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: P1502297

Luminaire Tested: GSS-SB4A-830-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:	P1502297
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-830-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13093 lumens
Efficiency:	N/A
Efficacy:	114.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

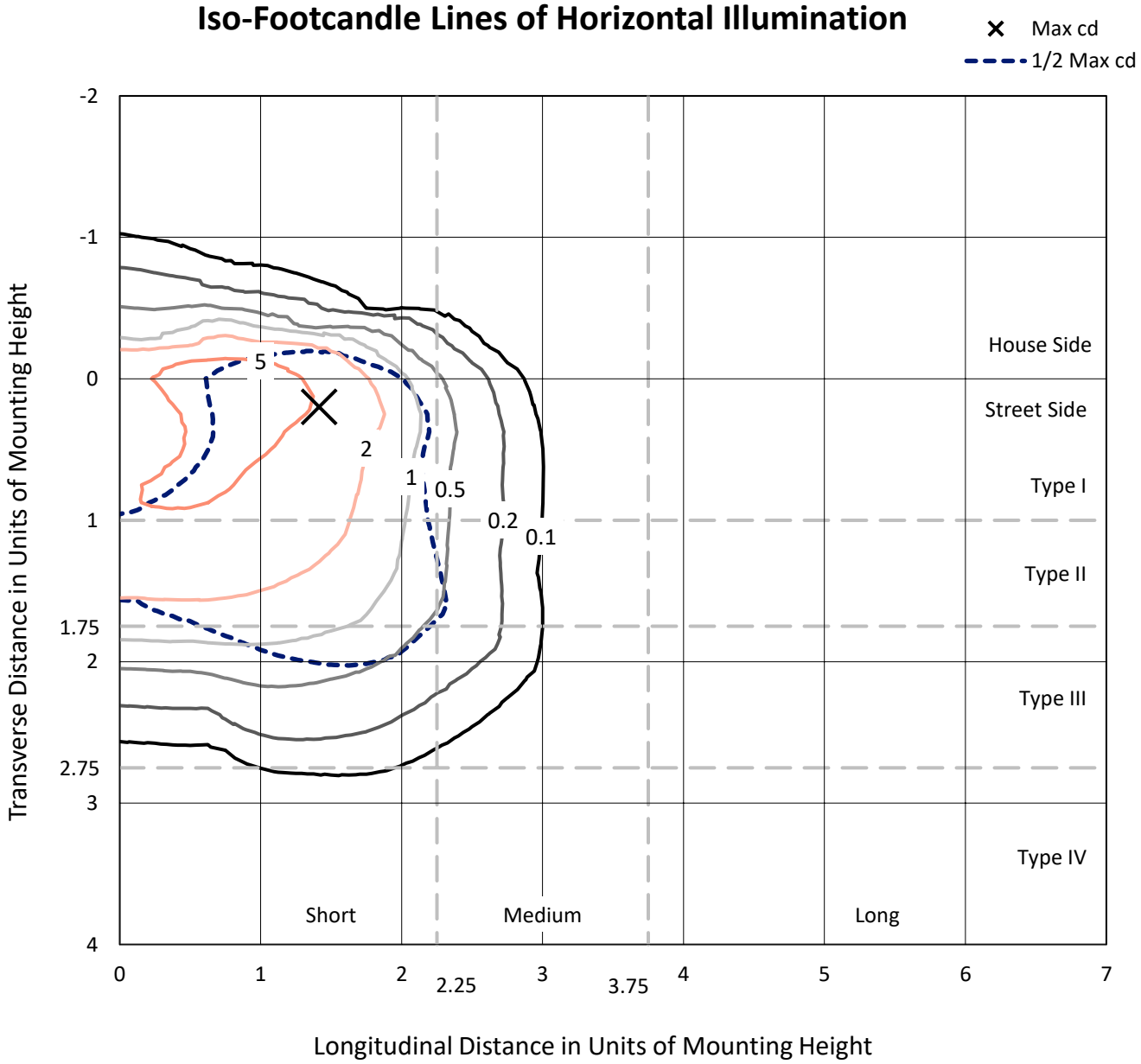
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502297
CATALOG NUMBER: GSS-SB4A-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



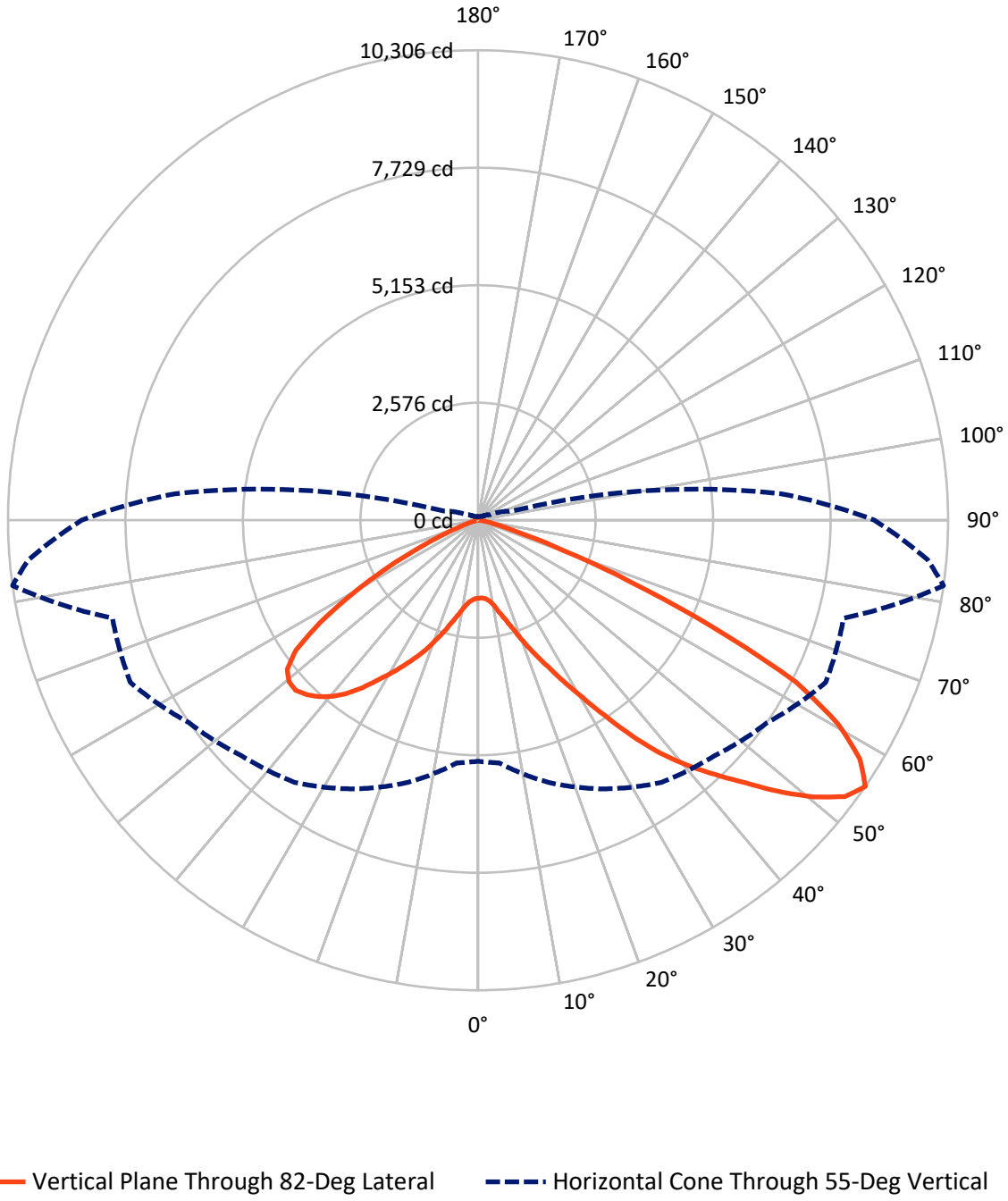
Based on 20 foot mounting height. Maximum calculated value = 8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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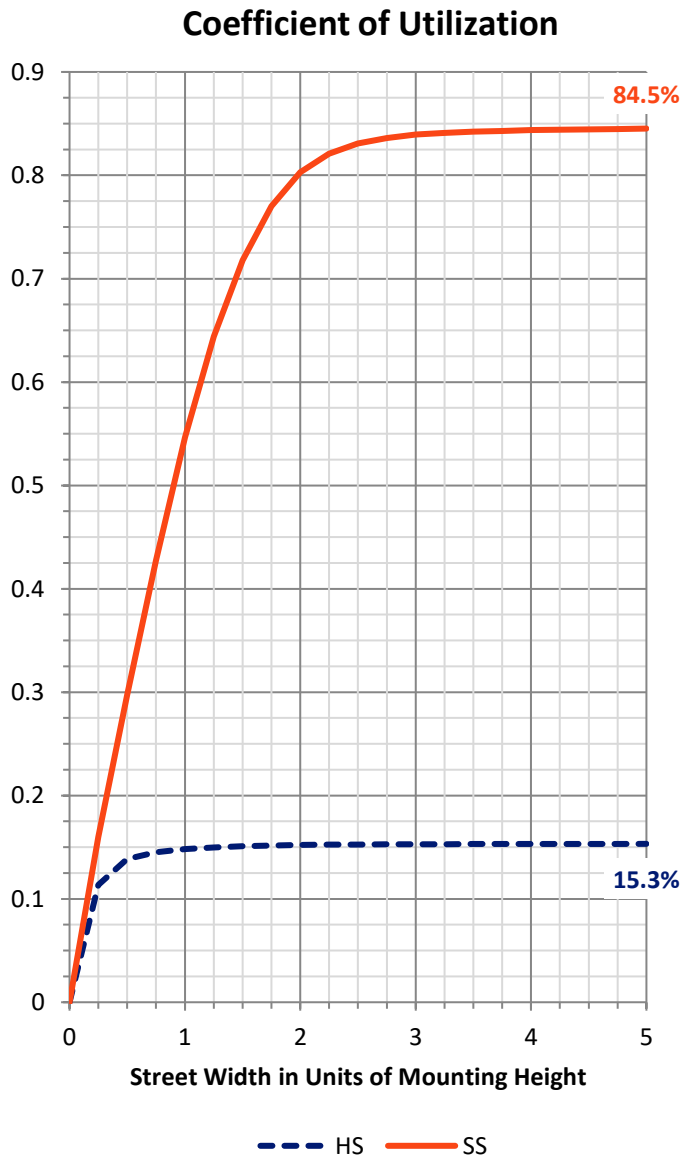
REPORT NUMBER: P1502297
CATALOG NUMBER: GSS-SB4A-830-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2023.8	0.0	2023.8
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	11069.2	0.0	11069.2
	% Fixture	84.5	0.0	84.5
Total	Lumens	13093.0	0.0	13093.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.0	1.2
10°-20°	419.4	3.2
20°-30°	838.5	6.4
30°-40°	1736.4	13.3
40°-50°	2900.6	22.2
50°-60°	3678.9	28.1
60°-70°	2750.2	21.0
70°-80°	582.5	4.4
80°-90°	31.4	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°	13093.0	100.0
0°-180°	13093.0	100.0



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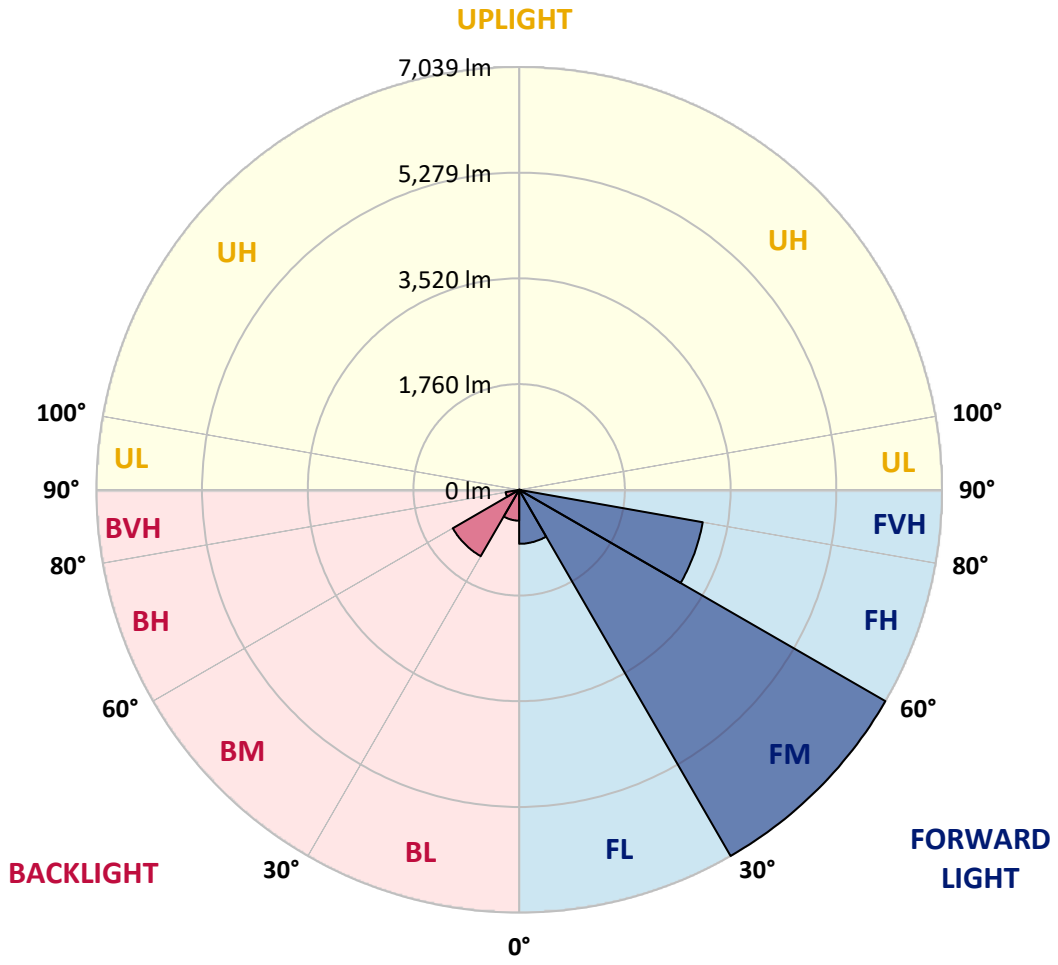
Scaled Data Report

REPORT NUMBER: P1502297
CATALOG NUMBER: GSS-SB4A-830-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	899.2	6.9			
FM	(30°-60°)	7039.0	53.8			
FH	(60°-80°)	3103.0	23.7			G2/5000
FVH	(80°-90°)	28.1	0.2			G1/100
BL	(0°-30°)	513.7	3.9	B2/1000		
BM	(30°-60°)	1276.9	9.8	B2/2500		
BH	(60°-80°)	229.8	1.8	B1/500		G1/500
BVH	(80°-90°)	3.3	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°	1709.3	1709.3	1709.3	1709.3	1709.3	1709.3	1709.3	1709.3	1709.3	*1709.3*	1709.3
2.5°	1663.1	1666.6	1659.5	1663.1	1670.2	1666.6	1680.9	1691.5	1702.2	*1705.7*	1709.3
5°	1517.4	1520.9	1524.5	1552.9	1570.7	1613.3	1652.4	1677.3	1712.8	*1730.6*	1734.2
7.5°	1343.3	1343.3	1357.5	1393.0	1439.2	1520.9	1609.8	1680.9	1748.4	*1783.9*	1791.0
10°	1311.3	1314.8	1314.8	1339.7	1378.8	1460.5	1574.2	1716.4	1837.2	*1890.5*	1908.3
12.5°	1318.4	1321.9	1325.5	1350.4	1389.5	1460.5	1606.2	1791.0	1979.4	*2068.2*	2078.9
15°	1336.2	1343.3	1353.9	1385.9	1428.5	1520.9	1673.7	1897.6	2149.9	*2263.6*	2292.1
17.5°	1389.5	1393.0	1410.8	1446.3	1513.8	1606.2	1773.2	2036.2	2388.0	*2512.4*	2565.7
20°	1471.2	1478.3	1503.2	1552.9	1631.1	1748.4	1933.2	2217.4	2643.9	*2835.8*	2878.4
22.5°	1574.2	1574.2	1609.8	1688.0	1798.1	1929.6	2153.5	2459.1	2956.6	*3180.5*	3251.5
25°	1744.8	1741.3	1769.7	1858.5	1990.0	2181.9	2409.3	2746.9	3283.5	*3550.1*	3624.7
27.5°	2135.7	2125.1	2114.4	2117.9	2231.7	2476.9	2739.8	3109.4	3688.6	*4001.4*	4058.2
30°	2590.6	2604.8	2590.6	2555.0	2572.8	2800.2	3127.2	3553.6	4143.5	*4495.3*	4569.9
32.5°	2988.6	2995.7	3056.1	3095.2	3109.4	3216.0	3574.9	4090.2	4722.7	*5106.5*	5202.5
35°	3422.1	3432.8	3500.3	3582.0	3710.0	3805.9	4136.4	4712.1	5312.6	*5795.9*	5867.0
37.5°	3926.7	3944.5	4033.3	4150.6	4328.3	4548.6	4726.3	5277.1	5913.2	*6471.1*	6545.7
40°	4370.9	4427.8	4580.6	4729.8	4918.2	5166.9	5284.2	5771.1	6357.4	*7068.1*	7192.5
42.5°	4790.3	4822.2	5067.4	5298.4	5522.3	5724.9	5838.6	6158.4	6751.8	*7622.5*	7761.1
45°	5138.5	5163.4	5437.0	5742.6	6019.8	6222.4	6240.1	6535.1	7142.7	*8208.8*	8315.4
47.5°	5351.7	5390.8	5742.6	6090.9	6396.5	6584.8	6556.4	7014.8	7569.2	*8891.1*	8905.3
50°	5479.7	5504.5	5863.4	6314.8	6691.4	6822.9	6883.3	7473.2	7956.5	*9537.9*	9452.6
52.5°	5572.1	5611.1	5962.9	6442.7	6865.6	7043.2	7260.0	7988.5	8262.1	*10067.4*	9839.9
55°	*5284.2*	*5341.1*	*5948.7*	*6499.5*	*7014.8*	*7313.3*	*7739.8*	*8411.4*	*8297.7*	*10305.5*	*9889.7*
57.5°	4960.8	4971.5	5572.1	6481.8	7181.8	7597.6	8180.4	8443.4	7967.2	*9871.9*	9385.1
60°	4484.6	4548.6	5163.4	6250.8	7210.3	7825.0	8478.9	8056.0	7363.1	*9068.8*	8336.8
62.5°	3148.5	3248.0	4051.1	5643.1	7007.7	7949.4	8429.1	7380.8	6606.2	*7828.6*	7007.7
65°	1762.6	1847.9	2505.3	4552.2	6449.8	7921.0	7917.4	6478.2	5390.8	*5657.3*	5010.6
67.5°	966.6	1034.1	1300.6	3425.7	5117.2	7313.3	6840.7	4943.1	3614.0	*3592.7*	3127.2
70°	675.2	678.7	820.9	2313.4	3678.0	5103.0	5348.2	3315.5	2242.3	*1982.9*	1673.7
72.5°	330.5	334.0	408.7	1091.0	2249.4	2828.7	3667.3	1723.5	1258.0	*984.3*	838.7
75°	167.0	163.5	223.9	408.7	931.0	1378.8	1616.9	863.5	732.0	*540.1*	479.7
77.5°	106.6	110.2	131.5	223.9	419.3	536.6	497.5	469.1	430.0	*316.3*	273.6
80°	71.1	71.1	88.8	142.1	206.1	255.9	152.8	216.8	252.3	*184.8*	159.9
82.5°	21.3	21.3	53.3	78.2	99.5	103.1	67.5	99.5	142.1	*103.1*	78.2
85°	14.2	14.2	28.4	39.1	42.6	35.5	21.3	42.6	67.5	*46.2*	39.1
87.5°	0.0	0.0	0.0	3.6	3.6	3.6	3.6	3.6	3.6	*3.6*	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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Scaled Data Report

REPORT NUMBER: P1502297
CATALOG NUMBER: GSS-SB4A-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1709.3	1709.3	1709.3	1709.3	1709.3	1709.3	1709.3	1709.3	1709.3	1709.3	1709.3
2.5°	1712.8	1716.4	1727.1	1730.6	1737.7	1741.3	1741.3	1741.3	1737.7	1741.3	1748.4
5°	1741.3	1759.0	1773.2	1769.7	1769.7	1751.9	1737.7	1709.3	1695.1	1691.5	1695.1
7.5°	1812.3	1826.6	1840.8	1819.4	1766.1	1684.4	1595.6	1524.5	1464.1	1435.7	1446.3
10°	1940.3	1958.0	1958.0	1858.5	1709.3	1517.4	1357.5	1226.0	1126.5	1073.2	1098.1
12.5°	2125.1	2139.3	2103.7	1894.1	1609.8	1293.5	1027.0	806.7	678.7	614.8	600.6
15°	2338.3	2359.6	2238.8	1887.0	1453.4	966.6	639.6	479.7	433.5	419.3	422.9
17.5°	2611.9	2622.6	2388.0	1830.1	1183.4	632.5	454.9	408.7	398.0	390.9	390.9
20°	2949.5	2917.5	2508.8	1734.2	863.5	497.5	419.3	383.8	373.1	369.6	373.1
22.5°	3312.0	3262.2	2608.3	1552.9	653.9	469.1	401.6	362.5	348.3	344.7	344.7
25°	3692.2	3578.5	2686.5	1286.4	611.2	462.0	380.2	330.5	316.3	309.2	309.2
27.5°	4125.7	3930.3	2729.2	1076.7	621.9	451.3	355.4	302.1	280.7	273.6	273.6
30°	4605.5	4321.2	2732.7	1034.1	643.2	437.1	330.5	270.1	248.8	238.1	241.6
32.5°	5188.3	4719.2	2722.1	1101.6	657.4	426.4	302.1	238.1	220.3	209.7	209.7
35°	5792.4	5202.5	2679.4	1229.5	664.5	394.5	266.5	209.7	188.3	184.8	188.3
37.5°	6392.9	5660.9	2619.0	1300.6	629.0	323.4	216.8	181.2	167.0	167.0	167.0
40°	6940.2	6058.9	2537.3	1240.2	501.1	234.5	177.7	156.4	149.3	145.7	149.3
42.5°	7348.9	6414.3	2388.0	1044.8	355.4	188.3	156.4	138.6	131.5	131.5	135.0
45°	7796.6	6755.4	2100.2	767.6	270.1	163.5	135.0	120.8	117.3	117.3	120.8
47.5°	8247.9	7029.0	1823.0	511.7	234.5	145.7	120.8	110.2	106.6	103.1	106.6
50°	8592.6	7160.5	1460.5	373.1	213.2	131.5	110.2	103.1	95.9	92.4	92.4
52.5°	8837.8	7125.0	1069.6	319.8	195.4	120.8	103.1	95.9	85.3	85.3	85.3
55°	*8688.6*	*6670.1*	*771.1*	*287.8*	*181.2*	*113.7*	*99.5*	*88.8*	*81.7*	*78.2*	*78.2*
57.5°	7963.6	5685.8	557.9	259.4	159.9	106.6	95.9	85.3	74.6	71.1	71.1
60°	6922.4	4427.8	415.8	227.4	138.6	103.1	85.3	81.7	71.1	64.0	64.0
62.5°	5657.3	3223.1	323.4	195.4	124.4	88.8	81.7	74.6	64.0	56.9	53.3
65°	3926.7	2057.5	248.8	159.9	117.3	78.2	74.6	64.0	53.3	42.6	42.6
67.5°	2423.6	1222.4	191.9	124.4	92.4	67.5	64.0	56.9	46.2	35.5	35.5
70°	1339.7	646.8	131.5	92.4	71.1	53.3	49.8	49.8	39.1	32.0	28.4
72.5°	643.2	351.8	88.8	78.2	53.3	35.5	39.1	39.1	32.0	24.9	24.9
75°	387.3	209.7	60.4	60.4	35.5	28.4	28.4	32.0	24.9	17.8	17.8
77.5°	220.3	124.4	35.5	46.2	24.9	17.8	21.3	17.8	14.2	10.7	10.7
80°	124.4	71.1	21.3	32.0	14.2	10.7	10.7	7.1	7.1	3.6	3.6
82.5°	60.4	39.1	10.7	10.7	7.1	3.6	3.6	3.6	3.6	0.0	0.0
85°	28.4	7.1	3.6	3.6	3.6	3.6	3.6	3.6	3.6	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

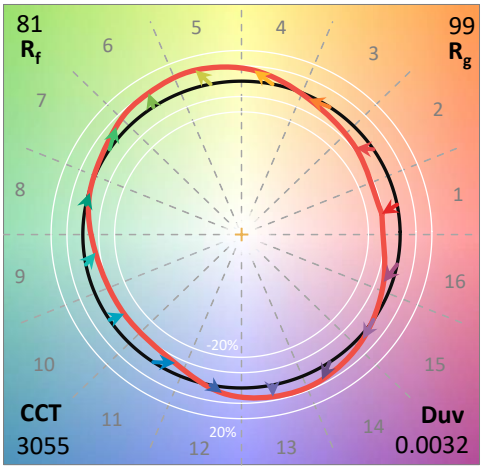
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

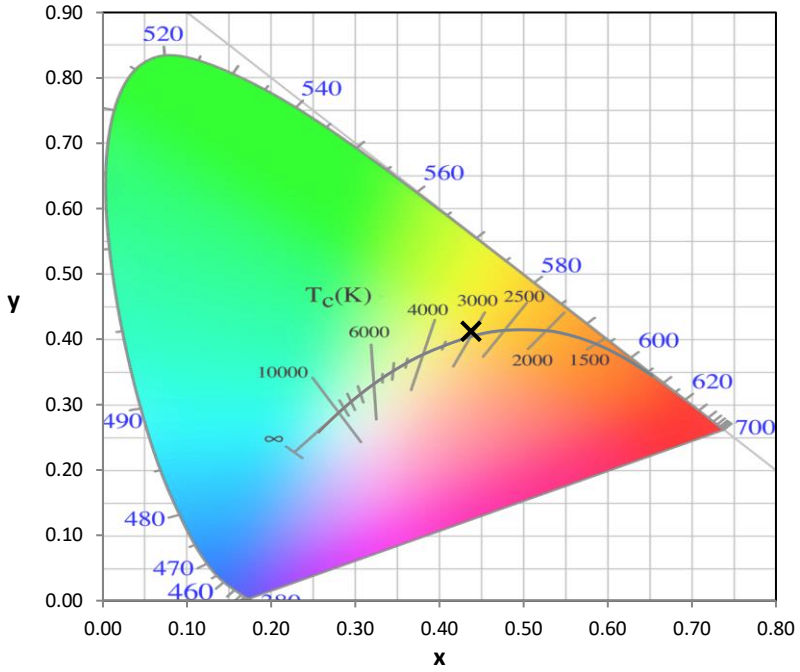
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

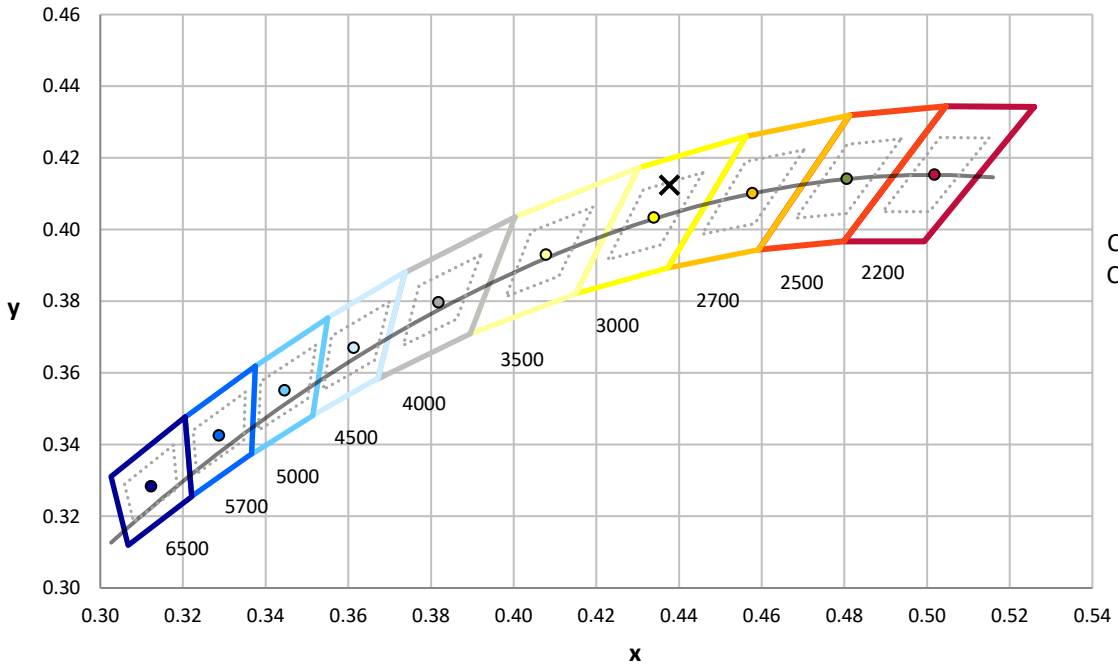
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

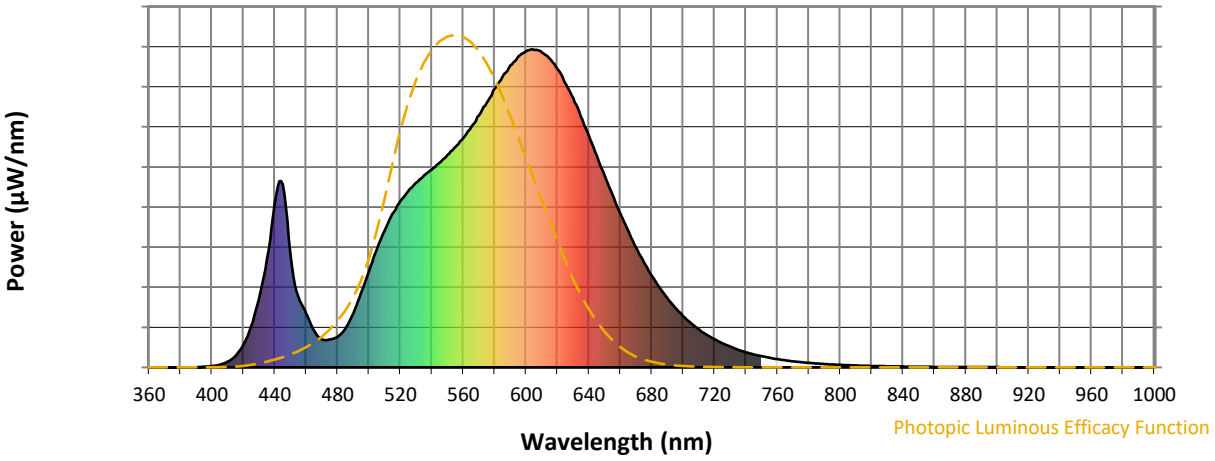


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

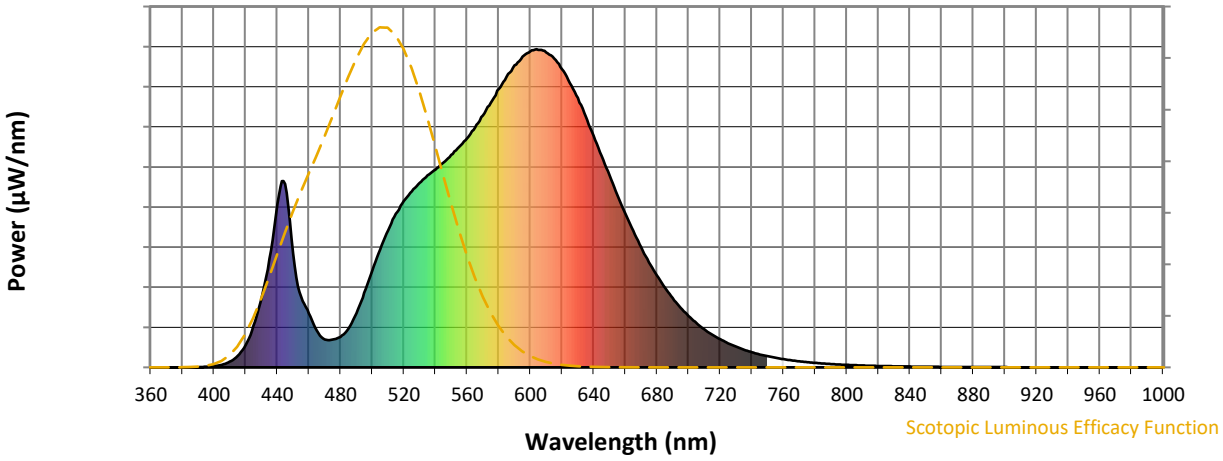


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

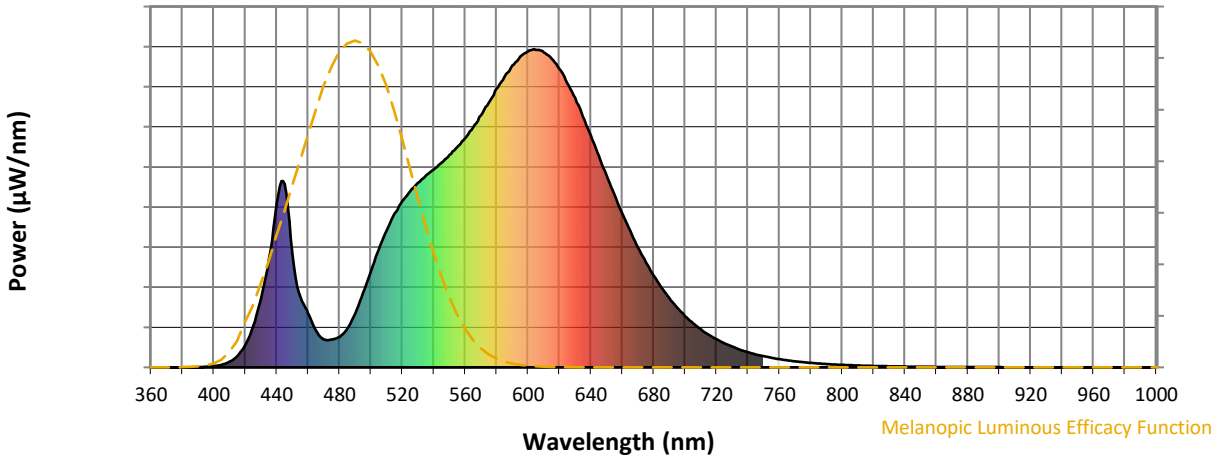


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

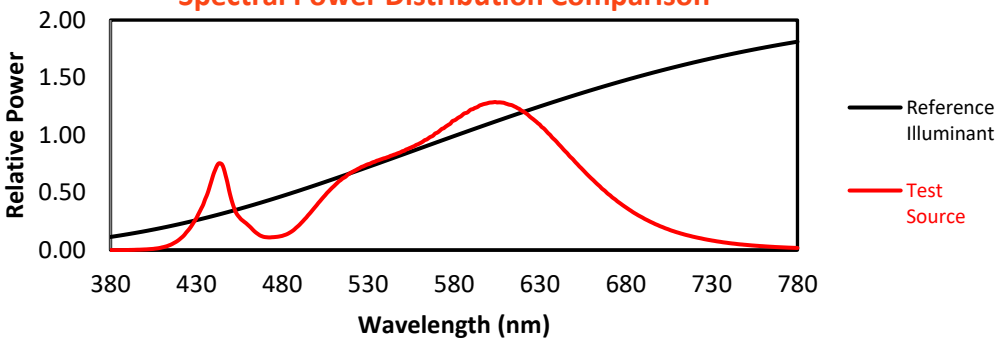
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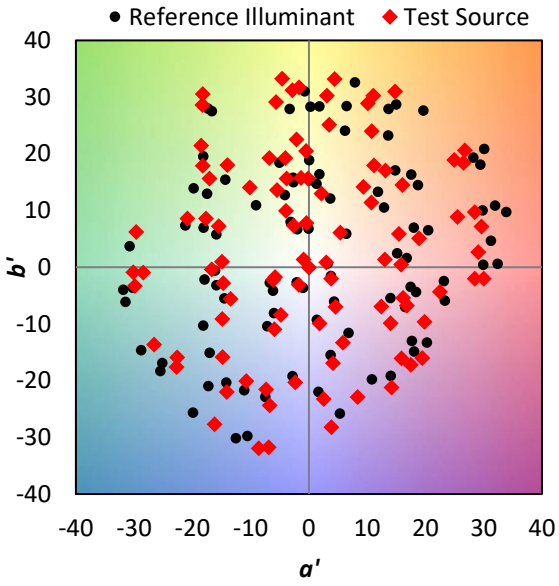
Summary

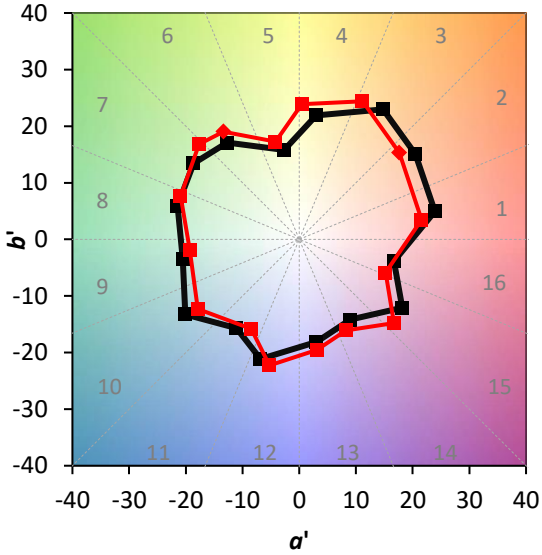
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

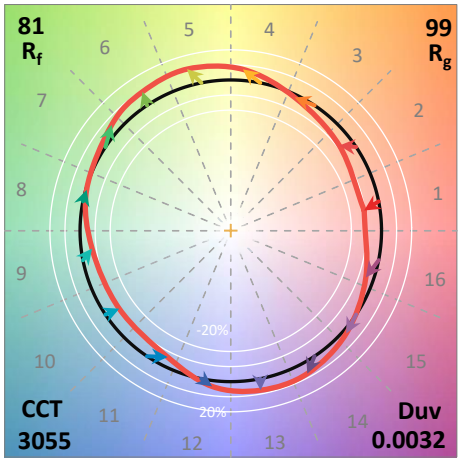
Spectral Power Distribution Comparison

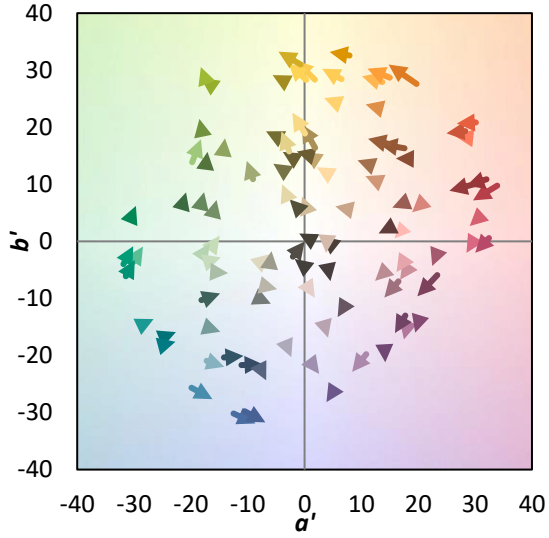


Color Vector Graphics







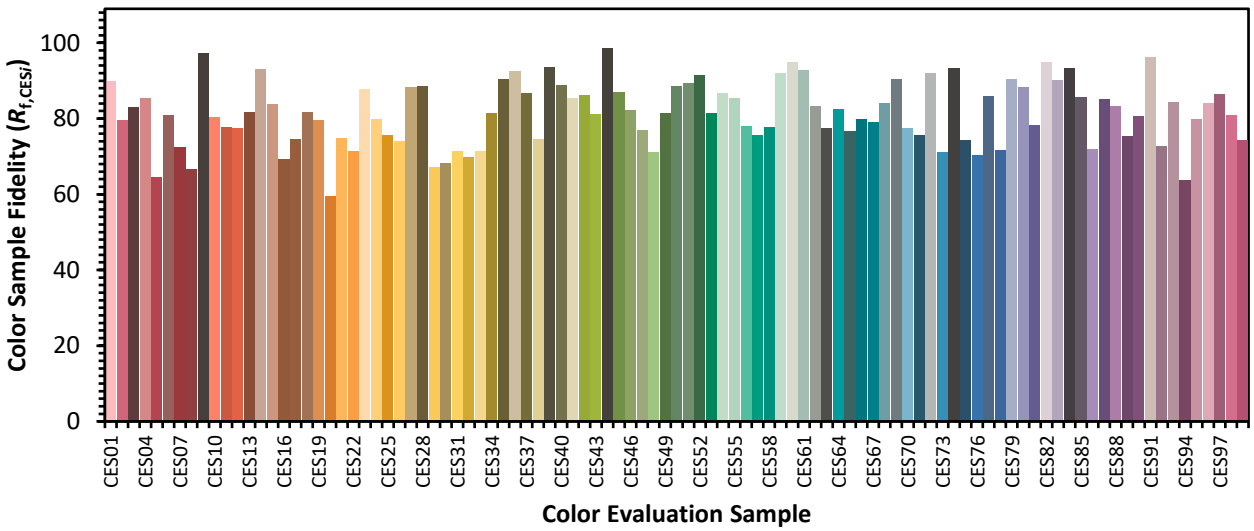


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Individual Sample Fidelity Index ($R_{f,i}$)

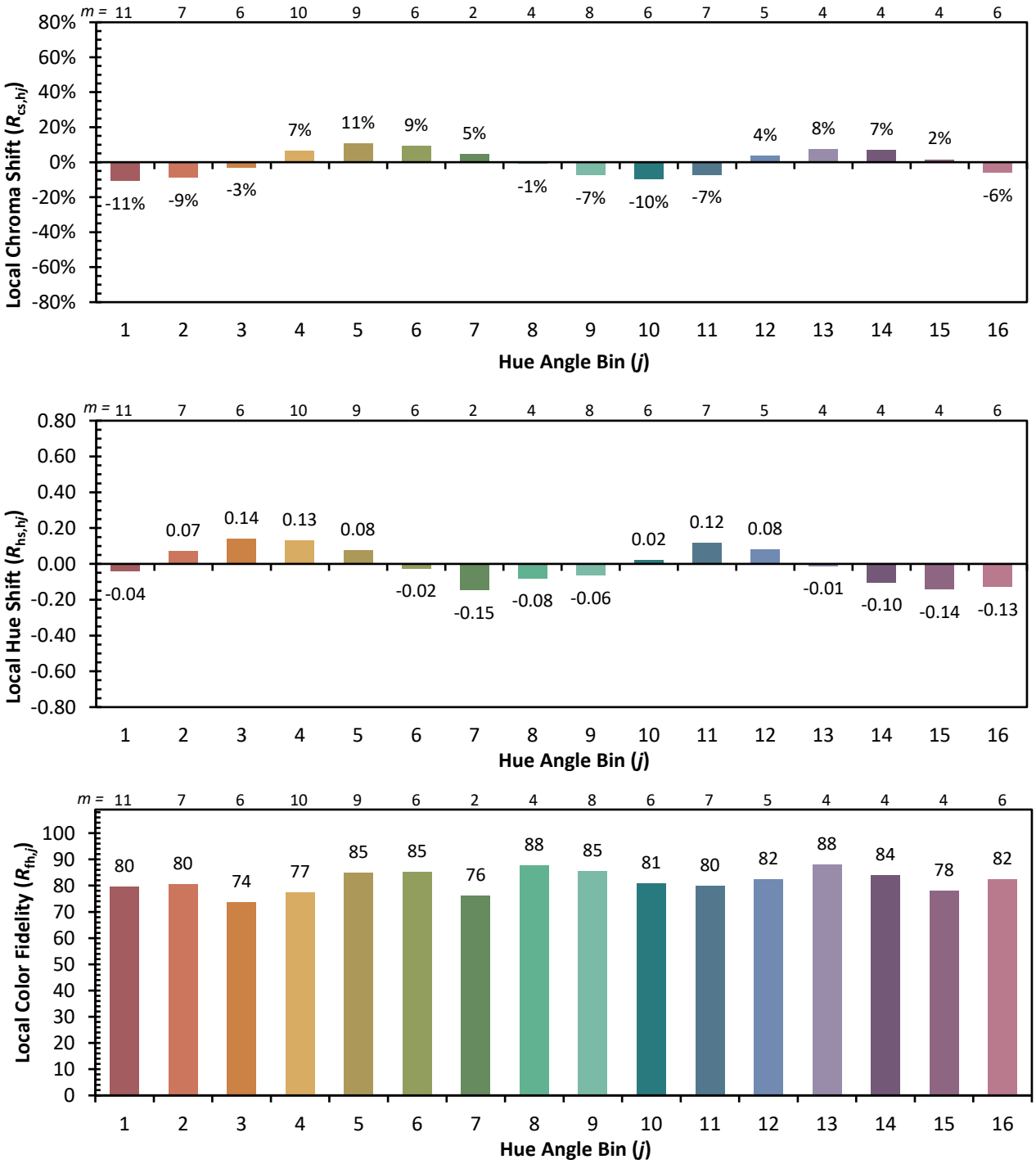
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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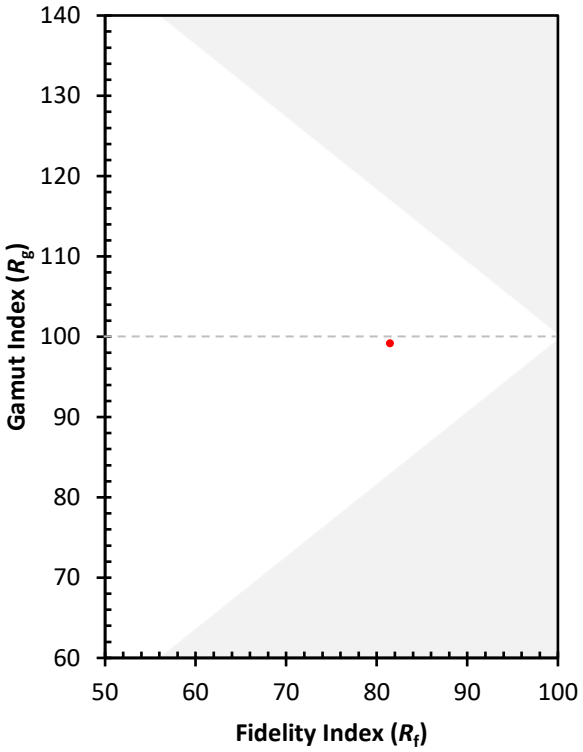
Color Rendition by Hue-Angle Bin

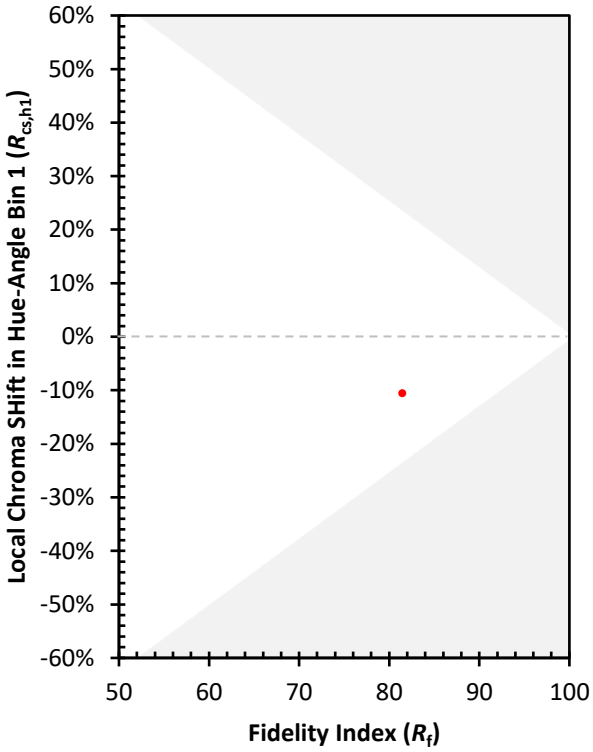


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Measure Comparisons





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