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: P1363795

Luminaire Tested: **GSS-SB4A-727-U-SL3-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:	P1363795
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-727-U-SL3-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2700K FIXTURE w/ TYPE III SPILL CONTROL DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(104) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11515 lumens
Efficiency:	N/A
Efficacy:	101.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

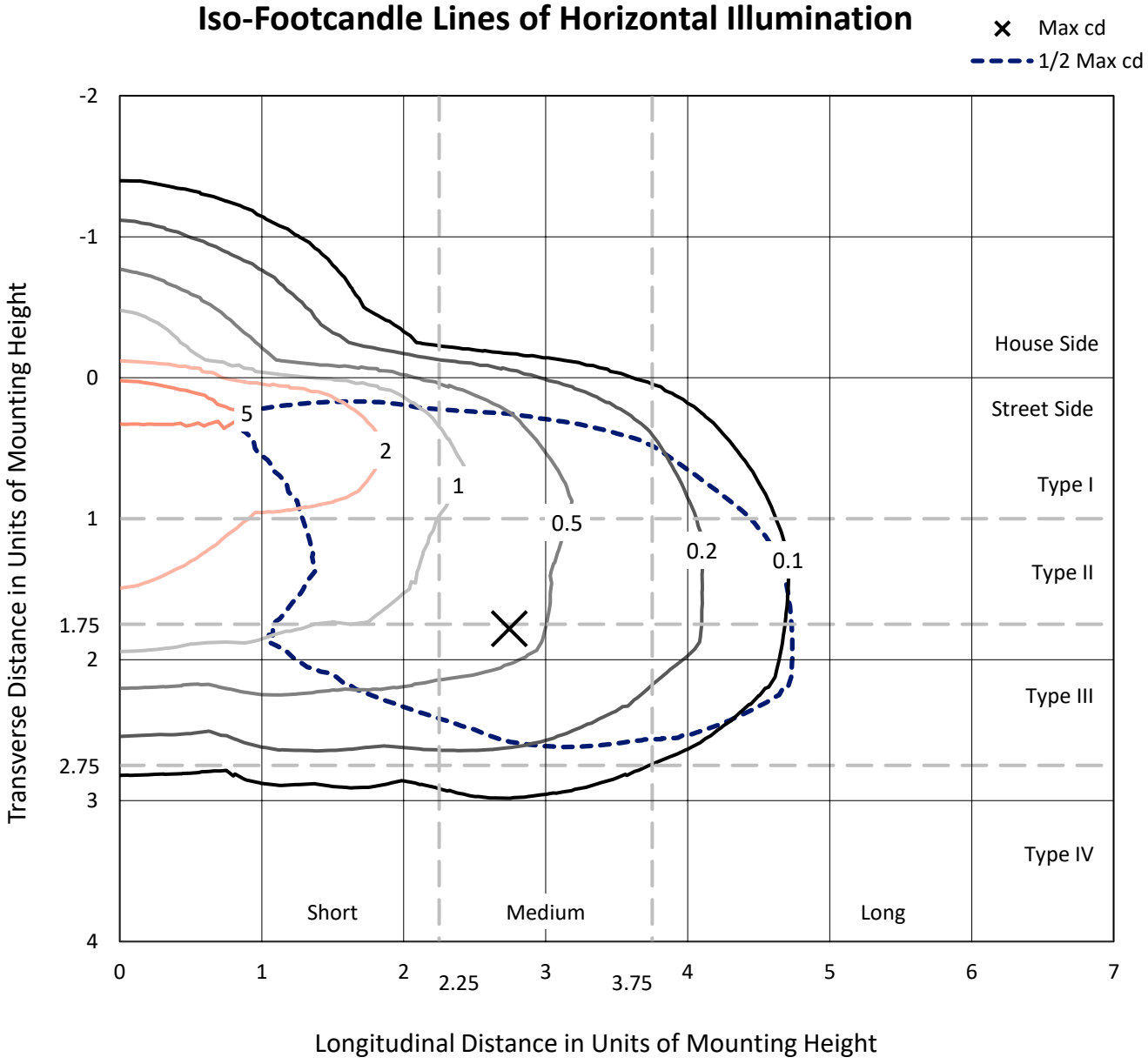
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1363795
CATALOG NUMBER: GSS-SB4A-727-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination



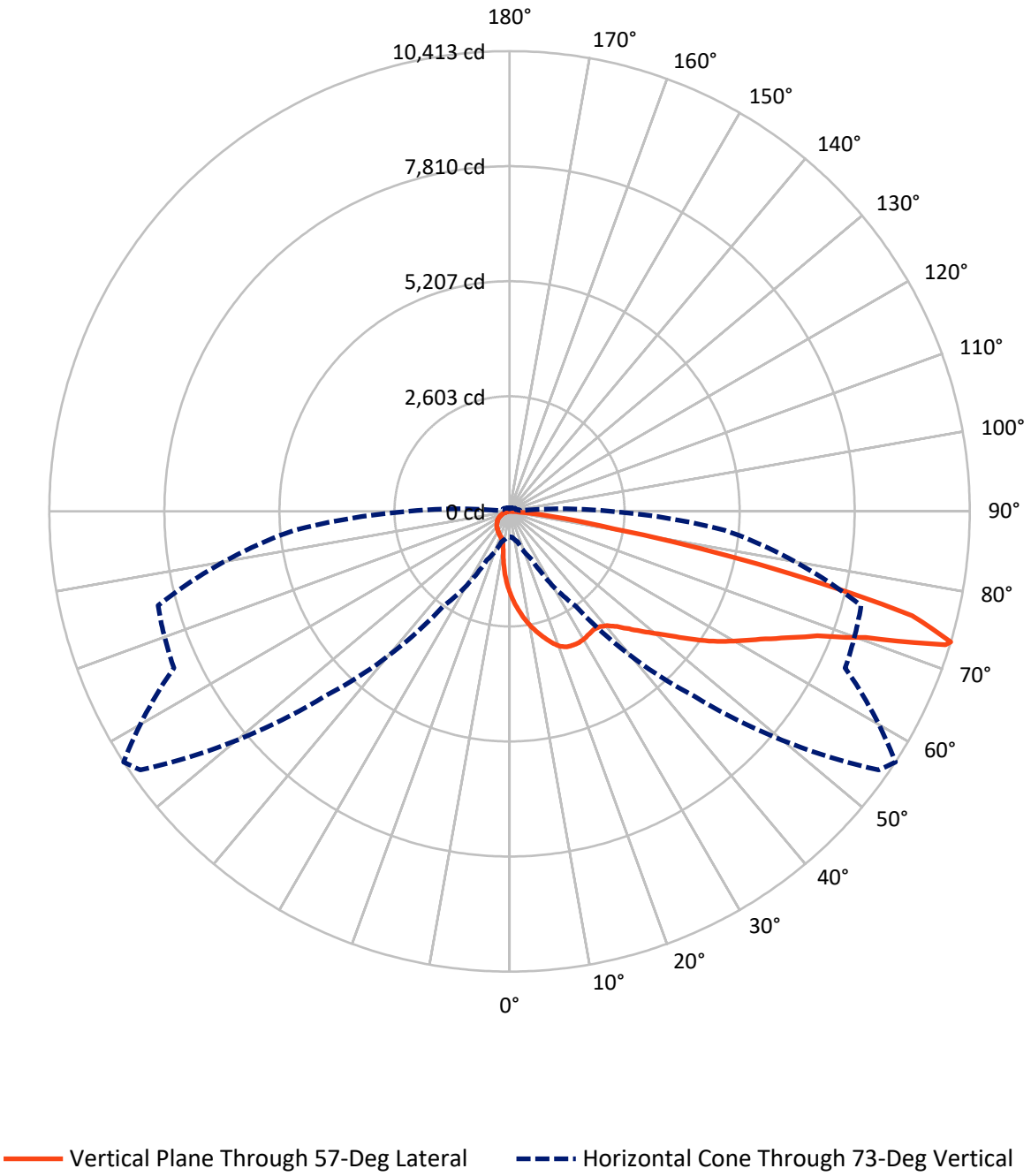
Based on 20 foot mounting height. Maximum calculated value = 6.8 fc
Type III - Medium - N/A

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REPORT NUMBER: P1363795
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Luminous Intensity Polar Plot



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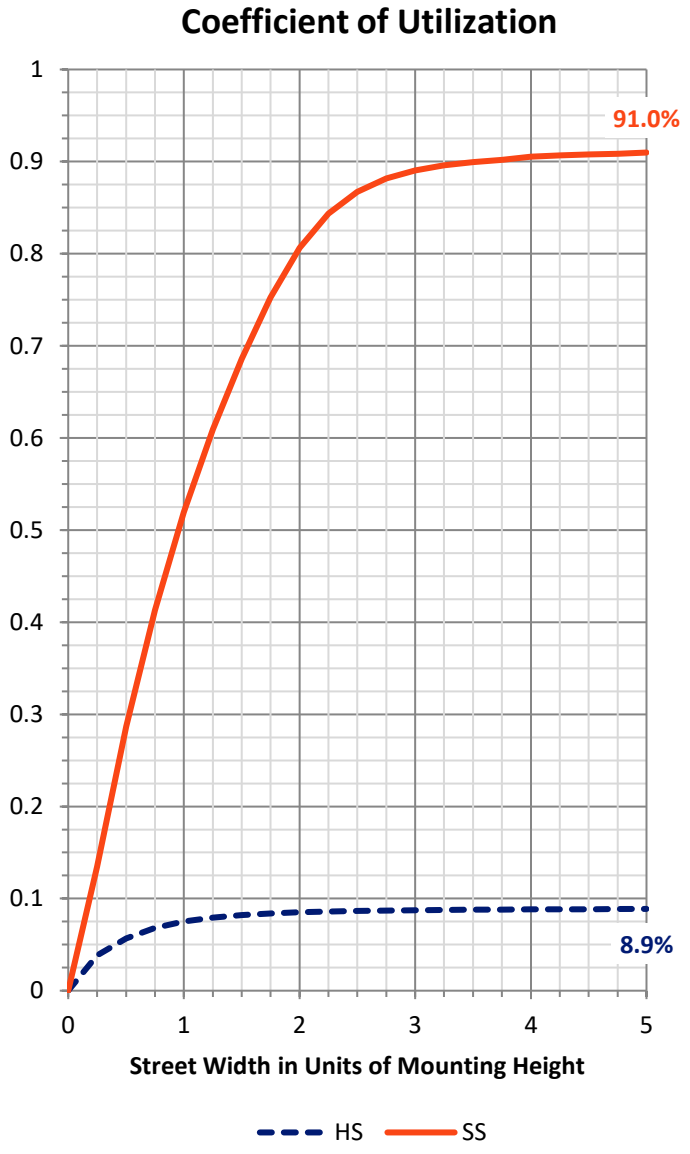
REPORT NUMBER: P1363795
CATALOG NUMBER: GSS-SB4A-727-U-SL3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1031.4	0.0	1031.4
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	10483.6	0.0	10483.6
	% Fixture	91.0	0.0	91.0
Total	Lumens	11515.0	0.0	11515.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.7	1.5
10°-20°	492.5	4.3
20°-30°	747.5	6.5
30°-40°	1082.5	9.4
40°-50°	1616.6	14.0
50°-60°	2340.8	20.3
60°-70°	2835.8	24.6
70°-80°	2048.1	17.8
80°-90°	179.6	1.6
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°	11515.0	100.0
0°-180°	11515.0	100.0



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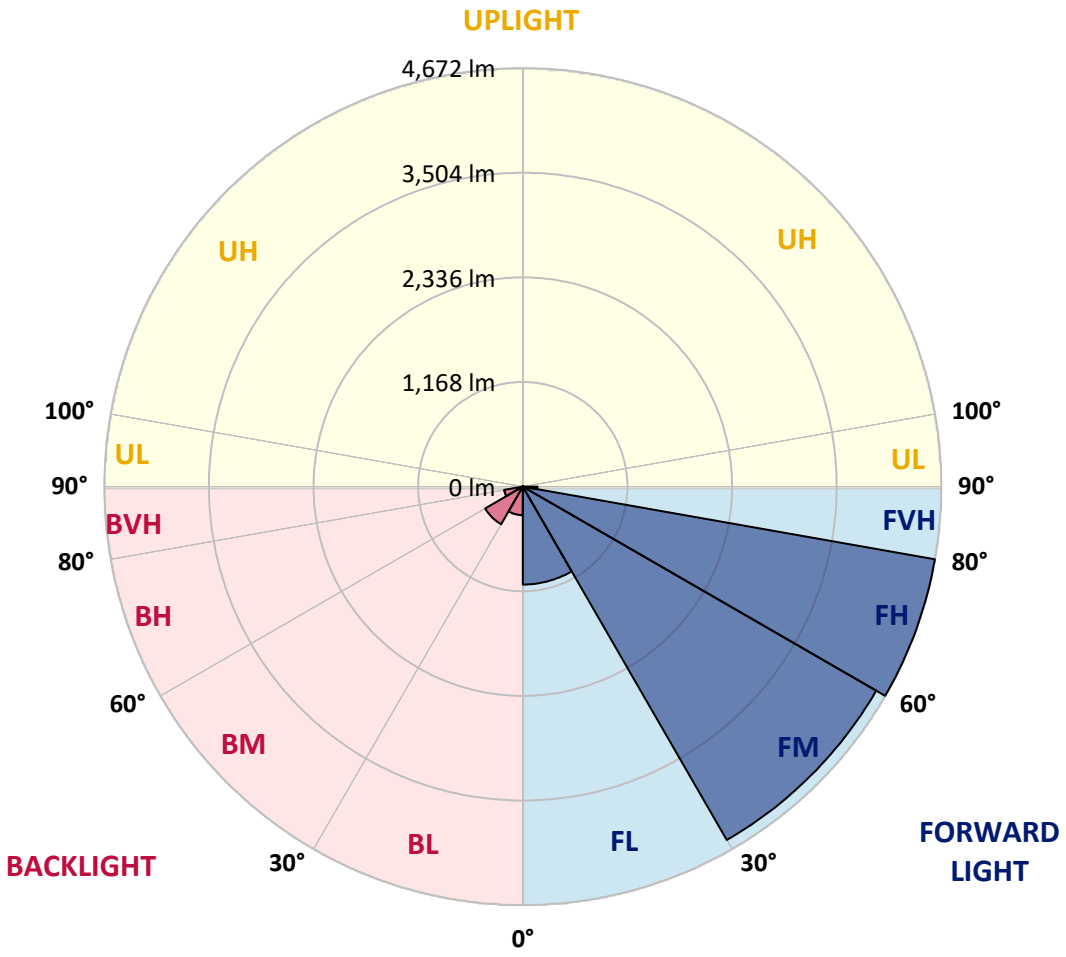
Scaled Data Report

REPORT NUMBER: P1363795
CATALOG NUMBER: GSS-SB4A-727-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1092.9	9.5			
FM	(30°-60°)	4554.8	39.6			
FH	(60°-80°)	4672.0	40.6			G2/5000
FVH	(80°-90°)	164.0	1.4			G2/225
BL	(0°-30°)	318.8	2.8	B1/500		
BM	(30°-60°)	485.1	4.2	B1/1000		
BH	(60°-80°)	211.9	1.8	B1/500		G1/500
BVH	(80°-90°)	15.6	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Medium



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REPORT NUMBER: P1363795
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	1852.4	1852.4	1852.4	1852.4	1852.4	1852.4	1852.4	*1852.4*	1852.4	1852.4	1852.4
2.5°	2227.4	2234.9	2208.6	2193.6	2163.6	2114.9	2066.1	*2066.1*	2009.9	1957.4	1889.9
5°	2557.4	2534.9	2523.6	2486.1	2429.9	2369.9	2283.6	*2261.1*	2171.1	2058.6	1923.6
7.5°	2808.6	2782.3	2771.1	2737.3	2673.6	2594.8	2478.6	*2459.9*	2328.6	2163.6	1968.6
10°	2962.3	2943.6	2943.6	2917.3	2868.6	2786.1	2669.8	*2643.6*	2486.1	2261.1	1998.6
12.5°	2894.8	2887.3	2932.3	2992.3	3014.8	2966.1	2842.3	*2808.6*	2628.6	2369.9	2036.1
15°	2587.3	2579.8	2662.3	2819.8	3011.1	3093.6	2999.8	*2969.8*	2782.3	2482.4	2073.6
17.5°	2291.1	2279.9	2358.6	2516.1	2801.1	3108.6	3164.8	*3127.3*	2936.1	2594.8	2114.9
20°	2122.4	2111.1	2163.6	2291.1	2549.9	2988.6	3251.1	*3258.6*	3104.8	2718.6	2156.1
22.5°	2062.4	2058.6	2084.9	2171.1	2354.9	2782.3	3284.8	*3329.8*	3288.6	2861.1	2216.1
25°	2088.6	2073.6	2081.1	2114.9	2246.1	2617.3	3266.1	*3352.3*	3442.3	3033.6	2294.9
27.5°	2156.1	2144.9	2133.6	2133.6	2201.1	2497.4	3217.3	*3359.8*	3599.8	3221.1	2362.4
30°	2268.6	2253.6	2219.9	2178.6	2201.1	2422.4	3161.1	*3341.1*	3734.8	3423.6	2456.1
32.5°	2523.6	2512.4	2414.9	2283.6	2253.6	2403.6	3097.3	*3307.3*	3881.0	3663.5	2564.9
35°	2774.8	2763.6	2696.1	2508.6	2343.6	2418.6	3056.1	*3284.8*	4061.0	3956.0	2692.3
37.5°	2887.3	2868.6	2816.1	2714.8	2553.6	2504.9	3067.3	*3311.1*	4319.7	4278.5	2849.8
40°	3029.8	2999.8	2921.1	2827.3	2756.1	2703.6	3157.3	*3401.1*	4608.5	4649.7	3022.3
42.5°	3239.8	3206.1	3089.8	2958.6	2876.1	2981.1	3329.8	*3562.3*	4964.7	5062.2	3232.3
45°	3528.5	3483.5	3333.6	3161.1	3059.8	3119.8	3562.3	*3791.0*	5362.2	5530.9	3476.0
47.5°	3791.0	3779.8	3611.0	3412.3	3292.3	3213.6	3813.5	*4057.3*	5782.2	6055.9	3727.3
50°	4038.5	3997.3	3832.3	3637.3	3536.0	3404.8	4091.0	*4353.5*	6202.1	6535.9	3997.3
52.5°	4308.5	4263.5	4038.5	3817.3	3716.0	3686.0	4451.0	*4706.0*	6569.6	7042.1	4271.0
55°	4518.5	4454.7	4207.3	4023.5	3862.3	3963.5	4837.2	*5129.7*	6895.8	7499.6	4548.5
57.5°	4781.0	4698.5	4346.0	4211.0	4087.3	4244.8	5272.2	*5553.4*	7237.1	7885.8	4826.0
60°	5009.7	4946.0	4604.7	4436.0	4319.7	4563.5	5695.9	*5943.4*	7503.3	8215.8	5081.0
62.5°	4312.2	4304.7	4394.7	4901.0	4728.5	5047.2	6149.6	*6367.1*	7664.6	8437.0	5185.9
65°	3059.8	3082.3	3333.6	4908.5	5523.4	5857.2	6745.9	*6888.3*	7672.1	8185.8	4979.7
67.5°	1946.1	1923.6	2234.9	4109.8	5553.4	7454.6	7653.3	*7510.8*	7327.1	7915.8	5006.0
70°	1166.2	1173.7	1278.7	2981.1	4578.5	7818.3	8920.7	*8553.3*	7533.3	8114.5	5028.5
72.5°	633.7	648.7	798.7	1462.4	3033.6	6220.9	10263.2	*10315.6*	8238.3	8208.3	4942.2
73°	*577.5*	*581.2*	*716.2*	*1222.4*	*2624.8*	*5913.4*	*10199.4*	*10413.1*	*8380.8*	*8234.5*	*4886.0*
75°	382.5	382.5	487.5	693.7	1151.2	4597.2	8467.0	*9412.0*	8864.5	7964.5	4447.2
77.5°	236.2	251.2	337.5	480.0	420.0	2313.6	4979.7	*5759.7*	7904.5	5992.2	2793.6
80°	86.2	93.7	210.0	315.0	243.7	877.4	2088.6	*2396.1*	3663.5	3041.1	1008.7
82.5°	45.0	48.7	131.2	161.2	131.2	228.7	933.7	*997.4*	1477.4	791.2	187.5
85°	22.5	26.2	56.2	67.5	52.5	75.0	232.5	*217.5*	333.7	105.0	52.5
87.5°	0.0	0.0	3.7	7.5	11.2	15.0	22.5	*22.5*	26.2	30.0	30.0
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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Scaled Data Report

REPORT NUMBER: P1363795
CATALOG NUMBER: GSS-SB4A-727-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1852.4	1852.4	1852.4	1852.4	1852.4	1852.4	1852.4	1852.4	1852.4	1852.4	1852.4
2.5°	1848.6	1818.6	1747.4	1676.2	1623.7	1567.4	1514.9	1469.9	1443.7	1432.4	1443.7
5°	1852.4	1788.6	1642.4	1496.2	1353.7	1237.4	1128.7	1049.9	993.7	974.9	967.4
7.5°	1852.4	1747.4	1518.7	1278.7	1068.7	914.9	806.2	757.5	731.2	727.5	727.5
10°	1848.6	1698.7	1379.9	1064.9	825.0	720.0	686.2	678.7	678.7	678.7	682.5
12.5°	1844.9	1653.7	1222.4	858.7	693.7	660.0	648.7	648.7	652.5	656.2	660.0
15°	1837.4	1586.2	1057.4	716.2	645.0	633.7	626.2	626.2	630.0	637.5	637.5
17.5°	1829.9	1518.7	896.2	652.5	622.5	611.2	607.5	603.7	611.2	618.7	618.7
20°	1814.9	1432.4	761.2	618.7	600.0	592.5	588.7	585.0	588.7	596.2	600.0
22.5°	1796.1	1323.7	671.2	596.2	581.2	570.0	566.2	562.5	562.5	577.5	577.5
25°	1777.4	1203.7	618.7	573.7	558.7	547.5	540.0	536.2	540.0	551.2	551.2
27.5°	1739.9	1072.4	585.0	555.0	540.0	525.0	517.5	510.0	513.7	525.0	525.0
30°	1683.7	933.7	566.2	536.2	517.5	498.7	487.5	480.0	483.7	495.0	498.7
32.5°	1601.2	813.7	558.7	521.2	498.7	472.5	457.5	446.2	450.0	465.0	465.0
35°	1514.9	727.5	555.0	506.2	476.2	450.0	423.7	408.7	416.2	431.2	435.0
37.5°	1424.9	678.7	555.0	498.7	461.2	427.5	390.0	375.0	378.7	393.7	397.5
40°	1346.2	656.2	558.7	491.2	442.5	401.2	360.0	341.2	348.7	367.5	363.7
42.5°	1316.2	652.5	558.7	472.5	423.7	375.0	330.0	311.2	318.7	330.0	333.7
45°	1349.9	667.5	551.2	453.7	397.5	345.0	307.5	288.7	292.5	300.0	307.5
47.5°	1466.2	686.2	540.0	431.2	375.0	322.5	285.0	270.0	262.5	273.7	277.5
50°	1627.4	697.5	521.2	408.7	356.2	300.0	266.2	247.5	240.0	243.7	247.5
52.5°	1811.1	697.5	502.5	386.2	337.5	277.5	251.2	232.5	217.5	221.2	221.2
55°	1994.9	690.0	453.7	367.5	318.7	262.5	236.2	210.0	198.7	198.7	195.0
57.5°	2186.1	678.7	393.7	341.2	296.2	243.7	217.5	195.0	180.0	172.5	172.5
60°	2373.6	663.7	360.0	315.0	270.0	228.7	198.7	180.0	161.2	150.0	146.2
62.5°	2471.1	622.5	322.5	281.2	243.7	206.2	180.0	161.2	138.7	123.7	120.0
65°	2418.6	536.2	277.5	251.2	221.2	183.7	161.2	142.5	116.2	97.5	97.5
67.5°	2474.9	450.0	236.2	213.7	191.2	157.5	135.0	123.7	101.2	86.2	86.2
70°	2493.6	352.5	198.7	183.7	165.0	131.2	116.2	108.7	90.0	75.0	71.2
72.5°	2354.9	262.5	161.2	153.7	135.0	101.2	97.5	90.0	75.0	60.0	60.0
73°	*2298.6*	*243.7*	*153.7*	*146.2*	*127.5*	*97.5*	*93.7*	*86.2*	*71.2*	*60.0*	*56.2*
75°	2024.9	187.5	127.5	120.0	101.2	82.5	78.7	71.2	60.0	48.7	48.7
77.5°	1342.4	135.0	97.5	90.0	75.0	63.7	60.0	52.5	45.0	37.5	37.5
80°	495.0	90.0	71.2	63.7	56.2	52.5	45.0	37.5	30.0	30.0	26.2
82.5°	101.2	60.0	52.5	45.0	41.2	37.5	30.0	26.2	22.5	22.5	22.5
85°	41.2	37.5	30.0	30.0	30.0	26.2	22.5	22.5	18.7	18.7	15.0
87.5°	26.2	22.5	22.5	18.7	18.7	15.0	15.0	15.0	15.0	15.0	15.0
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: SP1-2407-184-3

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

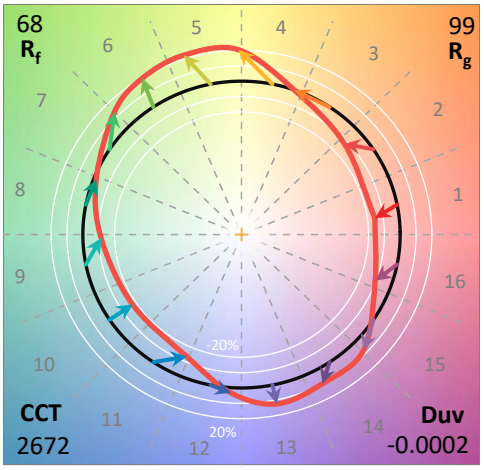
Test Information

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

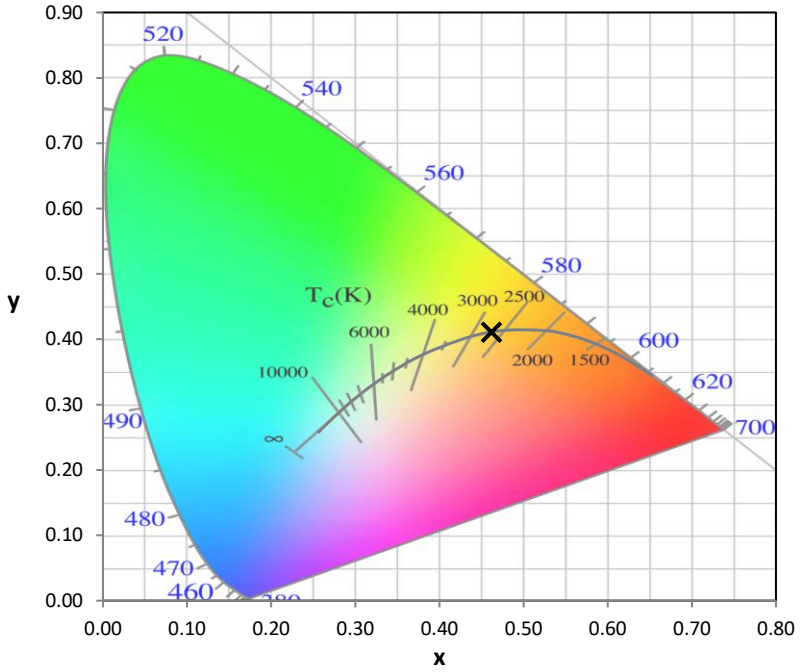
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

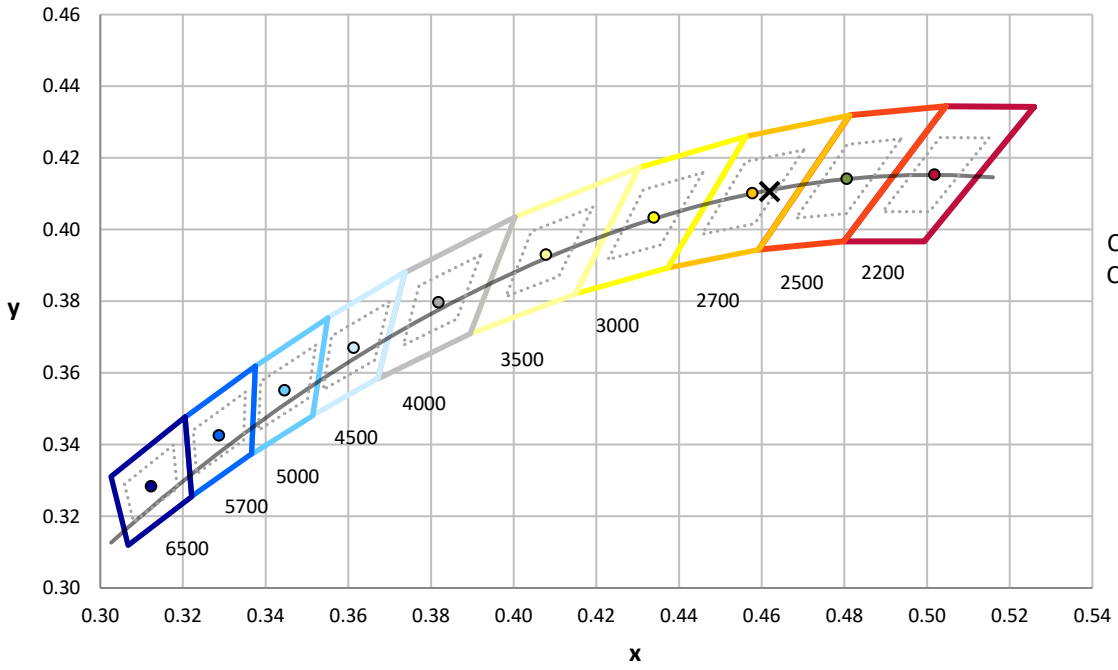
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

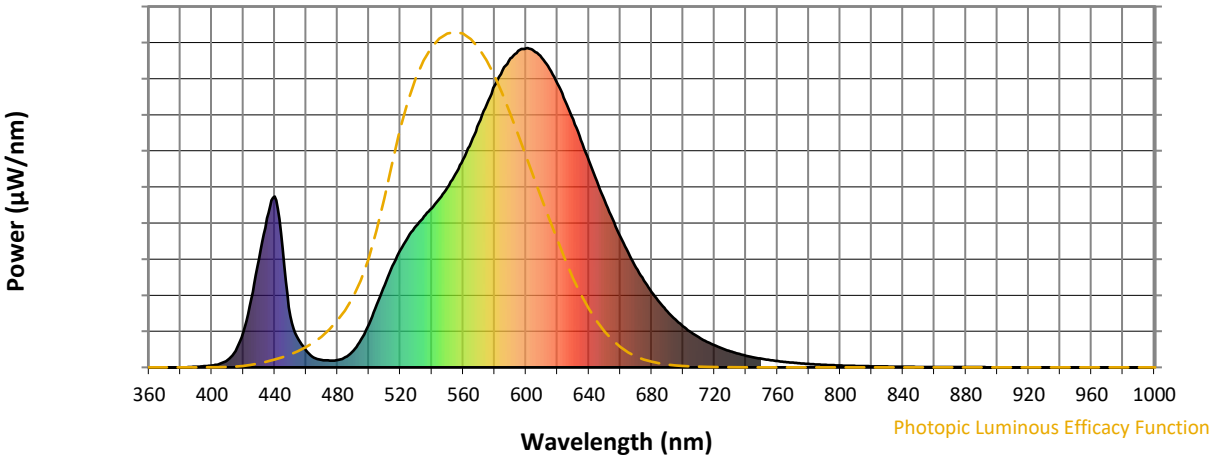


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

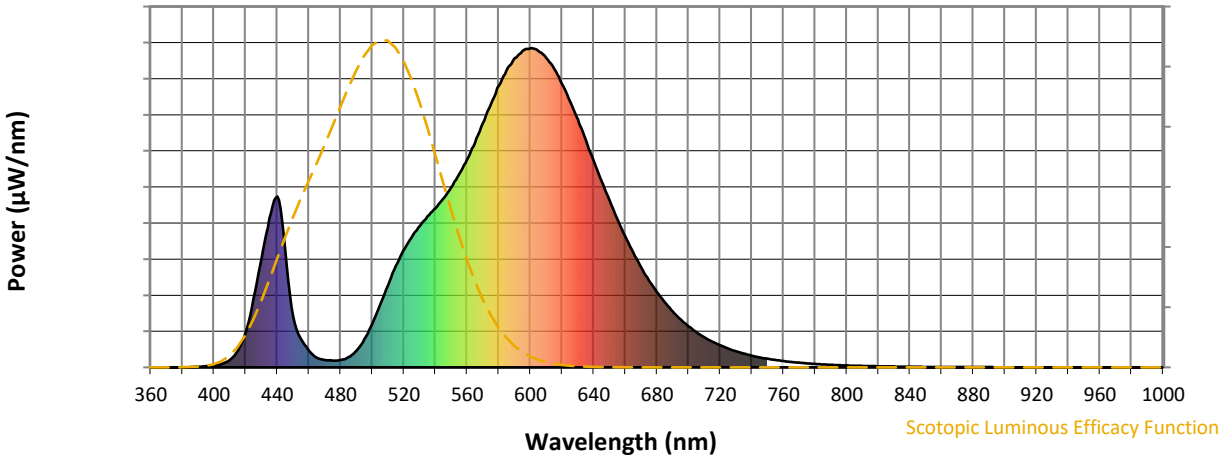


Photopic Lumens: NR

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

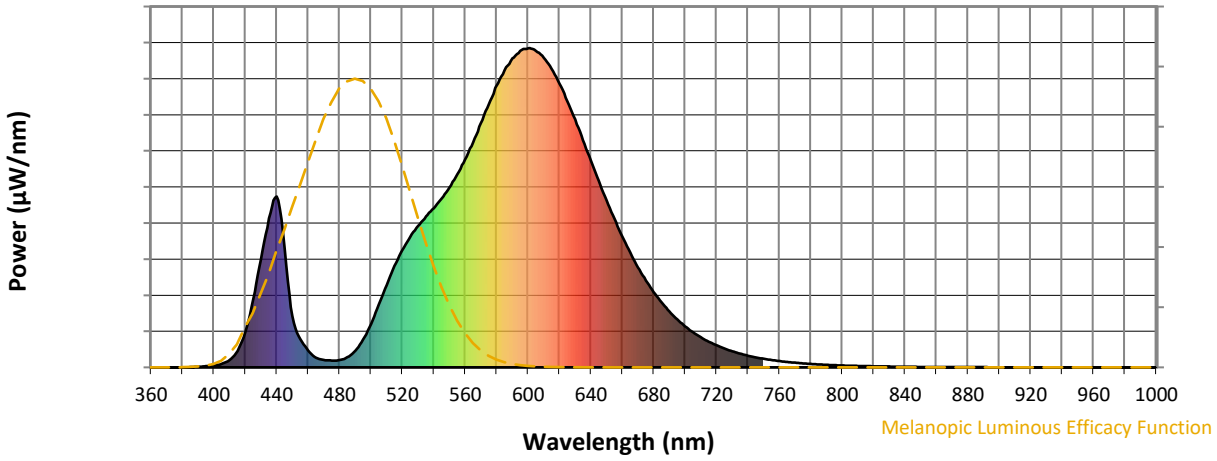


Scotopic Lumens: NR **S/P: 1.02**

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			

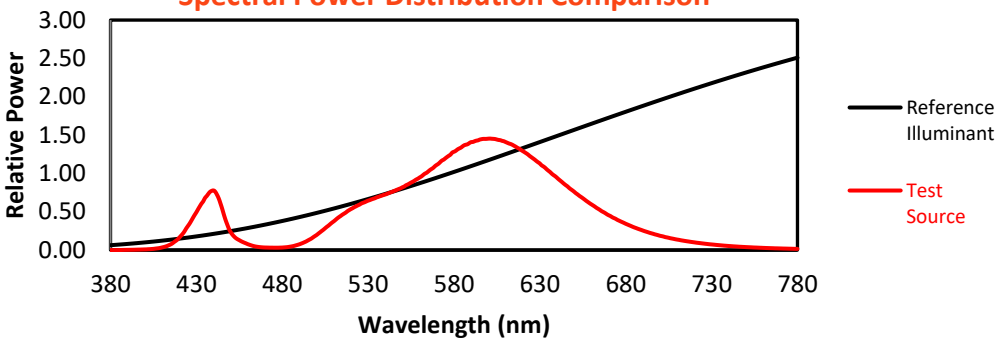
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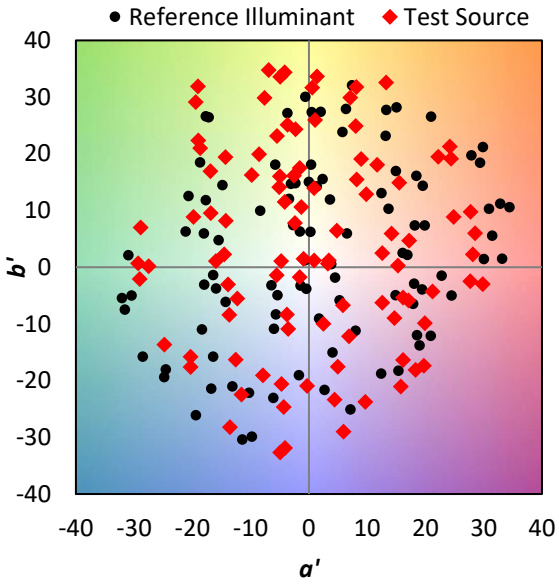
Summary

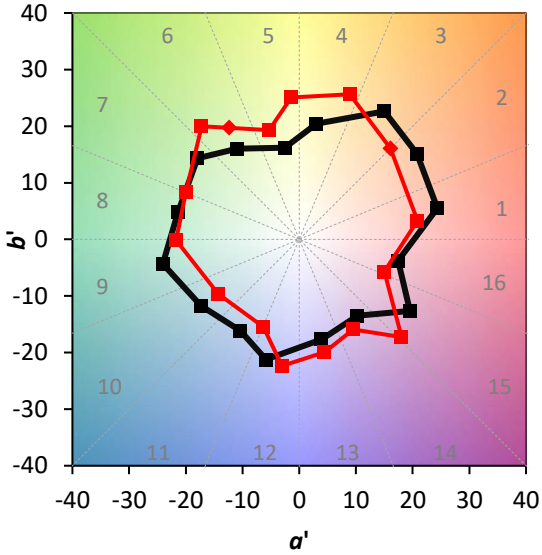
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

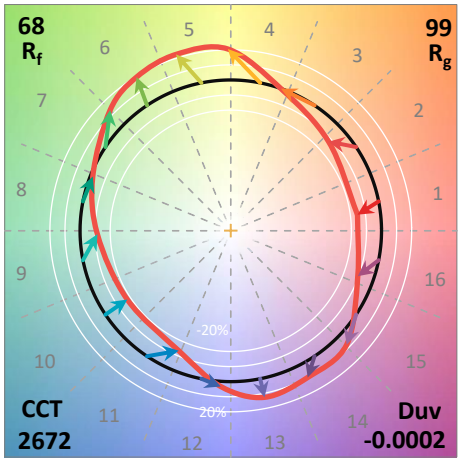
Spectral Power Distribution Comparison

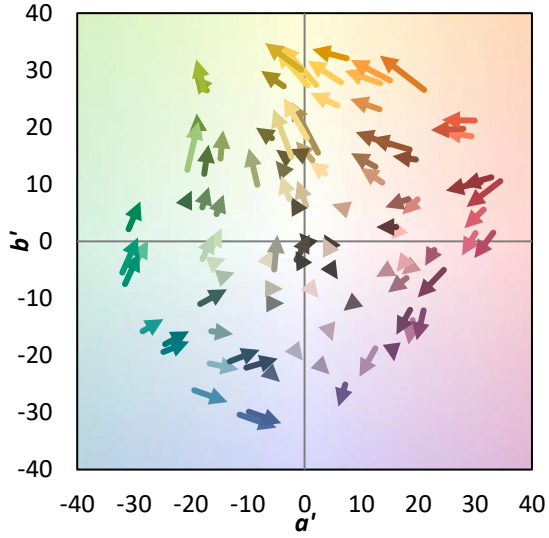


Color Vector Graphics







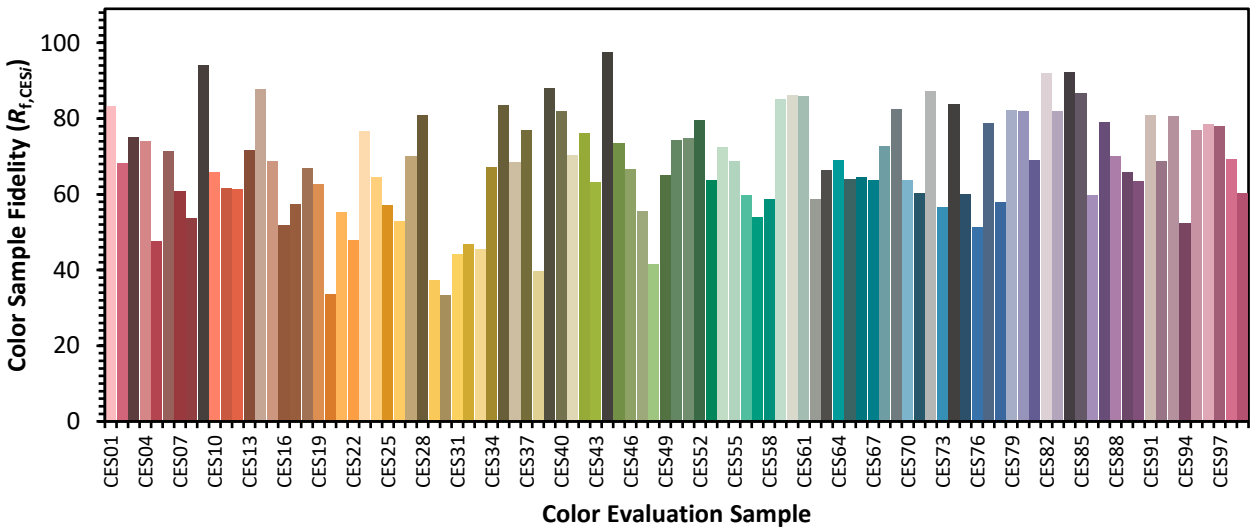


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Individual Sample Fidelity Index ($R_{f,i}$)

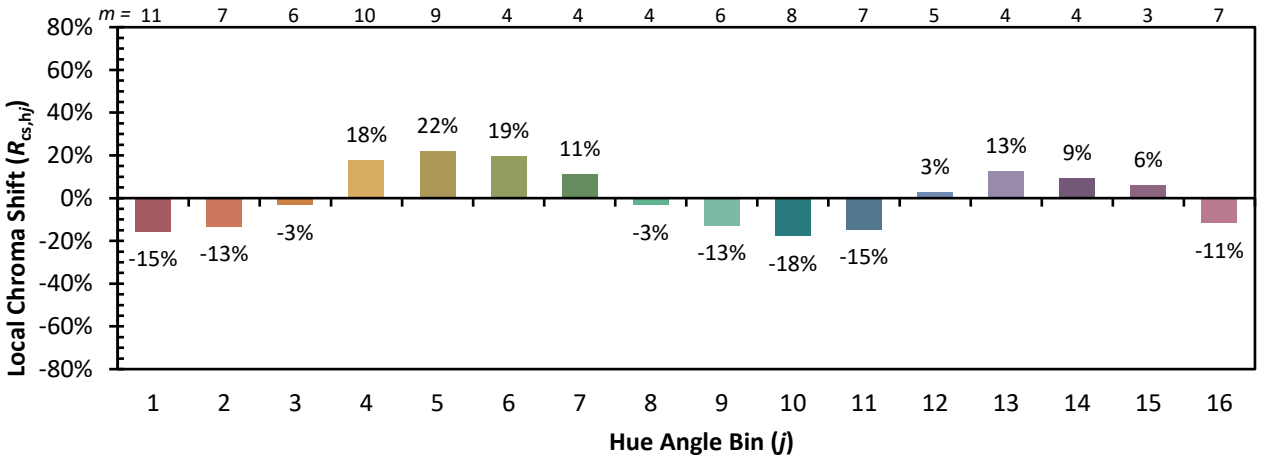
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 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	

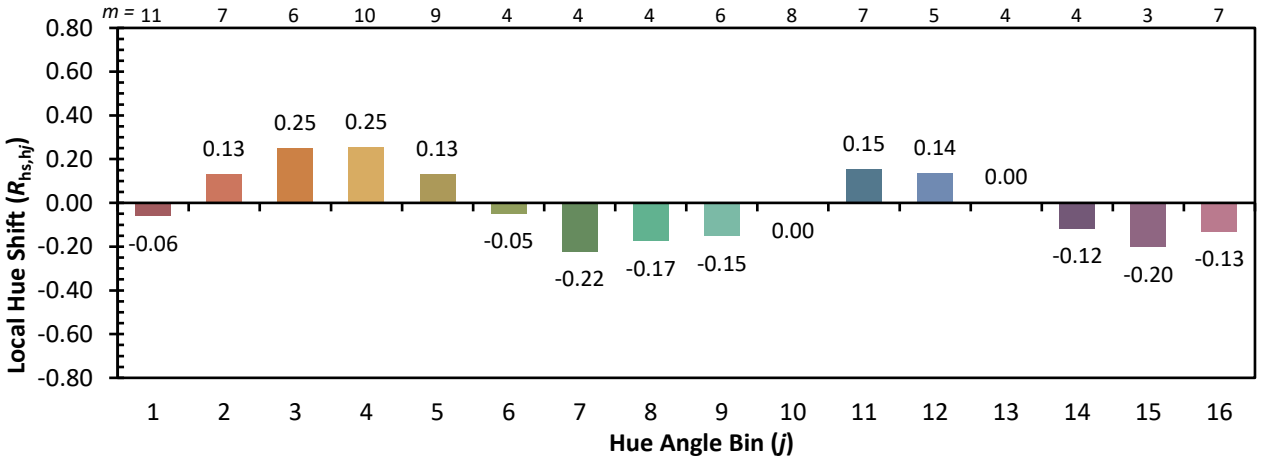


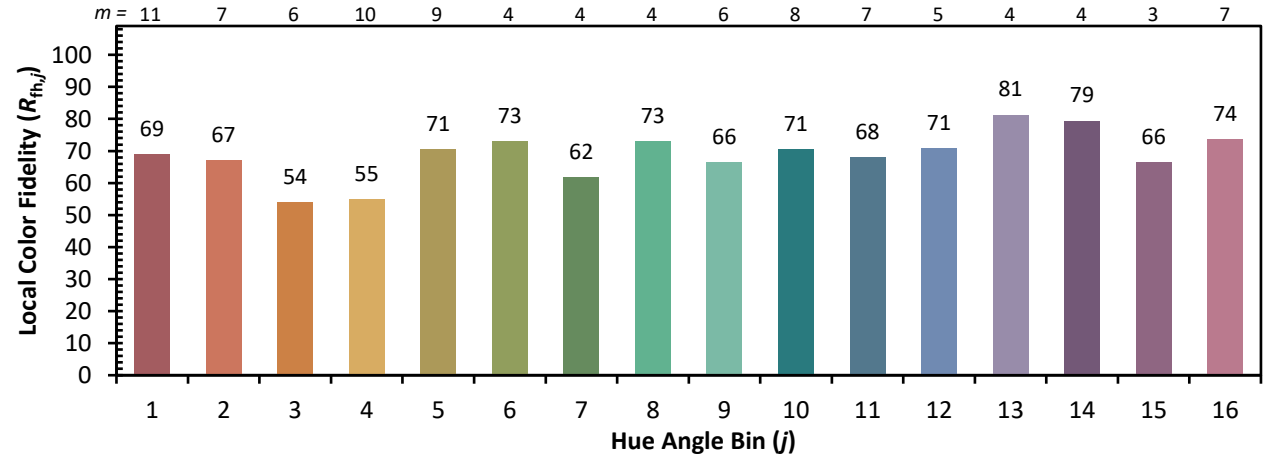
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Color Rendition by Hue-Angle Bin



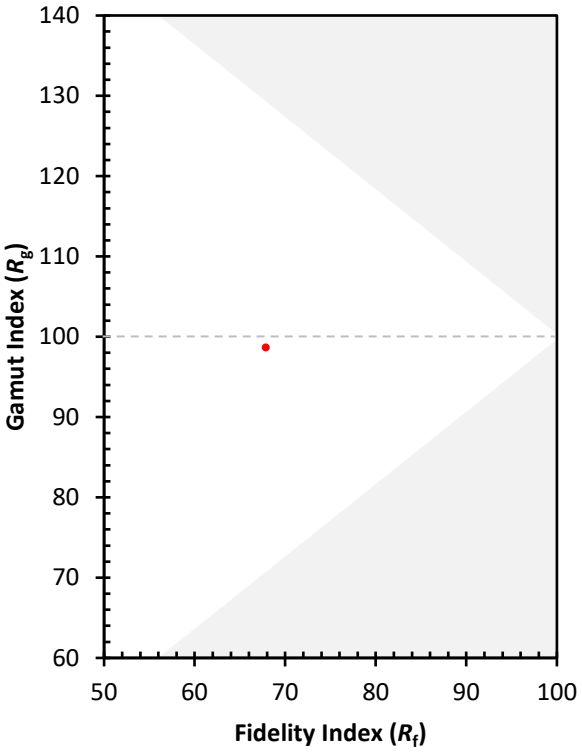


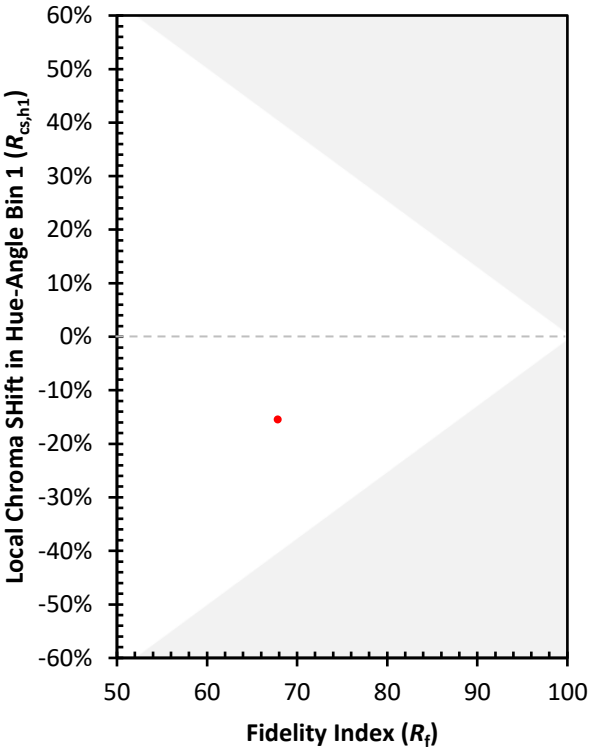


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Measure Comparisons





(END OF REPORT)