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: P1367635

Luminaire Tested: **GSS-SB4A-727-U-T4W-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:	P1367635
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-T4W-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2700K FIXTURE w/ TYPE IV WIDE 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:	11679 lumens
Efficiency:	N/A
Efficacy:	102.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

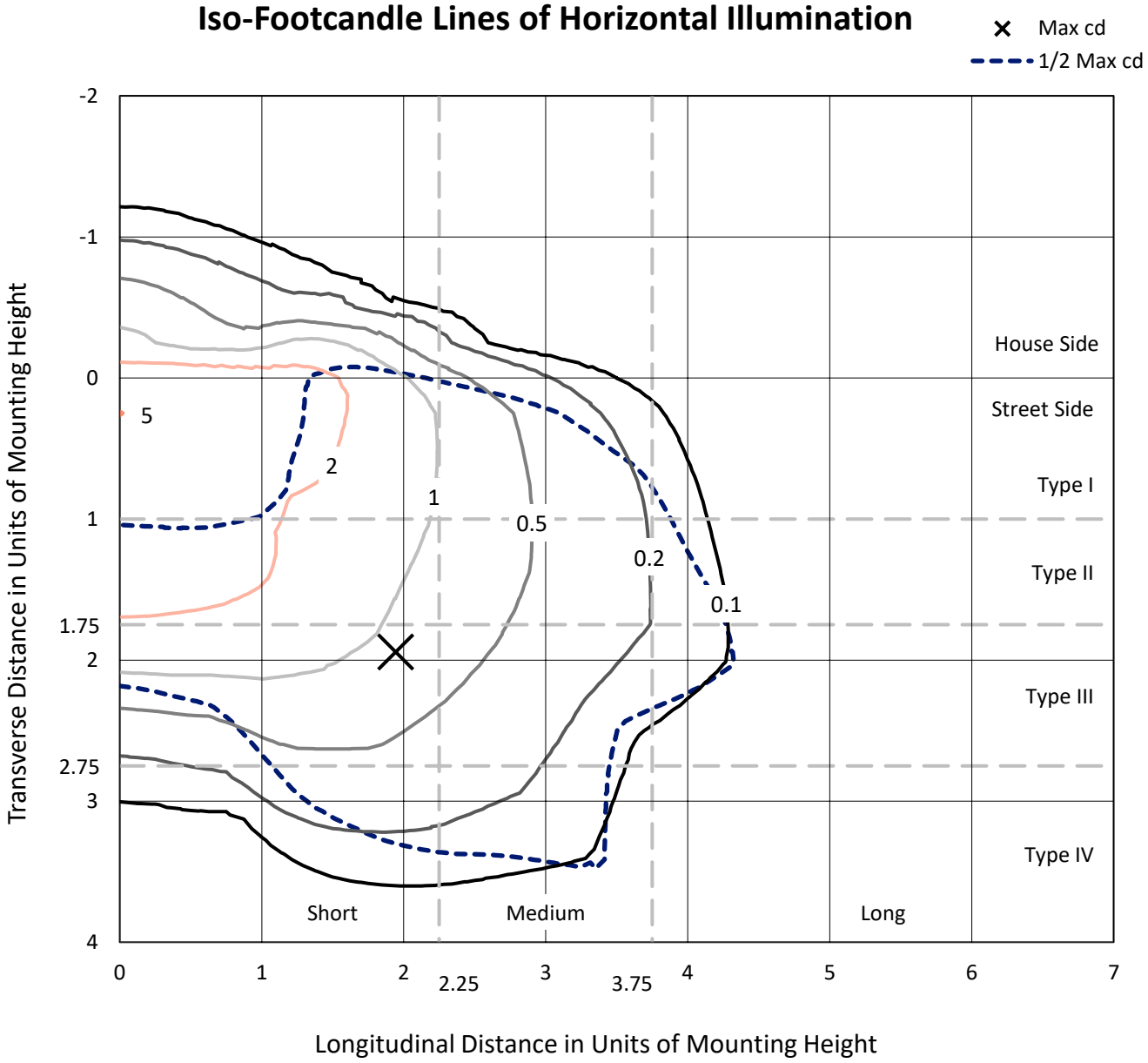
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1367635
CATALOG NUMBER: GSS-SB4A-727-U-T4W-HSS

Iso-Footcandle Lines of Horizontal Illumination



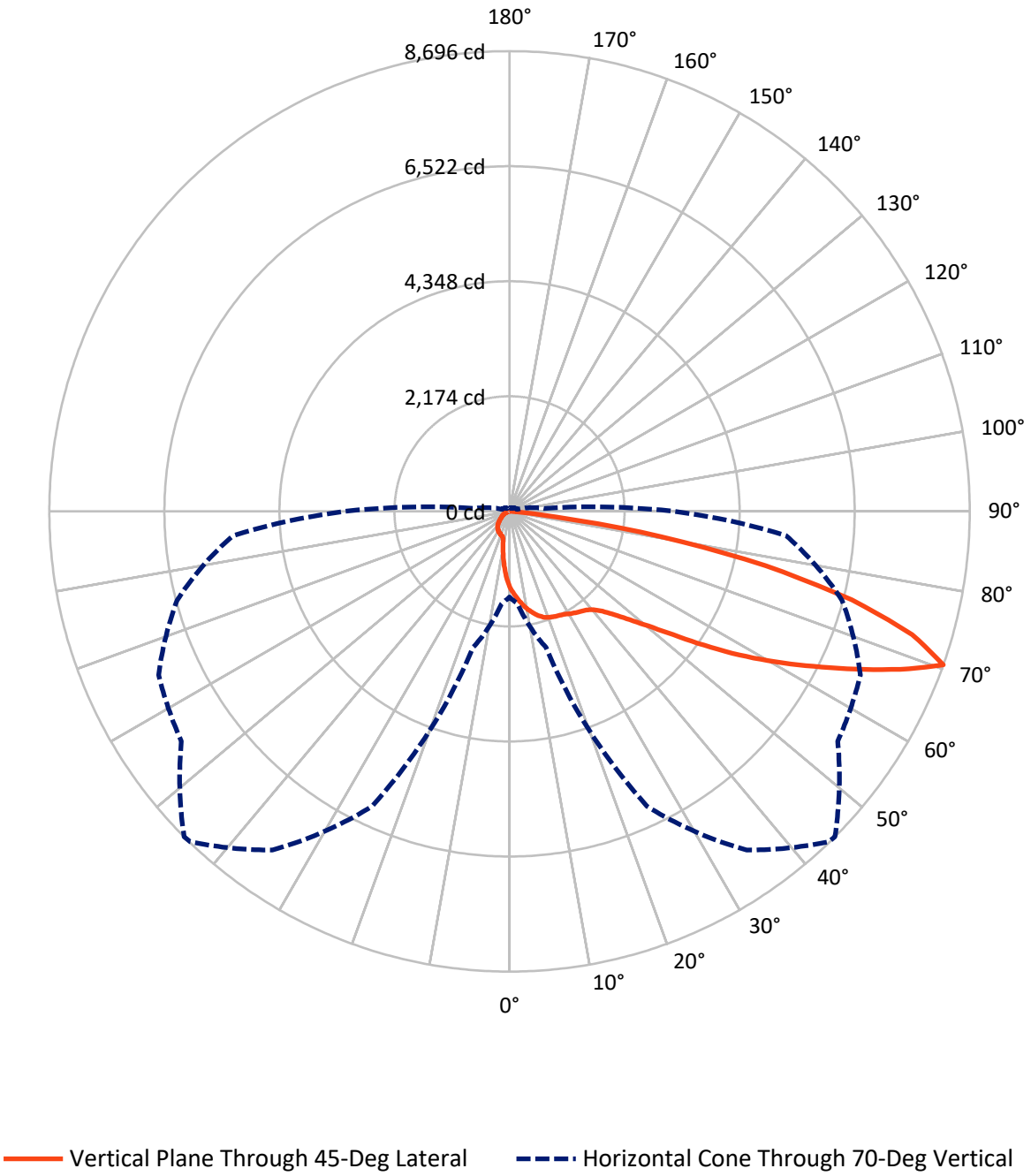
Based on 20 foot mounting height. Maximum calculated value = 5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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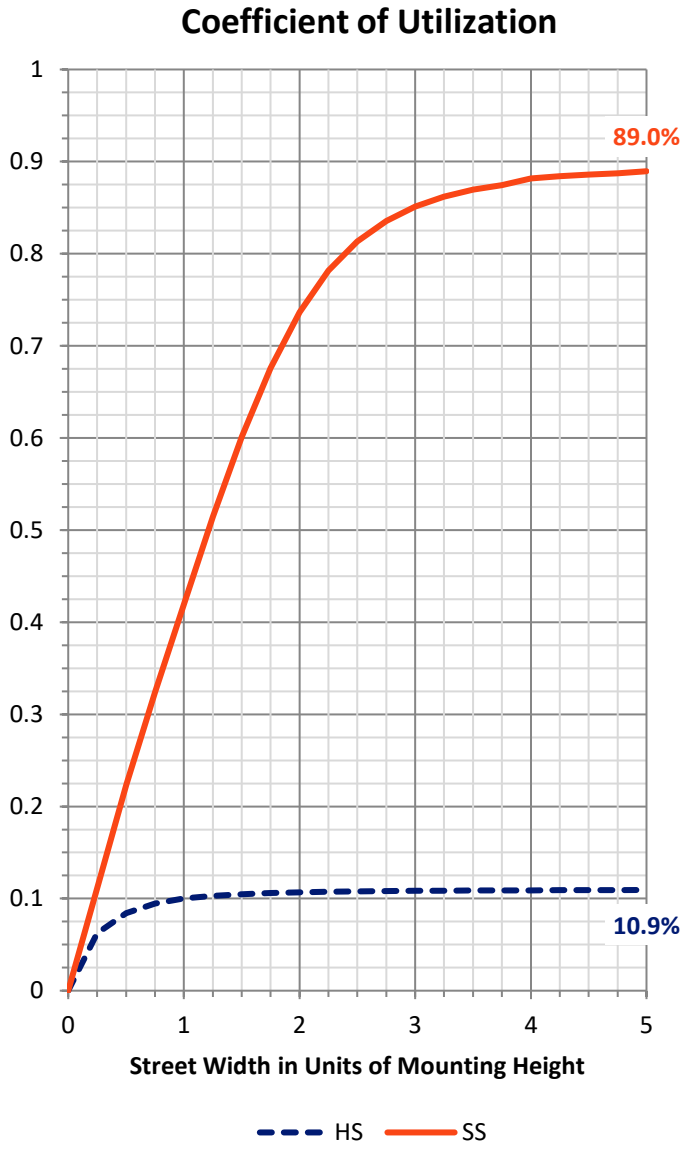
REPORT NUMBER: P1367635
CATALOG NUMBER: GSS-SB4A-727-U-T4W-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1289.7	0.0	1289.7
	% Fixture	11.0	0.0	11.0
Street Side	Lumens	10389.3	0.0	10389.3
	% Fixture	89.0	0.0	89.0
Total	Lumens	11679.0	0.0	11679.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.2	1.1
10°-20°	389.9	3.3
20°-30°	647.2	5.5
30°-40°	917.6	7.9
40°-50°	1455.3	12.5
50°-60°	2562.7	21.9
60°-70°	3322.0	28.4
70°-80°	2121.9	18.2
80°-90°	130.3	1.1
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°	11679.0	100.0
0°-180°	11679.0	100.0



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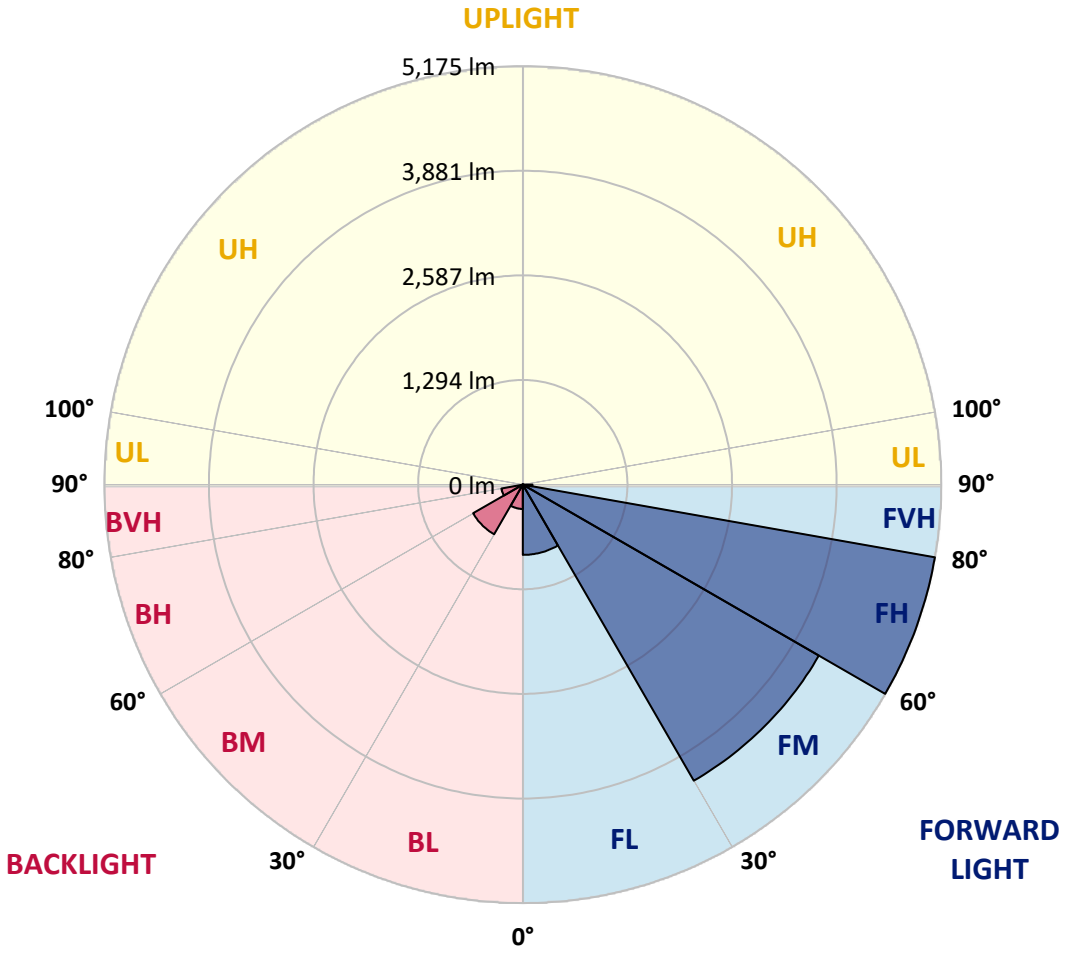
Scaled Data Report

REPORT NUMBER: P1367635
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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°)	868.9	7.4			
FM	(30°-60°)	4226.8	36.2			
FH	(60°-80°)	5174.8	44.3			G3/7500
FVH	(80°-90°)	118.9	1.0			G2/225
BL	(0°-30°)	300.4	2.6	B1/500		
BM	(30°-60°)	708.8	6.1	B1/1000		
BH	(60°-80°)	269.1	2.3	B1/500		G1/500
BVH	(80°-90°)	11.4	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-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	1443.7	1443.7	1443.7	1443.7	1443.7	1443.7	*1443.7*	1443.7	1443.7	1443.7	1443.7
2.5°	1612.4	1612.4	1597.4	1589.9	1578.7	1556.2	*1556.2*	1541.2	1511.2	1488.7	1462.4
5°	1777.4	1769.9	1747.4	1732.4	1702.4	1668.7	*1668.7*	1627.4	1582.4	1548.7	1492.4
7.5°	1912.4	1908.6	1893.6	1867.4	1826.2	1784.9	*1777.4*	1728.7	1664.9	1604.9	1537.4
10°	2043.6	2043.6	2009.9	1979.9	1934.9	1882.4	*1882.4*	1818.7	1743.7	1672.4	1586.2
12.5°	2156.1	2141.1	2114.9	2066.1	2021.1	1968.6	*1964.9*	1901.1	1822.4	1747.4	1646.2
15°	2242.4	2234.9	2201.1	2148.6	2096.1	2043.6	*2043.6*	1976.1	1901.1	1814.9	1706.2
17.5°	2302.4	2298.6	2261.1	2201.1	2144.9	2099.9	*2103.6*	2043.6	1976.1	1886.1	1773.7
20°	2317.4	2306.1	2276.1	2219.9	2174.9	2133.6	*2137.4*	2092.4	2032.4	1961.1	1837.4
22.5°	2294.9	2291.1	2257.4	2212.4	2186.1	2156.1	*2159.9*	2133.6	2096.1	2021.1	1912.4
25°	2268.6	2261.1	2238.6	2201.1	2186.1	2171.1	*2178.6*	2167.4	2152.4	2092.4	1987.4
27.5°	2261.1	2253.6	2227.4	2193.6	2193.6	2193.6	*2201.1*	2216.1	2212.4	2163.6	2062.4
30°	2272.4	2276.1	2249.9	2216.1	2208.6	2231.1	*2246.1*	2279.9	2279.9	2227.4	2144.9
32.5°	2306.1	2302.4	2279.9	2234.9	2231.1	2268.6	*2283.6*	2332.4	2321.1	2279.9	2216.1
35°	2373.6	2373.6	2339.9	2272.4	2257.4	2306.1	*2321.1*	2381.1	2381.1	2343.6	2287.4
37.5°	2497.4	2512.4	2471.1	2362.4	2313.6	2339.9	*2362.4*	2433.6	2459.9	2414.9	2373.6
40°	2718.6	2688.6	2647.4	2497.4	2407.4	2429.9	*2441.1*	2519.9	2557.4	2501.1	2474.9
42.5°	3258.6	3224.8	3044.8	2703.6	2561.1	2564.9	*2576.1*	2651.1	2722.4	2658.6	2636.1
45°	4057.3	4027.3	3723.5	3142.3	2789.8	2771.1	*2786.1*	2849.8	2947.3	2902.3	2879.8
47.5°	4668.5	4631.0	4402.3	3787.3	3157.3	3044.8	*3056.1*	3104.8	3269.8	3232.3	3228.6
50°	4964.7	4942.2	4807.2	4481.0	3776.0	3401.1	*3397.3*	3442.3	3667.3	3663.6	3674.8
52.5°	5261.0	5261.0	5156.0	5002.2	4518.5	3892.3	*3869.8*	3828.5	4136.0	4158.5	4278.5
55°	5583.4	5590.9	5587.2	5545.9	5253.5	4533.5	*4462.3*	4316.0	4679.7	4747.2	4893.5
57.5°	5909.7	5924.7	5954.7	6115.9	6033.4	5208.5	*5118.5*	4848.5	5317.2	5302.2	5396.0
60°	6164.7	6179.7	6303.4	6603.4	6670.9	5890.9	*5767.2*	5459.7	5950.9	5864.7	5804.7
62.5°	6010.9	6048.4	6487.1	7008.4	7229.6	6528.4	*6449.6*	6149.7	6577.1	6303.4	5962.2
65°	4574.8	4762.2	5733.4	7087.1	7735.8	7252.1	*7184.6*	6884.6	7004.6	6370.9	5838.4
67.5°	2827.3	3086.1	4139.8	6603.4	7994.6	8039.6	*7964.6*	7428.3	7038.4	6427.1	5695.9
70°	*1619.9*	*1751.2*	*2658.6*	*6145.9*	*7810.8*	*8680.8*	*8695.8*	*7570.8*	*7315.9*	*6505.9*	*5242.2*
72.5°	1068.7	1106.2	1458.7	5141.0	7570.8	7870.8	*7957.1*	8095.8	7503.3	6145.9	4323.5
75°	487.5	506.2	735.0	3288.6	5759.7	6764.6	*6682.1*	6742.1	7124.6	5369.7	3172.3
77.5°	153.7	176.2	296.2	1252.4	3063.6	5002.2	*4942.2*	3476.1	5279.7	2939.8	993.7
80°	75.0	86.2	176.2	378.7	1132.4	2834.8	*2906.1*	1184.9	1672.4	663.7	202.5
82.5°	33.7	37.5	101.2	180.0	442.5	832.5	*885.0*	386.2	435.0	206.2	75.0
85°	15.0	18.7	41.2	71.2	123.7	135.0	*146.2*	82.5	161.2	116.2	37.5
87.5°	0.0	3.7	3.7	11.2	11.2	15.0	*15.0*	18.7	22.5	26.2	22.5
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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CATALOG NUMBER: GSS-SB4A-727-U-T4W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1443.7	1443.7	1443.7	1443.7	1443.7	1443.7	1443.7	1443.7	1443.7	1443.7	1443.7
2.5°	1447.4	1428.7	1402.4	1364.9	1338.7	1297.4	1267.4	1244.9	1218.7	1226.2	1229.9
5°	1458.7	1428.7	1357.4	1267.4	1188.7	1109.9	1053.7	1001.2	967.4	963.7	948.7
7.5°	1488.7	1436.2	1316.2	1169.9	1031.2	926.2	832.5	761.2	716.2	701.2	693.7
10°	1529.9	1454.9	1267.4	1061.2	877.5	735.0	626.2	570.0	547.5	543.7	543.7
12.5°	1574.9	1481.2	1218.7	952.4	727.5	573.7	525.0	517.5	517.5	521.2	521.2
15°	1627.4	1499.9	1162.4	825.0	581.2	506.2	502.5	502.5	502.5	510.0	506.2
17.5°	1679.9	1526.2	1094.9	697.5	502.5	487.5	487.5	487.5	487.5	495.0	491.2
20°	1736.2	1544.9	1023.7	581.2	480.0	476.2	476.2	472.5	472.5	480.0	480.0
22.5°	1799.9	1559.9	944.9	502.5	468.7	461.2	461.2	461.2	457.5	465.0	465.0
25°	1863.6	1582.4	855.0	461.2	453.7	450.0	446.2	446.2	442.5	450.0	446.2
27.5°	1934.9	1608.7	768.7	446.2	442.5	438.7	435.0	431.2	427.5	435.0	431.2
30°	2017.4	1634.9	686.2	438.7	431.2	427.5	420.0	416.2	408.7	416.2	416.2
32.5°	2092.4	1661.2	622.5	435.0	423.7	408.7	397.5	390.0	386.2	393.7	397.5
35°	2171.1	1702.4	588.7	442.5	416.2	393.7	375.0	363.7	360.0	367.5	371.2
37.5°	2264.9	1751.2	581.2	457.5	408.7	375.0	348.7	330.0	326.2	333.7	337.5
40°	2396.1	1818.7	596.2	465.0	397.5	352.5	315.0	296.2	285.0	285.0	288.7
42.5°	2564.9	1961.1	607.5	472.5	378.7	326.2	285.0	258.7	240.0	240.0	243.7
45°	2823.6	2197.4	663.7	465.0	360.0	292.5	251.2	217.5	202.5	202.5	206.2
47.5°	3172.3	2527.4	821.2	450.0	333.7	262.5	217.5	187.5	176.2	176.2	176.2
50°	3633.6	2939.8	989.9	423.7	303.7	232.5	187.5	168.7	161.2	157.5	153.7
52.5°	4184.8	3374.8	1109.9	397.5	277.5	206.2	168.7	153.7	146.2	142.5	142.5
55°	4717.2	3682.3	1151.2	371.2	251.2	183.7	157.5	146.2	138.7	135.0	135.0
57.5°	5039.7	3742.3	982.4	341.2	225.0	168.7	142.5	135.0	127.5	123.7	123.7
60°	5114.7	3483.6	693.7	300.0	195.0	150.0	131.2	123.7	116.2	108.7	108.7
62.5°	4848.5	2879.8	483.7	243.7	172.5	135.0	120.0	112.5	101.2	93.7	90.0
65°	4312.3	2103.6	341.2	191.2	150.0	120.0	105.0	97.5	86.2	75.0	71.2
67.5°	3764.8	1274.9	221.2	157.5	131.2	97.5	90.0	86.2	75.0	63.7	63.7
70°	*3116.1*	*652.5*	*153.7*	*127.5*	*108.7*	*78.7*	*75.0*	*75.0*	*67.5*	*56.2*	*56.2*
72.5°	2403.6	240.0	105.0	101.2	82.5	60.0	67.5	63.7	56.2	48.7	48.7
75°	1631.2	116.2	78.7	71.2	56.2	48.7	52.5	52.5	48.7	41.2	37.5
77.5°	517.5	75.0	60.0	56.2	45.0	41.2	45.0	45.0	37.5	33.7	30.0
80°	131.2	52.5	48.7	41.2	33.7	33.7	37.5	30.0	30.0	26.2	26.2
82.5°	56.2	37.5	33.7	30.0	26.2	26.2	26.2	26.2	22.5	22.5	22.5
85°	30.0	26.2	22.5	22.5	22.5	18.7	18.7	22.5	18.7	18.7	18.7
87.5°	18.7	18.7	15.0	11.2	11.2	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

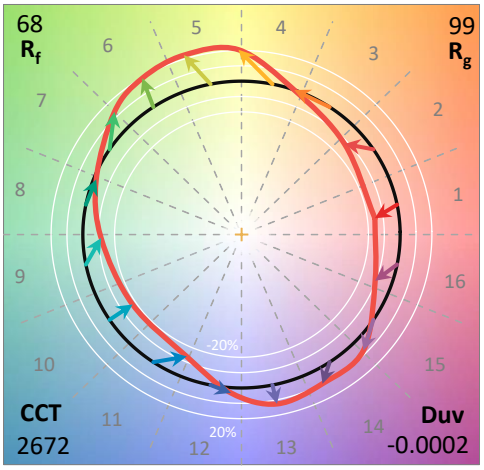
Test Information

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

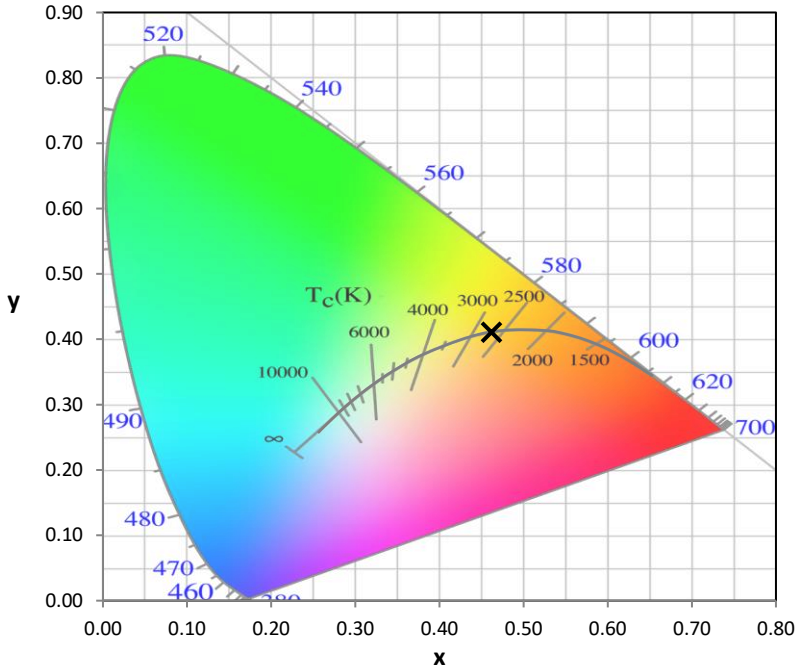
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

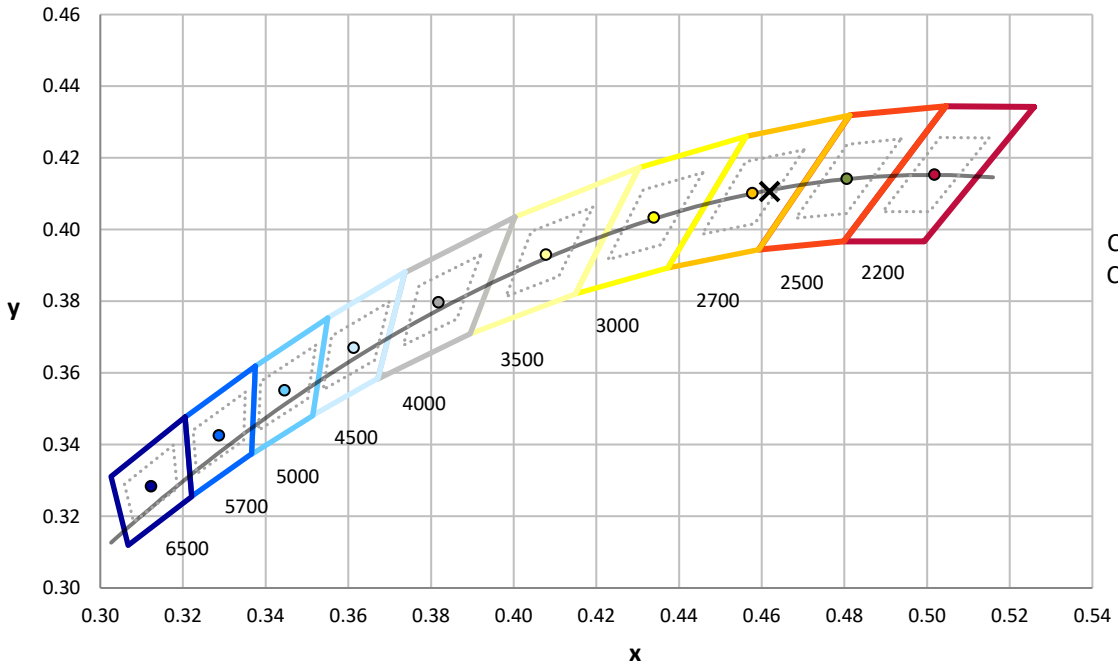
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

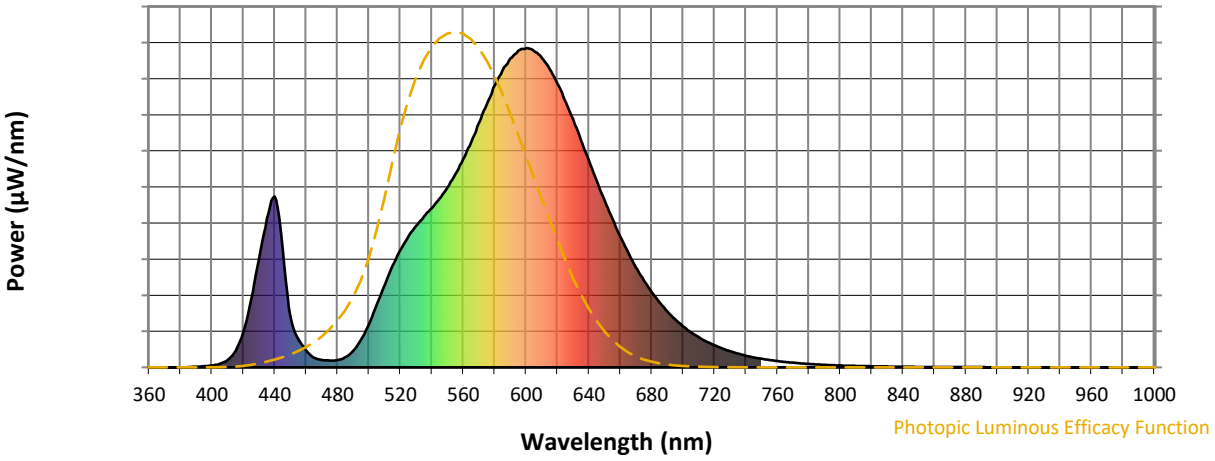


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

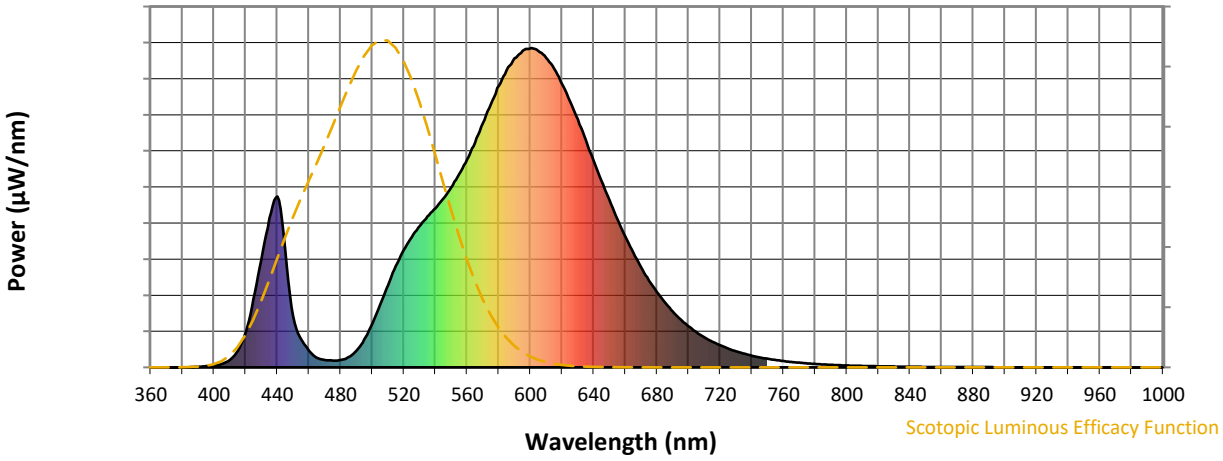


Photopic Lumens: NR

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

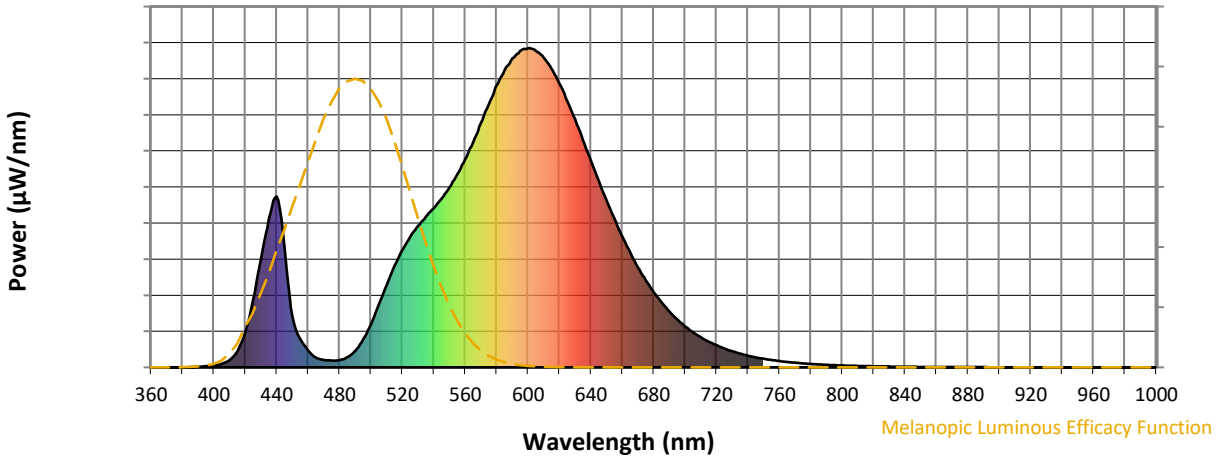


Scotopic Lumens: NR **S/P: 1.02**

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			

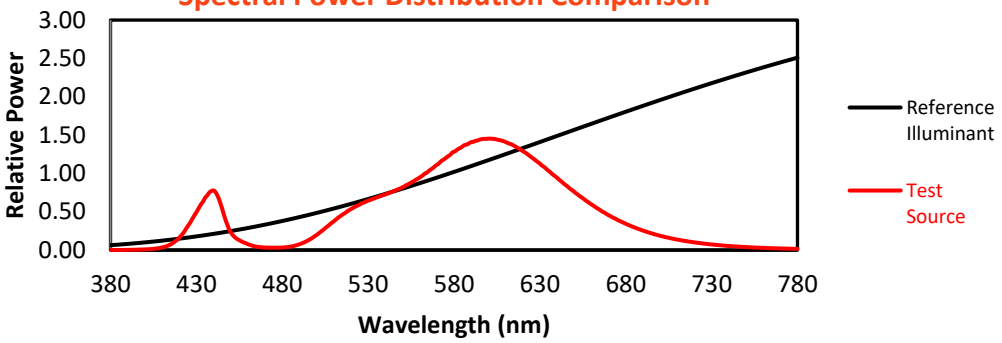
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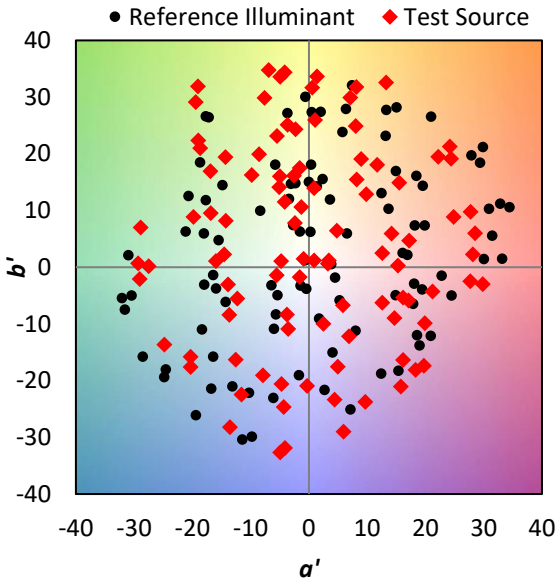
Summary

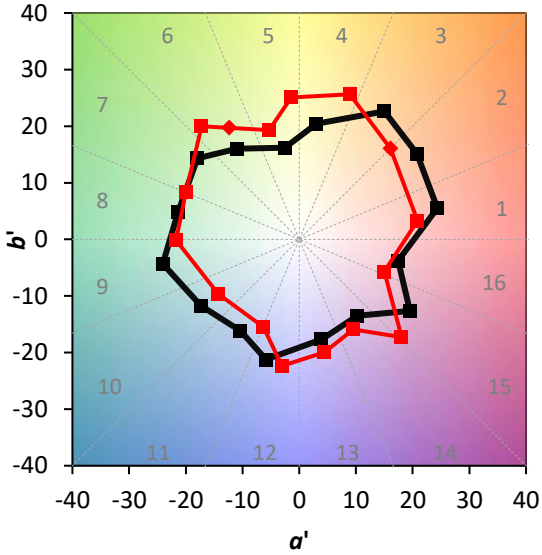
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R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

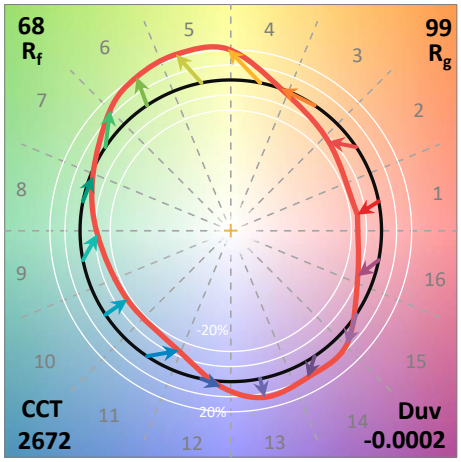
Spectral Power Distribution Comparison

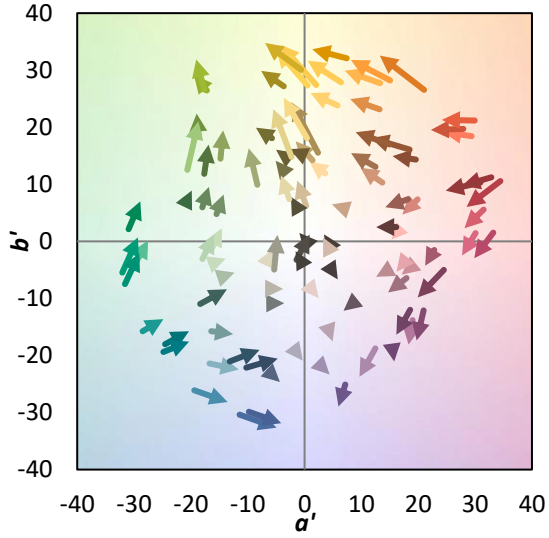


Color Vector Graphics







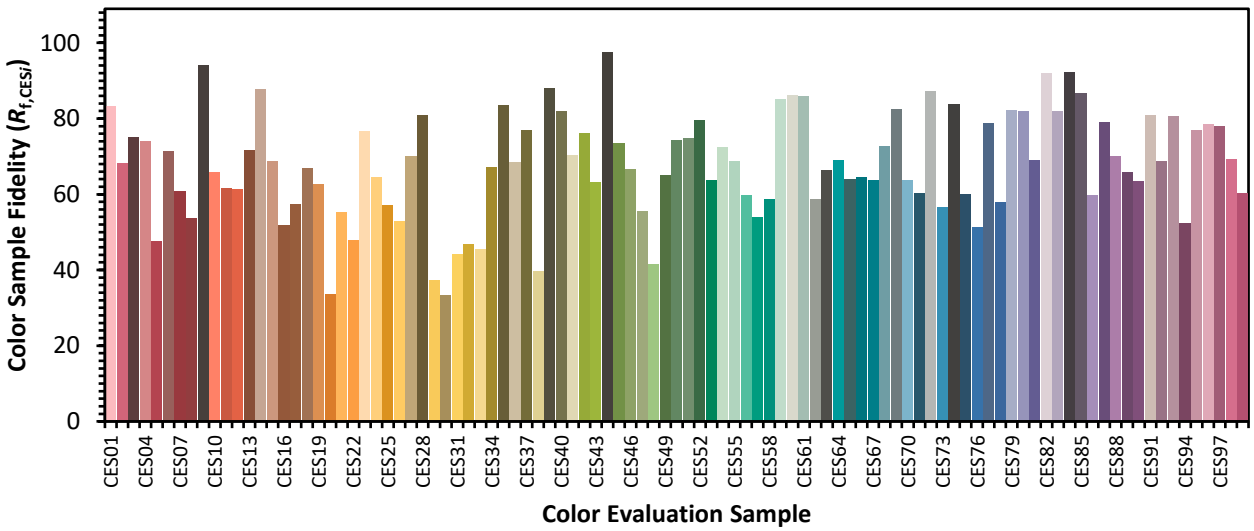


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Individual Sample Fidelity Index ($R_{f,i}$)

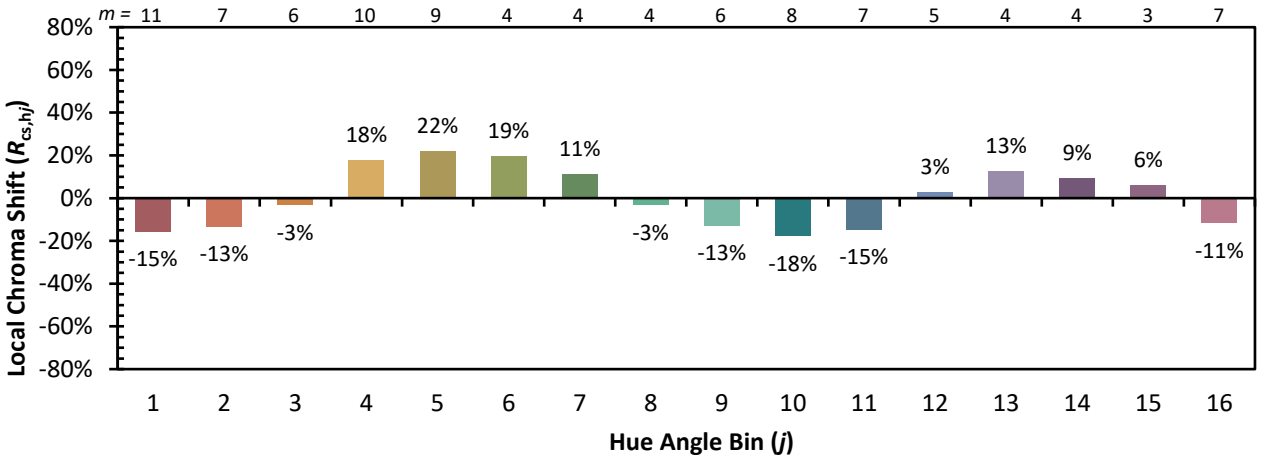
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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

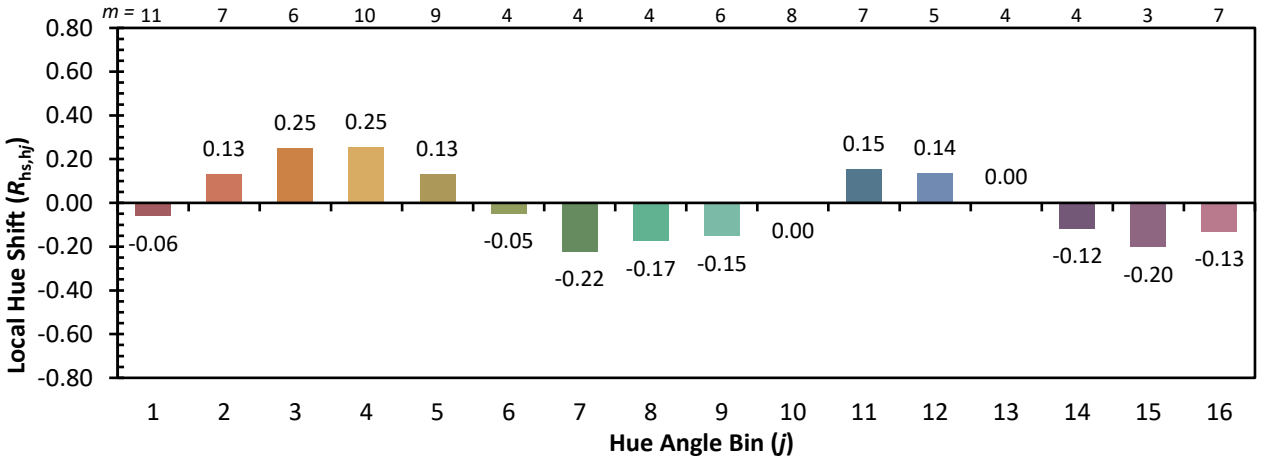


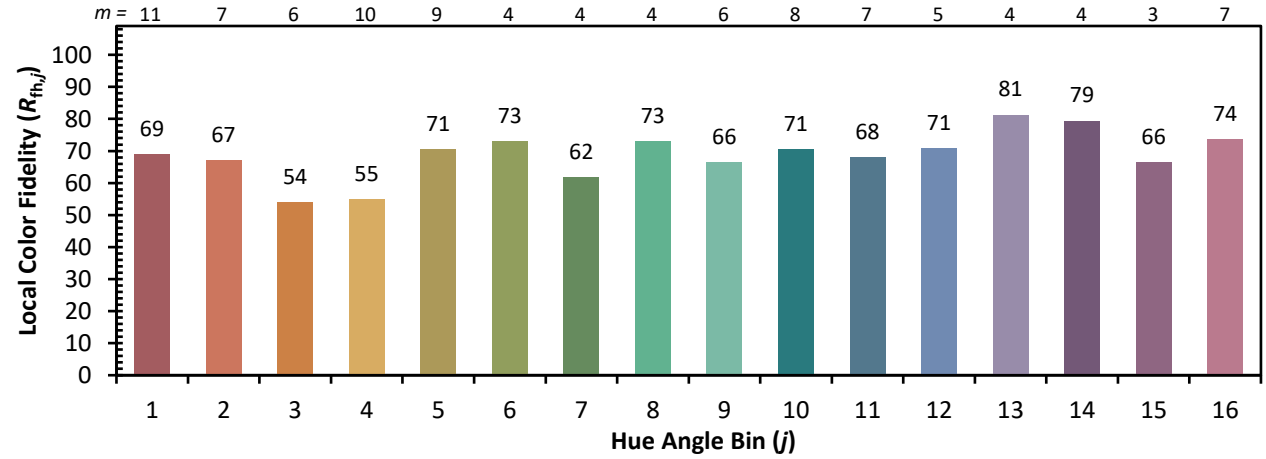
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Color Rendition by Hue-Angle Bin



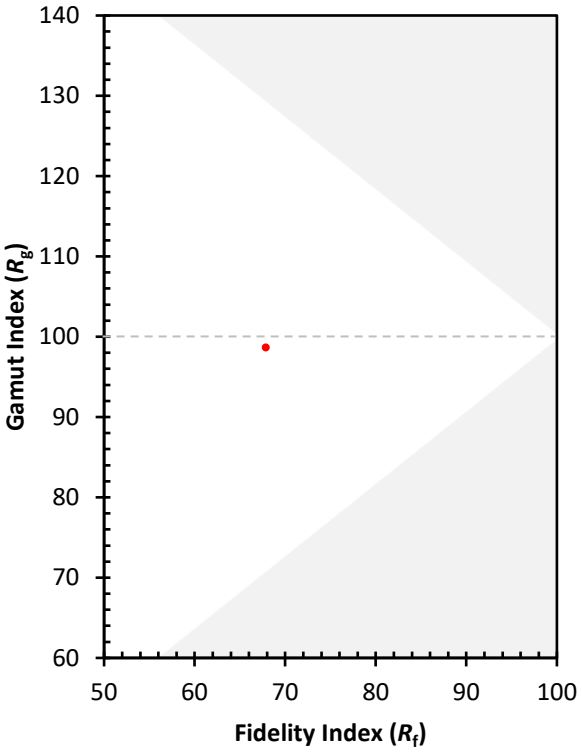


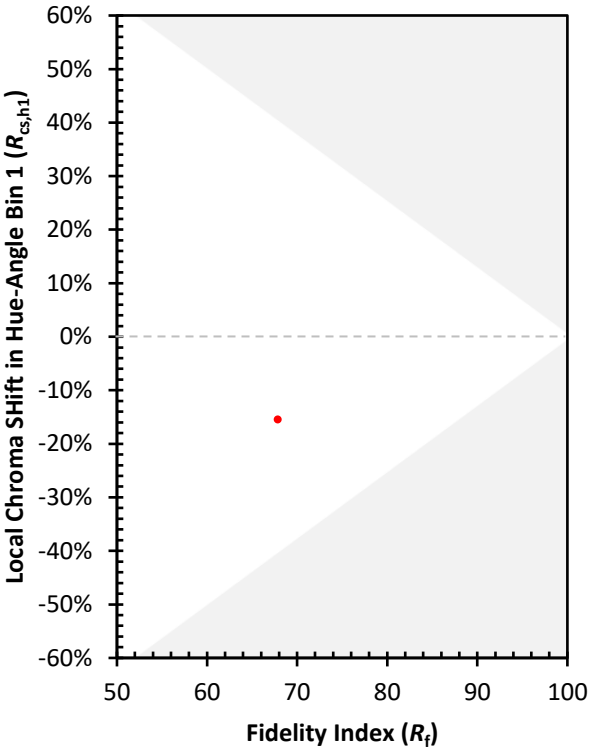


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Measure Comparisons





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