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: P1502567

Luminaire Tested: GSS-SB5C-730-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:	P1502567
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-730-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(130) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	29135.1 lumens
Efficiency:	N/A
Efficacy:	115.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

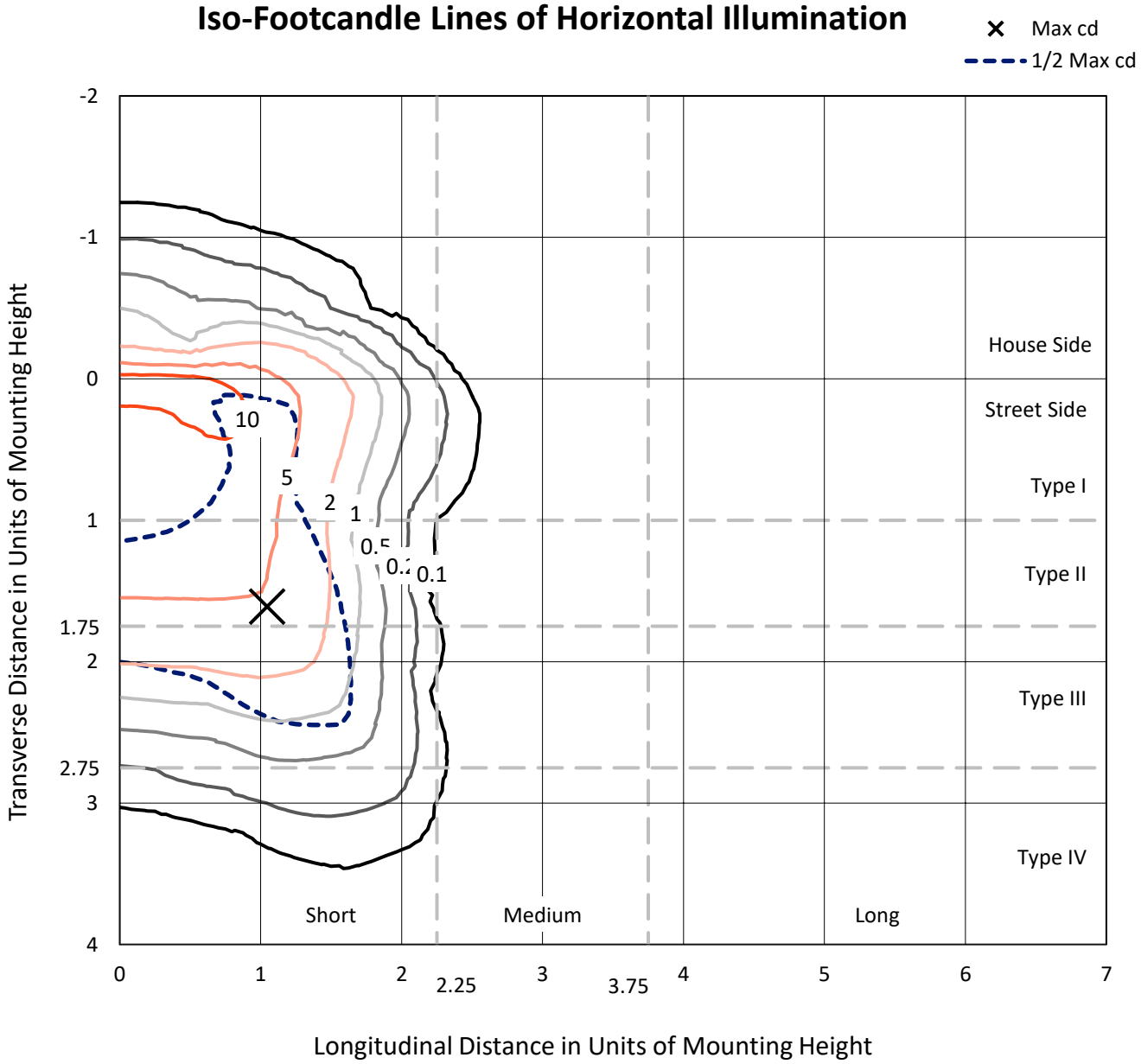
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502567
CATALOG NUMBER: GSS-SB5C-730-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



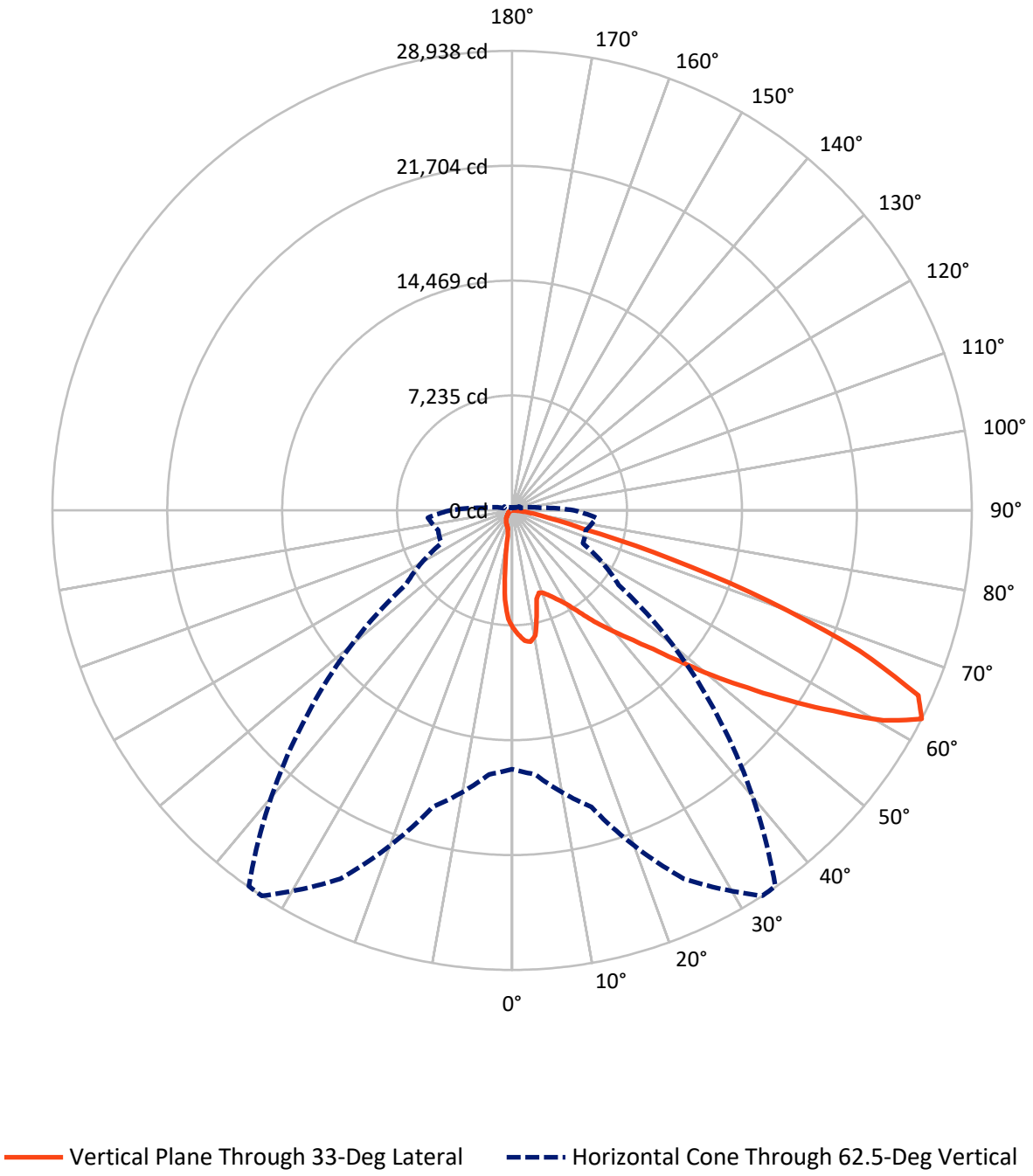
Based on 25 foot mounting height. Maximum calculated value = 14.1 fc
Type III - Short - N/A

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REPORT NUMBER: P1502567
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Luminous Intensity Polar Plot



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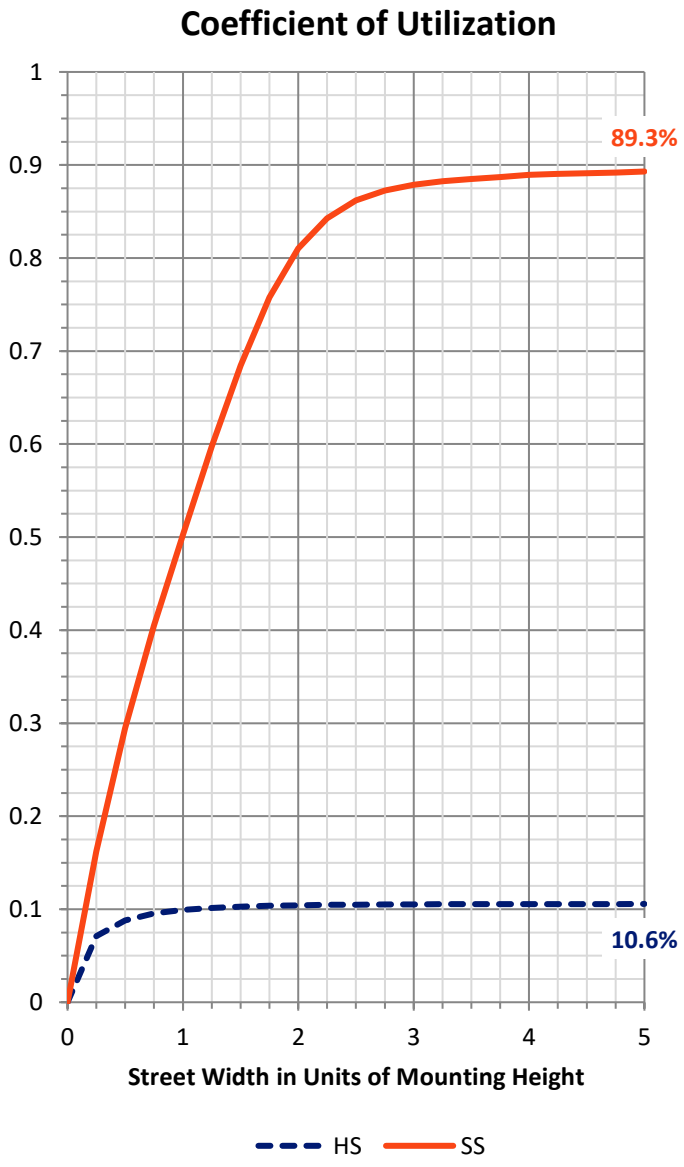
REPORT NUMBER: P1502567
CATALOG NUMBER: GSS-SB5C-730-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3100.2	0.0	3100.2
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	26034.9	0.0	26034.9
	% Fixture	89.4	0.0	89.4
Total	Lumens	29135.1	0.0	29135.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	629.2	2.2
10°-20°	1404.1	4.8
20°-30°	2262.9	7.8
30°-40°	3764.6	12.9
40°-50°	5950.0	20.4
50°-60°	7993.7	27.4
60°-70°	5868.2	20.1
70°-80°	1161.4	4.0
80°-90°	100.9	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°	29135.1	100.0
0°-180°	29135.1	100.0



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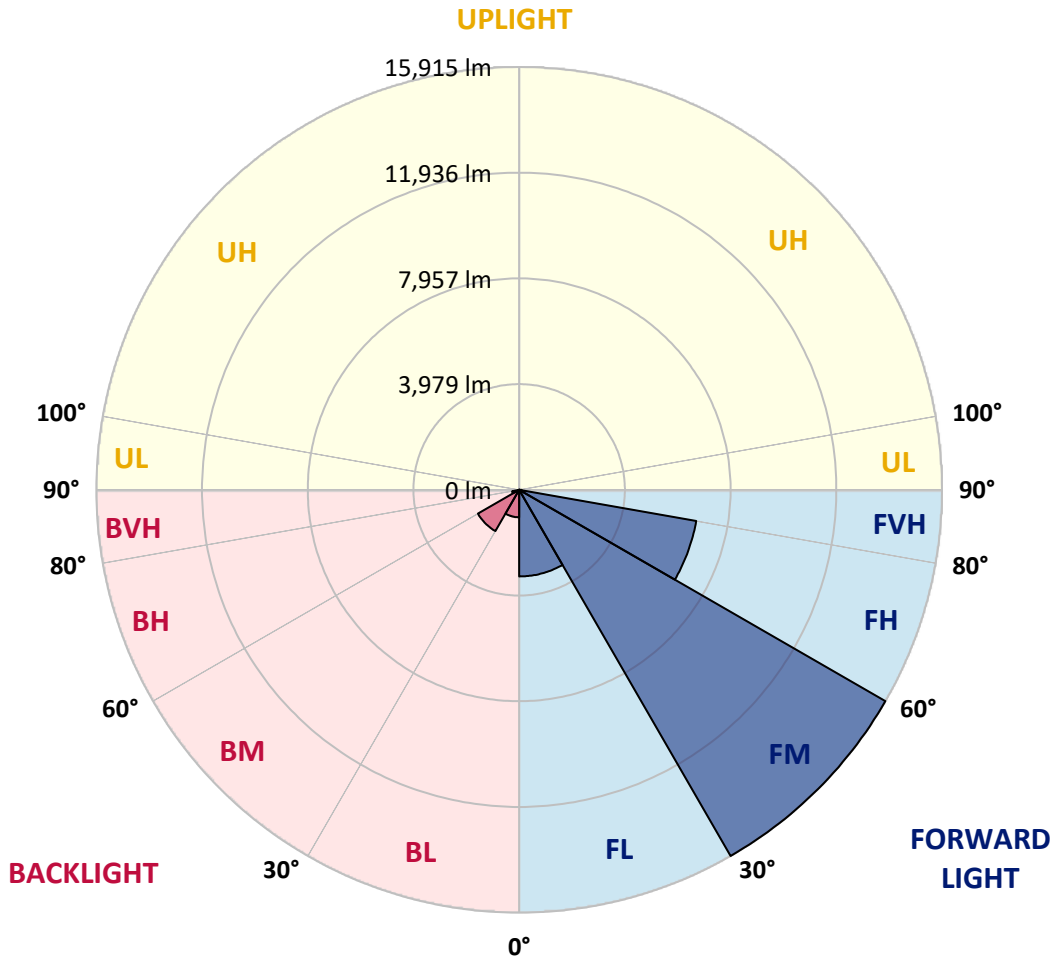
Scaled Data Report

REPORT NUMBER: P1502567
CATALOG NUMBER: GSS-SB5C-730-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3261.8	11.2			
FM	(30°-60°)	15915.0	54.6			
FH	(60°-80°)	6764.8	23.2			G3/7500
FVH	(80°-90°)	93.3	0.3			G1/100
BL	(0°-30°)	1034.4	3.6	B3/2500		
BM	(30°-60°)	1793.4	6.2	B2/2500		
BH	(60°-80°)	264.9	0.9	B1/500		G1/500
BVH	(80°-90°)	7.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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REPORT NUMBER: P1502567
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	7400.6	7400.6	7400.6	7400.6	*7400.6*	7400.6	7400.6	7400.6	7400.6	7400.6	7400.6
2.5°	7884.7	7917.5	7917.5	7851.9	*7835.5*	7802.7	7769.9	7761.6	7655.0	7572.9	7490.9
5°	8286.8	8278.5	8270.3	8237.5	*8245.7*	8204.7	8180.1	8139.1	7958.6	7835.5	7614.0
7.5°	8114.5	8188.3	8221.1	8311.4	*8352.4*	8344.2	8409.8	8426.2	8270.3	8098.0	7761.6
10°	6990.4	6949.4	7244.8	7630.4	*8016.0*	8106.2	8459.0	8647.8	8590.3	8434.4	7999.6
12.5°	5538.2	5579.2	5784.3	6235.6	*6867.3*	7064.3	8081.6	8828.3	8992.4	8893.9	8327.8
15°	5070.5	5070.5	5177.2	5390.5	*5767.9*	5956.6	7211.9	8803.6	9419.0	9427.2	8738.0
17.5°	4972.1	4988.5	5078.7	5218.2	*5464.3*	5546.4	6424.3	8442.6	9837.4	9985.1	9197.5
20°	4988.5	5013.1	5111.5	5308.4	*5546.4*	5644.8	6219.2	7983.2	10190.2	10592.3	9681.6
22.5°	5045.9	5037.7	5210.0	5472.5	*5776.1*	5866.4	6391.5	7794.5	10485.6	11289.7	10247.7
25°	5111.5	5119.7	5341.3	5710.5	*6079.7*	6186.3	6777.1	7966.8	10698.9	12036.3	10822.0
27.5°	5308.4	5333.1	5603.8	6005.8	*6440.7*	6580.2	7277.6	8418.0	11068.1	12758.3	11445.6
30°	5612.0	5636.6	5948.4	6432.5	*6900.2*	7113.5	7901.1	8984.2	11617.9	13595.2	12085.5
32.5°	5964.8	5997.6	6399.7	6957.6	*7523.7*	7728.8	8614.9	9845.6	12348.1	14448.5	12750.1
35°	6407.9	6498.1	6933.0	7597.6	*8360.6*	8557.5	9492.8	10822.0	13299.8	15211.5	13316.2
37.5°	7015.0	7088.9	7622.2	8450.8	*9222.1*	9484.6	10477.4	11847.6	14161.3	15892.5	13775.7
40°	7753.4	7819.1	8418.0	9320.5	*10124.6*	10346.1	11511.2	12881.4	15088.5	16269.9	13874.2
42.5°	8984.2	9164.7	9542.1	10305.1	*11166.6*	11445.6	12659.9	13882.4	15761.2	16343.8	13718.3
45°	11133.8	11191.2	11273.3	11634.3	*12462.9*	12709.1	13874.2	14752.1	16163.3	16360.2	13578.8
47.5°	13193.2	13390.1	13504.9	13669.0	*14169.5*	14259.8	15145.9	15531.5	16483.3	16302.7	13578.8
50°	15252.5	15400.2	15597.1	15794.1	*16327.4*	16360.2	16491.5	16056.6	16499.7	15835.1	13496.7
52.5°	17123.2	17172.4	17508.8	17886.3	*18550.8*	18731.3	17738.6	16442.2	15506.9	14358.2	13111.1
55°	18797.0	18862.6	19371.3	20142.5	*21094.3*	21332.2	19264.6	15695.6	13381.9	12446.5	12216.8
57.5°	19880.0	20035.9	21053.3	22751.6	*23826.5*	23719.8	20446.1	13948.0	10748.2	10182.0	10633.3
60°	19338.5	19551.8	21693.2	24942.3	*26854.0*	26542.2	20117.9	11478.4	7942.2	7531.9	8418.0
62.5°	*16294.5*	*16688.4*	*19338.5*	*25590.5*	*28938.0*	*28888.8*	*18263.7*	*8188.3*	*4922.8*	*4816.2*	*5316.6*
65°	11330.7	12011.7	15154.1	23424.4	*28101.1*	28175.0	15375.6	4766.9	2280.9	2830.6	3109.6
67.5°	6678.6	7162.7	9763.6	19125.2	*23580.3*	22899.3	10452.8	2207.1	1140.5	1723.0	1649.1
70°	2937.3	3265.5	5595.6	13250.6	*17180.7*	16081.2	5103.3	1074.8	869.7	1042.0	910.7
72.5°	1616.3	1764.0	2945.5	6998.6	*10452.8*	9935.9	1723.0	713.8	746.6	779.4	656.4
75°	902.5	968.2	1550.7	4044.9	*4594.6*	4274.7	836.9	467.7	631.8	631.8	484.1
77.5°	525.1	582.5	968.2	2518.8	*2518.8*	2034.8	508.7	295.4	475.9	426.6	262.6
80°	246.1	279.0	533.3	1394.8	*1591.7*	1312.8	287.2	205.1	311.8	270.8	172.3
82.5°	73.8	90.3	262.6	541.5	*902.5*	771.2	147.7	131.3	229.7	172.3	98.5
85°	49.2	57.4	131.3	221.5	*443.1*	385.6	49.2	41.0	98.5	82.0	41.0
87.5°	8.2	8.2	16.4	16.4	*16.4*	16.4	8.2	8.2	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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REPORT NUMBER: P1502567
CATALOG NUMBER: GSS-SB5C-730-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7400.6	7400.6	7400.6	7400.6	7400.6	7400.6	7400.6	7400.6	7400.6	7400.6	7400.6
2.5°	7441.7	7384.2	7253.0	7129.9	7064.3	6916.6	6859.1	6793.5	6760.7	6752.5	6703.2
5°	7474.5	7367.8	7039.6	6711.4	6366.9	6038.7	5702.3	5406.9	5169.0	5177.2	5185.4
7.5°	7572.9	7359.6	6785.3	6128.9	5390.5	4537.2	3626.5	2945.5	2510.6	2420.4	2338.3
10°	7704.2	7392.4	6473.5	5259.2	3807.0	2395.8	1690.2	1444.0	1337.4	1312.8	1321.0
12.5°	7950.4	7474.5	6079.7	4061.3	2108.6	1378.4	1222.5	1181.5	1165.1	1165.1	1165.1
15°	8253.9	7589.4	5464.3	2658.3	1378.4	1148.7	1115.8	1107.6	1091.2	1091.2	1099.4
17.5°	8508.3	7589.4	4652.1	1731.2	1132.2	1066.6	1042.0	1033.8	1033.8	1042.0	1033.8
20°	8787.2	7531.9	3741.3	1304.5	1050.2	992.8	976.4	976.4	976.4	984.6	984.6
22.5°	9074.4	7433.5	2896.3	1115.8	976.4	927.1	918.9	927.1	935.3	943.5	943.5
25°	9394.4	7310.4	2289.1	1033.8	910.7	869.7	869.7	869.7	877.9	894.3	902.5
27.5°	9747.2	7203.7	1960.9	984.6	853.3	812.3	812.3	820.5	836.9	845.1	853.3
30°	10075.4	7203.7	1854.3	1009.2	828.7	779.4	763.0	771.2	787.7	804.1	804.1
32.5°	10485.6	7285.8	1911.7	1115.8	820.5	730.2	713.8	713.8	730.2	738.4	738.4
35°	10830.2	7441.7	2108.6	1263.5	853.3	689.2	656.4	648.2	664.6	656.4	664.6
37.5°	11109.2	7655.0	2469.6	1460.4	918.9	640.0	598.9	574.3	574.3	574.3	574.3
40°	11191.2	7868.3	2929.1	1591.7	910.7	582.5	525.1	500.5	492.3	484.1	484.1
42.5°	11076.4	7966.8	3298.3	1583.5	812.3	541.5	467.7	434.8	410.2	402.0	402.0
45°	10986.1	8016.0	3429.6	1378.4	738.4	492.3	418.4	377.4	352.8	344.6	336.4
47.5°	10994.3	8065.2	3232.7	1124.0	672.8	451.3	377.4	336.4	311.8	303.6	295.4
50°	11027.1	7983.2	2740.4	935.3	615.4	410.2	336.4	303.6	279.0	270.8	262.6
52.5°	10682.5	7548.3	1928.1	820.5	566.1	385.6	303.6	279.0	254.3	246.1	246.1
55°	9780.0	6506.3	1304.5	730.2	525.1	352.8	279.0	262.6	237.9	221.5	221.5
57.5°	8336.0	4906.4	902.5	664.6	459.5	320.0	262.6	237.9	213.3	196.9	196.9
60°	6375.1	3199.8	656.4	607.1	377.4	295.4	246.1	229.7	196.9	180.5	172.3
62.5°	*3880.8*	*1796.8*	*533.3*	*533.3*	*320.0*	*279.0*	*221.5*	*205.1*	*172.3*	*147.7*	*139.5*
65°	2248.1	1058.4	434.8	451.3	279.0	254.3	196.9	172.3	139.5	114.9	106.7
67.5°	1083.0	615.4	344.6	320.0	246.1	213.3	172.3	147.7	123.1	98.5	90.3
70°	664.6	475.9	262.6	229.7	196.9	164.1	139.5	131.3	106.7	82.0	82.0
72.5°	541.5	385.6	205.1	164.1	147.7	114.9	114.9	106.7	82.0	65.6	57.4
75°	426.6	287.2	155.9	114.9	90.3	90.3	82.0	73.8	65.6	49.2	49.2
77.5°	229.7	196.9	114.9	65.6	49.2	57.4	57.4	49.2	41.0	32.8	32.8
80°	147.7	114.9	65.6	32.8	32.8	32.8	32.8	24.6	24.6	16.4	16.4
82.5°	73.8	57.4	32.8	8.2	16.4	16.4	16.4	16.4	16.4	8.2	8.2
85°	16.4	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
87.5°	0.0	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	8.2	8.2
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

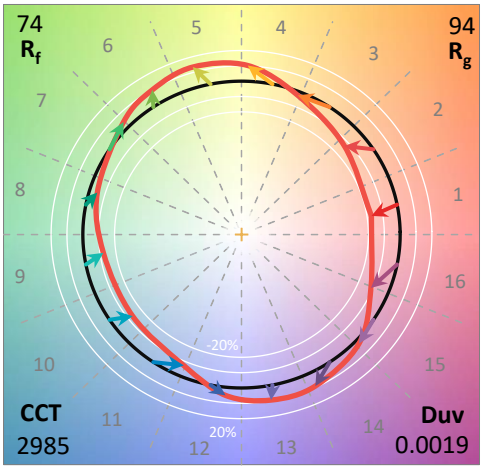
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

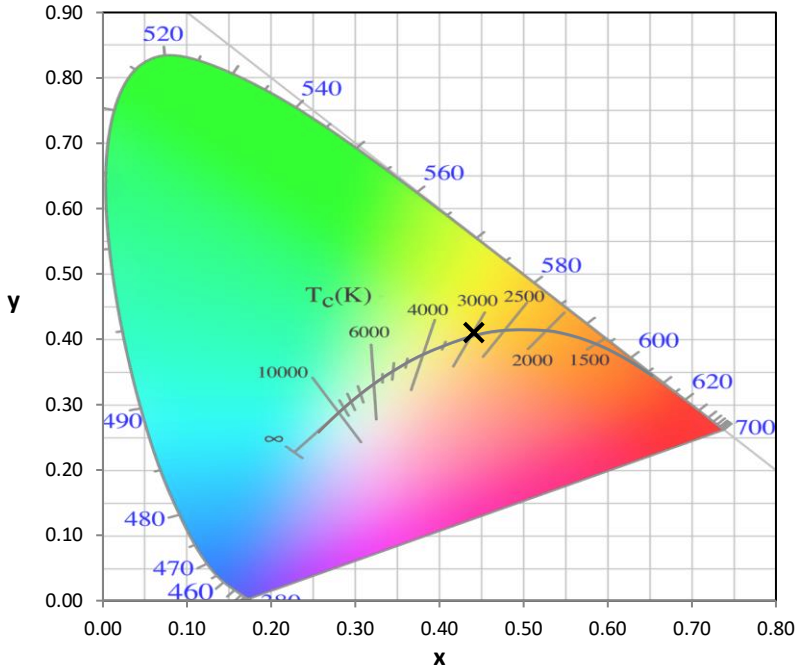
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

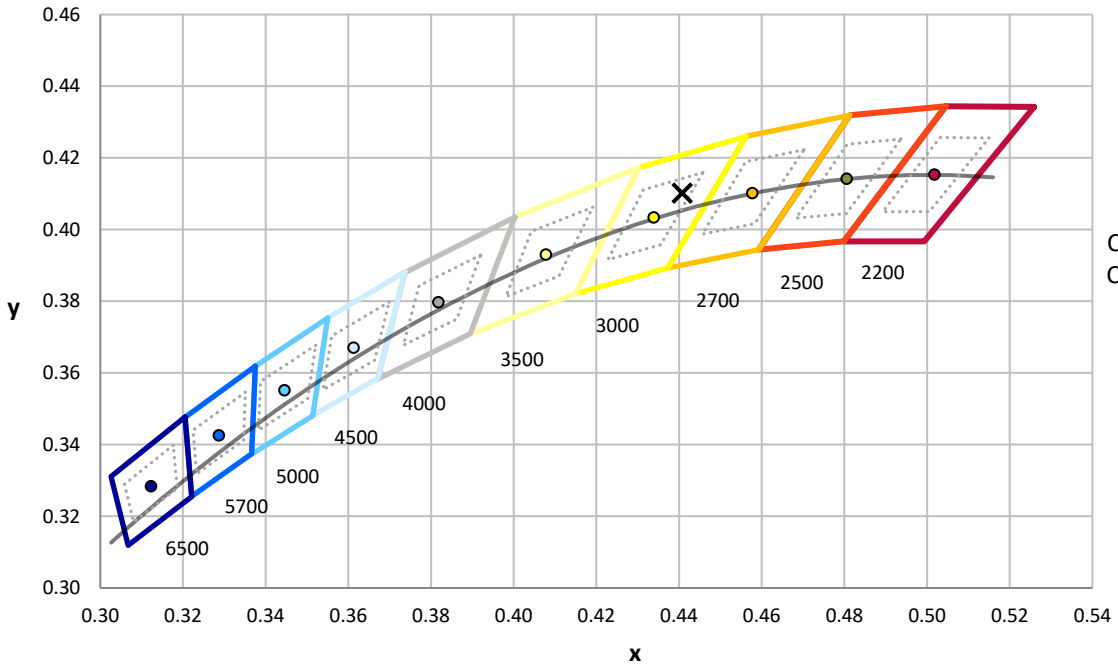
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

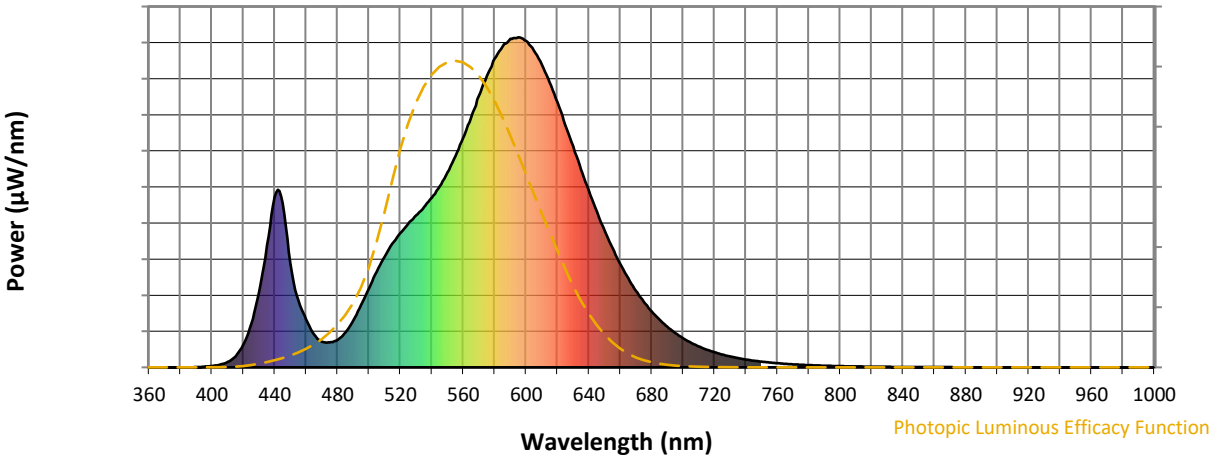


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

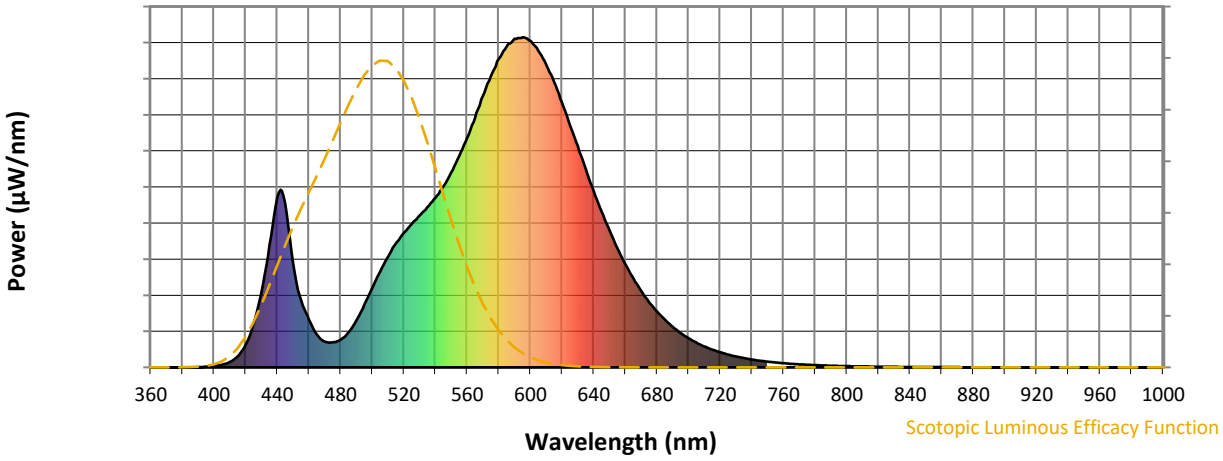


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

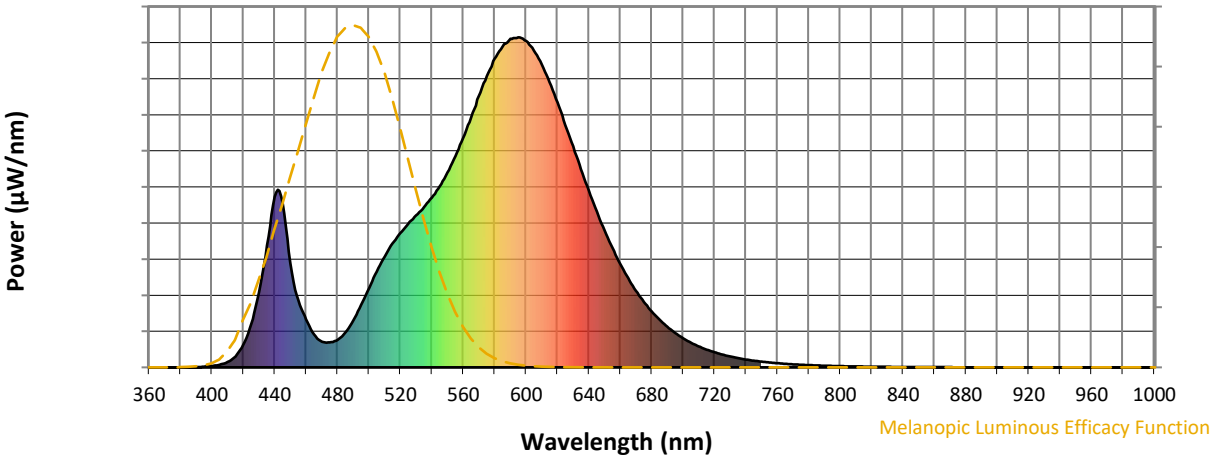


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

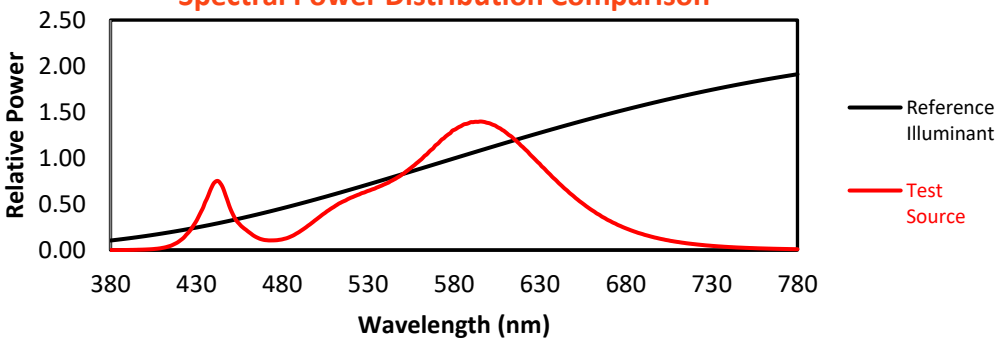
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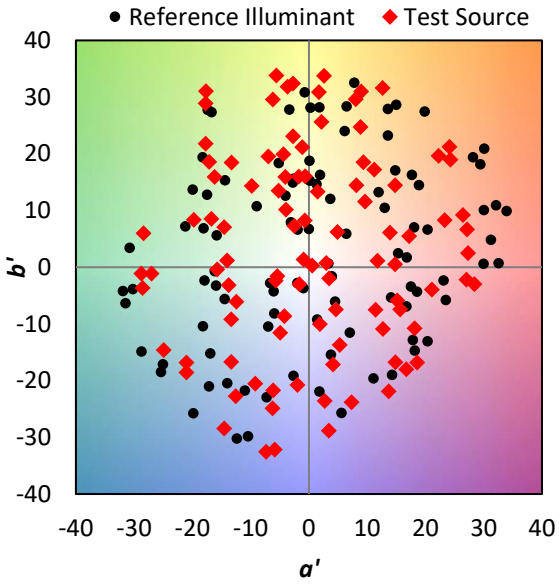
Summary

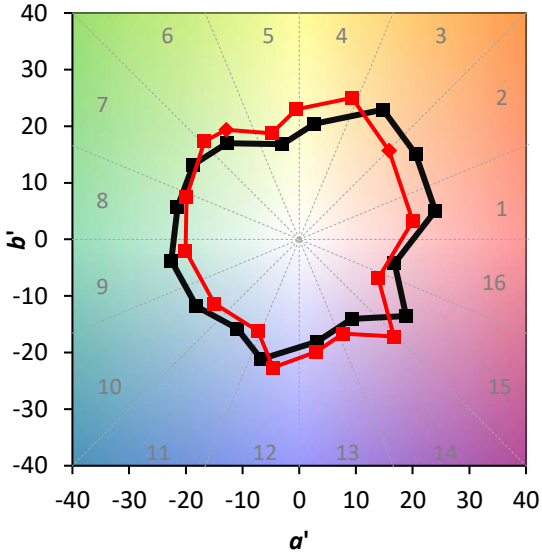
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

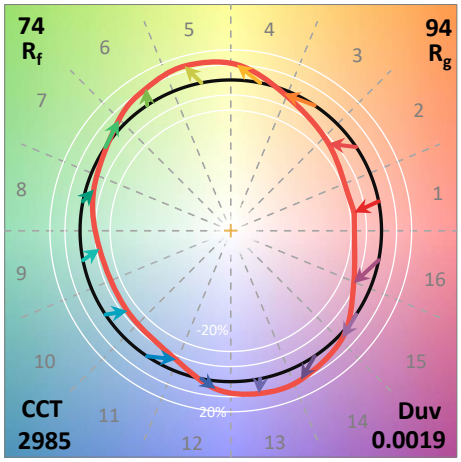
Spectral Power Distribution Comparison

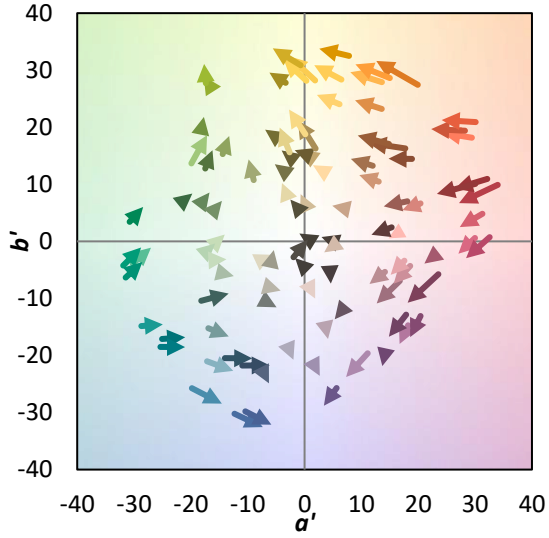


Color Vector Graphics







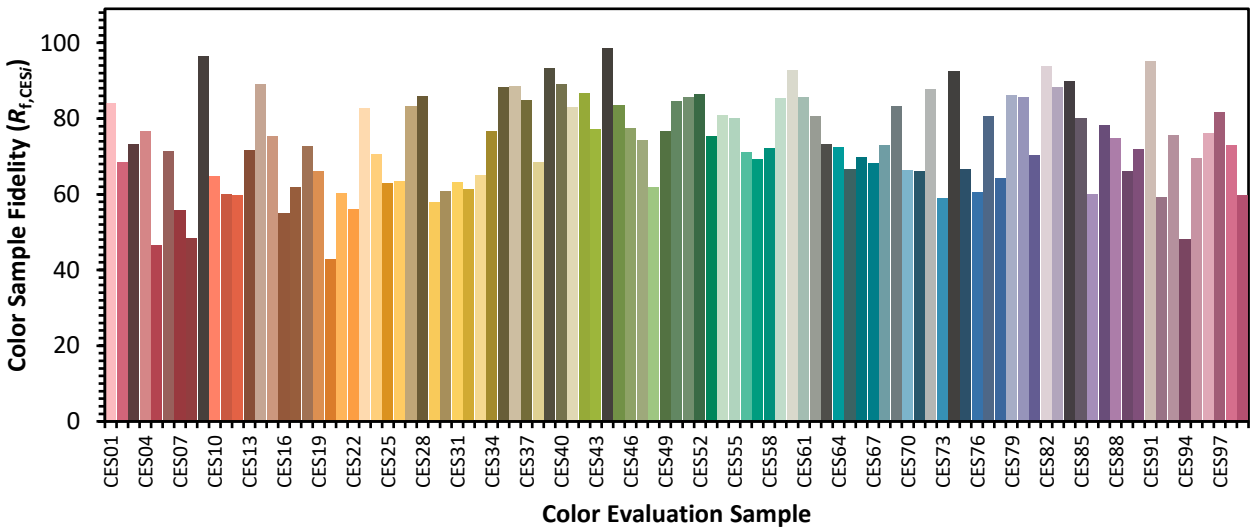


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Individual Sample Fidelity Index ($R_{f,i}$)

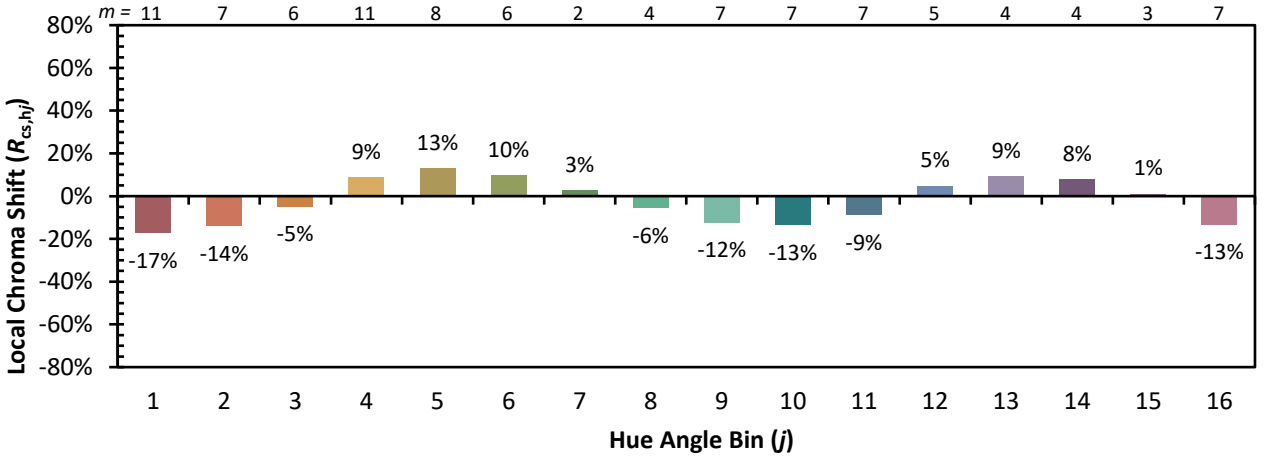
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	

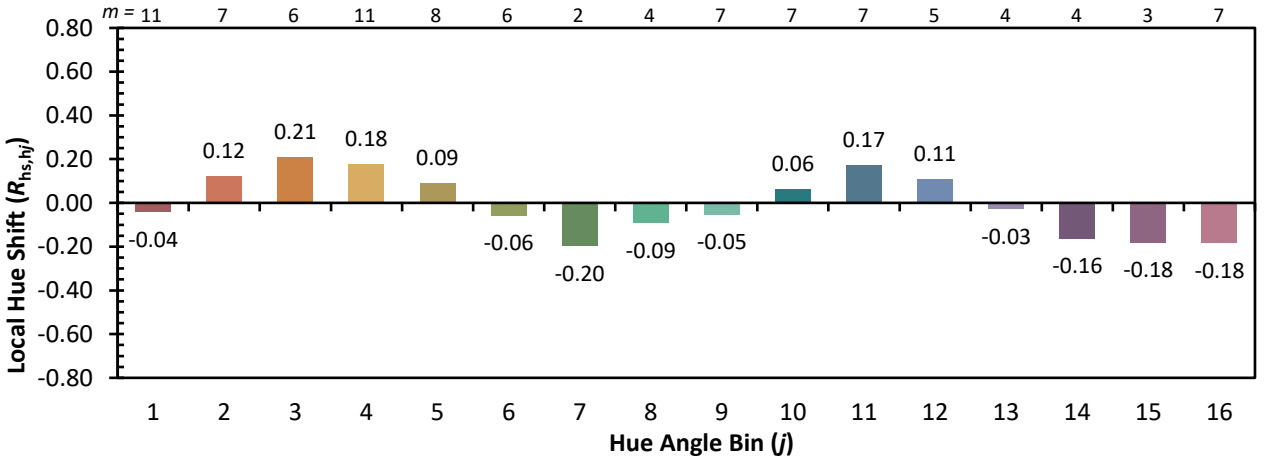


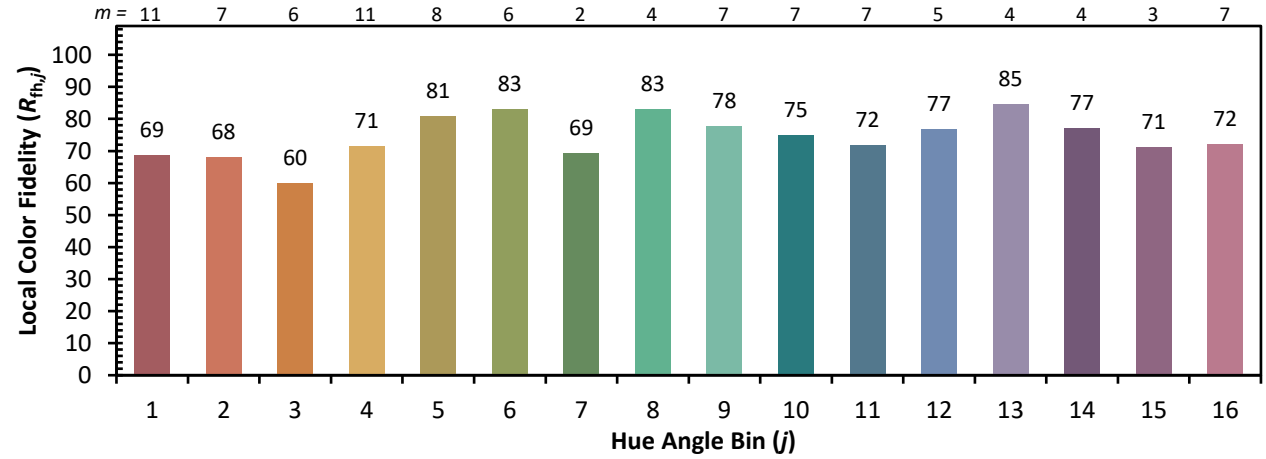
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Color Rendition by Hue-Angle Bin



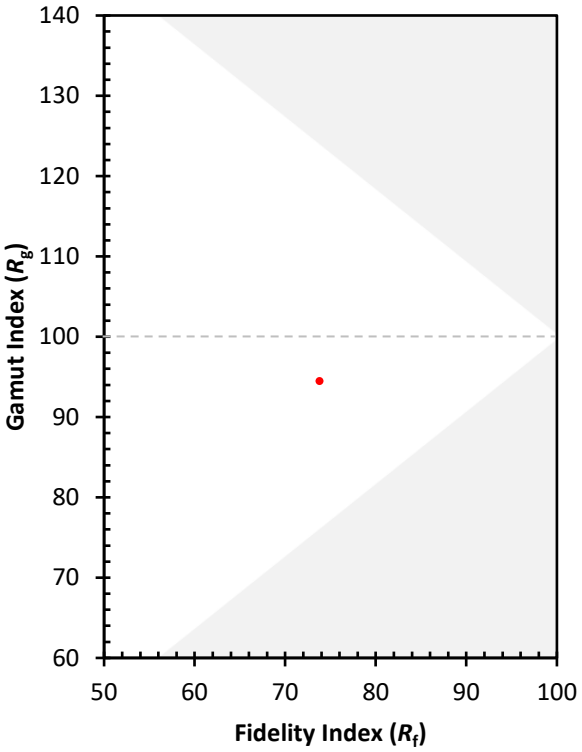


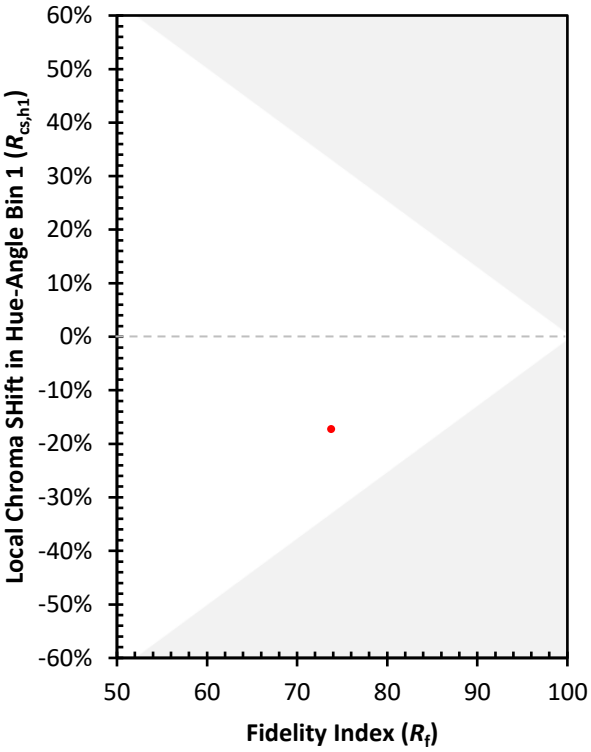


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Measure Comparisons





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