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: P1502181

Luminaire Tested: GSS-SB5A-730-U-T3LG-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:	P1502181
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-730-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 3000K FIXTURE w/ TYPE III 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:	18206.8 lumens
Efficiency:	N/A
Efficacy:	127.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

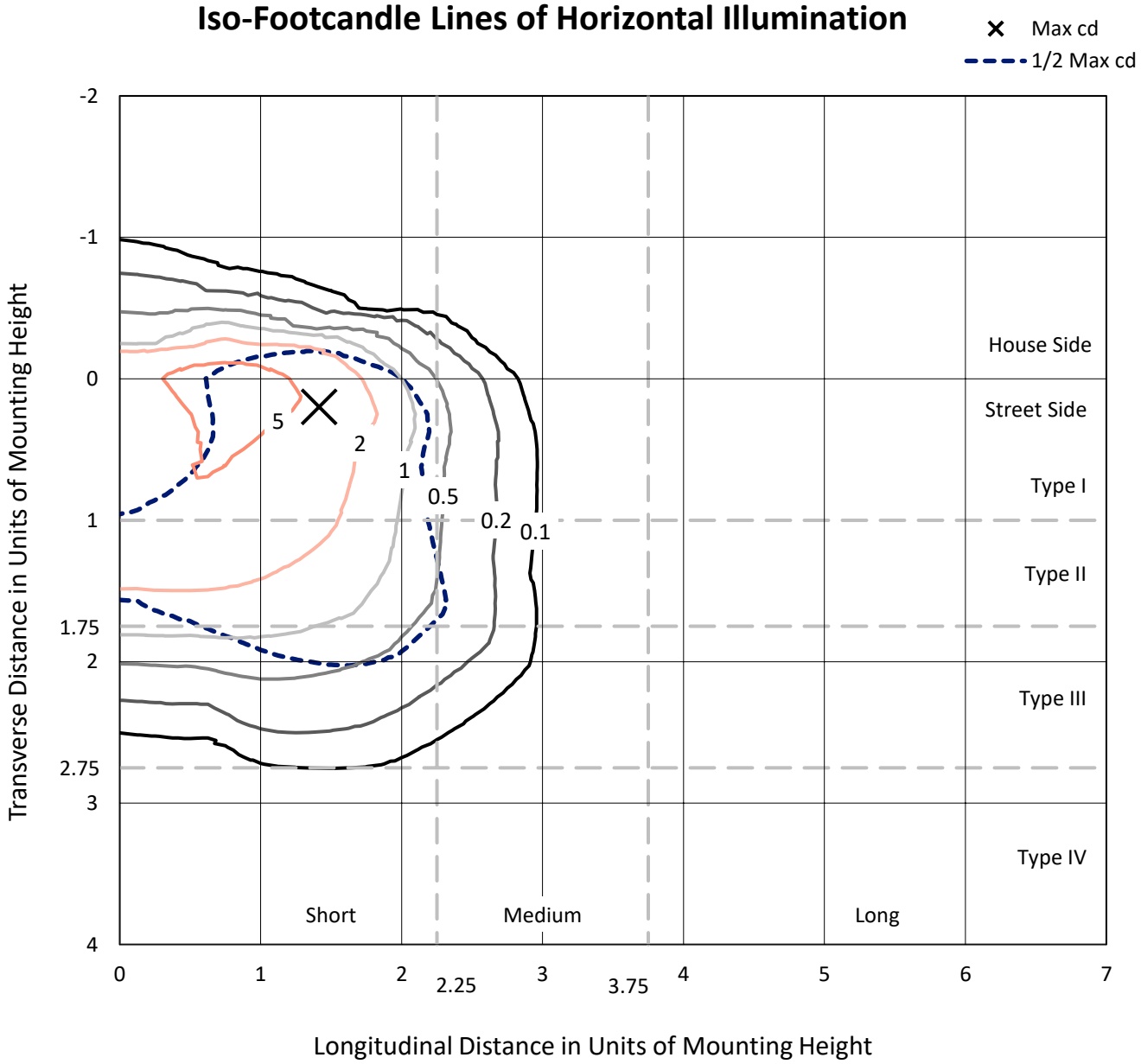
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502181
CATALOG NUMBER: GSS-SB5A-730-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



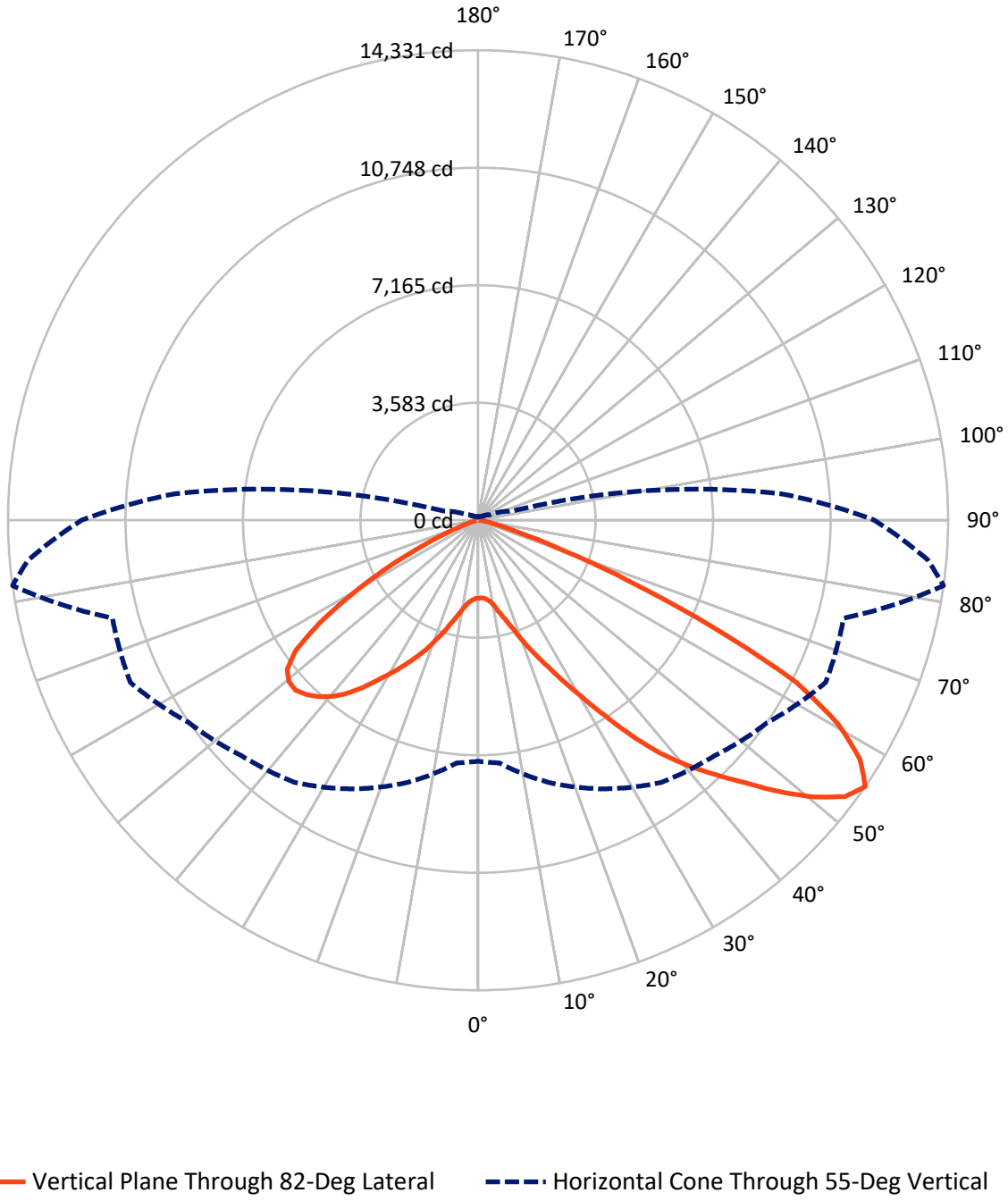
Based on 25 foot mounting height. Maximum calculated value = 7.1 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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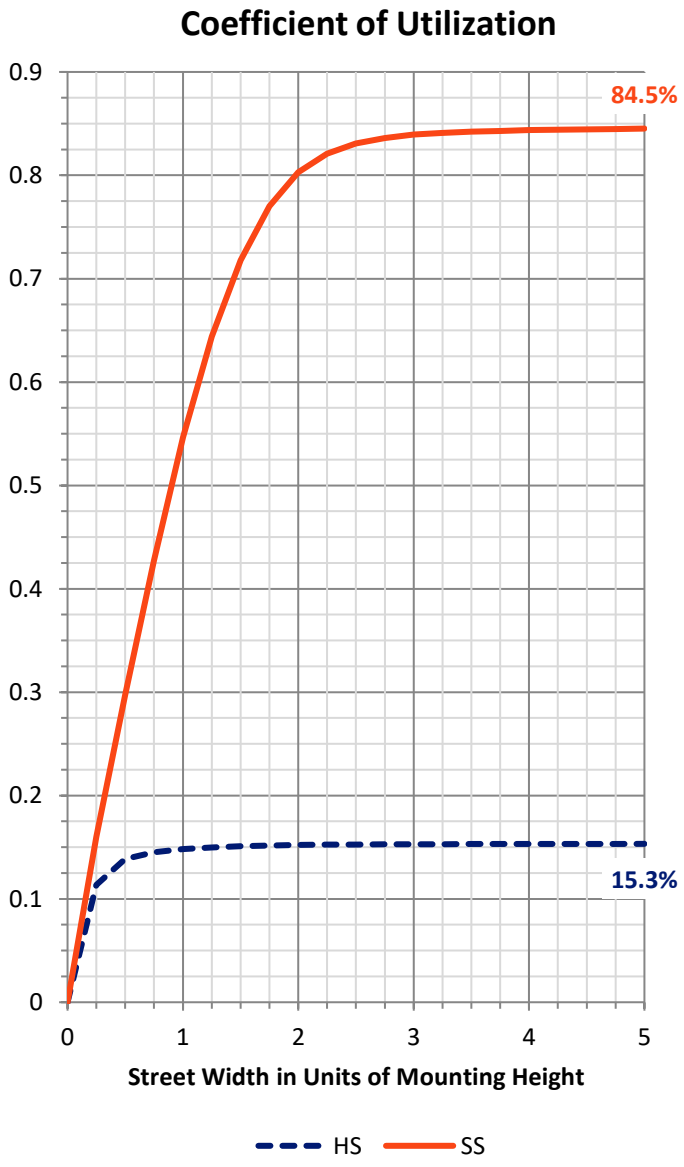
REPORT NUMBER: P1502181
CATALOG NUMBER: GSS-SB5A-730-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2814.2	0.0	2814.2
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	15392.7	0.0	15392.7
	% Fixture	84.5	0.0	84.5
Total	Lumens	18206.8	0.0	18206.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.5	1.2
10°-20°	583.3	3.2
20°-30°	1166.0	6.4
30°-40°	2414.6	13.3
40°-50°	4033.6	22.2
50°-60°	5115.8	28.1
60°-70°	3824.4	21.0
70°-80°	810.1	4.4
80°-90°	43.6	0.2
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°	18206.8	100.0
0°-180°	18206.8	100.0



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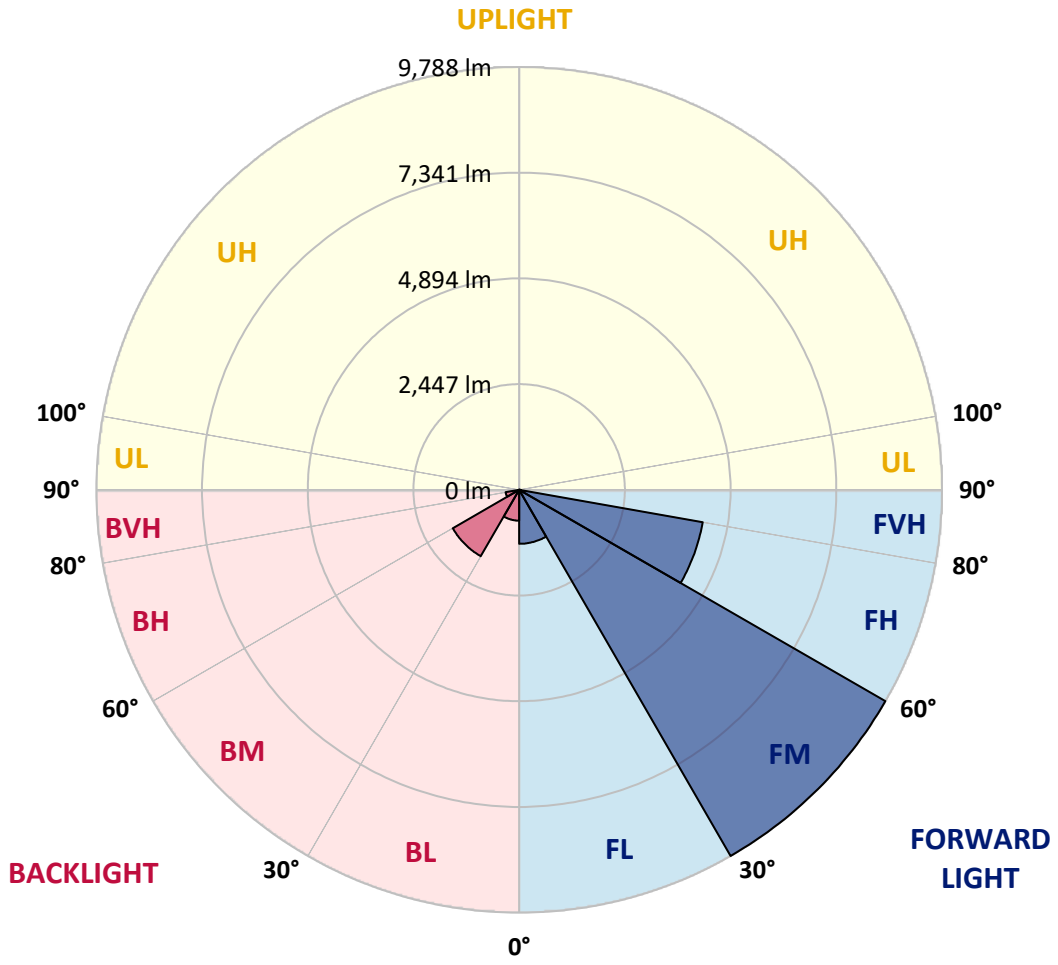
Scaled Data Report

REPORT NUMBER: P1502181
CATALOG NUMBER: GSS-SB5A-730-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1250.4	6.9			
FM	(30°-60°)	9788.3	53.8			
FH	(60°-80°)	4315.0	23.7			G2/5000
FVH	(80°-90°)	39.0	0.2			G1/100
BL	(0°-30°)	714.4	3.9	B2/1000		
BM	(30°-60°)	1775.7	9.8	B2/2500		
BH	(60°-80°)	319.5	1.8	B1/500		G1/500
BVH	(80°-90°)	4.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2376.9	2376.9	2376.9	2376.9	2376.9	2376.9	2376.9	2376.9	2376.9	*2376.9*	2376.9
2.5°	2312.7	2317.6	2307.7	2312.7	2322.5	2317.6	2337.4	2352.2	2367.0	*2372.0*	2376.9
5°	2110.1	2115.0	2119.9	2159.5	2184.2	2243.5	2297.8	2332.4	2381.8	*2406.5*	2411.5
7.5°	1867.9	1867.9	1887.7	1937.1	2001.3	2115.0	2238.5	2337.4	2431.3	*2480.7*	2490.6
10°	1823.4	1828.4	1828.4	1863.0	1917.3	2031.0	2189.1	2386.8	2554.8	*2628.9*	2653.6
12.5°	1833.3	1838.3	1843.2	1877.8	1932.2	2031.0	2233.6	2490.6	2752.5	*2876.0*	2890.8
15°	1858.0	1867.9	1882.7	1927.2	1986.5	2115.0	2327.5	2638.8	2989.7	*3147.8*	3187.3
17.5°	1932.2	1937.1	1961.8	2011.2	2105.1	2233.6	2465.8	2831.5	3320.7	*3493.7*	3567.8
20°	2045.8	2055.7	2090.3	2159.5	2268.2	2431.3	2688.2	3083.5	3676.5	*3943.4*	4002.7
22.5°	2189.1	2189.1	2238.5	2347.2	2500.4	2683.3	2994.6	3419.6	4111.4	*4422.7*	4521.5
25°	2426.3	2421.4	2460.9	2584.4	2767.3	3034.1	3350.4	3819.8	4566.0	*4936.6*	5040.4
27.5°	2969.9	2955.1	2940.2	2945.2	3103.3	3444.3	3810.0	4323.9	5129.4	*5564.2*	5643.3
30°	3602.4	3622.2	3602.4	3553.0	3577.7	3894.0	4348.6	4941.6	5761.9	*6251.1*	6354.9
32.5°	4155.9	4165.7	4249.8	4304.1	4323.9	4472.1	4971.2	5687.8	6567.4	*7101.0*	7234.5
35°	4758.7	4773.6	4867.5	4981.1	5159.0	5292.4	5752.0	6552.5	7387.7	*8059.7*	8158.5
37.5°	5460.4	5485.1	5608.7	5771.8	6018.8	6325.2	6572.3	7338.2	8222.8	*8998.6*	9102.4
40°	6078.1	6157.2	6369.7	6577.2	6839.1	7185.1	7348.1	8025.1	8840.5	*9828.8*	10001.7
42.5°	6661.2	6705.7	7046.7	7367.9	7679.2	7960.9	8119.0	8563.8	9389.0	*10599.7*	10792.4
45°	7145.5	7180.1	7560.6	7985.6	8371.0	8652.7	8677.4	9087.6	9932.6	*11415.0*	11563.3
47.5°	7442.0	7496.4	7985.6	8469.9	8894.8	9156.7	9117.2	9754.7	10525.6	*12363.8*	12383.6
50°	7619.9	7654.5	8153.6	8781.2	9305.0	9487.8	9571.8	10392.1	11064.2	*13263.2*	13144.6
52.5°	7748.4	7802.7	8292.0	8959.1	9547.1	9794.2	10095.6	11108.7	11489.2	*13999.5*	13683.2
55°	*7348.1*	*7427.2*	*8272.2*	*9038.1*	*9754.7*	*10169.8*	*10762.8*	*11696.7*	*11538.6*	*14330.6*	*13752.4*
57.5°	6898.4	6913.3	7748.4	9013.4	9986.9	10565.1	11375.5	11741.2	11079.0	*13727.7*	13050.7
60°	6236.3	6325.2	7180.1	8692.2	10026.5	10881.3	11790.6	11202.6	10238.9	*12610.9*	11592.9
62.5°	4378.2	4516.6	5633.4	7847.2	9744.8	11054.3	11721.4	10263.7	9186.4	*10886.3*	9744.8
65°	2451.0	2569.6	3483.8	6330.2	8969.0	11014.8	11009.8	9008.5	7496.4	*7867.0*	6967.6
67.5°	1344.1	1438.0	1808.6	4763.7	7115.9	10169.8	9512.5	6873.7	5025.6	*4995.9*	4348.6
70°	938.9	943.8	1141.5	3217.0	5114.5	7096.1	7437.1	4610.5	3118.1	*2757.4*	2327.5
72.5°	459.6	464.5	568.3	1517.1	3128.0	3933.5	5099.7	2396.7	1749.3	*1368.8*	1166.2
75°	232.3	227.3	311.3	568.3	1294.7	1917.3	2248.4	1200.8	1018.0	*751.1*	667.1
77.5°	148.2	153.2	182.8	311.3	583.1	746.2	691.8	652.3	597.9	*439.8*	380.5
80°	98.8	98.8	123.5	197.7	286.6	355.8	212.5	301.4	350.9	*257.0*	222.4
82.5°	29.6	29.6	74.1	108.7	138.4	143.3	93.9	138.4	197.7	*143.3*	108.7
85°	19.8	19.8	39.5	54.4	59.3	49.4	29.6	59.3	93.9	*64.2*	54.4
87.5°	0.0	0.0	0.0	4.9	4.9	4.9	4.9	4.9	4.9	*4.9*	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: P1502181
CATALOG NUMBER: GSS-SB5A-730-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2376.9	2376.9	2376.9	2376.9	2376.9	2376.9	2376.9	2376.9	2376.9	2376.9	2376.9
2.5°	2381.8	2386.8	2401.6	2406.5	2416.4	2421.4	2421.4	2421.4	2416.4	2421.4	2431.3
5°	2421.4	2446.1	2465.8	2460.9	2460.9	2436.2	2416.4	2376.9	2357.1	2352.2	2357.1
7.5°	2520.2	2540.0	2559.7	2530.1	2456.0	2342.3	2218.8	2119.9	2035.9	1996.4	2011.2
10°	2698.1	2722.8	2722.8	2584.4	2376.9	2110.1	1887.7	1704.8	1566.5	1492.4	1526.9
12.5°	2955.1	2974.8	2925.4	2633.9	2238.5	1798.7	1428.1	1121.7	943.8	854.9	835.1
15°	3251.6	3281.2	3113.2	2624.0	2021.1	1344.1	889.5	667.1	602.9	583.1	588.0
17.5°	3632.1	3646.9	3320.7	2544.9	1645.5	879.6	632.5	568.3	553.5	543.6	543.6
20°	4101.5	4057.0	3488.8	2411.5	1200.8	691.8	583.1	533.7	518.9	513.9	518.9
22.5°	4605.5	4536.4	3627.1	2159.5	909.2	652.3	558.4	504.0	484.3	479.3	479.3
25°	5134.3	4976.2	3735.8	1788.9	850.0	642.4	528.7	459.6	439.8	429.9	429.9
27.5°	5737.2	5465.4	3795.1	1497.3	864.8	627.6	494.2	420.0	390.4	380.5	380.5
30°	6404.3	6009.0	3800.1	1438.0	894.4	607.8	459.6	375.6	345.9	331.1	336.0
32.5°	7214.7	6562.4	3785.2	1531.9	914.2	593.0	420.0	331.1	306.4	291.6	291.6
35°	8054.8	7234.5	3725.9	1709.8	924.1	548.5	370.6	291.6	261.9	257.0	261.9
37.5°	8889.9	7871.9	3641.9	1808.6	874.7	449.7	301.4	252.0	232.3	232.3	232.3
40°	9650.9	8425.4	3528.3	1724.6	696.8	326.1	247.1	217.4	207.5	202.6	207.5
42.5°	10219.2	8919.5	3320.7	1452.8	494.2	261.9	217.4	192.7	182.8	182.8	187.8
45°	10841.8	9393.9	2920.5	1067.4	375.6	227.3	187.8	168.0	163.1	163.1	168.0
47.5°	11469.4	9774.4	2535.0	711.6	326.1	202.6	168.0	153.2	148.2	143.3	148.2
50°	11948.7	9957.3	2031.0	518.9	296.5	182.8	153.2	143.3	133.4	128.5	128.5
52.5°	12289.7	9907.9	1487.4	444.7	271.8	168.0	143.3	133.4	118.6	118.6	118.6
55°	*12082.2*	*9275.3*	*1072.3*	*400.3*	*252.0*	*158.1*	*138.4*	*123.5*	*113.7*	*108.7*	*108.7*
57.5°	11074.1	7906.5	775.8	360.7	222.4	148.2	133.4	118.6	103.8	98.8	98.8
60°	9626.2	6157.2	578.2	316.3	192.7	143.3	118.6	113.7	98.8	88.9	88.9
62.5°	7867.0	4482.0	449.7	271.8	173.0	123.5	113.7	103.8	88.9	79.1	74.1
65°	5460.4	2861.2	345.9	222.4	163.1	108.7	103.8	88.9	74.1	59.3	59.3
67.5°	3370.2	1699.9	266.8	173.0	128.5	93.9	88.9	79.1	64.2	49.4	49.4
70°	1863.0	899.4	182.8	128.5	98.8	74.1	69.2	69.2	54.4	44.5	39.5
72.5°	894.4	489.2	123.5	108.7	74.1	49.4	54.4	54.4	44.5	34.6	34.6
75°	538.6	291.6	84.0	84.0	49.4	39.5	39.5	44.5	34.6	24.7	24.7
77.5°	306.4	173.0	49.4	64.2	34.6	24.7	29.6	24.7	19.8	14.8	14.8
80°	173.0	98.8	29.6	44.5	19.8	14.8	14.8	9.9	9.9	4.9	4.9
82.5°	84.0	54.4	14.8	14.8	9.9	4.9	4.9	4.9	4.9	0.0	0.0
85°	39.5	9.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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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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

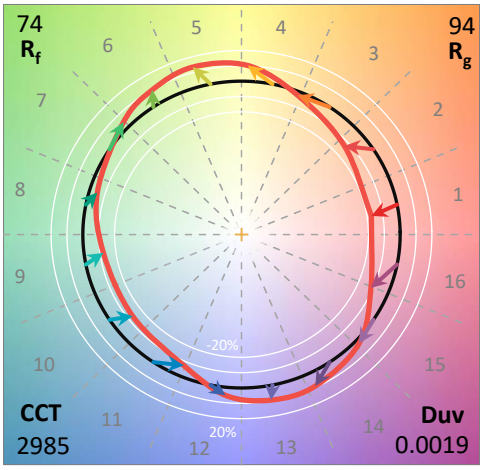
Test Information

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

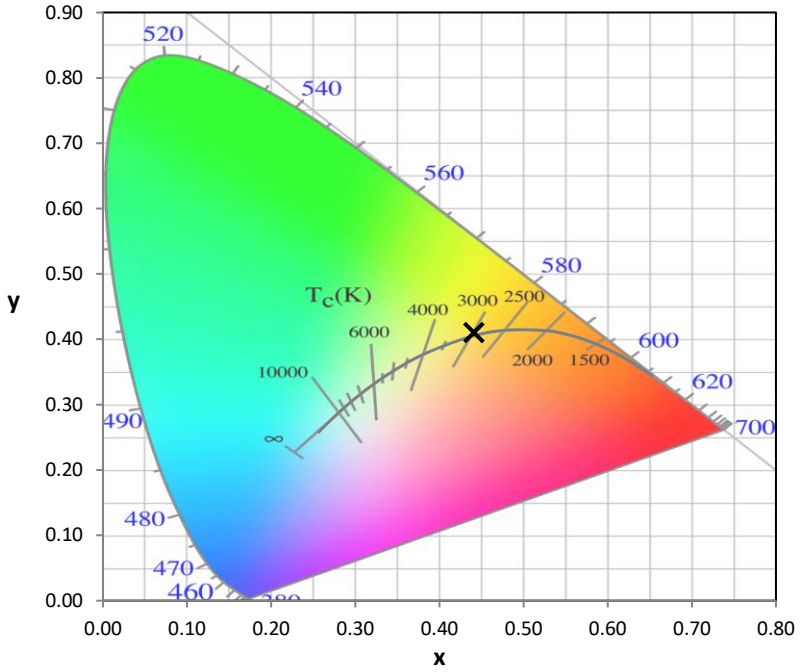
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

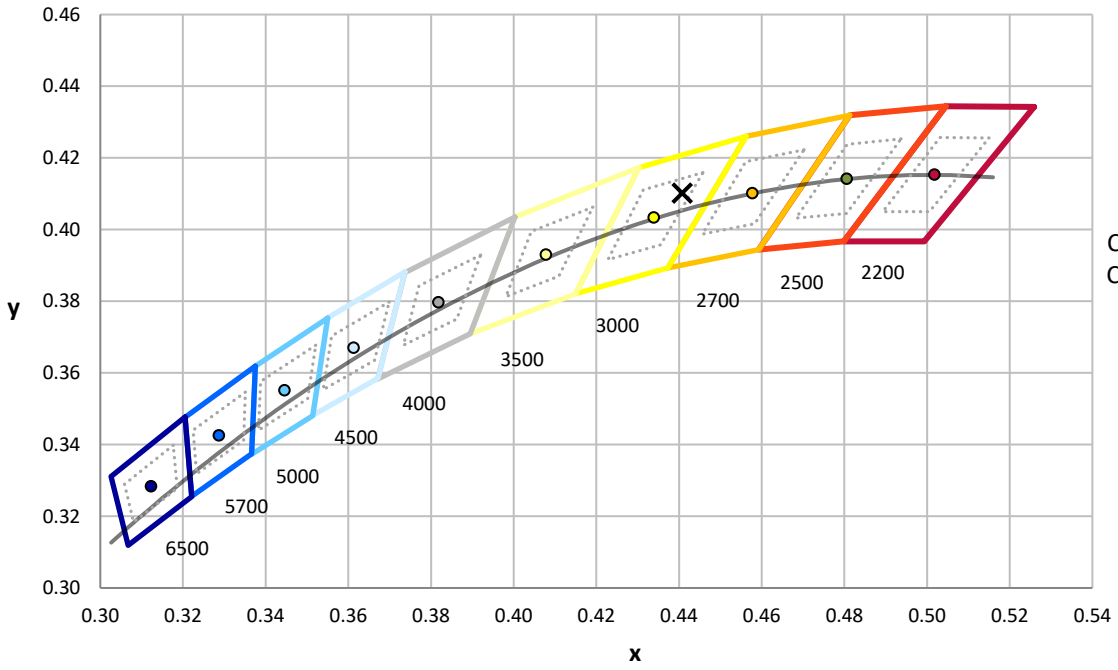
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

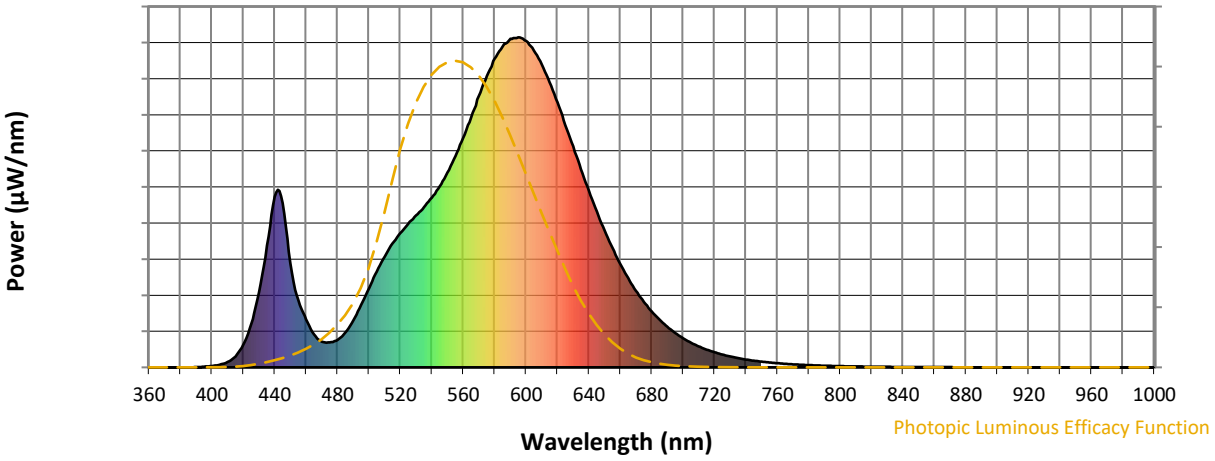


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

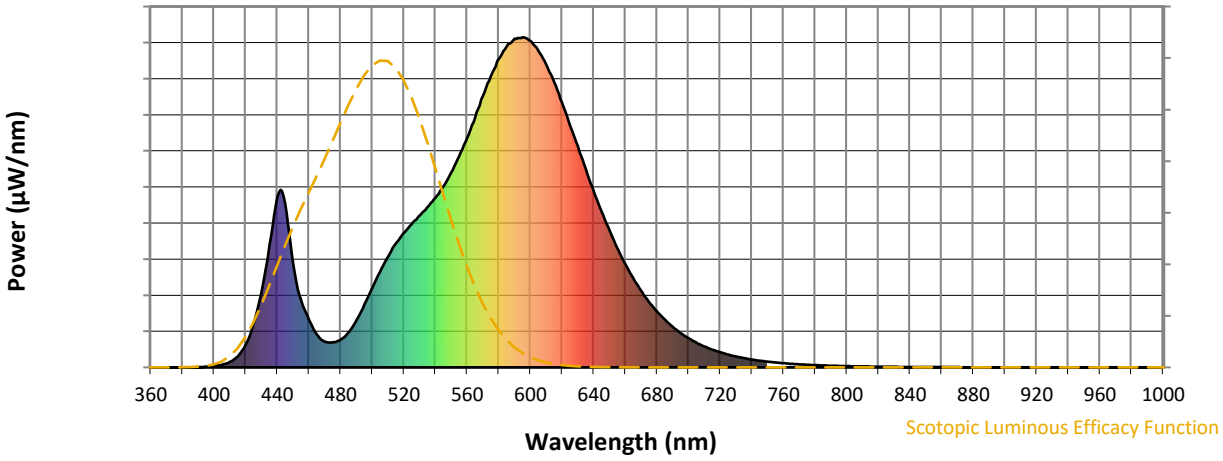


Photopic Lumens: NR

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

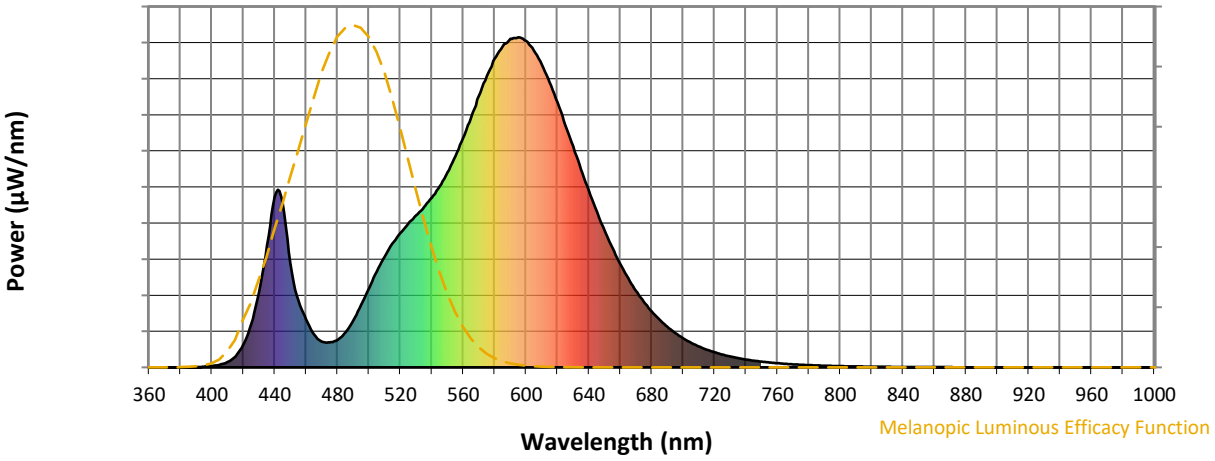


Scotopic Lumens: NR **S/P: 1.19**

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			

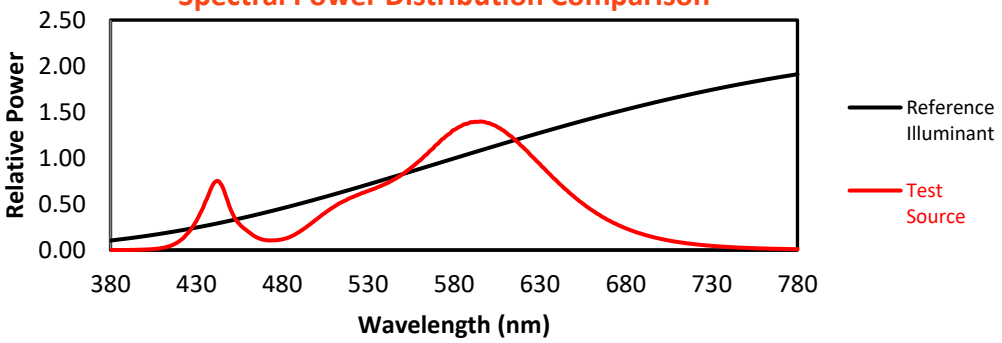
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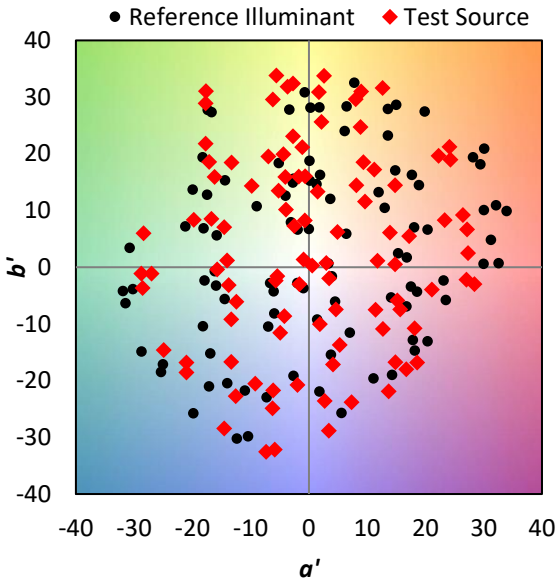
Summary

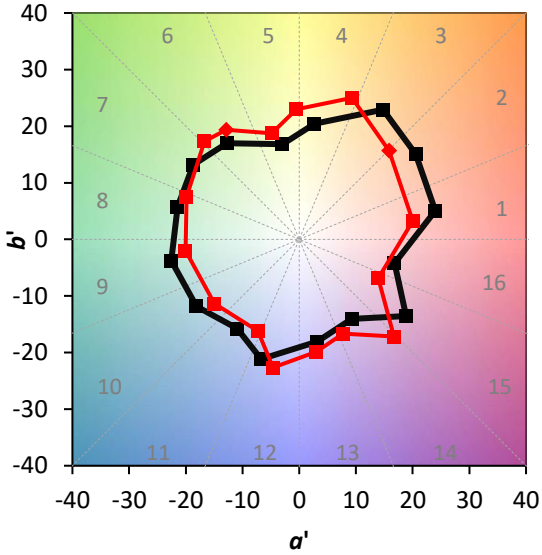
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R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

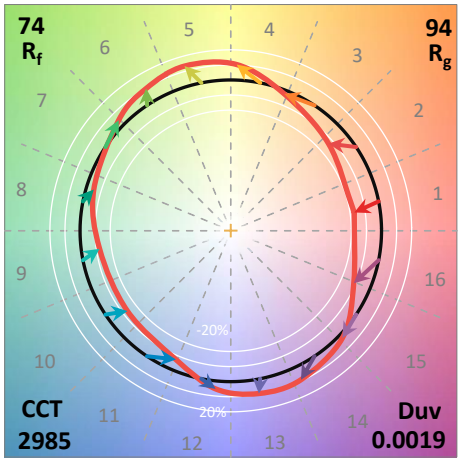
Spectral Power Distribution Comparison

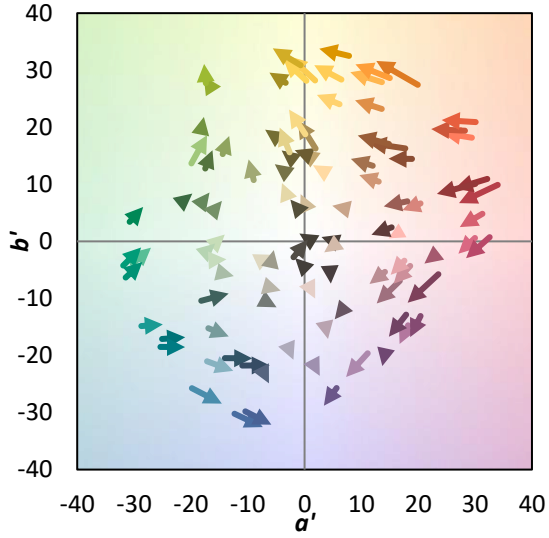


Color Vector Graphics







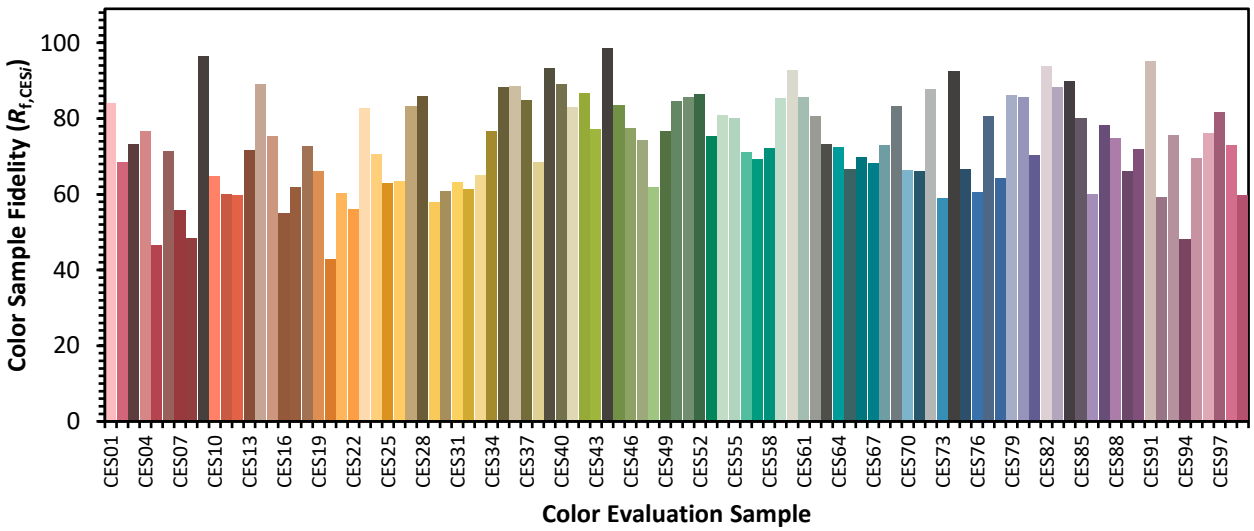


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Individual Sample Fidelity Index ($R_{f,i}$)

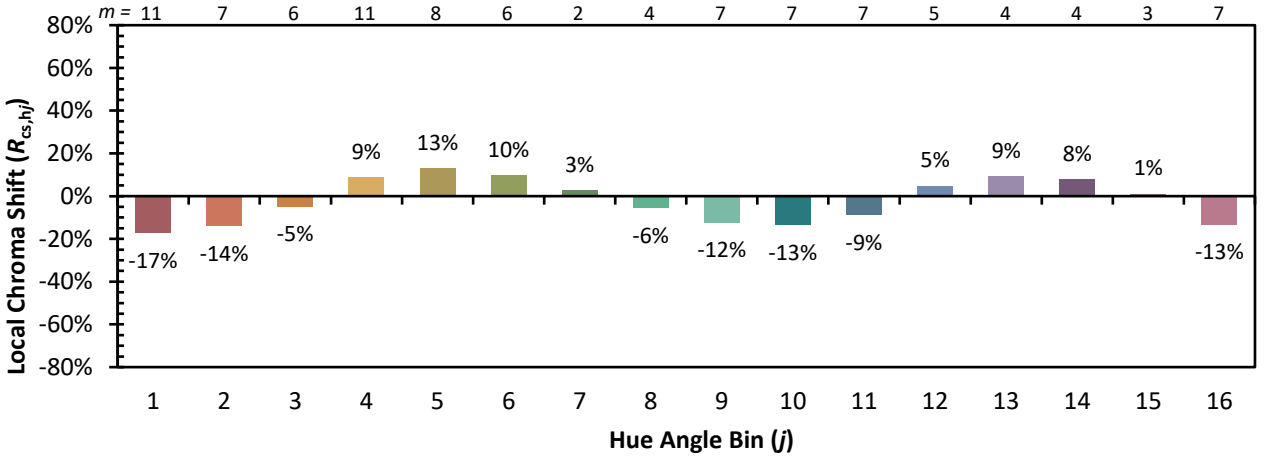
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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	

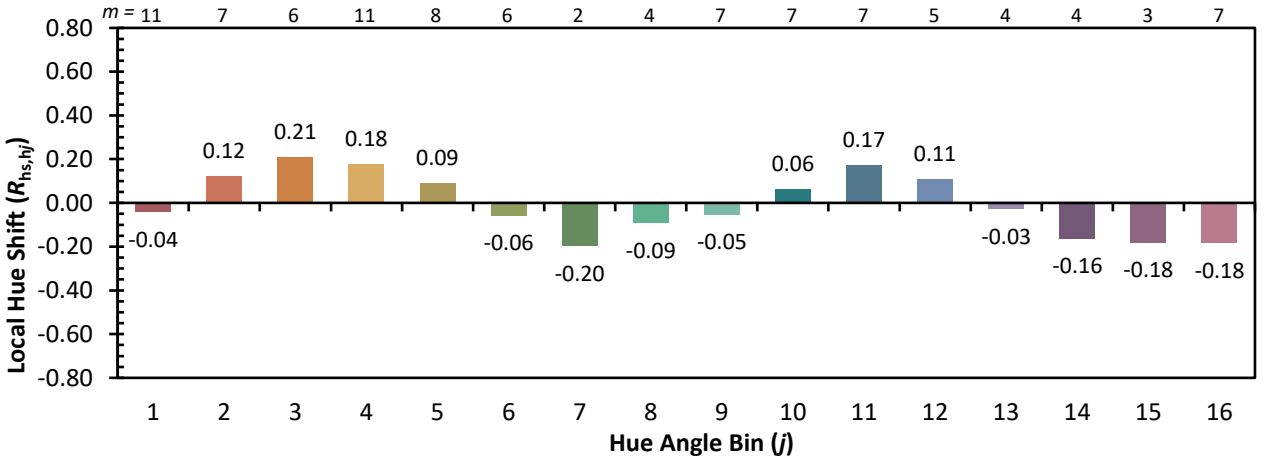


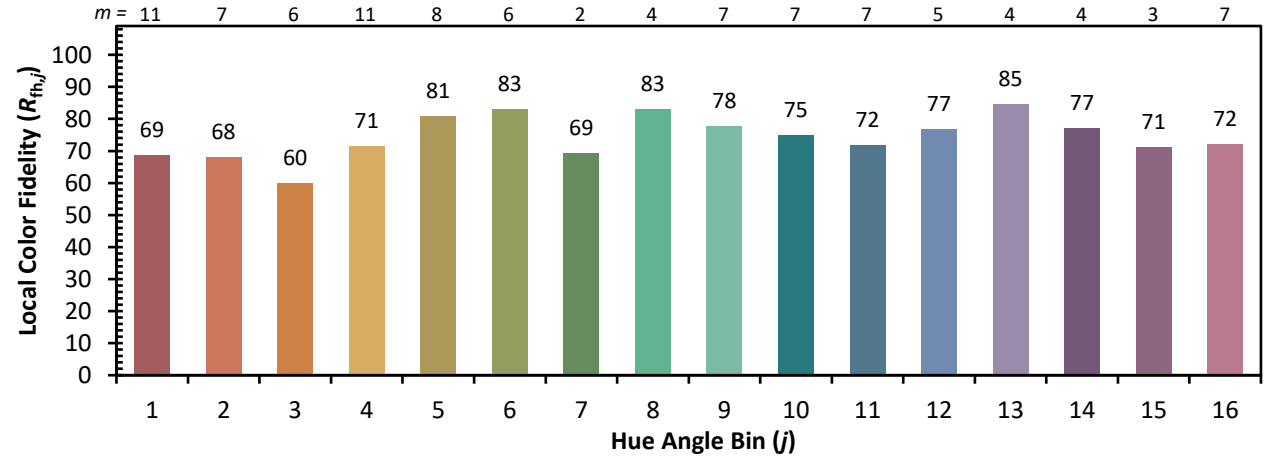
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Color Rendition by Hue-Angle Bin



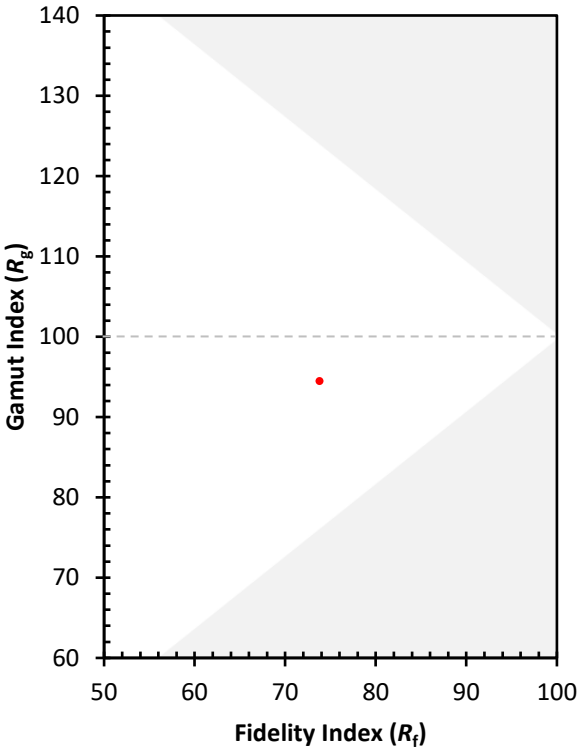


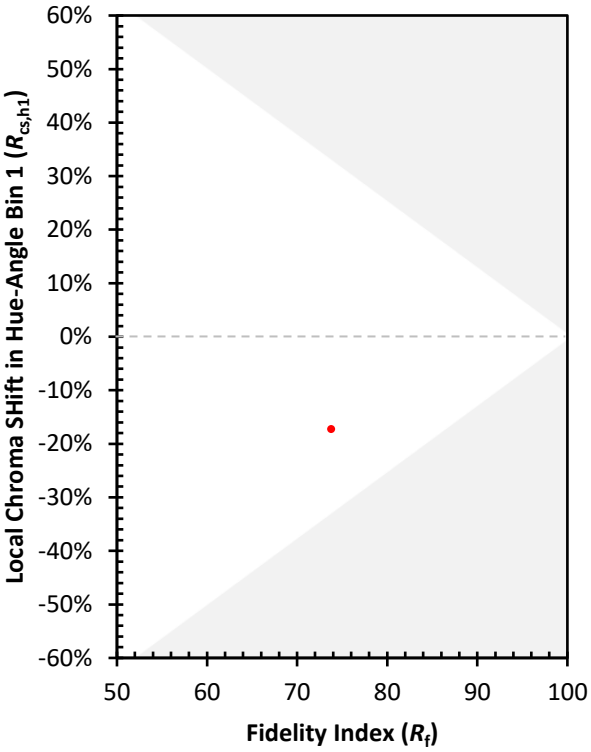


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Measure Comparisons





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