*	8158.9	2994.9	620.2	466.0	620.2	777.9
72.5°	1240.5	1326.1	2261.6	5266.8	*6294.8*	5876.7	1137.7	400.9	390.6	459.2	562.0
75°	596.2	637.4	983.5	2395.2	*3436.9*	3203.9	558.5	298.1	335.8	359.8	407.8
77.5°	356.4	383.8	613.4	1391.2	*1353.5*	1243.9	342.7	229.6	270.7	257.0	239.9
80°	212.5	236.4	373.5	791.6	*815.5*	723.0	209.0	161.1	188.5	164.5	147.3
82.5°	123.4	133.6	195.3	356.4	*517.4*	476.3	119.9	95.9	137.1	109.7	82.2
85°	61.7	65.1	89.1	154.2	*257.0*	195.3	51.4	44.5	65.1	48.0	27.4
87.5°	13.7	13.7	13.7	17.1	*24.0*	24.0	6.9	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: P1500806
CATALOG NUMBER: GSS-SB3B-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3598.0	3598.0	3598.0	3598.0	3598.0	3598.0	3598.0	3598.0	3598.0	3598.0	3598.0
2.5°	3604.9	3611.7	3587.7	3560.3	3553.5	3532.9	3539.7	3526.0	3505.5	3508.9	3512.3
5°	3639.1	3625.4	3577.4	3515.8	3460.9	3399.3	3327.3	3245.1	3186.8	3162.8	3183.4
7.5°	3670.0	3656.3	3574.0	3436.9	3251.9	2994.9	2727.6	2484.3	2316.4	2254.7	2268.5
10°	3755.6	3700.8	3550.0	3251.9	2809.9	2323.3	2052.6	1901.8	1850.4	1823.0	1826.4
12.5°	3868.7	3793.3	3505.5	2929.8	2261.6	1953.2	1857.3	1823.0	1805.9	1799.0	1805.9
15°	4005.8	3889.3	3399.3	2525.5	2008.0	1888.1	1867.5	1871.0	1871.0	1874.4	1874.4
17.5°	4125.7	3944.1	3207.4	2234.2	1956.6	1922.4	1942.9	1960.1	1960.1	1963.5	1960.1
20°	4235.4	3971.5	2960.6	2110.8	1966.9	1984.0	2032.0	2049.1	2052.6	2049.1	2049.1
22.5°	4351.9	3988.6	2713.9	2042.3	1990.9	2042.3	2093.7	2117.7	2124.5	2128.0	2131.4
25°	4464.9	3954.4	2511.7	1987.5	1980.6	2052.6	2110.8	2141.7	2148.5	2148.5	2151.9
27.5°	4578.0	3944.1	2374.7	1915.5	1932.6	1990.9	2059.4	2100.5	2128.0	2131.4	2134.8
30°	4708.2	3913.3	2244.5	1819.6	1826.4	1898.4	1970.3	2042.3	2097.1	2121.1	2121.1
32.5°	4797.3	3882.4	2128.0	1716.8	1716.8	1792.1	1881.2	1970.3	2049.1	2097.1	2107.4
35°	4883.0	3855.0	2025.2	1614.0	1617.4	1689.3	1781.9	1877.8	1977.2	2035.4	2062.9
37.5°	4927.6	3827.6	1953.2	1535.1	1521.4	1596.8	1658.5	1737.3	1843.5	1939.5	1963.5
40°	4937.8	3827.6	1946.3	1480.3	1422.1	1507.7	1535.1	1590.0	1685.9	1788.7	1826.4
42.5°	4869.3	3789.9	1980.6	1446.1	1319.3	1380.9	1411.8	1439.2	1500.9	1586.5	1617.4
45°	4787.1	3738.5	2011.5	1398.1	1192.5	1240.5	1288.4	1291.9	1319.3	1339.8	1360.4
47.5°	4718.5	3683.7	1956.6	1309.0	1062.3	1096.5	1147.9	1147.9	1134.2	1093.1	1079.4
50°	4773.4	3700.8	1864.1	1182.2	942.3	966.3	1021.1	990.3	959.5	873.8	863.5
52.5°	4821.3	3765.9	1754.5	1058.8	839.5	863.5	918.3	870.4	808.7	740.2	729.9
55°	4742.5	3769.3	1552.3	921.8	767.6	788.1	839.5	781.3	723.0	681.9	675.1
57.5°	4506.1	3666.5	1339.8	815.5	705.9	726.5	774.4	716.2	661.3	657.9	675.1
60°	3985.2	3306.7	1144.5	747.0	647.6	671.6	719.6	657.9	586.0	555.1	565.4
62.5°	3008.6	2542.6	980.0	668.2	592.8	623.7	657.9	558.5	496.9	483.2	469.5
65°	*2199.9*	*1953.2*	*880.7*	*606.5*	*541.4*	*579.1*	*551.7*	*496.9*	*455.7*	*442.0*	*435.2*
67.5°	1422.1	1326.1	757.3	548.3	493.4	524.3	486.6	459.2	414.6	407.8	418.1
70°	870.4	901.2	633.9	483.2	445.5	438.6	445.5	418.1	370.1	380.4	394.1
72.5°	616.8	664.8	544.8	421.5	380.4	366.7	397.5	380.4	346.1	356.4	370.1
75°	442.0	493.4	448.9	346.1	322.1	315.3	370.1	380.4	356.4	363.2	373.5
77.5°	260.4	315.3	318.7	267.3	243.3	281.0	394.1	438.6	421.5	400.9	390.6
80°	167.9	188.5	226.2	171.3	171.3	243.3	431.8	534.6	459.2	407.8	400.9
82.5°	85.7	99.4	147.3	109.7	102.8	181.6	424.9	510.6	507.1	452.3	442.0
85°	24.0	30.8	68.5	48.0	41.1	95.9	318.7	383.8	342.7	250.1	253.6
87.5°	3.4	3.4	0.0	0.0	3.4	13.7	37.7	6.9	6.9	6.9	6.9
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: SP1-2407-184-11

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

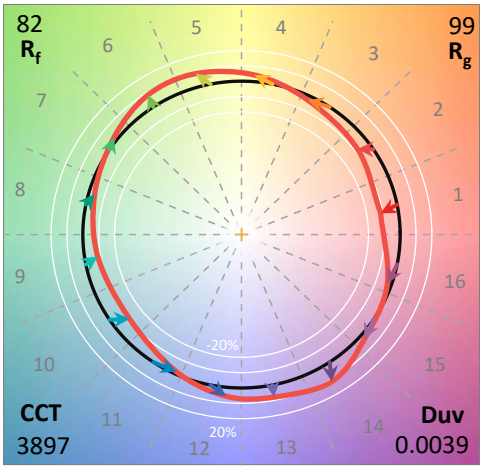
Test Information

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

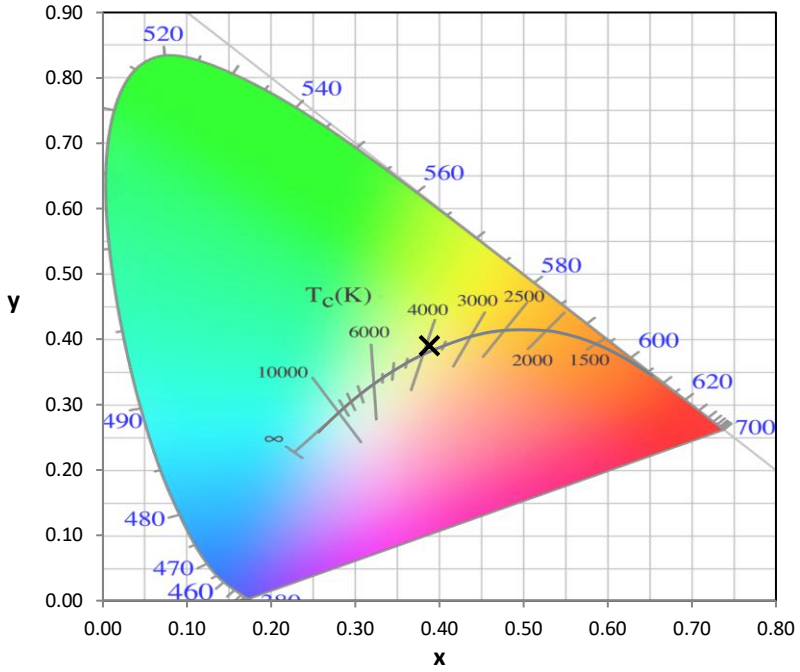
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

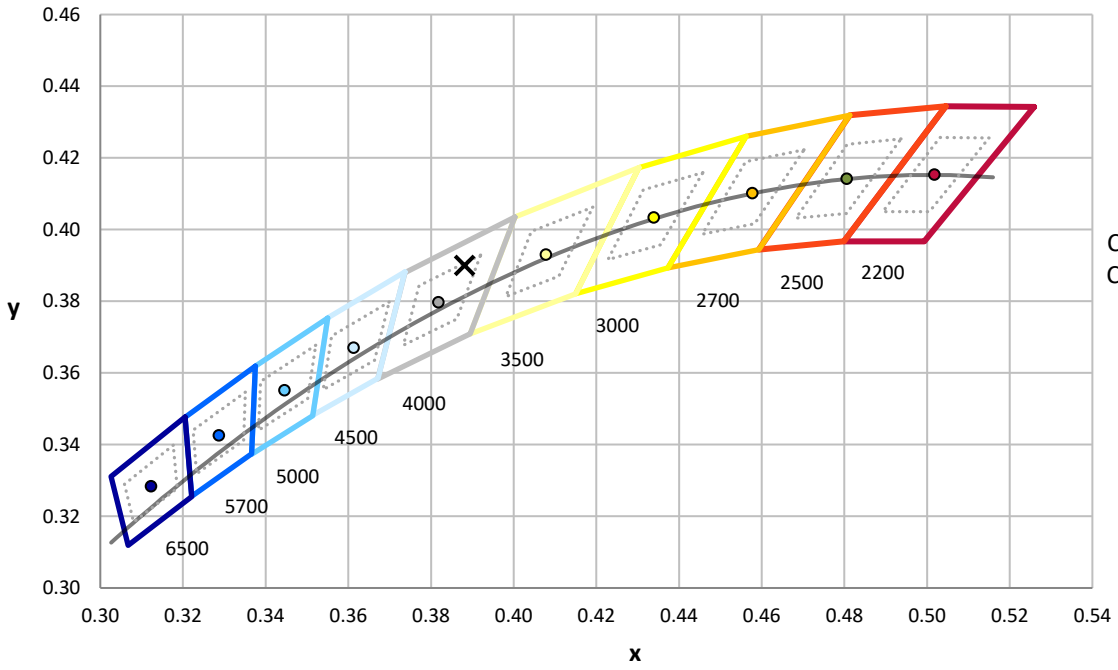
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

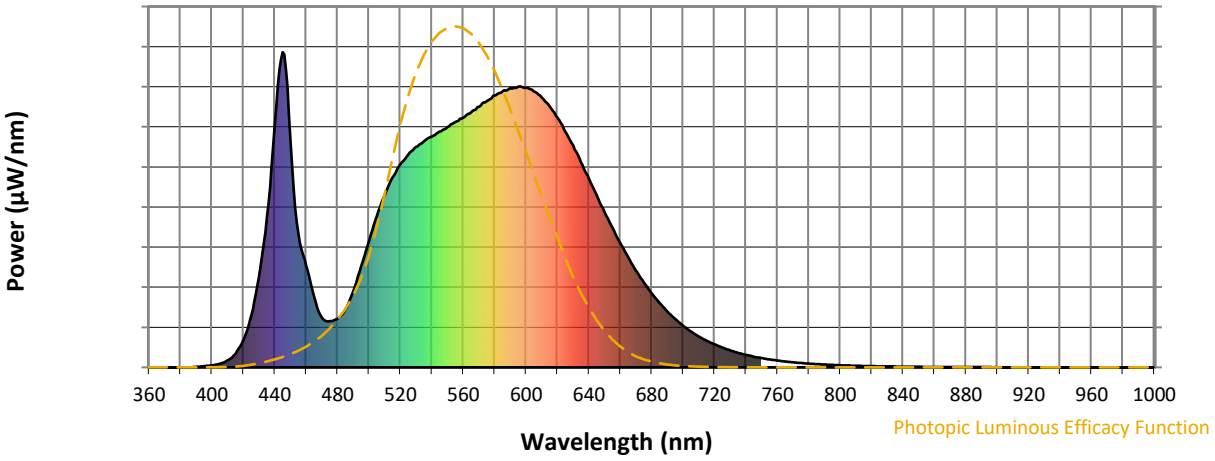


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

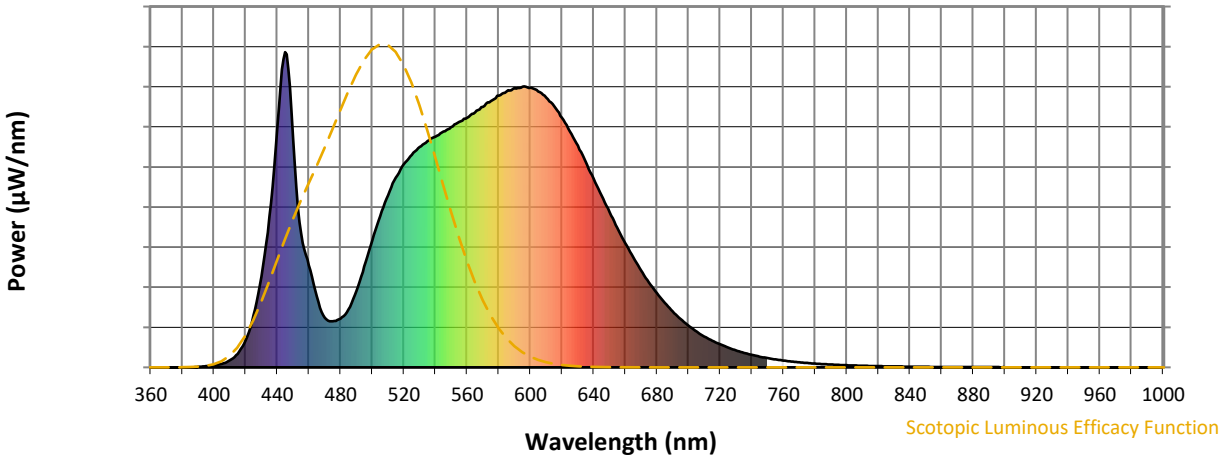


Photopic Lumens: NR

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

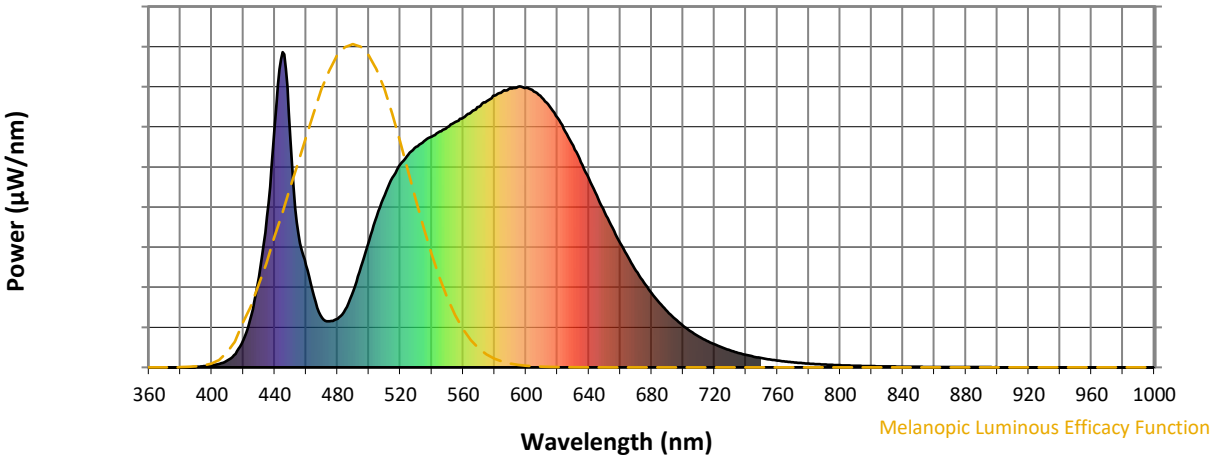


Scotopic Lumens: NR **S/P: 1.57**

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			

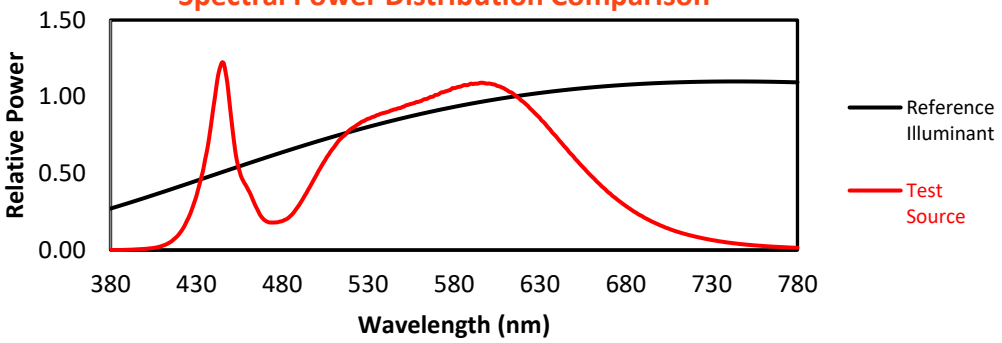
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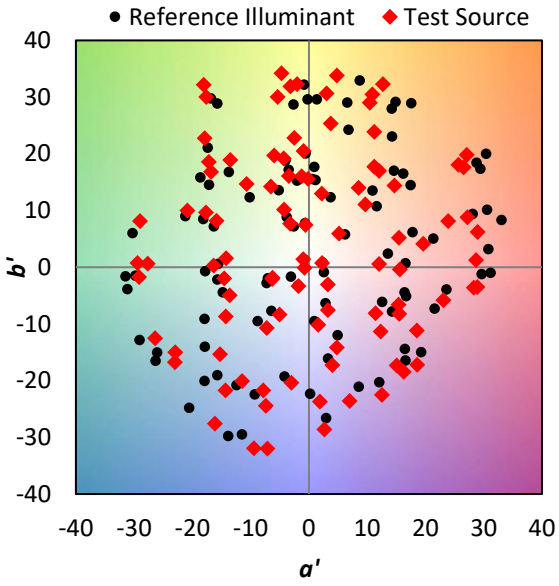
Summary

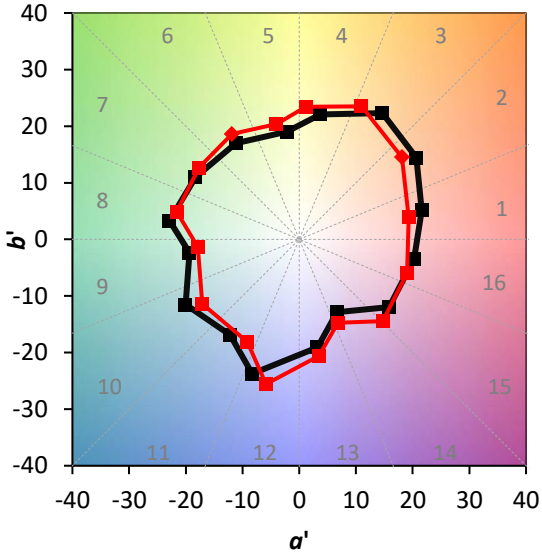
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

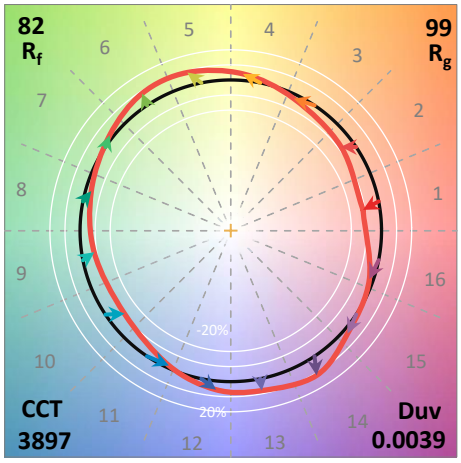
Spectral Power Distribution Comparison

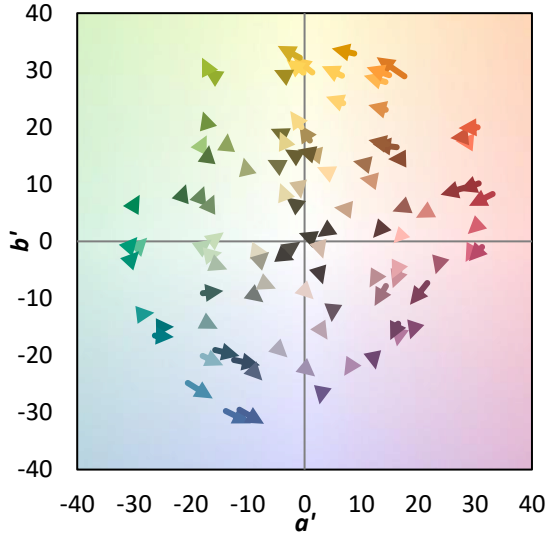


Color Vector Graphics







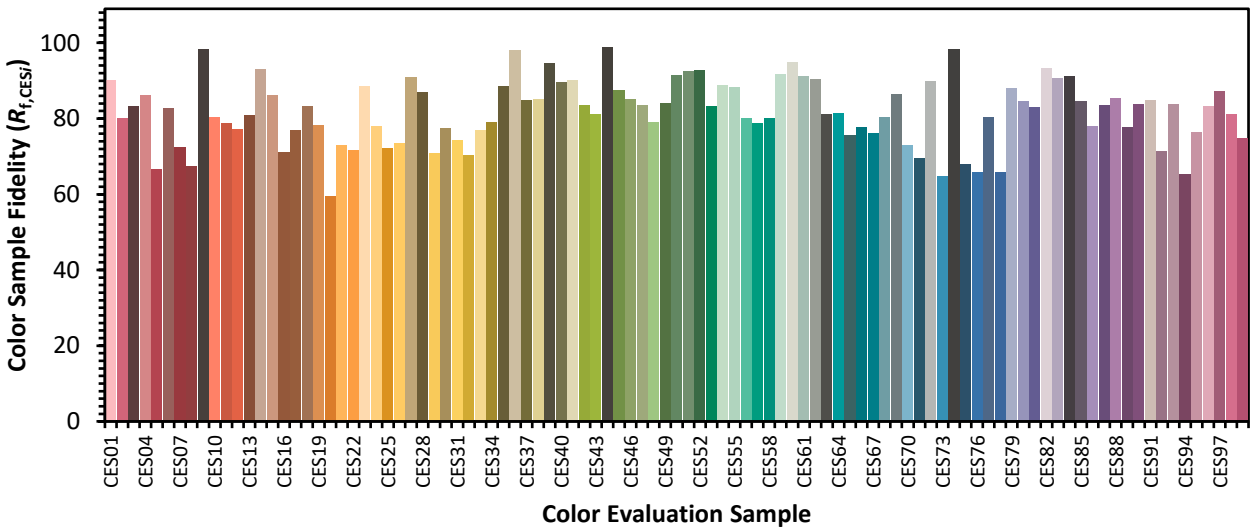


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Individual Sample Fidelity Index ($R_{f,i}$)

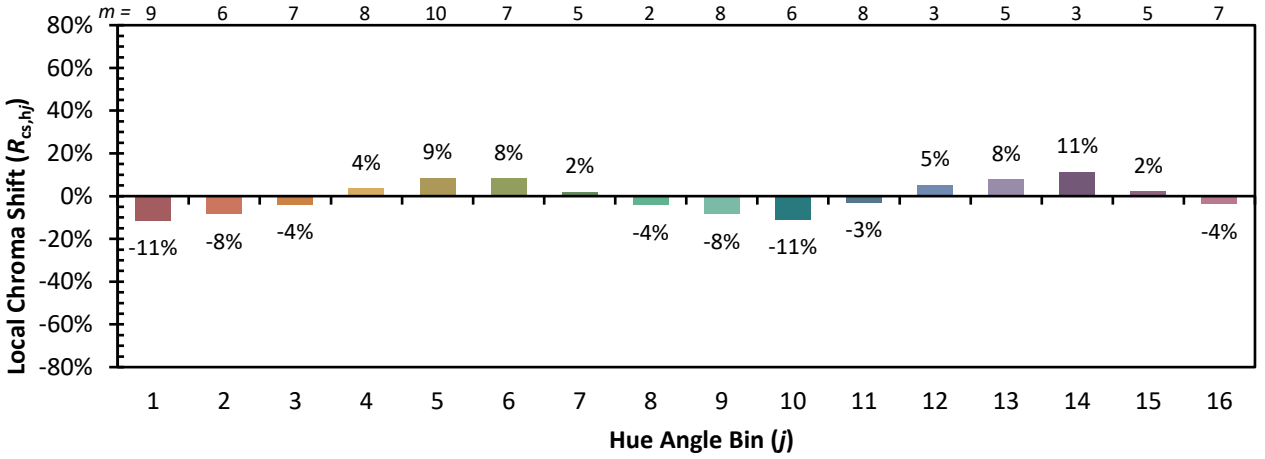
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

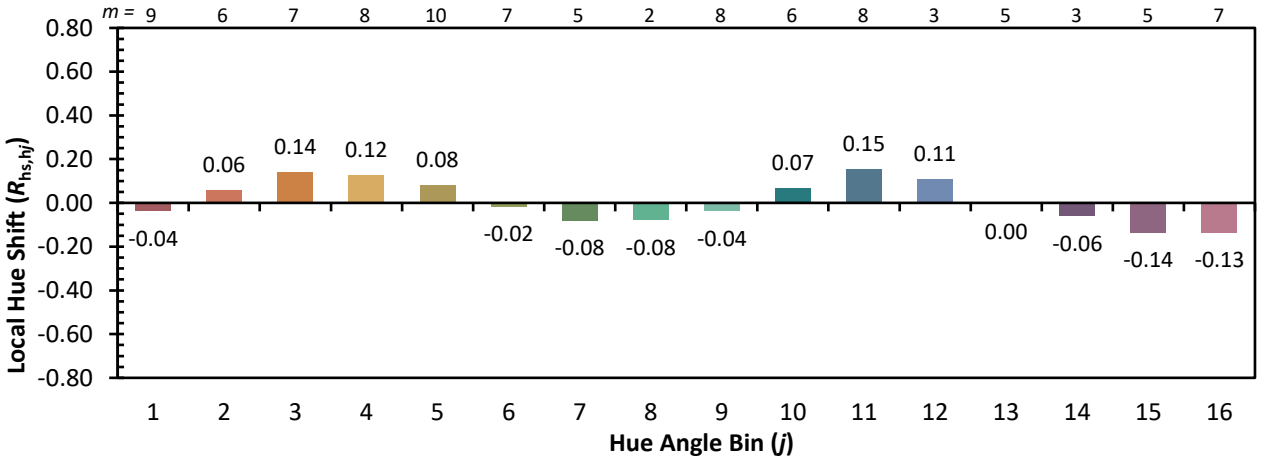


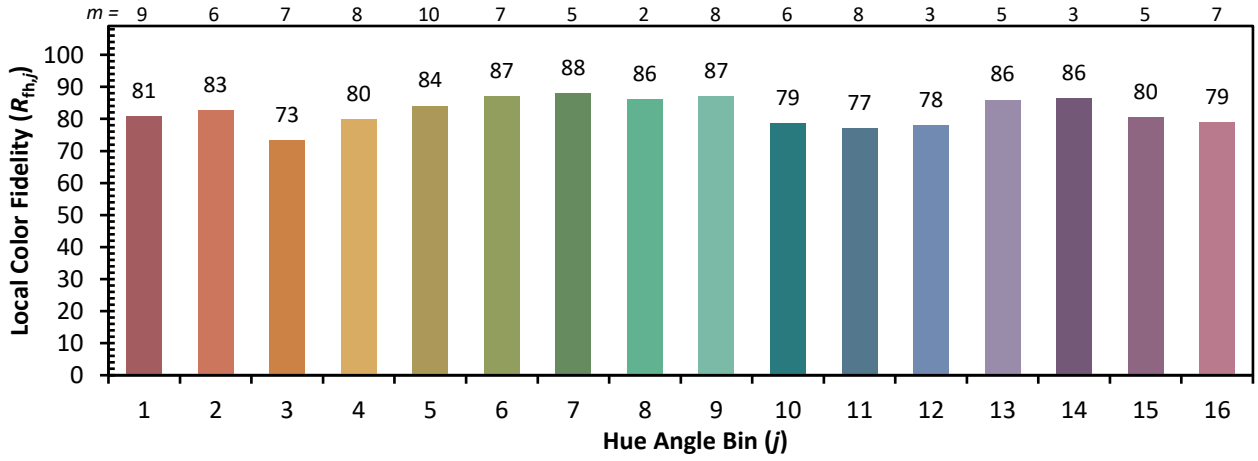
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Color Rendition by Hue-Angle Bin



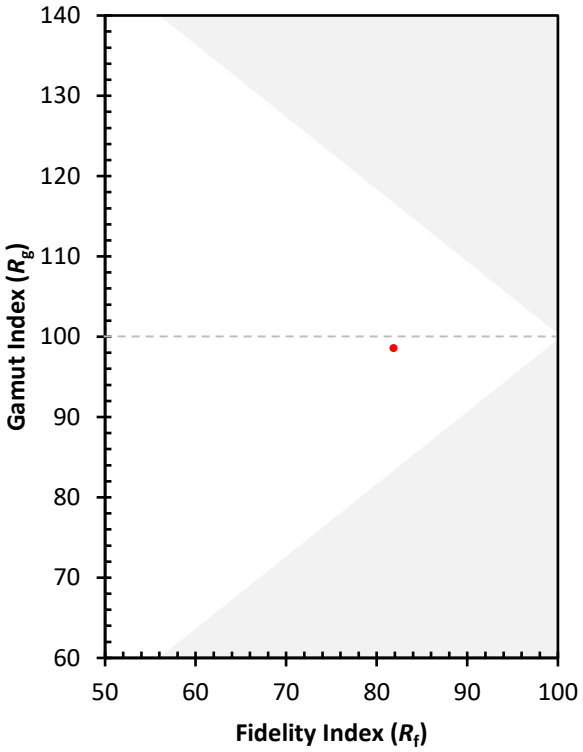


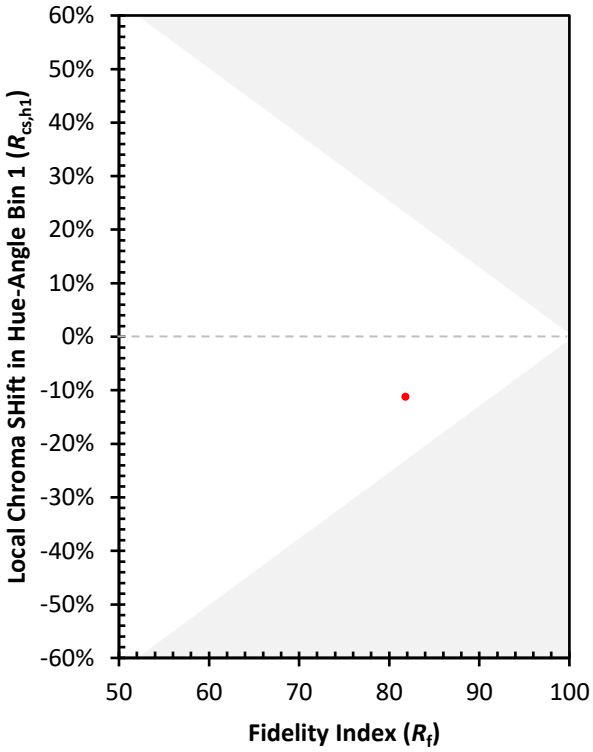


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Measure Comparisons





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