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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1366892

Luminaire Tested: **GSS-SB4B-730-U-T3R-HSS**

Issue Date: 02/18/2026

Report Generated By 670245763

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1366892
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-730-U-T3R-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 3000K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17560 lumens
Efficiency:	N/A
Efficacy:	118.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G3

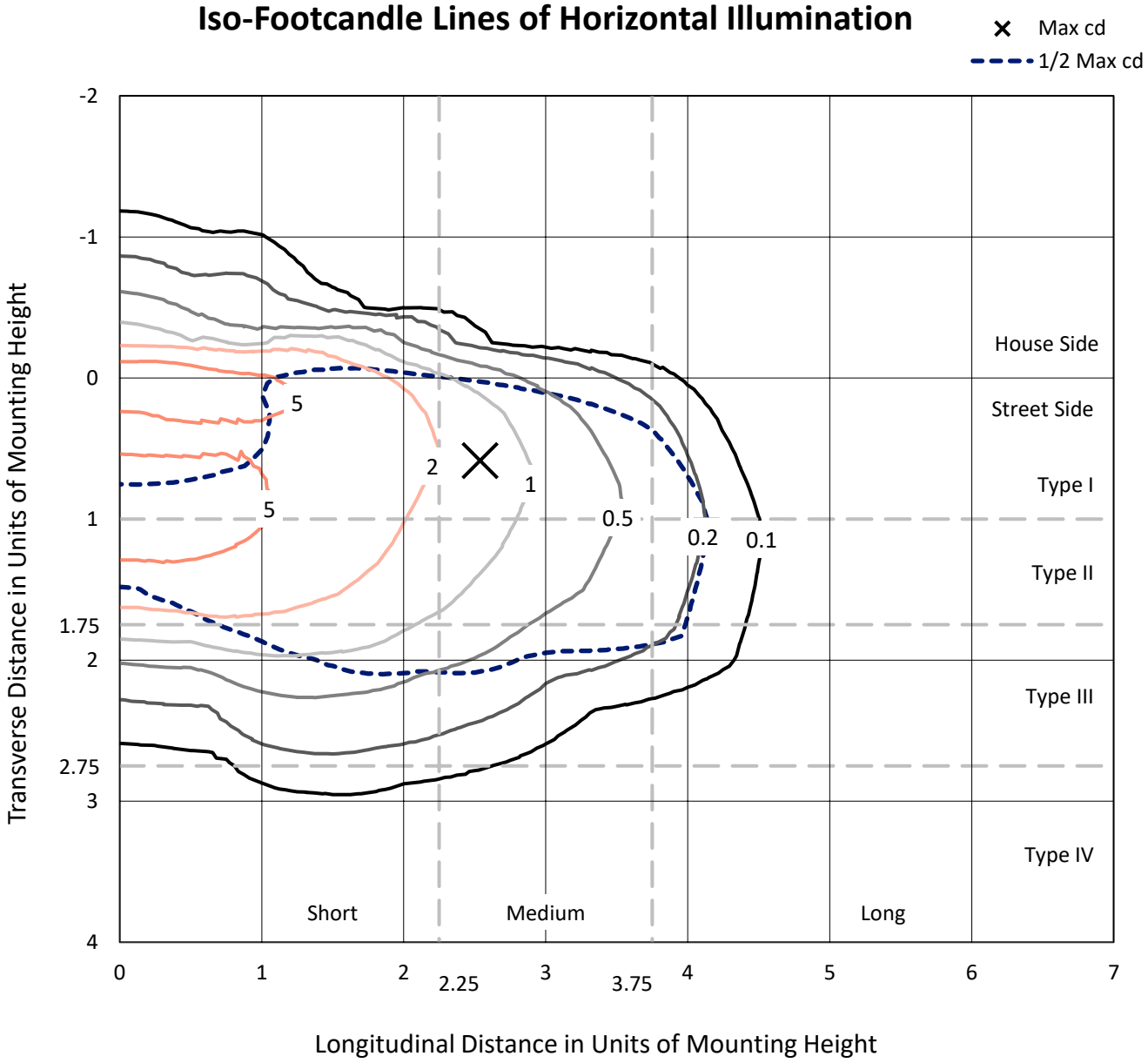
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1366892
CATALOG NUMBER: GSS-SB4B-730-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



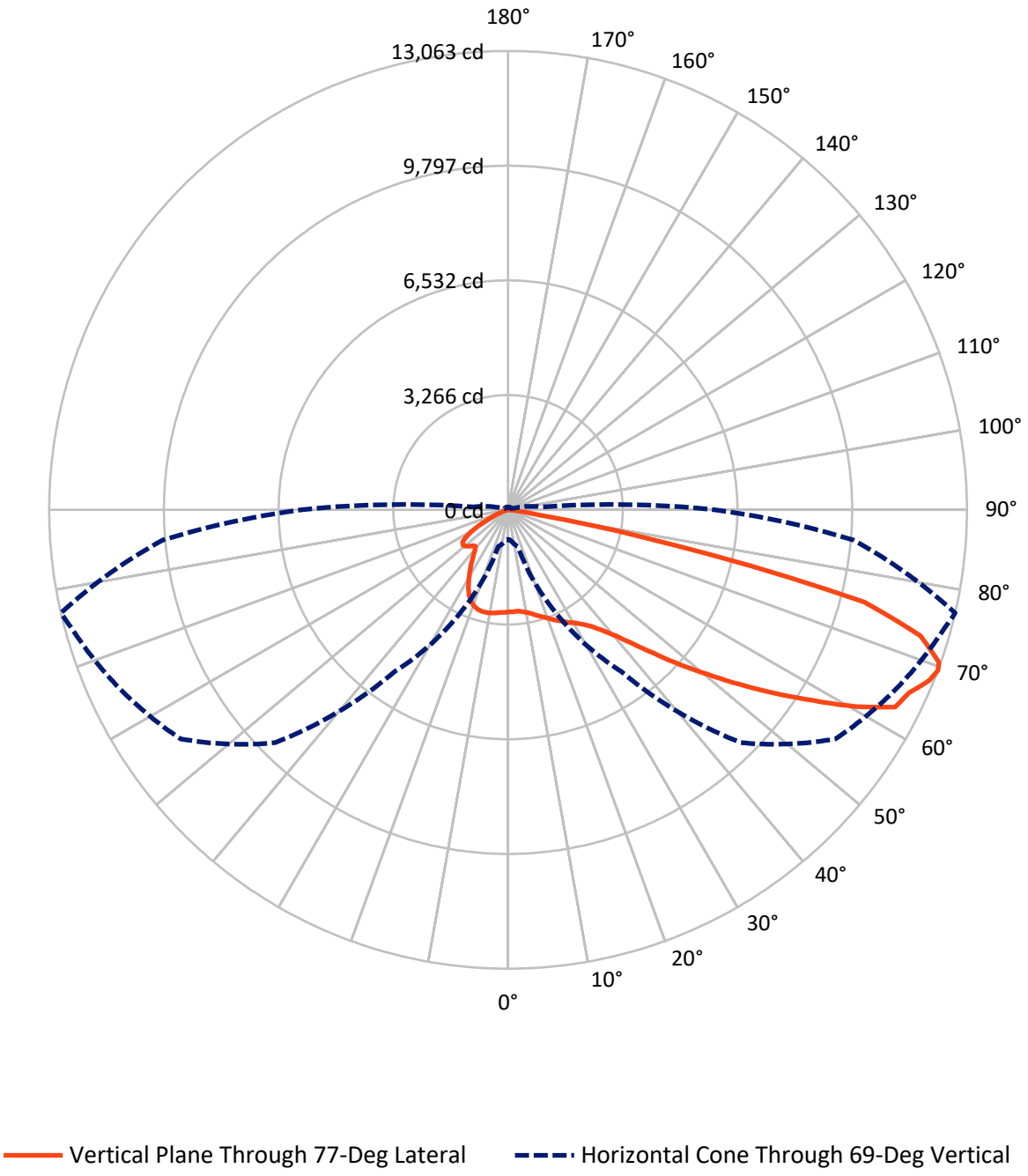
Based on 20 foot mounting height. Maximum calculated value = 8.3 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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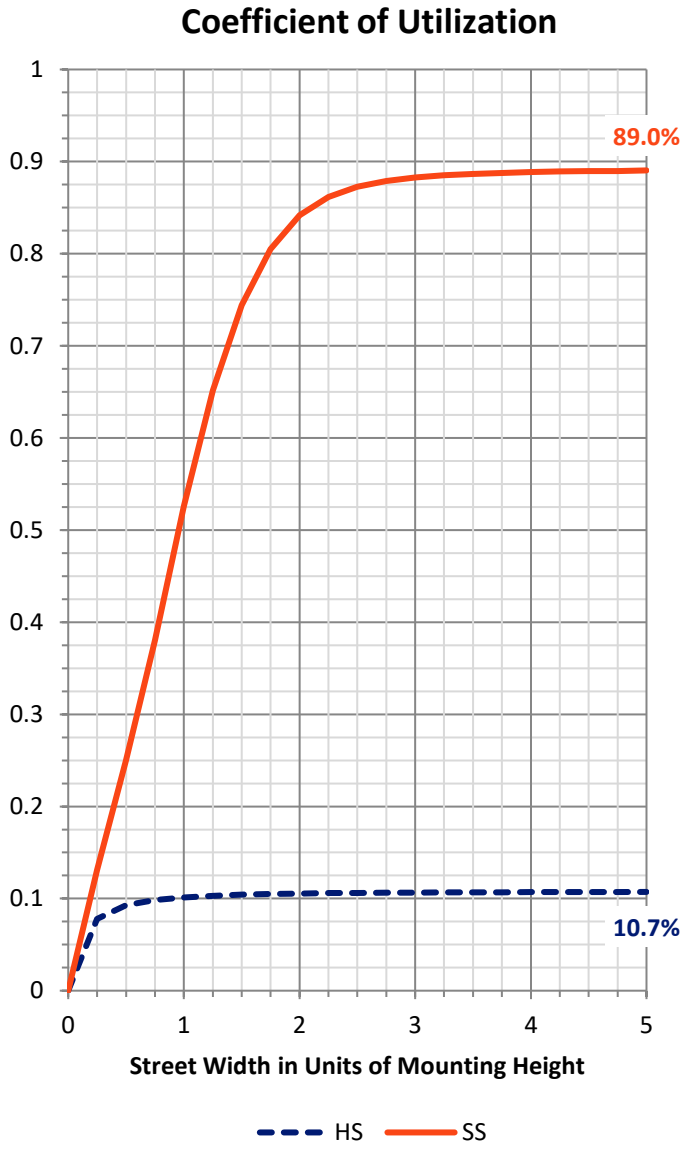
REPORT NUMBER: P1366892
CATALOG NUMBER: GSS-SB4B-730-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1898.1	0.0	1898.1
	% Fixture	10.8	0.0	10.8
Street Side	Lumens	15661.9	0.0	15661.9
	% Fixture	89.2	0.0	89.2
Total	Lumens	17560.0	0.0	17560.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	248.3	1.4
10°-20°	589.6	3.4
20°-30°	909.7	5.2
30°-40°	1616.0	9.2
40°-50°	3121.7	17.8
50°-60°	4535.5	25.8
60°-70°	4352.5	24.8
70°-80°	2109.2	12.0
80°-90°	77.4	0.4
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°	17560.0	100.0
0°-180°	17560.0	100.0



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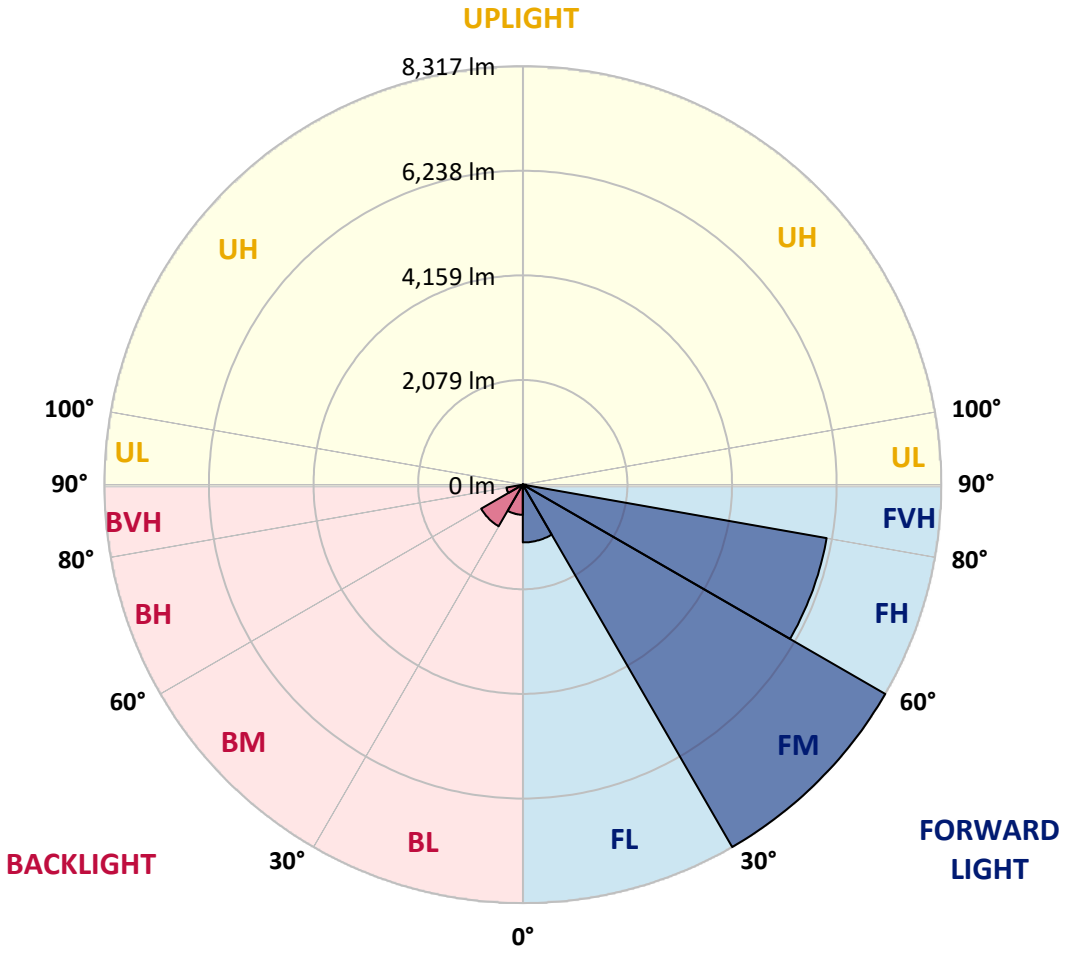
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REPORT NUMBER: P1366892
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1148.8	6.5			
FM	(30°-60°)	8317.1	47.4			
FH	(60°-80°)	6130.8	34.9			G3/7500
FVH	(80°-90°)	65.2	0.4			G1/100
BL	(0°-30°)	598.9	3.4	B2/1000		
BM	(30°-60°)	956.1	5.4	B1/1000		
BH	(60°-80°)	330.9	1.9	B1/500		G1/500
BVH	(80°-90°)	12.2	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2906.9	2906.9	2906.9	2906.9	2906.9	2906.9	2906.9	2906.9	2906.9	*2906.9*	2906.9
2.5°	2794.9	2805.0	2789.8	2799.9	2815.2	2825.4	2850.9	2861.0	2896.7	*2906.9*	2917.0
5°	2657.4	2667.6	2667.6	2688.0	2713.4	2743.9	2784.7	2825.4	2891.6	*2896.7*	2942.5
7.5°	2494.5	2489.4	2504.7	2545.4	2596.3	2672.7	2743.9	2815.2	2911.9	*2927.2*	3008.7
10°	2285.8	2285.8	2316.3	2372.3	2453.8	2581.0	2703.2	2810.1	2937.4	*2973.0*	3079.9
12.5°	2168.7	2173.8	2189.1	2234.9	2352.0	2499.6	2662.5	2835.6	3003.6	*3039.2*	3186.9
15°	2122.9	2128.0	2148.3	2194.1	2285.8	2458.9	2652.3	2866.1	3074.9	*3120.7*	3298.8
17.5°	2128.0	2122.9	2138.1	2173.8	2265.4	2433.4	2662.5	2917.0	3151.2	*3207.2*	3415.9
20°	2158.5	2158.5	2158.5	2184.0	2270.5	2433.4	2693.0	2988.3	3247.9	*3298.8*	3558.5
22.5°	2214.5	2204.3	2209.4	2219.6	2301.0	2464.0	2738.9	3064.7	3344.7	*3405.8*	3690.8
25°	2255.2	2250.1	2250.1	2270.5	2346.9	2494.5	2784.7	3181.8	3451.6	*3507.6*	3828.3
27.5°	2509.8	2484.3	2402.9	2336.7	2397.8	2560.7	2850.9	3283.6	3563.6	*3624.7*	3955.6
30°	3309.0	3268.3	3018.9	2662.5	2509.8	2637.0	2937.4	3390.5	3685.8	*3736.7*	4118.5
32.5°	4510.5	4459.6	4072.7	3390.5	2881.4	2789.8	3054.5	3517.8	3823.2	*3879.2*	4311.9
35°	5767.9	5701.7	5319.9	4546.1	3670.5	3130.9	3232.7	3680.7	4011.6	*4072.7*	4586.8
37.5°	6694.4	6648.6	6378.8	5737.3	4683.6	3777.4	3527.9	3914.8	4276.3	*4342.5*	4963.5
40°	7463.1	7432.6	7351.1	6816.6	5823.9	4714.1	4026.8	4276.3	4637.7	*4709.0*	5421.7
42.5°	8135.1	8124.9	8160.6	7921.3	7101.7	5798.4	4780.3	4805.7	5131.5	*5207.9*	6002.1
45°	8690.0	8695.1	8837.7	8954.7	8415.1	6984.6	5650.8	5437.0	5727.2	*5829.0*	6633.3
47.5°	9234.7	9194.0	9453.6	9708.2	9514.7	8186.0	6551.9	6149.7	6460.2	*6577.3*	7335.9
50°	9311.1	9326.4	9774.4	10196.9	10364.9	9321.3	7529.3	6949.0	7239.1	*7351.1*	8084.2
52.5°	8878.4	8970.0	9647.1	10420.9	10863.8	10324.2	8547.5	7804.2	8063.9	*8257.3*	8852.9
55°	6765.7	6979.5	9199.1	10176.5	10945.3	11001.3	9489.3	8618.8	8985.3	*9219.5*	9575.8
57.5°	5885.0	5946.1	7162.8	9667.5	10670.3	11362.7	10283.4	9433.3	9983.1	*10242.7*	10308.9
60°	5055.2	5085.7	6022.4	8858.0	10196.9	11215.1	10950.3	10385.3	11067.4	*11367.8*	10935.1
62.5°	2973.0	3212.3	4261.0	7137.3	9606.4	11021.6	11459.4	11367.8	12095.8	*12365.6*	11011.4
65°	1506.9	1639.2	2275.6	5289.4	8583.1	10914.7	11922.7	11922.7	12289.2	*12548.9*	10451.4
67.5°	977.4	1028.3	1282.9	3930.1	6669.0	10512.5	11729.2	11932.9	12660.9	*12945.9*	10222.4
69°	*840.0*	*875.6*	*1089.4*	*3258.1*	*5615.2*	*9372.2*	*11372.9*	*12151.8*	*12889.9*	*13063.0*	*9860.9*
70°	753.4	784.0	992.7	2840.7	4877.0	7906.0	11169.2	12218.0	12854.3	*13012.1*	9494.4
72.5°	524.4	529.4	738.2	1680.0	3090.1	5024.6	9061.7	11683.4	12279.0	*12279.0*	8364.2
75°	218.9	259.6	417.4	738.2	1288.0	2784.7	4388.3	9962.7	10655.1	*10471.8*	6445.0
77.5°	173.1	203.6	361.4	407.3	468.4	1150.5	1557.8	5829.0	5080.6	*4795.5*	2107.6
80°	127.3	147.6	305.4	274.9	173.1	336.0	386.9	1328.7	952.0	*834.9*	320.7
82.5°	56.0	71.3	234.2	173.1	96.7	106.9	142.5	280.0	274.9	*244.4*	132.4
85°	30.5	45.8	101.8	61.1	40.7	40.7	56.0	86.5	76.4	*76.4*	56.0
87.5°	0.0	0.0	5.1	5.1	10.2	15.3	20.4	30.5	35.6	*35.6*	35.6
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: P1366892
CATALOG NUMBER: GSS-SB4B-730-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2906.9	2906.9	2906.9	2906.9	2906.9	2906.9	2906.9	2906.9	2906.9	2906.9	2906.9
2.5°	2917.0	2922.1	2922.1	2906.9	2891.6	2871.2	2835.6	2815.2	2805.0	2794.9	2789.8
5°	2942.5	2952.7	2927.2	2861.0	2779.6	2667.6	2565.8	2484.3	2413.0	2397.8	2382.5
7.5°	3008.7	3018.9	2942.5	2774.5	2565.8	2377.4	2173.8	2031.2	1914.1	1888.7	1893.8
10°	3095.2	3105.4	2947.6	2657.4	2341.8	2021.1	1741.1	1496.7	1338.9	1303.2	1257.4
12.5°	3217.4	3207.2	2932.3	2509.8	2056.7	1603.6	1226.9	962.2	829.8	748.3	763.6
15°	3334.5	3309.0	2901.8	2326.5	1695.2	1145.4	773.8	626.2	580.4	575.3	575.3
17.5°	3477.0	3415.9	2845.8	2087.2	1282.9	768.7	585.4	554.9	544.7	549.8	544.7
20°	3609.4	3497.4	2754.1	1786.9	921.4	590.5	544.7	529.4	524.4	519.3	519.3
22.5°	3751.9	3563.6	2616.7	1440.7	661.8	539.6	519.3	504.0	488.7	483.6	483.6
25°	3889.4	3609.4	2433.4	1094.5	544.7	509.1	483.6	463.3	448.0	437.8	437.8
27.5°	4006.5	3624.7	2204.3	799.3	498.9	478.5	442.9	417.4	397.1	392.0	392.0
30°	4143.9	3619.6	1924.3	600.7	468.4	437.8	397.1	361.4	346.2	351.3	351.3
32.5°	4286.5	3639.9	1644.3	504.0	437.8	392.0	336.0	305.4	295.3	295.3	300.4
35°	4469.7	3670.5	1379.6	473.4	407.3	336.0	285.1	249.4	244.4	254.5	254.5
37.5°	4709.0	3706.1	1125.1	468.4	381.8	290.2	234.2	213.8	208.7	213.8	213.8
40°	5045.0	3818.1	885.8	468.4	361.4	259.6	198.5	188.4	188.4	188.4	188.4
42.5°	5523.5	4072.7	722.9	463.3	351.3	239.3	178.2	168.0	168.0	173.1	173.1
45°	6037.7	4459.6	672.0	448.0	341.1	239.3	168.0	157.8	162.9	162.9	162.9
47.5°	6531.5	4851.5	687.3	422.5	330.9	244.4	162.9	152.7	152.7	152.7	152.7
50°	6969.3	5126.5	712.7	386.9	310.5	239.3	162.9	142.5	147.6	147.6	147.6
52.5°	7427.5	5243.5	722.9	336.0	280.0	229.1	162.9	137.5	137.5	142.5	142.5
55°	7814.4	5207.9	682.2	285.1	244.4	213.8	152.7	132.4	132.4	132.4	132.4
57.5°	8140.2	4948.3	554.9	239.3	208.7	178.2	142.5	127.3	127.3	127.3	127.3
60°	8257.3	4296.6	407.3	203.6	168.0	147.6	132.4	122.2	117.1	117.1	112.0
62.5°	7809.3	3314.1	280.0	173.1	142.5	127.3	117.1	112.0	106.9	96.7	91.6
65°	6964.2	2280.7	203.6	142.5	122.2	106.9	106.9	101.8	86.5	76.4	71.3
67.5°	6322.8	1400.0	162.9	117.1	101.8	91.6	91.6	91.6	81.5	66.2	66.2
69°	*5879.9*	*972.3*	*147.6*	*106.9*	*91.6*	*81.5*	*81.5*	*86.5*	*76.4*	*61.1*	*61.1*
70°	5498.1	763.6	137.5	96.7	81.5	76.4	76.4	81.5	71.3	56.0	56.0
72.5°	4586.8	376.7	117.1	81.5	66.2	61.1	66.2	66.2	61.1	45.8	45.8
75°	3344.7	224.0	96.7	66.2	50.9	45.8	56.0	56.0	45.8	35.6	35.6
77.5°	1084.3	132.4	76.4	56.0	45.8	40.7	45.8	40.7	35.6	25.5	25.5
80°	229.1	81.5	56.0	40.7	35.6	30.5	30.5	25.5	25.5	20.4	20.4
82.5°	101.8	61.1	40.7	35.6	25.5	25.5	20.4	20.4	15.3	15.3	15.3
85°	50.9	40.7	30.5	25.5	20.4	20.4	15.3	15.3	15.3	15.3	15.3
87.5°	35.6	30.5	25.5	15.3	15.3	15.3	10.2	10.2	10.2	10.2	10.2
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

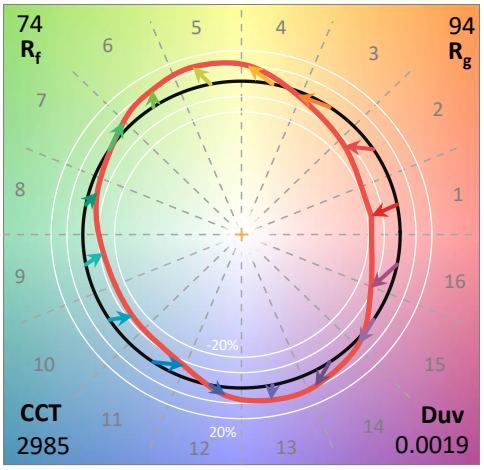
Test Information

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

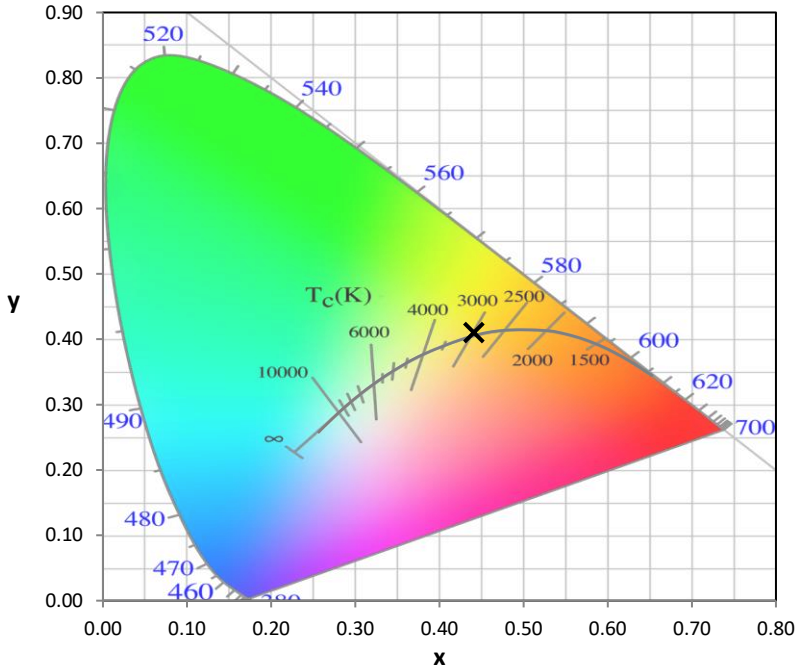
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

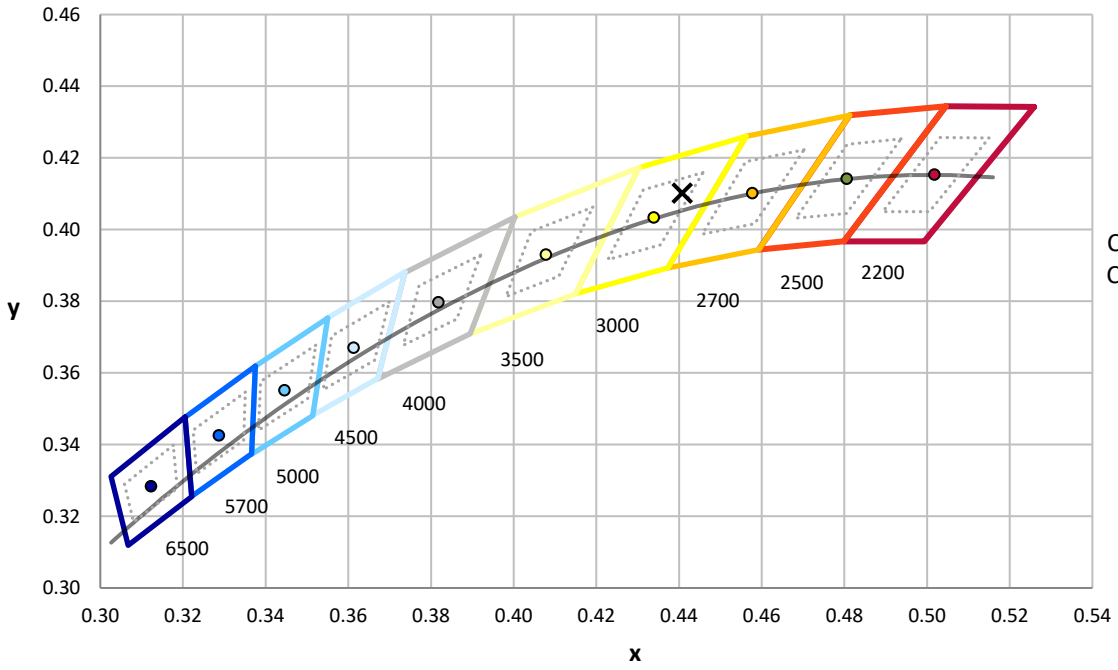
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

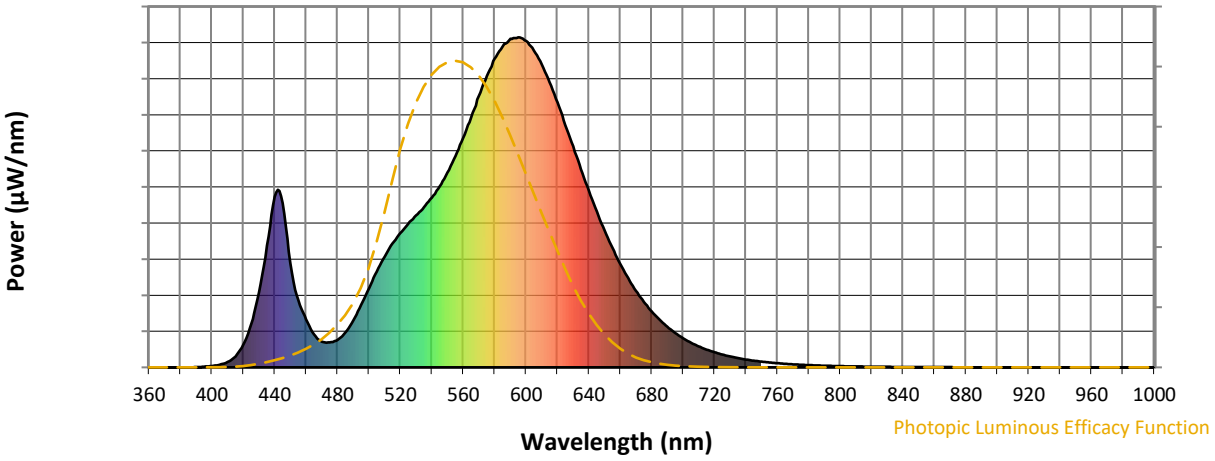


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

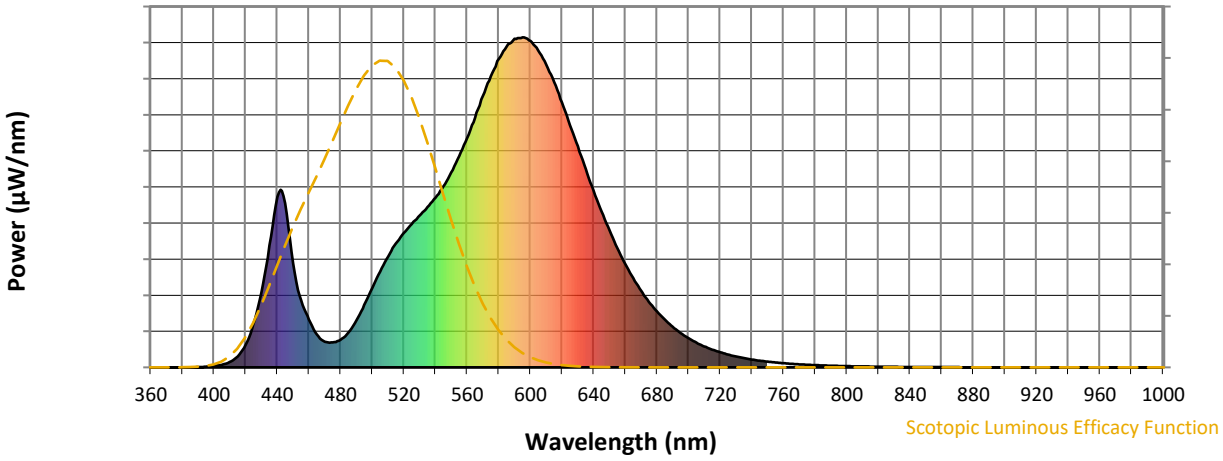


Photopic Lumens: NR

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

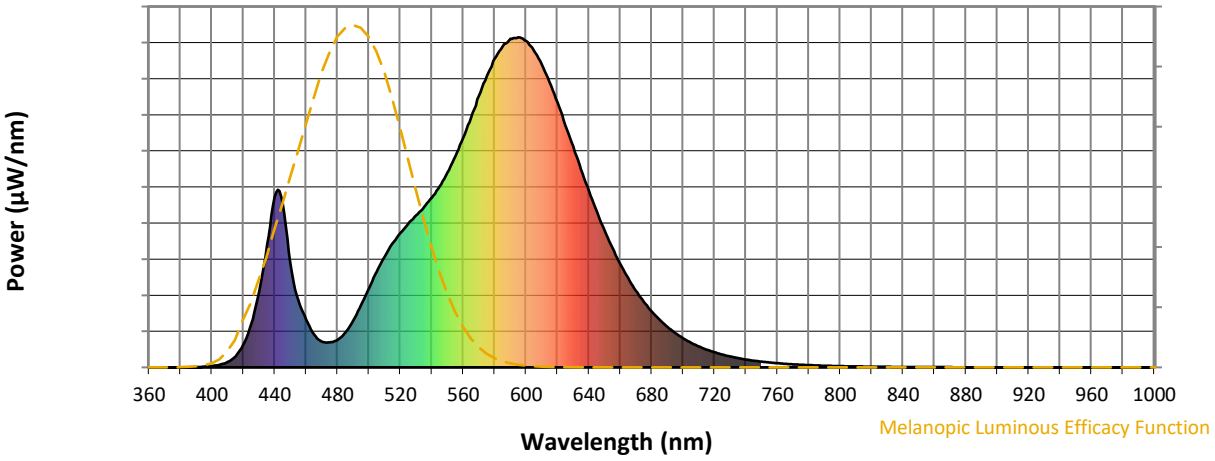


Scotopic Lumens: NR **S/P: 1.19**

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			

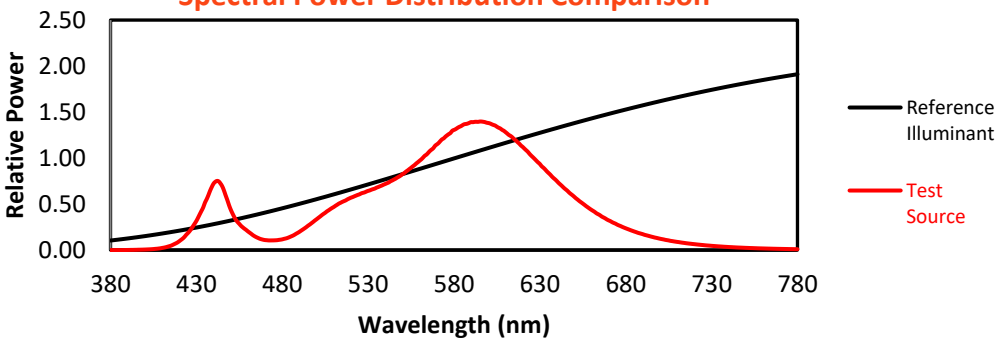
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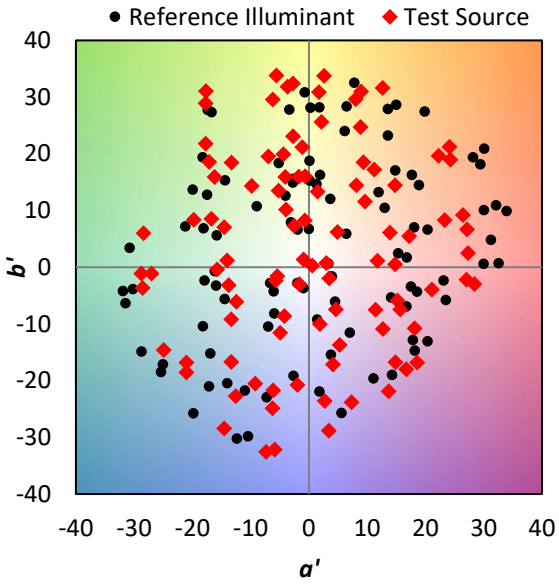
Summary

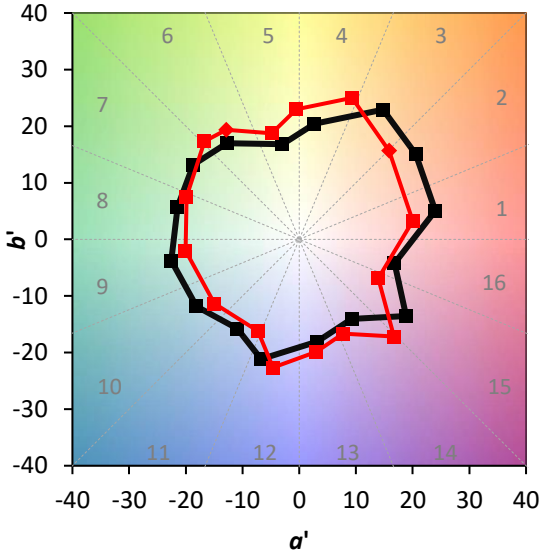
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

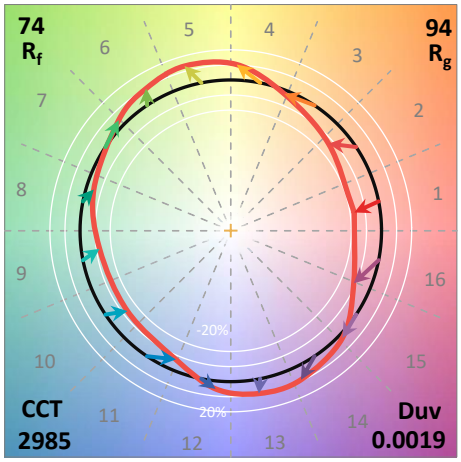
Spectral Power Distribution Comparison

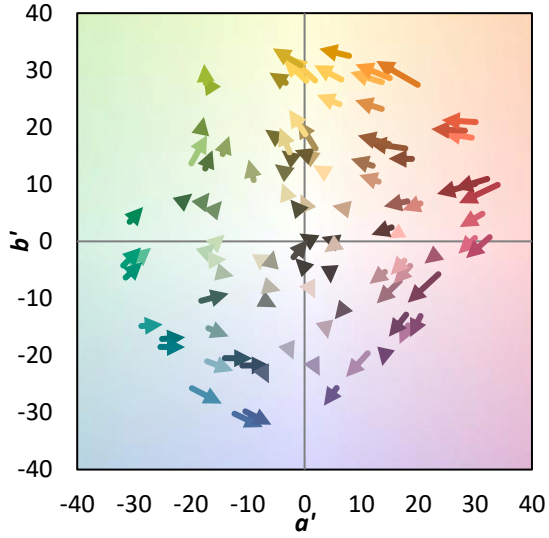


Color Vector Graphics







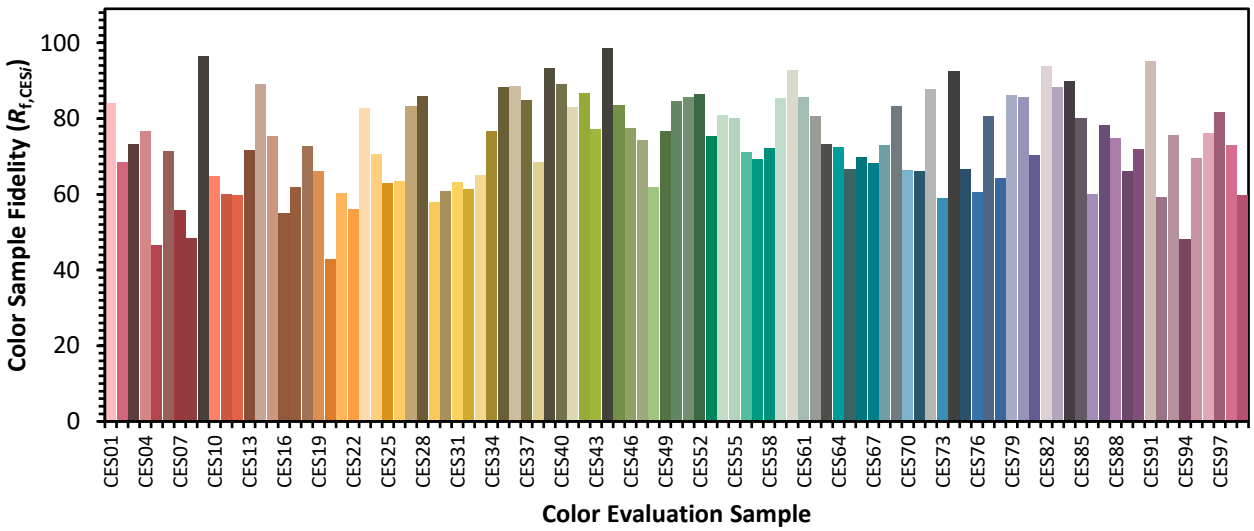


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Individual Sample Fidelity Index ($R_{f,i}$)

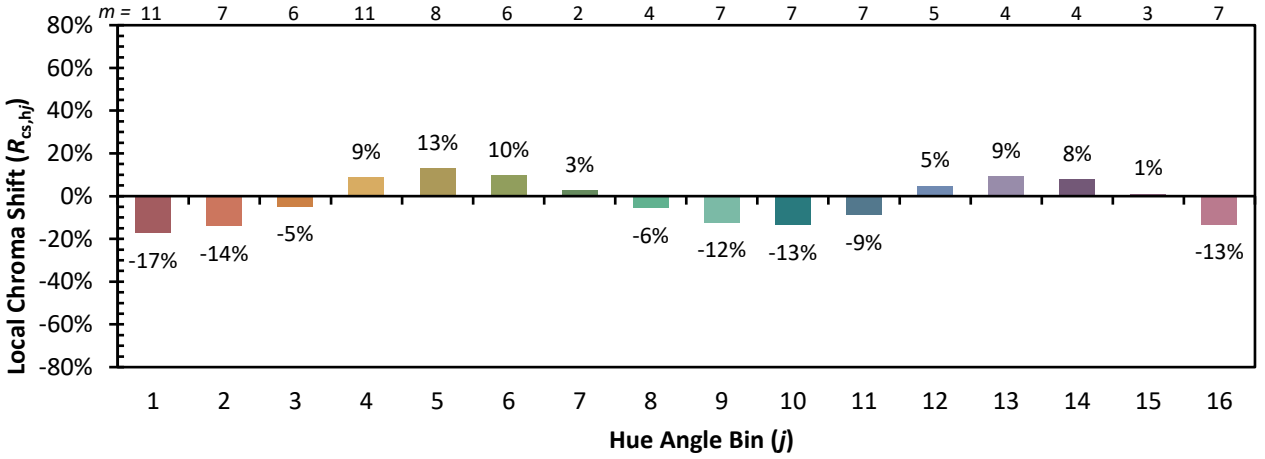
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

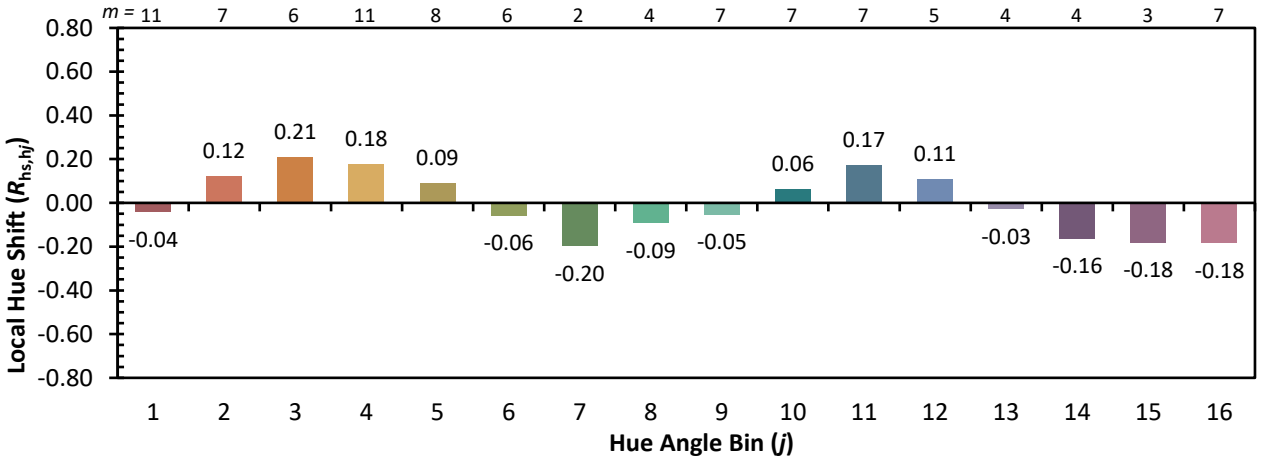


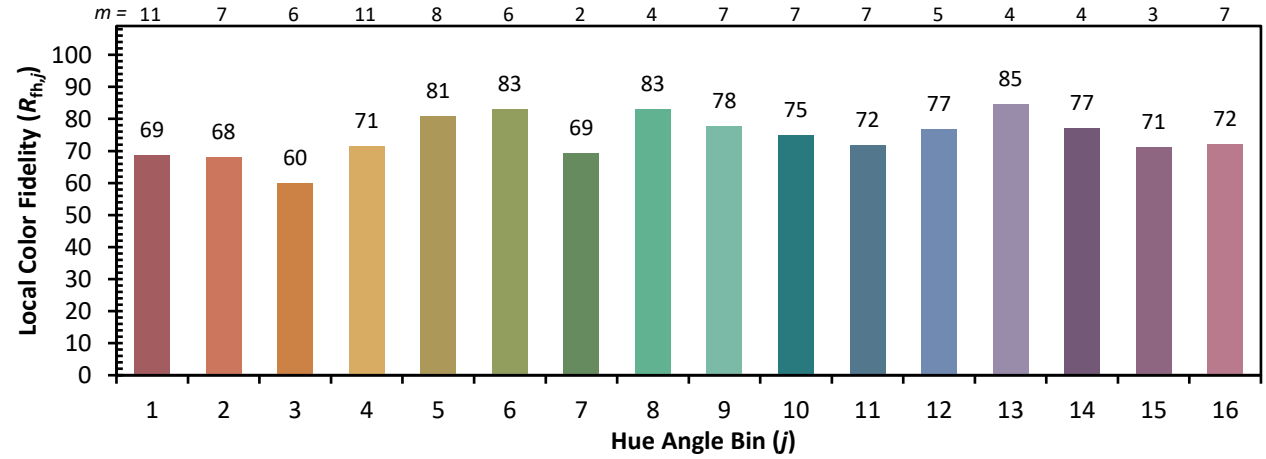
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Color Rendition by Hue-Angle Bin



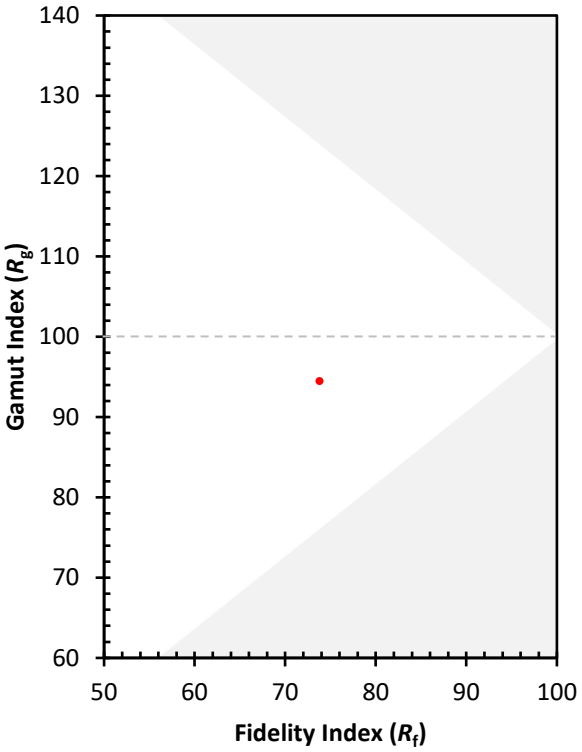


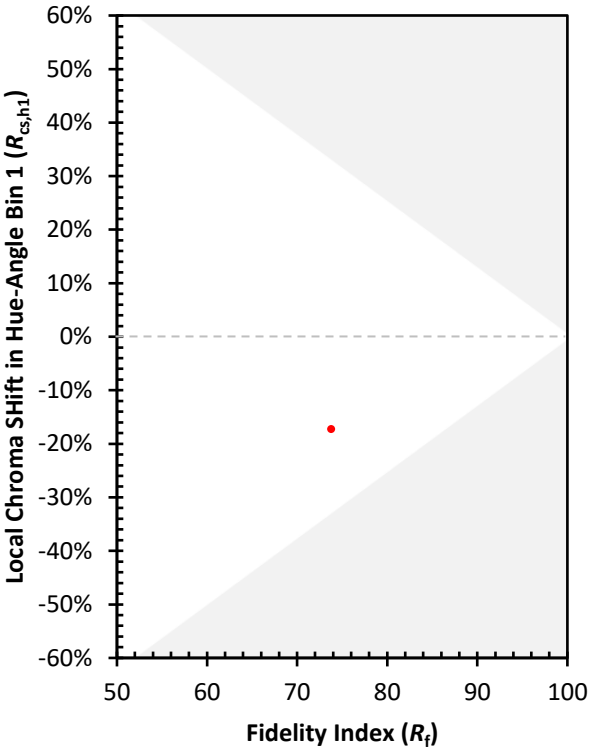


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Measure Comparisons





(END OF REPORT)