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

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Peachtree City, GA 30269

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: P1500621

Luminaire Tested: GSS-SB5A-727-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:	P1500621
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-727-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20239.2 lumens
Efficiency:	N/A
Efficacy:	141.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

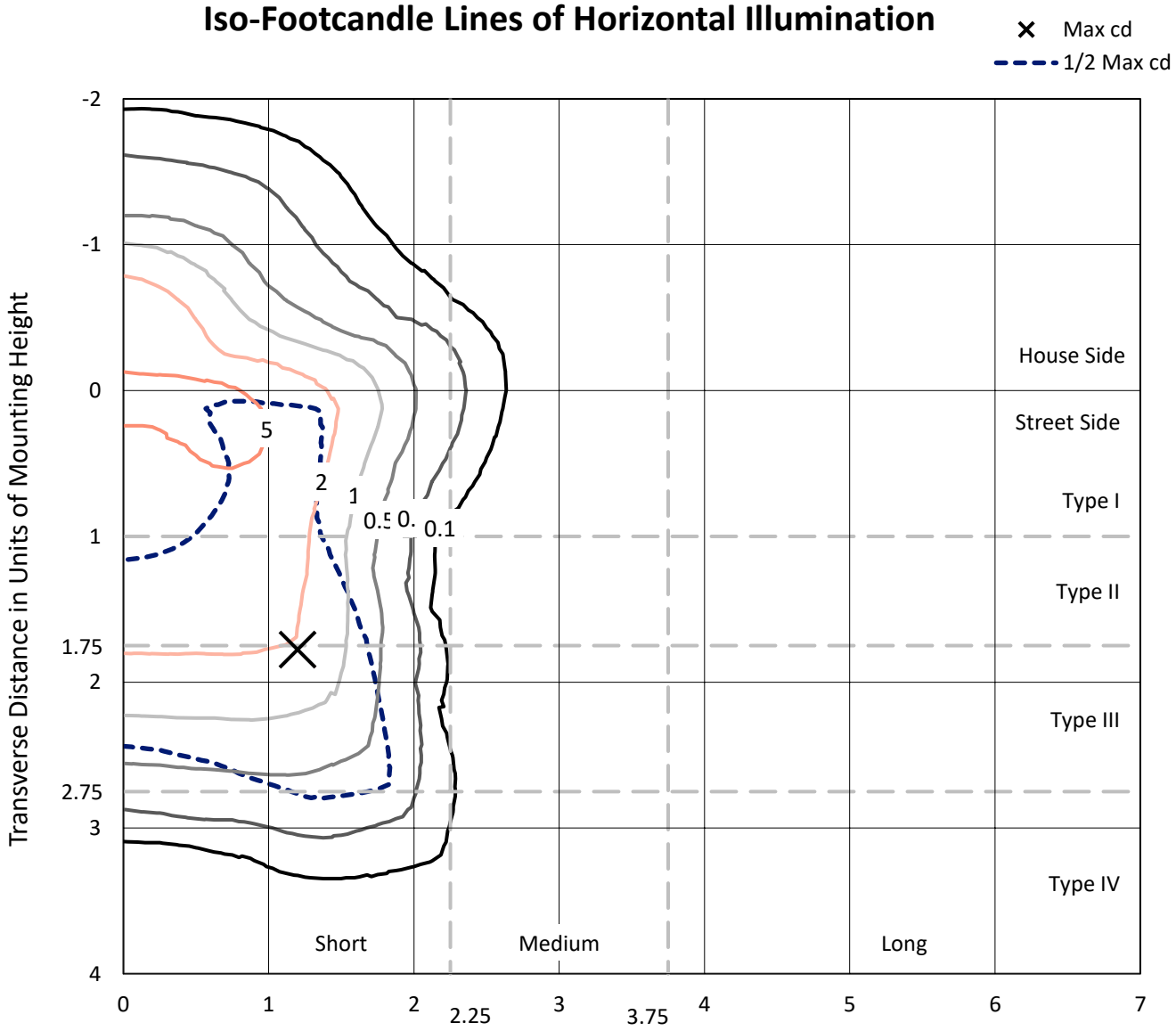
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500621
CATALOG NUMBER: GSS-SB5A-727-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



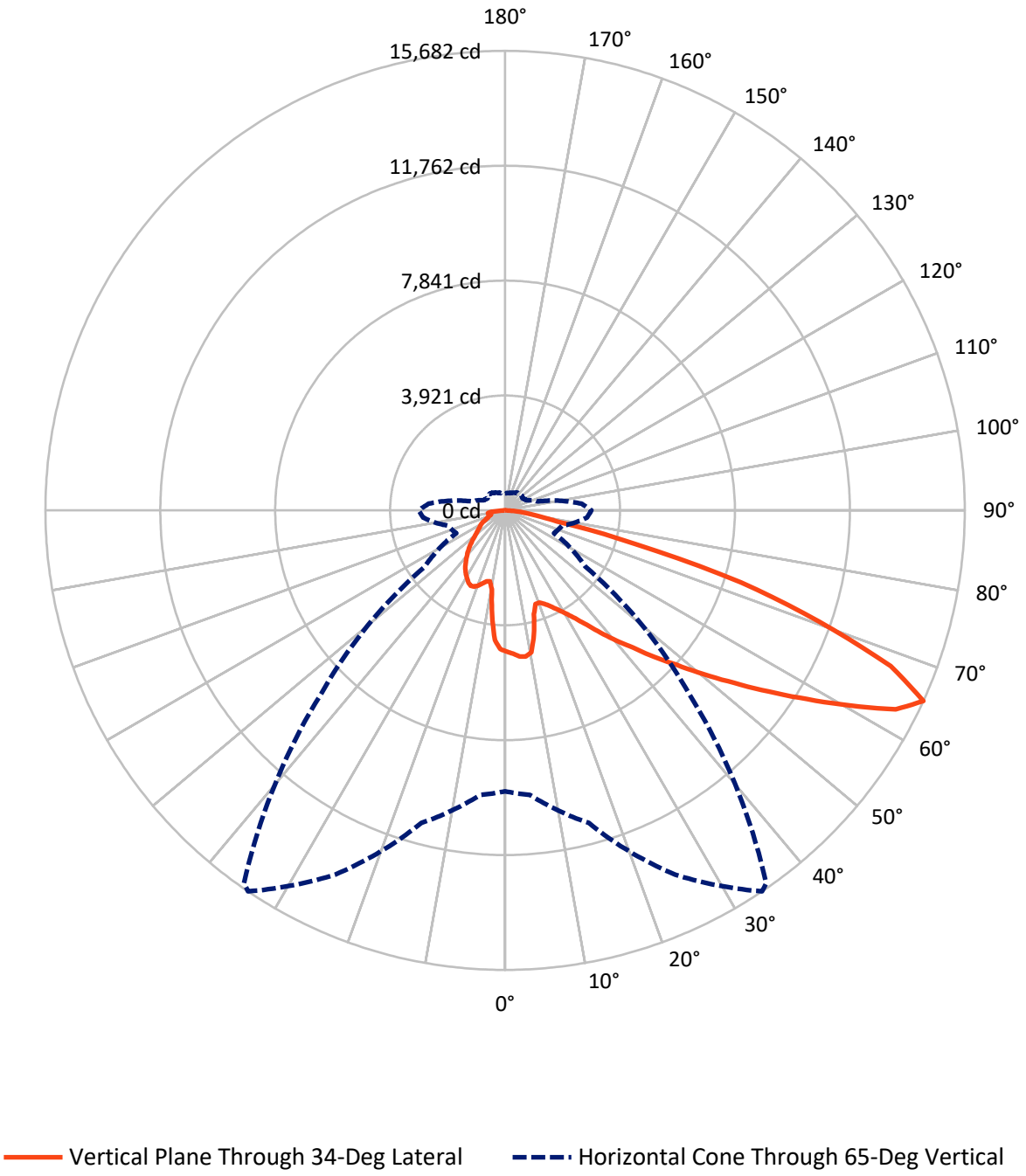
Based on 25 foot mounting height. Maximum calculated value = 8.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1500621
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Luminous Intensity Polar Plot



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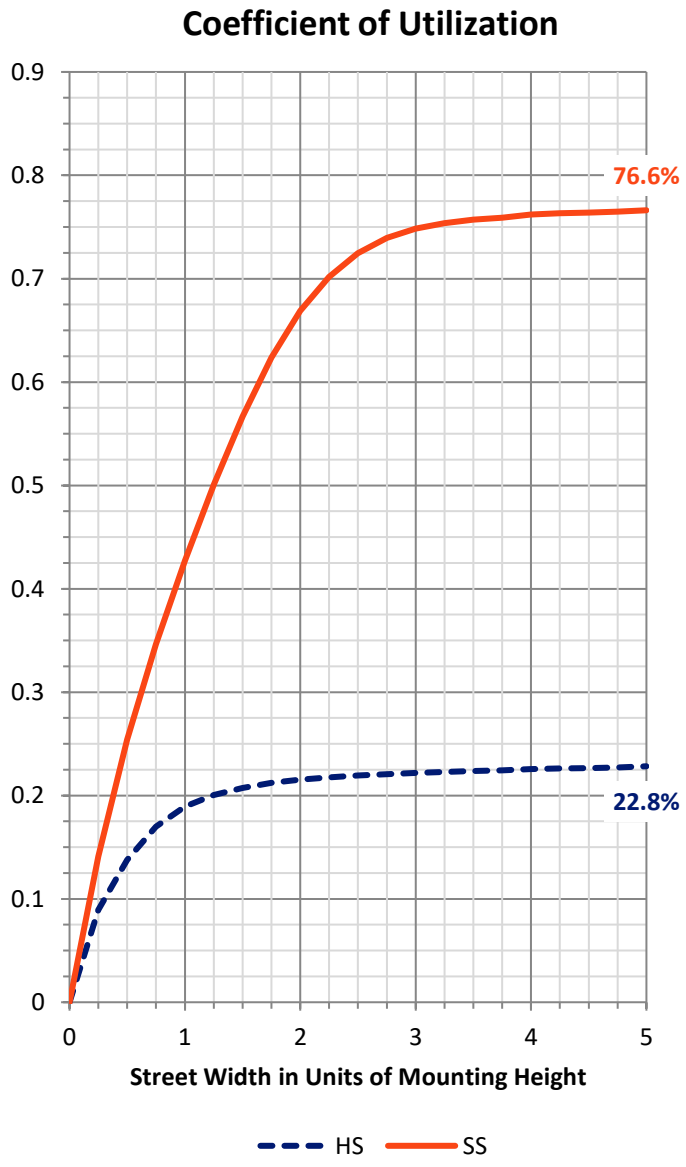
REPORT NUMBER: P1500621
CATALOG NUMBER: GSS-SB5A-727-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4708.8	0.0	4708.8
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	15530.4	0.0	15530.4
	% Fixture	76.7	0.0	76.7
Total	Lumens	20239.2	0.0	20239.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	433.8	2.1
10°-20°	1091.8	5.4
20°-30°	1809.8	8.9
30°-40°	2721.9	13.4
40°-50°	3813.3	18.8
50°-60°	4807.9	23.8
60°-70°	4135.2	20.4
70°-80°	1229.4	6.1
80°-90°	196.2	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°	20239.2	100.0
0°-180°	20239.2	100.0



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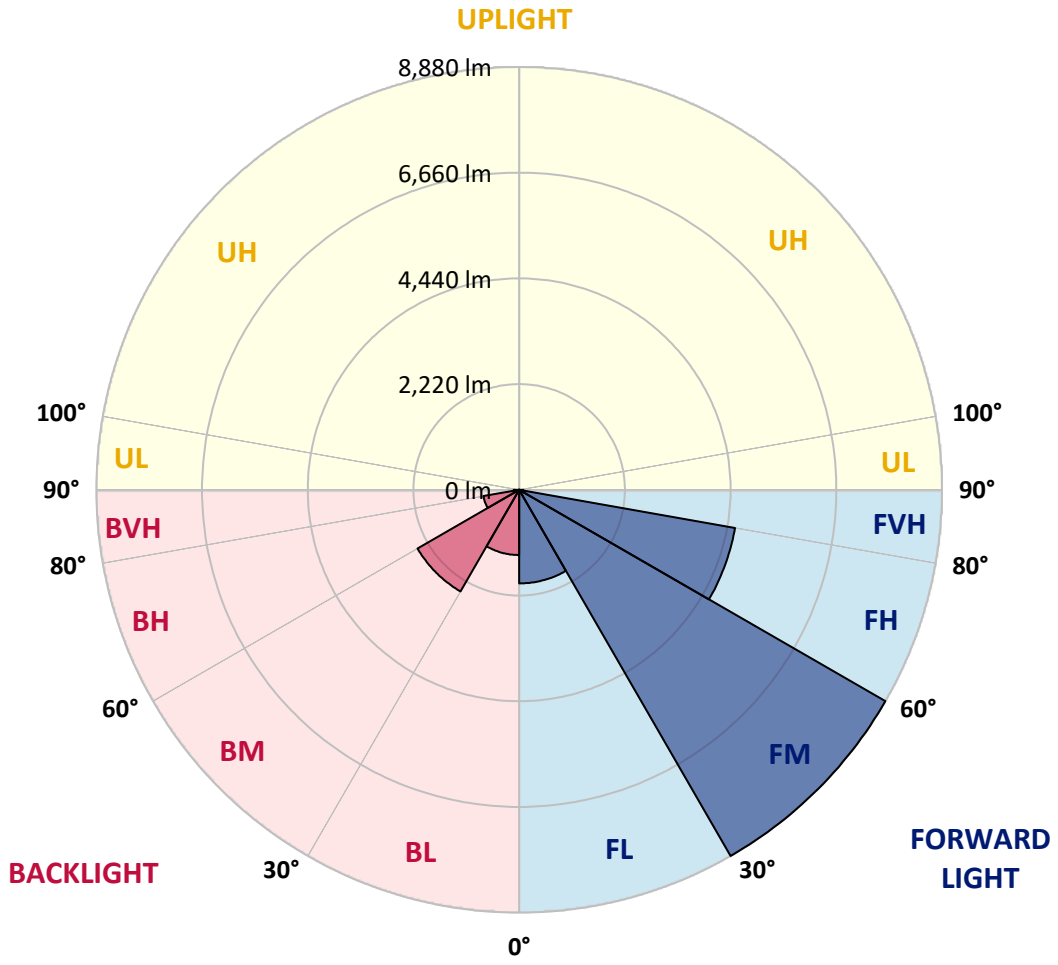
Scaled Data Report

REPORT NUMBER: P1500621
CATALOG NUMBER: GSS-SB5A-727-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1965.4	9.7			
FM	(30°-60°)	8879.5	43.9			
FH	(60°-80°)	4602.5	22.7			G2/5000
FVH	(80°-90°)	83.0	0.4			G1/100
BL	(0°-30°)	1370.1	6.8	B3/2500		
BM	(30°-60°)	2463.5	12.2	B2/2500		
BH	(60°-80°)	762.1	3.8	B2/1000		G2/1000
BVH	(80°-90°)	113.2	0.6			G2/225
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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	4812.0	4812.0	4812.0	4812.0	*4812.0*	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0
2.5°	4903.6	4931.1	4899.0	4885.3	*4889.9*	4894.4	4871.5	4876.1	4848.6	4848.6	4825.7
5°	5009.0	5013.6	4995.3	5009.0	*5004.4*	4999.9	4999.9	4995.3	4935.7	4921.9	4899.0
7.5°	4949.4	4967.8	4976.9	5027.3	*5041.1*	5068.6	5086.9	5096.1	5050.3	5013.6	4954.0
10°	4404.1	4417.8	4523.2	4752.4	*4926.5*	4958.6	5128.2	5224.4	5192.3	5174.0	5073.2
12.5°	3519.6	3542.5	3661.7	3959.6	*4367.4*	4454.5	4995.3	5320.6	5394.0	5398.6	5251.9
15°	3139.2	3139.2	3175.9	3345.5	*3675.4*	3744.2	4541.6	5348.1	5609.4	5641.4	5462.7
17.5°	3061.3	3056.7	3079.7	3180.5	*3354.6*	3395.9	4019.1	5206.1	5866.0	5921.0	5691.9
20°	3056.7	3043.0	3088.8	3203.4	*3354.6*	3391.3	3776.2	4958.6	6067.6	6241.8	5921.0
22.5°	3061.3	3061.3	3125.5	3290.5	*3464.6*	3496.7	3822.1	4752.4	6232.6	6576.3	6163.9
25°	3111.7	3102.6	3194.2	3395.9	*3634.2*	3657.1	4010.0	4743.2	6374.7	6952.1	6457.2
27.5°	3194.2	3198.8	3322.5	3565.4	*3835.8*	3881.6	4271.2	4940.3	6548.8	7364.6	6741.3
30°	3368.4	3373.0	3519.6	3767.1	*4078.7*	4138.3	4573.7	5233.6	6796.3	7809.1	7048.4
32.5°	3565.4	3588.3	3767.1	4055.8	*4390.3*	4422.4	4944.9	5673.5	7167.5	8253.7	7378.3
35°	3895.4	3918.3	4120.0	4422.4	*4793.6*	4839.5	5398.6	6182.2	7621.2	8702.8	7635.0
37.5°	4321.6	4339.9	4537.0	4903.6	*5297.7*	5343.6	5902.7	6723.0	8079.5	9060.2	7864.1
40°	4830.3	4871.5	5082.3	5439.8	*5838.5*	5866.0	6452.6	7245.4	8574.4	9307.7	7955.8
42.5°	5384.8	5426.1	5641.4	6035.6	*6402.2*	6484.7	7048.4	7800.0	8977.7	9417.7	7882.4
45°	6095.1	6086.0	6287.6	6700.1	*7130.9*	7162.9	7685.4	8258.2	9220.6	9326.0	7809.1
47.5°	6956.7	6965.9	7094.2	7428.7	*7873.3*	7946.6	8349.9	8652.4	9362.7	9252.7	7726.6
50°	7928.3	7951.2	8061.2	8304.1	*8780.7*	8831.1	8950.2	8927.3	9449.8	9096.9	7758.7
52.5°	8899.8	8913.6	9060.2	9316.9	*9779.7*	9816.4	9555.2	9138.1	9124.4	8469.0	7690.0
55°	9697.2	9692.7	9953.9	10348.0	*10911.7*	10888.8	10150.9	8977.7	8107.0	7492.9	7382.9
57.5°	10389.2	10416.7	10755.9	11438.7	*12149.0*	12130.7	10788.0	8129.9	6622.2	6338.0	6883.4
60°	11012.5	11076.7	11713.7	12735.6	*13519.3*	13409.3	10902.5	6851.3	5151.1	4963.2	5893.5
62.5°	10742.1	10861.3	11883.2	13876.8	*14953.7*	14710.8	10196.8	5306.9	3487.5	3318.0	4165.8
65°	*9587.3*	*9747.7*	*11044.6*	*13711.8*	*15682.4*	*15531.2*	*8913.6*	*3336.3*	*1837.7*	*2016.4*	*2804.7*
67.5°	8052.0	8244.5	9646.8	12318.6	*14188.4*	13863.0	6924.6	1755.2	857.0	1329.0	1741.5
70°	4413.3	4889.9	6975.0	10476.3	*11365.4*	10911.7	4005.4	829.5	623.3	829.5	1040.3
72.5°	1659.0	1773.5	3024.7	7043.8	*8418.6*	7859.5	1521.5	536.2	522.4	614.1	751.6
75°	797.4	852.4	1315.3	3203.4	*4596.6*	4284.9	747.0	398.7	449.1	481.2	545.4
77.5°	476.6	513.3	820.3	1860.6	*1810.2*	1663.6	458.3	307.0	362.0	343.7	320.8
80°	284.1	316.2	499.5	1058.6	*1090.7*	967.0	279.6	215.4	252.1	220.0	197.1
82.5°	165.0	178.7	261.2	476.6	*692.0*	637.0	160.4	128.3	183.3	146.7	110.0
85°	82.5	87.1	119.2	206.2	*343.7*	261.2	68.7	59.6	87.1	64.2	36.7
87.5°	18.3	18.3	18.3	22.9	*32.1*	32.1	9.2	4.6	4.6	4.6	4.6
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: P1500621
CATALOG NUMBER: GSS-SB5A-727-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0	4812.0
2.5°	4821.1	4830.3	4798.2	4761.5	4752.4	4724.9	4734.0	4715.7	4688.2	4692.8	4697.4
5°	4867.0	4848.6	4784.5	4702.0	4628.6	4546.2	4449.9	4339.9	4262.0	4229.9	4257.4
7.5°	4908.2	4889.9	4779.9	4596.6	4349.1	4005.4	3647.9	3322.5	3098.0	3015.5	3033.8
10°	5022.8	4949.4	4747.8	4349.1	3757.9	3107.1	2745.1	2543.5	2474.7	2438.1	2442.6
12.5°	5174.0	5073.2	4688.2	3918.3	3024.7	2612.2	2483.9	2438.1	2415.1	2406.0	2415.1
15°	5357.3	5201.5	4546.2	3377.5	2685.5	2525.1	2497.6	2502.2	2502.2	2506.8	2506.8
17.5°	5517.7	5274.8	4289.5	2988.0	2616.8	2571.0	2598.5	2621.4	2621.4	2626.0	2621.4
20°	5664.4	5311.5	3959.6	2823.0	2630.5	2653.5	2717.6	2740.5	2745.1	2740.5	2740.5
22.5°	5820.2	5334.4	3629.6	2731.4	2662.6	2731.4	2800.1	2832.2	2841.3	2845.9	2850.5
25°	5971.4	5288.6	3359.2	2658.0	2648.9	2745.1	2823.0	2864.3	2873.4	2873.4	2878.0
27.5°	6122.6	5274.8	3175.9	2561.8	2584.7	2662.6	2754.3	2809.3	2845.9	2850.5	2855.1
30°	6296.8	5233.6	3001.7	2433.5	2442.6	2538.9	2635.1	2731.4	2804.7	2836.8	2836.8
32.5°	6415.9	5192.3	2845.9	2296.0	2296.0	2396.8	2516.0	2635.1	2740.5	2804.7	2818.4
35°	6530.5	5155.7	2708.4	2158.5	2163.1	2259.3	2383.1	2511.4	2644.3	2722.2	2758.9
37.5°	6590.1	5119.0	2612.2	2053.1	2034.8	2135.6	2218.1	2323.5	2465.6	2593.9	2626.0
40°	6603.8	5119.0	2603.0	1979.8	1901.9	2016.4	2053.1	2126.4	2254.7	2392.2	2442.6
42.5°	6512.2	5068.6	2648.9	1933.9	1764.4	1846.9	1888.1	1924.8	2007.3	2121.8	2163.1
45°	6402.2	4999.9	2690.1	1869.8	1594.8	1659.0	1723.1	1727.7	1764.4	1791.9	1819.4
47.5°	6310.5	4926.5	2616.8	1750.6	1420.7	1466.5	1535.2	1535.2	1516.9	1461.9	1443.6
50°	6383.9	4949.4	2493.1	1581.1	1260.3	1292.4	1365.7	1324.4	1283.2	1168.6	1154.9
52.5°	6448.0	5036.5	2346.4	1416.1	1122.8	1154.9	1228.2	1164.0	1081.5	989.9	976.1
55°	6342.6	5041.1	2076.0	1232.8	1026.6	1054.0	1122.8	1044.9	967.0	912.0	902.8
57.5°	6026.4	4903.6	1791.9	1090.7	944.1	971.6	1035.7	957.8	884.5	879.9	902.8
60°	5329.8	4422.4	1530.7	999.1	866.2	898.2	962.4	879.9	783.7	742.4	756.2
62.5°	4023.7	3400.4	1310.7	893.6	792.8	834.1	879.9	747.0	664.5	646.2	627.8
65°	*2942.2*	*2612.2*	*1177.8*	*811.2*	*724.1*	*774.5*	*737.8*	*664.5*	*609.5*	*591.2*	*582.0*
67.5°	1901.9	1773.5	1012.8	733.3	659.9	701.2	650.8	614.1	554.5	545.4	559.1
70°	1164.0	1205.3	847.8	646.2	595.8	586.6	595.8	559.1	494.9	508.7	527.0
72.5°	824.9	889.1	728.7	563.7	508.7	490.4	531.6	508.7	462.9	476.6	494.9
75°	591.2	659.9	600.3	462.9	430.8	421.6	494.9	508.7	476.6	485.8	499.5
77.5°	348.3	421.6	426.2	357.5	325.4	375.8	527.0	586.6	563.7	536.2	522.4
80°	224.6	252.1	302.5	229.1	229.1	325.4	577.4	714.9	614.1	545.4	536.2
82.5°	114.6	132.9	197.1	146.7	137.5	242.9	568.3	682.8	678.3	604.9	591.2
85°	32.1	41.2	91.7	64.2	55.0	128.3	426.2	513.3	458.3	334.5	339.1
87.5°	4.6	4.6	0.0	0.0	4.6	18.3	50.4	9.2	9.2	9.2	9.2
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

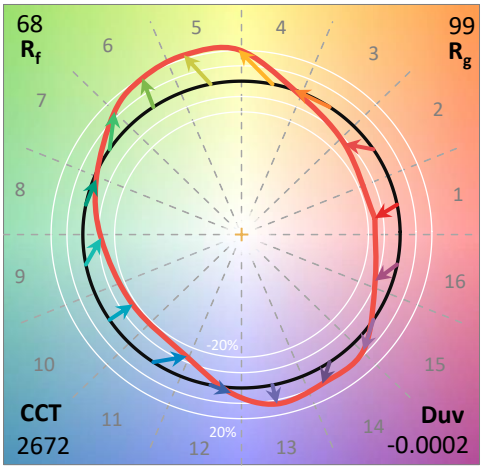
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

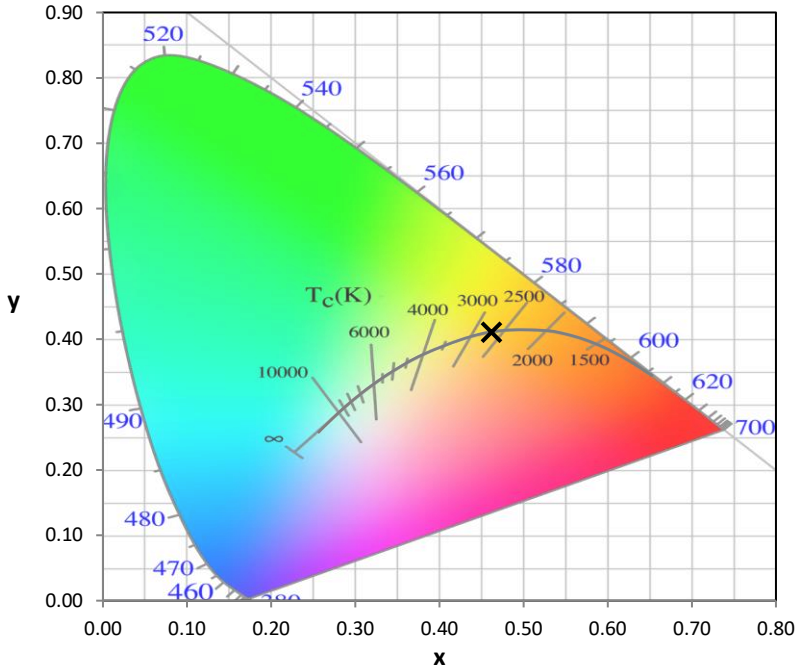
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

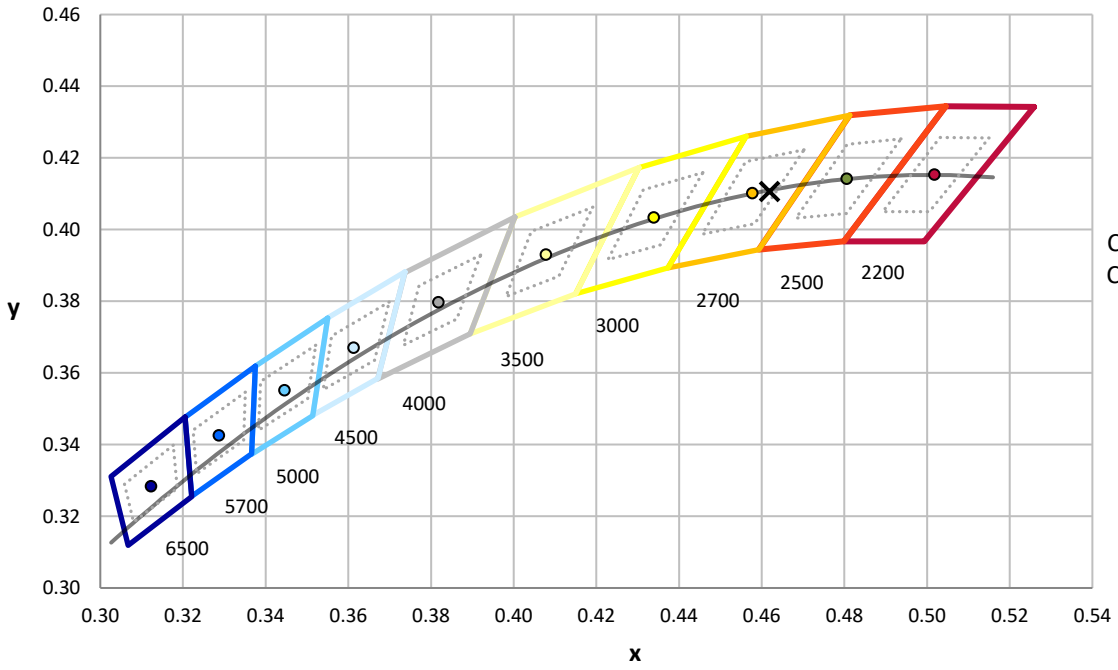
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

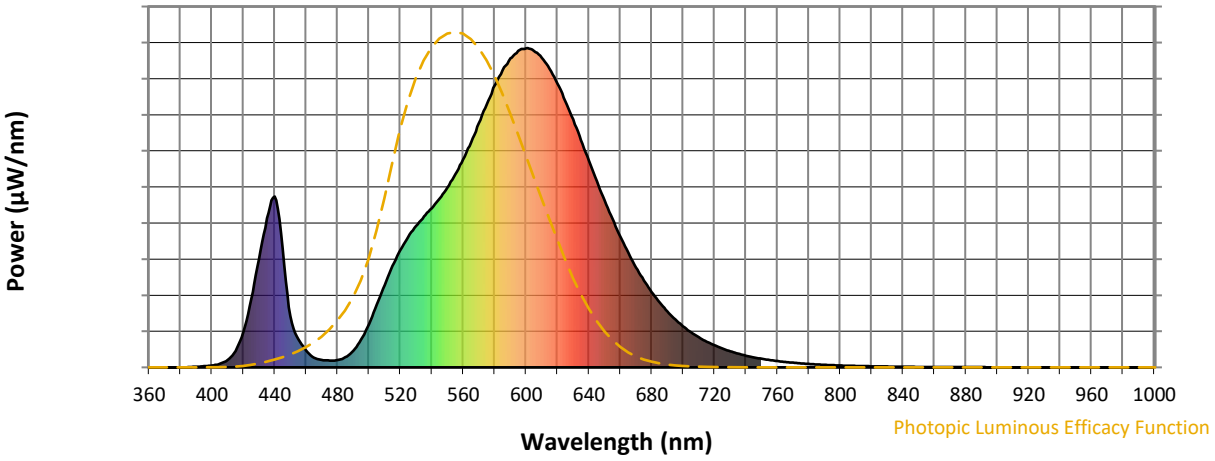


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

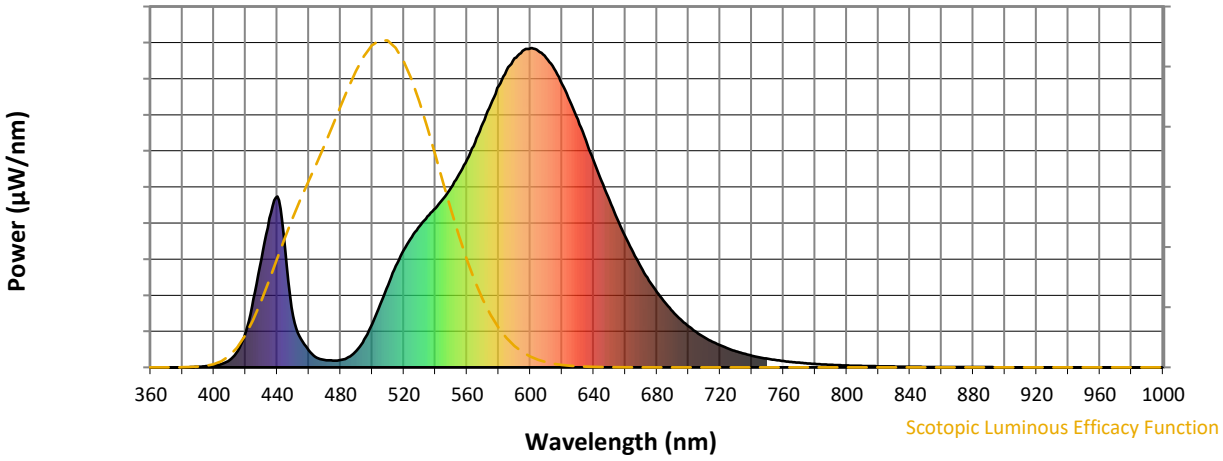


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

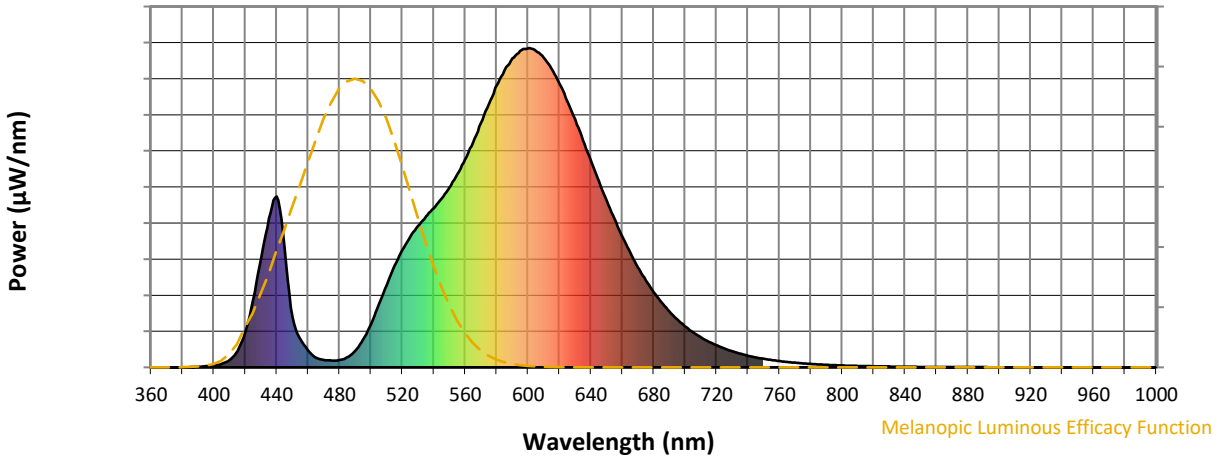


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

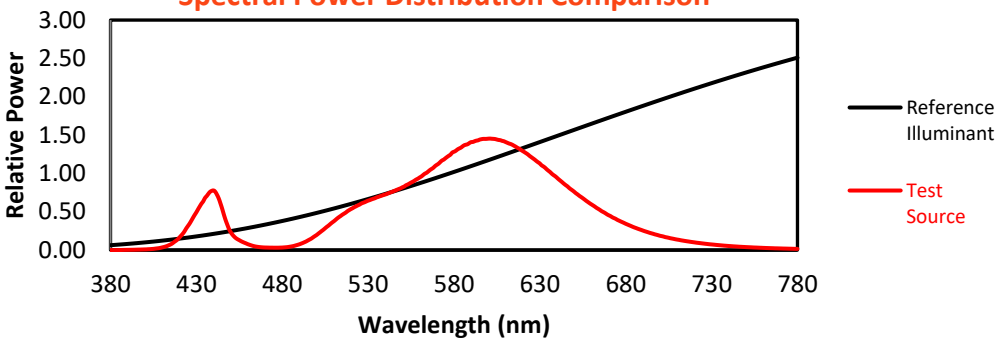
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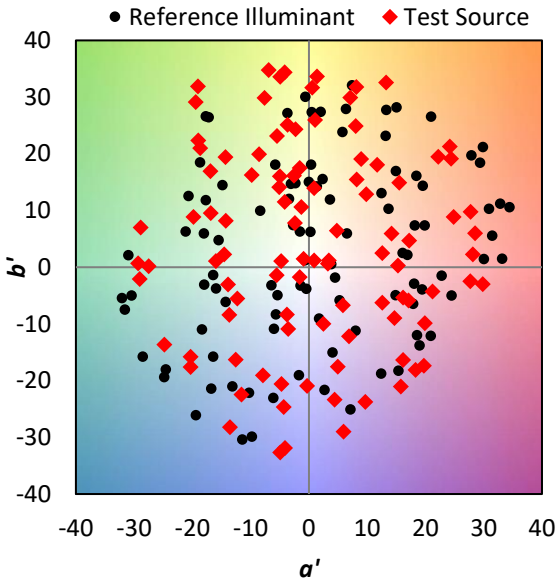
Summary

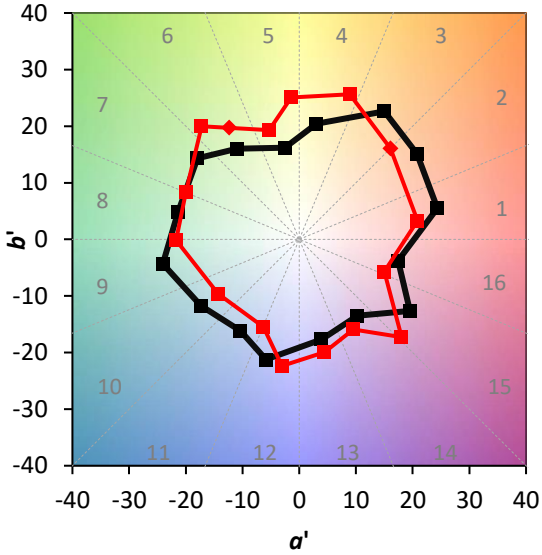
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

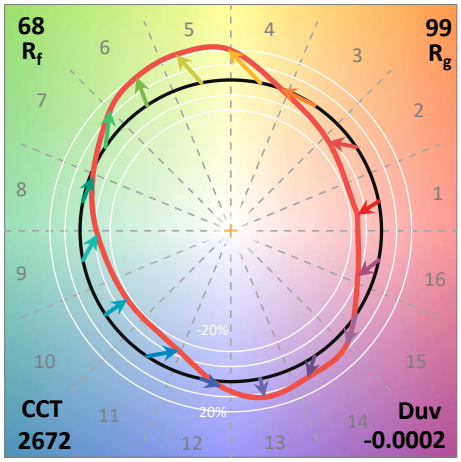
Spectral Power Distribution Comparison

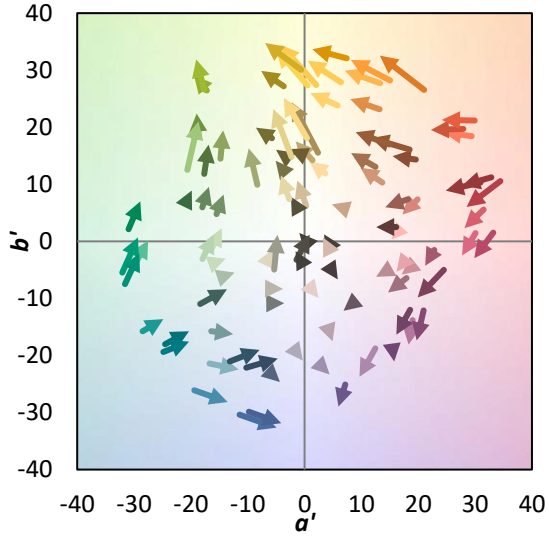


Color Vector Graphics







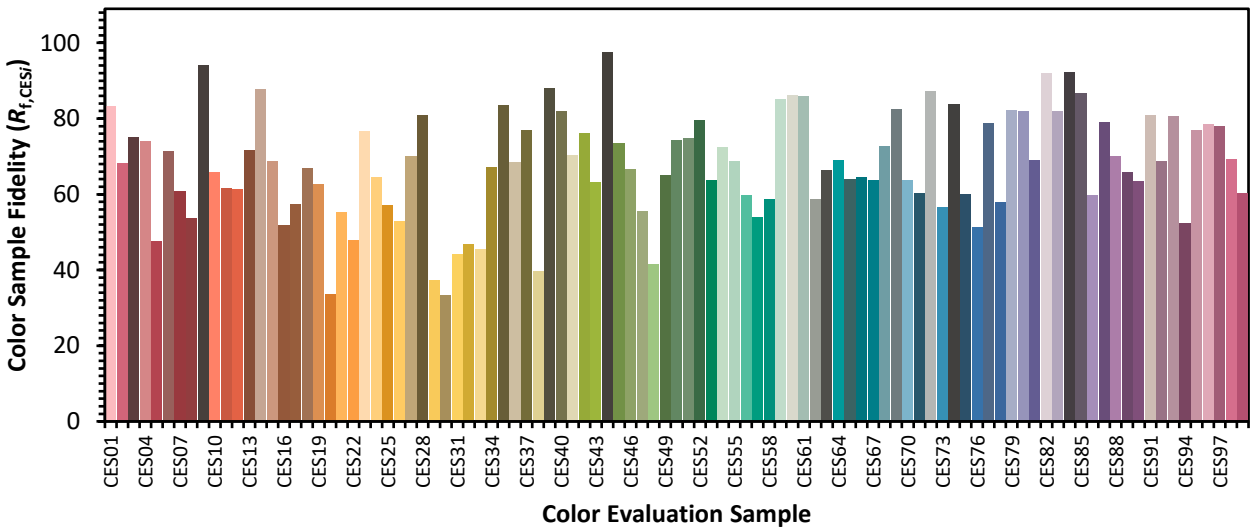


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Individual Sample Fidelity Index ($R_{f,i}$)

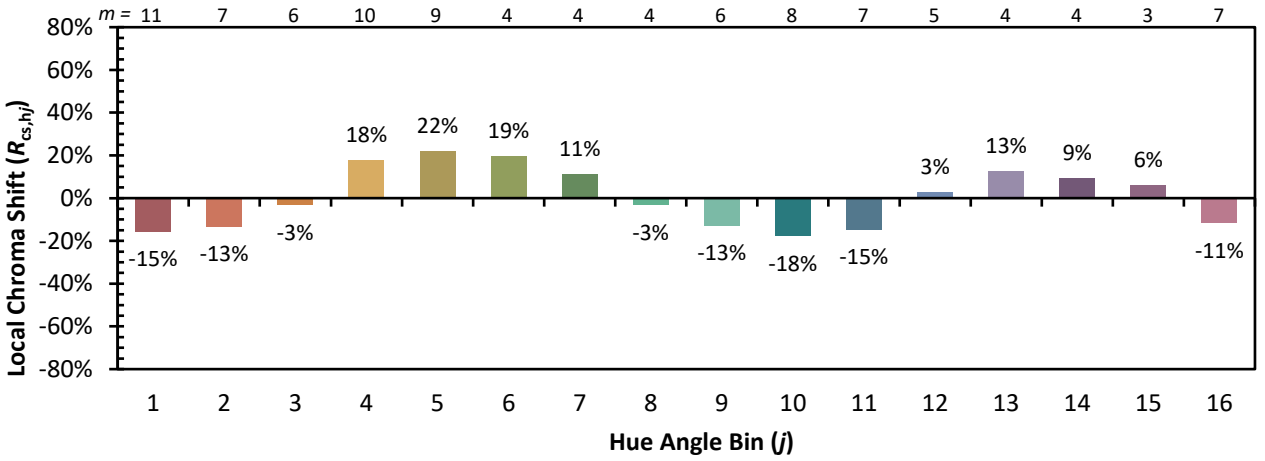
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

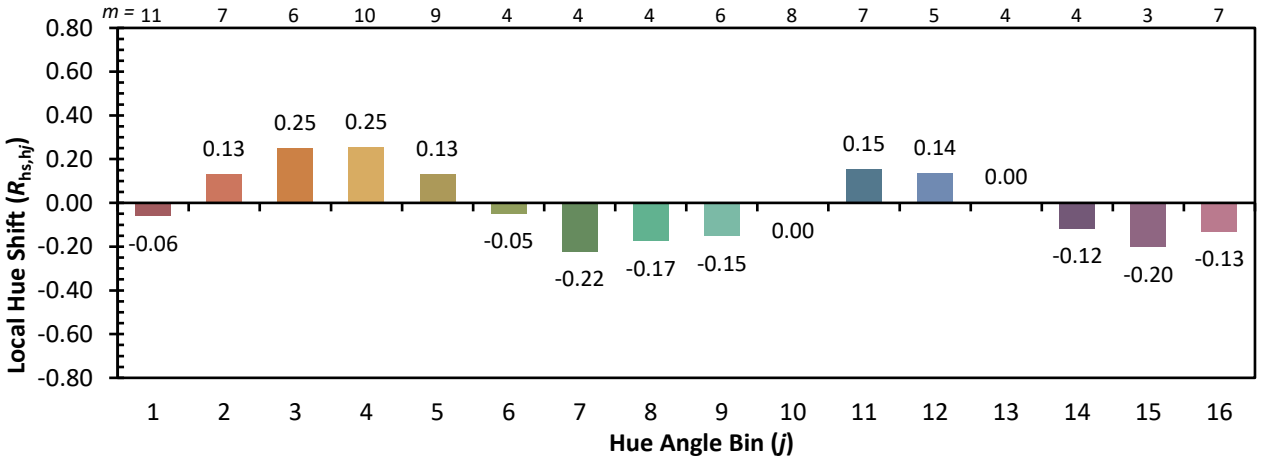


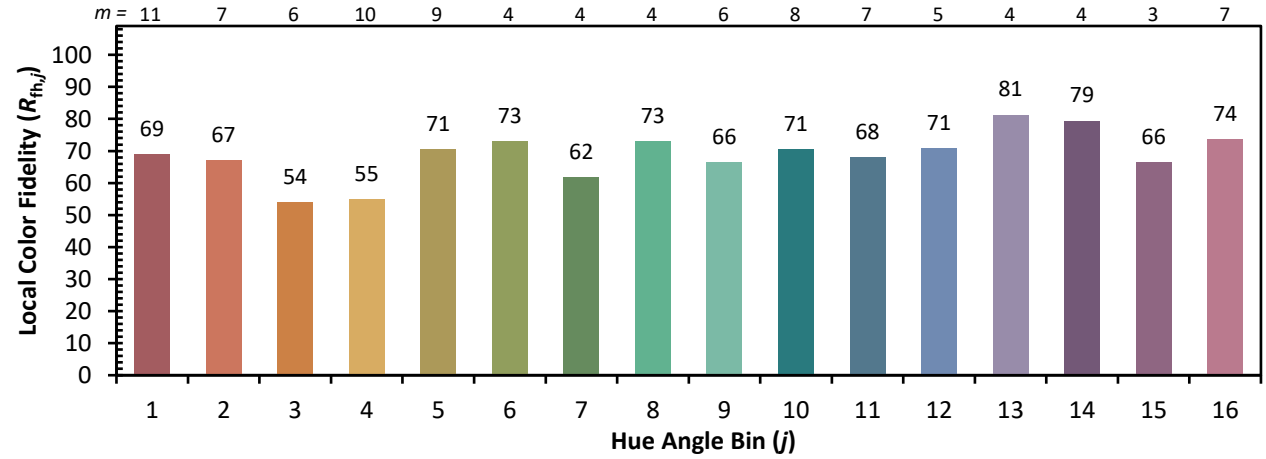
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Color Rendition by Hue-Angle Bin



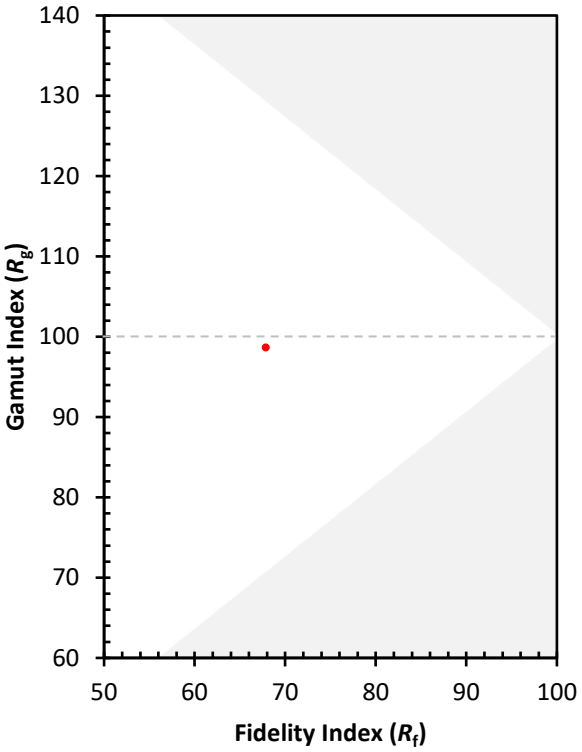


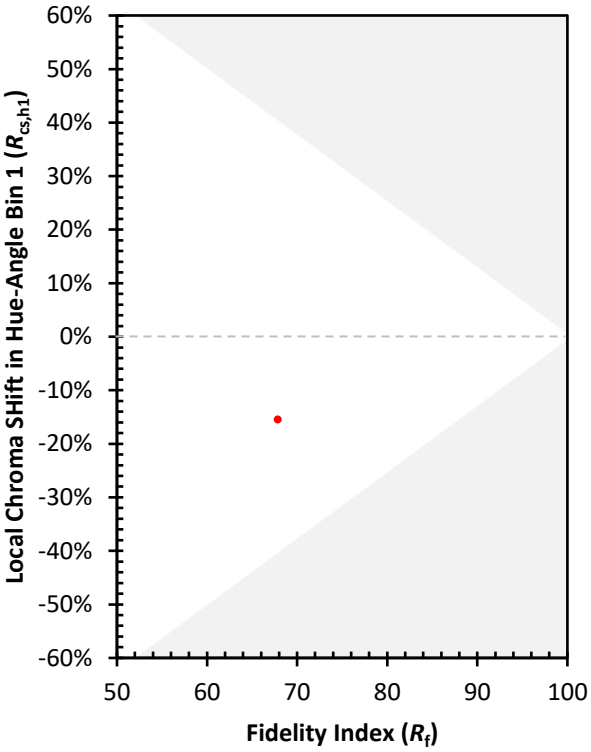


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Measure Comparisons





(END OF REPORT)