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: P1502673

Luminaire Tested: GSS-SB2A-830-U-T4LG-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:	P1502673
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6021.7 lumens
Efficiency:	N/A
Efficacy:	103.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

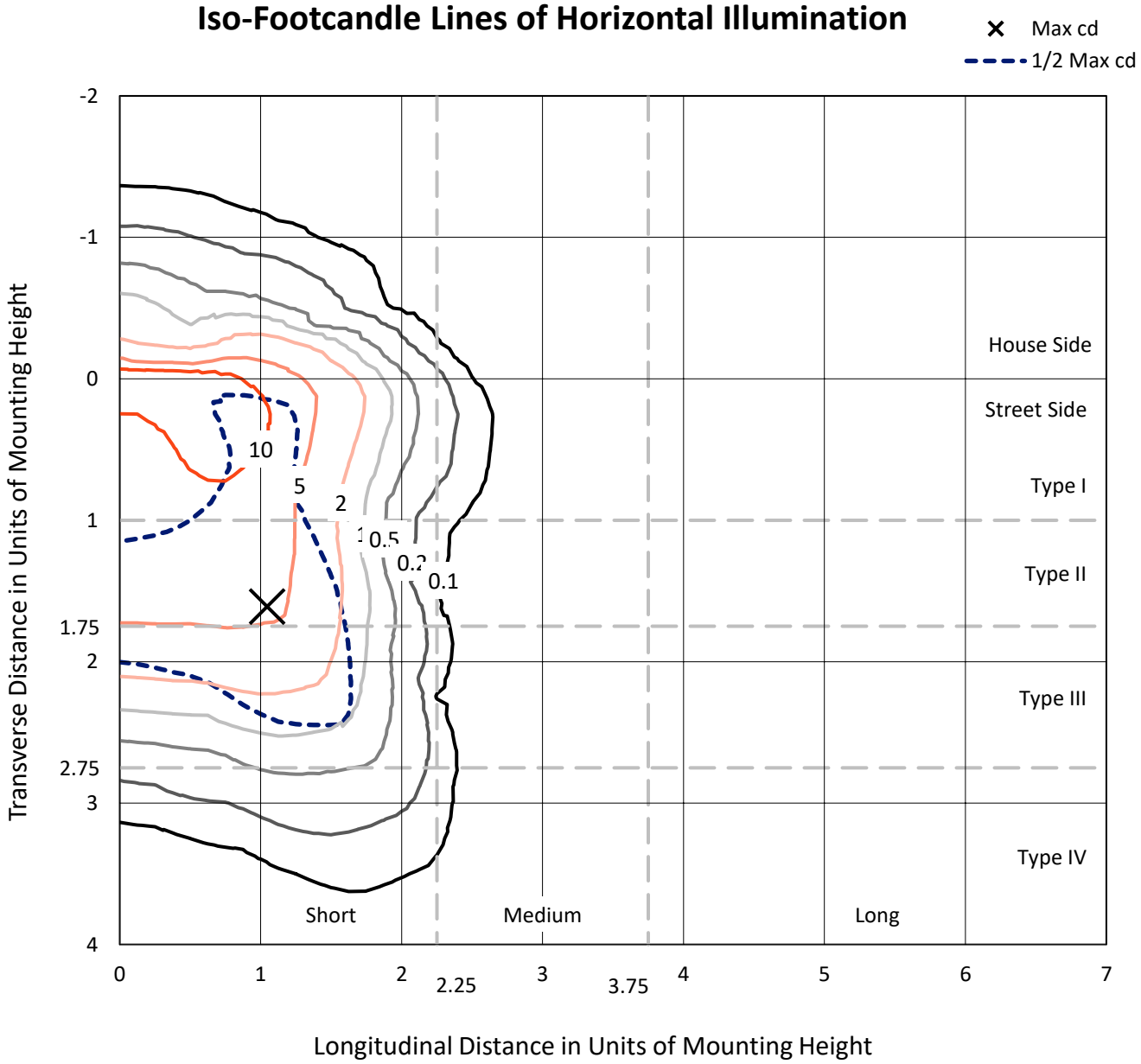
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502673
CATALOG NUMBER: GSS-SB2A-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



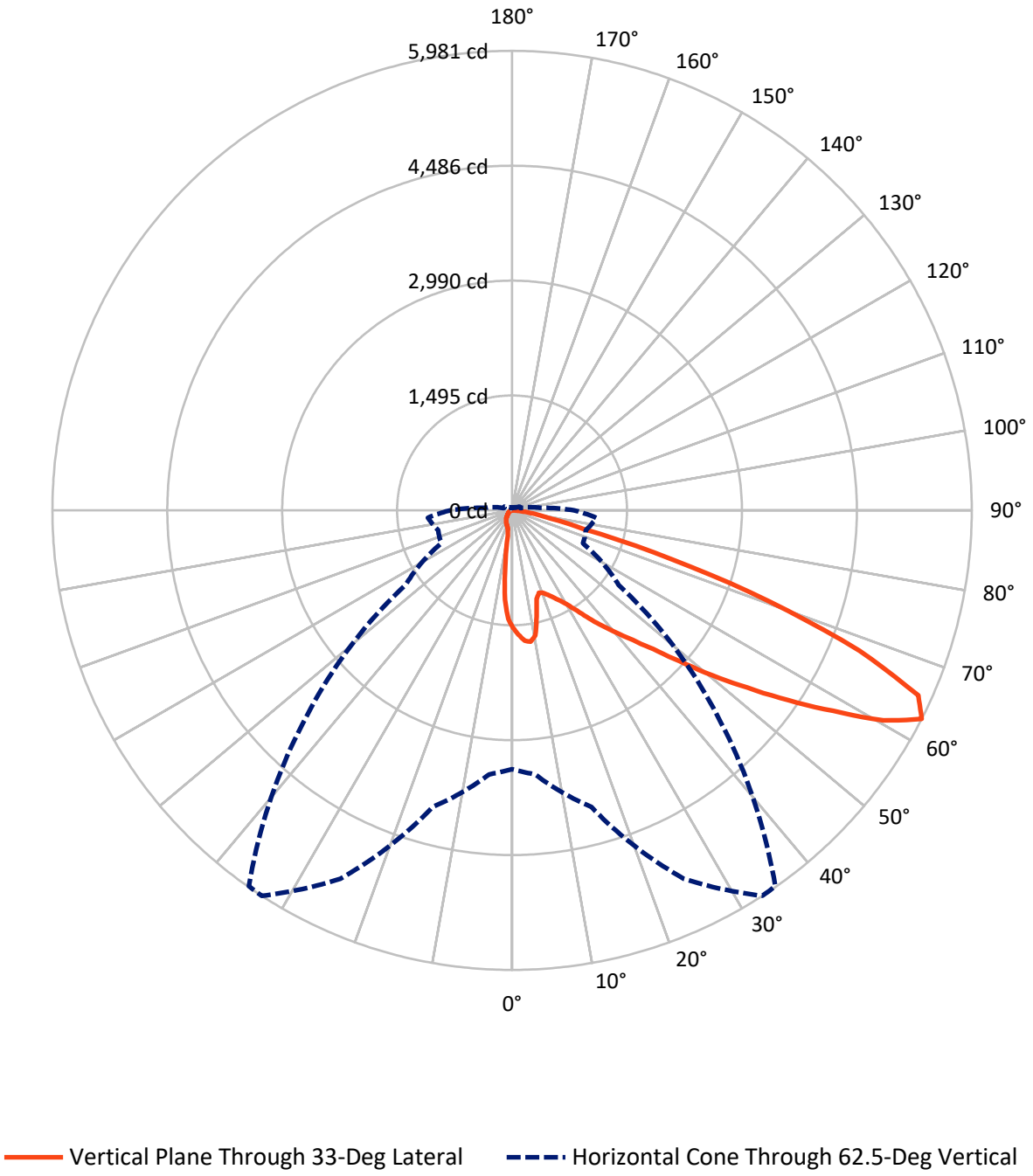
Based on 10 foot mounting height. Maximum calculated value = 18.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1502673
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Luminous Intensity Polar Plot



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Scaled Data Report

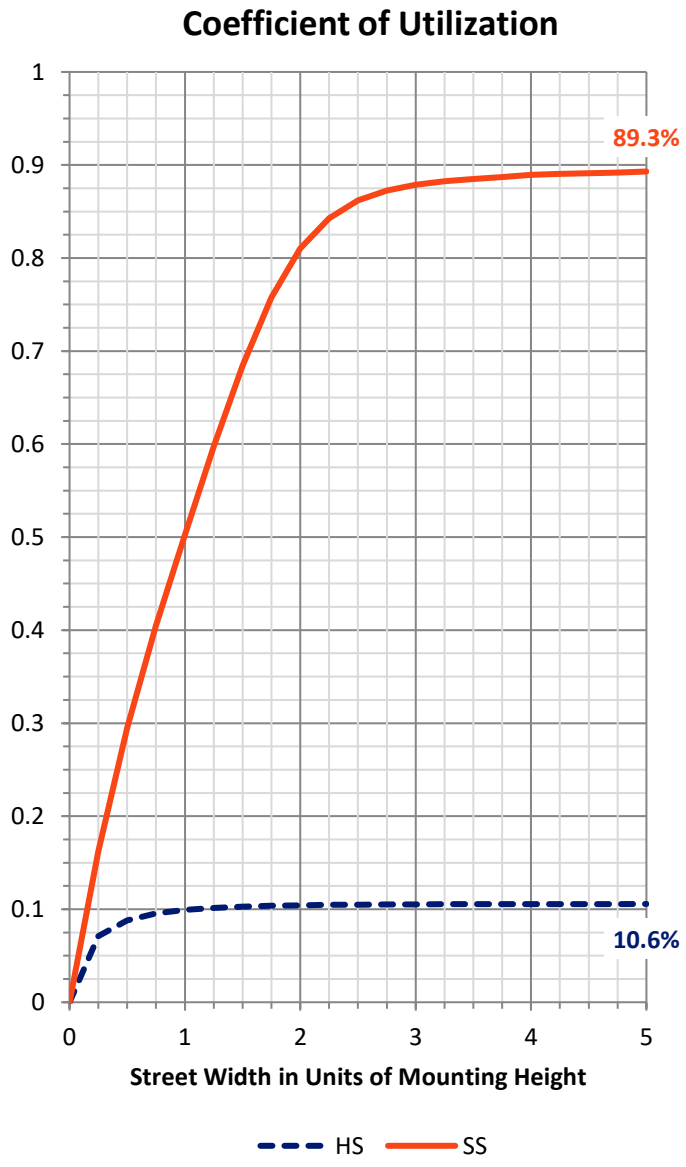
REPORT NUMBER: P1502673
CATALOG NUMBER: GSS-SB2A-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	640.8	0.0	640.8
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	5380.9	0.0	5380.9
	% Fixture	89.4	0.0	89.4
Total	Lumens	6021.7	0.0	6021.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.0	2.2
10°-20°	290.2	4.8
20°-30°	467.7	7.8
30°-40°	778.1	12.9
40°-50°	1229.8	20.4
50°-60°	1652.2	27.4
60°-70°	1212.9	20.1
70°-80°	240.1	4.0
80°-90°	20.9	0.3
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°	6021.7	100.0
0°-180°	6021.7	100.0



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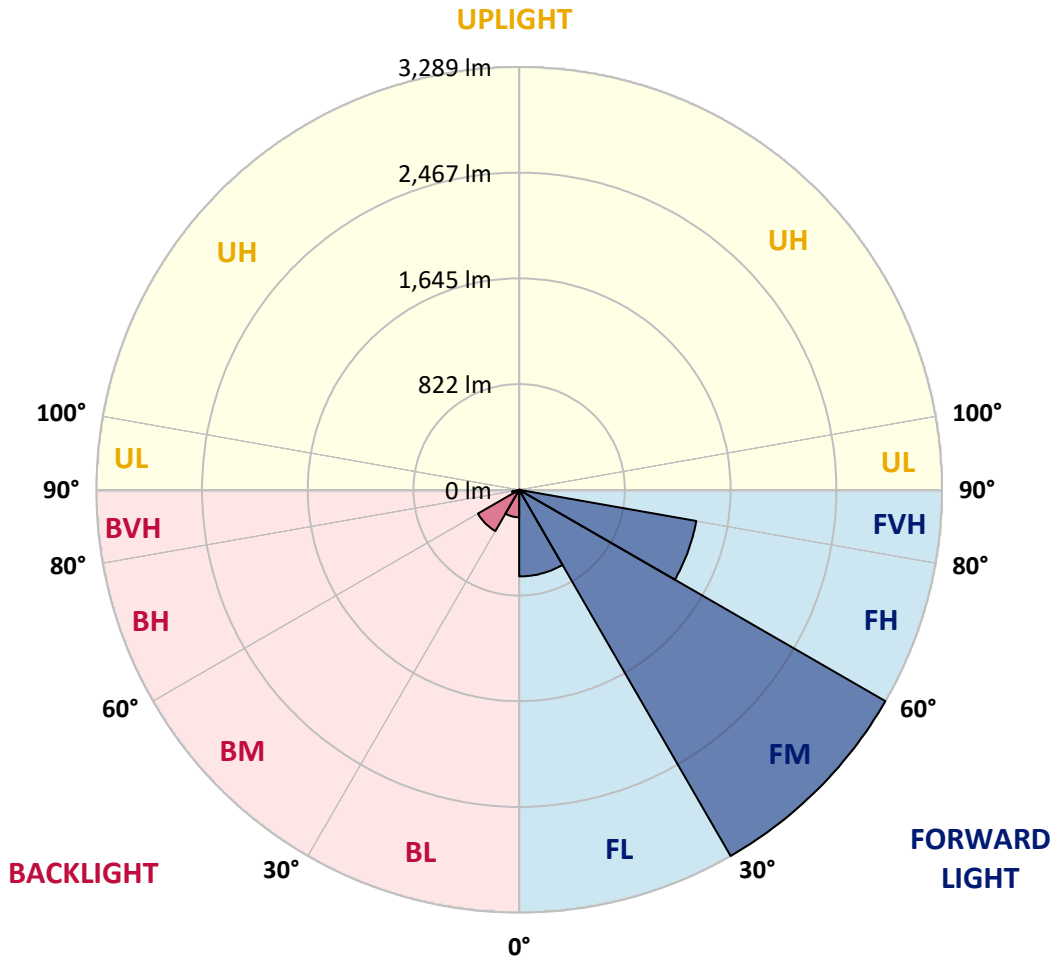
Scaled Data Report

REPORT NUMBER: P1502673
CATALOG NUMBER: GSS-SB2A-830-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	674.2	11.2			
FM	(30°-60°)	3289.3	54.6			
FH	(60°-80°)	1398.2	23.2			G1/1800
FVH	(80°-90°)	19.3	0.3			G1/100
BL	(0°-30°)	213.8	3.6	B1/500		
BM	(30°-60°)	370.7	6.2	B1/1000		
BH	(60°-80°)	54.7	0.9	B0/110		G0/110
BVH	(80°-90°)	1.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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REPORT NUMBER: P1502673
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6
2.5°	1629.6	1636.4	1636.4	1622.8	1619.4	1612.7	1605.9	1604.2	1582.1	1565.2	1548.2
5°	1712.7	1711.0	1709.3	1702.5	1704.2	1695.8	1690.7	1682.2	1644.9	1619.4	1573.7
7.5°	1677.1	1692.4	1699.1	1717.8	1726.3	1724.6	1738.1	1741.5	1709.3	1673.7	1604.2
10°	1444.8	1436.3	1497.4	1577.1	1656.8	1675.4	1748.3	1787.3	1775.5	1743.2	1653.4
12.5°	1144.6	1153.1	1195.5	1288.8	1419.3	1460.0	1670.3	1824.6	1858.5	1838.2	1721.2
15°	1048.0	1048.0	1070.0	1114.1	1192.1	1231.1	1490.6	1819.5	1946.7	1948.4	1806.0
17.5°	1027.6	1031.0	1049.7	1078.5	1129.4	1146.3	1327.8	1744.9	2033.2	2063.7	1900.9
20°	1031.0	1036.1	1056.5	1097.2	1146.3	1166.7	1285.4	1650.0	2106.1	2189.2	2001.0
22.5°	1042.9	1041.2	1076.8	1131.1	1193.8	1212.5	1321.0	1611.0	2167.2	2333.4	2118.0
25°	1056.5	1058.2	1103.9	1180.2	1256.6	1278.6	1400.7	1646.6	2211.3	2487.7	2236.7
27.5°	1097.2	1102.2	1158.2	1241.3	1331.2	1360.0	1504.1	1739.8	2287.6	2636.9	2365.6
30°	1159.9	1165.0	1229.4	1329.5	1426.1	1470.2	1633.0	1856.9	2401.2	2809.9	2497.8
32.5°	1232.8	1239.6	1322.7	1438.0	1555.0	1597.4	1780.5	2034.9	2552.1	2986.2	2635.2
35°	1324.4	1343.0	1432.9	1570.3	1728.0	1768.7	1962.0	2236.7	2748.8	3143.9	2752.2
37.5°	1449.9	1465.1	1575.4	1746.6	1906.0	1960.3	2165.5	2448.7	2926.9	3284.7	2847.2
40°	1602.5	1616.1	1739.8	1926.4	2092.6	2138.3	2379.1	2662.3	3118.5	3362.7	2867.5
42.5°	1856.9	1894.2	1972.2	2129.9	2307.9	2365.6	2616.6	2869.2	3257.5	3377.9	2835.3
45°	2301.1	2313.0	2330.0	2404.6	2575.9	2626.7	2867.5	3049.0	3340.6	3381.3	2806.5
47.5°	2726.8	2767.5	2791.2	2825.1	2928.6	2947.2	3130.4	3210.1	3406.8	3369.5	2806.5
50°	3152.4	3182.9	3223.6	3264.3	3374.6	3381.3	3408.5	3318.6	3410.2	3272.8	2789.5
52.5°	3539.0	3549.2	3618.7	3696.7	3834.1	3871.4	3666.2	3398.3	3205.0	2967.6	2709.8
55°	3885.0	3898.5	4003.7	4163.1	4359.8	4409.0	3981.6	3244.0	2765.8	2572.5	2525.0
57.5°	4108.8	4141.0	4351.3	4702.3	4924.5	4902.4	4225.8	2882.8	2221.4	2104.4	2197.7
60°	3996.9	4041.0	4483.6	5155.1	5550.2	5485.8	4158.0	2372.4	1641.5	1556.7	1739.8
62.5°	3367.8	3449.2	3996.9	5289.1	5980.9	5970.8	3774.8	1692.4	1017.5	995.4	1098.8
65°	2341.8	2482.6	3132.1	4841.4	5808.0	5823.2	3177.8	985.2	471.4	585.0	642.7
67.5°	1380.3	1480.4	2017.9	3952.8	4873.6	4732.9	2160.4	456.2	235.7	356.1	340.8
70°	607.1	674.9	1156.5	2738.6	3550.9	3323.7	1054.8	222.1	179.8	215.4	188.2
72.5°	334.1	364.6	608.8	1446.5	2160.4	2053.6	356.1	147.5	154.3	161.1	135.7
75°	186.5	200.1	320.5	836.0	949.6	883.5	173.0	96.7	130.6	130.6	100.0
77.5°	108.5	120.4	200.1	520.6	520.6	420.5	105.1	61.0	98.4	88.2	54.3
80°	50.9	57.7	110.2	288.3	329.0	271.3	59.4	42.4	64.4	56.0	35.6
82.5°	15.3	18.7	54.3	111.9	186.5	159.4	30.5	27.1	47.5	35.6	20.3
85°	10.2	11.9	27.1	45.8	91.6	79.7	10.2	8.5	20.3	17.0	8.5
87.5°	1.7	1.7	3.4	3.4	3.4	3.4	1.7	1.7	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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Scaled Data Report

REPORT NUMBER: P1502673
CATALOG NUMBER: GSS-SB2A-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6	1529.6
2.5°	1538.1	1526.2	1499.0	1473.6	1460.0	1429.5	1417.7	1404.1	1397.3	1395.6	1385.4
5°	1544.8	1522.8	1455.0	1387.1	1315.9	1248.1	1178.6	1117.5	1068.3	1070.0	1071.7
7.5°	1565.2	1521.1	1402.4	1266.7	1114.1	937.8	749.5	608.8	518.9	500.2	483.3
10°	1592.3	1527.9	1338.0	1087.0	786.8	495.2	349.3	298.5	276.4	271.3	273.0
12.5°	1643.2	1544.8	1256.6	839.4	435.8	284.9	252.7	244.2	240.8	240.8	240.8
15°	1705.9	1568.6	1129.4	549.4	284.9	237.4	230.6	228.9	225.5	225.5	227.2
17.5°	1758.5	1568.6	961.5	357.8	234.0	220.4	215.4	213.7	213.7	215.4	213.7
20°	1816.2	1556.7	773.3	269.6	217.1	205.2	201.8	201.8	201.8	203.5	203.5
22.5°	1875.5	1536.4	598.6	230.6	201.8	191.6	189.9	191.6	193.3	195.0	195.0
25°	1941.6	1510.9	473.1	213.7	188.2	179.8	179.8	179.8	181.4	184.8	186.5
27.5°	2014.6	1488.9	405.3	203.5	176.4	167.9	167.9	169.6	173.0	174.7	176.4
30°	2082.4	1488.9	383.2	208.6	171.3	161.1	157.7	159.4	162.8	166.2	166.2
32.5°	2167.2	1505.8	395.1	230.6	169.6	150.9	147.5	147.5	150.9	152.6	152.6
35°	2238.4	1538.1	435.8	261.1	176.4	142.4	135.7	134.0	137.4	135.7	137.4
37.5°	2296.1	1582.1	510.4	301.8	189.9	132.3	123.8	118.7	118.7	118.7	118.7
40°	2313.0	1626.2	605.4	329.0	188.2	120.4	108.5	103.4	101.7	100.0	100.0
42.5°	2289.3	1646.6	681.7	327.3	167.9	111.9	96.7	89.9	84.8	83.1	83.1
45°	2270.6	1656.8	708.8	284.9	152.6	101.7	86.5	78.0	72.9	71.2	69.5
47.5°	2272.3	1666.9	668.1	232.3	139.1	93.3	78.0	69.5	64.4	62.7	61.0
50°	2279.1	1650.0	566.4	193.3	127.2	84.8	69.5	62.7	57.7	56.0	54.3
52.5°	2207.9	1560.1	398.5	169.6	117.0	79.7	62.7	57.7	52.6	50.9	50.9
55°	2021.3	1344.7	269.6	150.9	108.5	72.9	57.7	54.3	49.2	45.8	45.8
57.5°	1722.9	1014.1	186.5	137.4	95.0	66.1	54.3	49.2	44.1	40.7	40.7
60°	1317.6	661.3	135.7	125.5	78.0	61.0	50.9	47.5	40.7	37.3	35.6
62.5°	*802.1*	*371.4*	*110.2*	*110.2*	*66.1*	*57.7*	*45.8*	*42.4*	*35.6*	*30.5*	*28.8*
65°	464.6	218.8	89.9	93.3	57.7	52.6	40.7	35.6	28.8	23.7	22.0
67.5°	223.8	127.2	71.2	66.1	50.9	44.1	35.6	30.5	25.4	20.3	18.7
70°	137.4	98.4	54.3	47.5	40.7	33.9	28.8	27.1	22.0	17.0	17.0
72.5°	111.9	79.7	42.4	33.9	30.5	23.7	23.7	22.0	17.0	13.6	11.9
75°	88.2	59.4	32.2	23.7	18.7	18.7	17.0	15.3	13.6	10.2	10.2
77.5°	47.5	40.7	23.7	13.6	10.2	11.9	11.9	10.2	8.5	6.8	6.8
80°	30.5	23.7	13.6	6.8	6.8	6.8	6.8	5.1	5.1	3.4	3.4
82.5°	15.3	11.9	6.8	1.7	3.4	3.4	3.4	3.4	3.4	1.7	1.7
85°	3.4	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
87.5°	0.0	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7
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

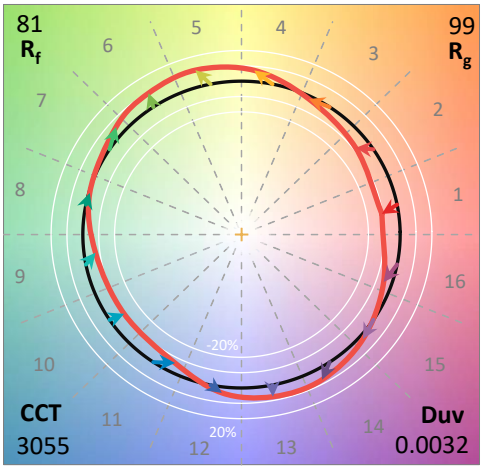
Test Information

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

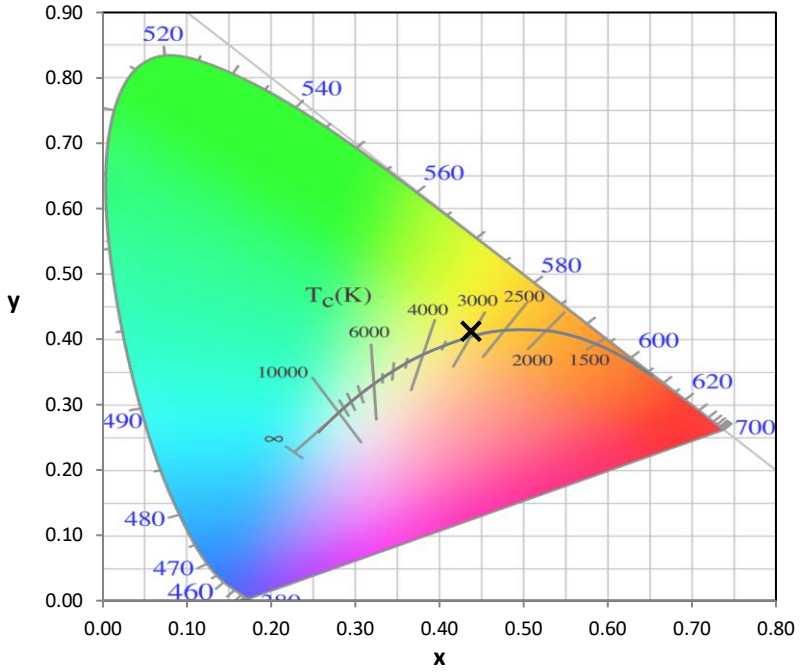
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

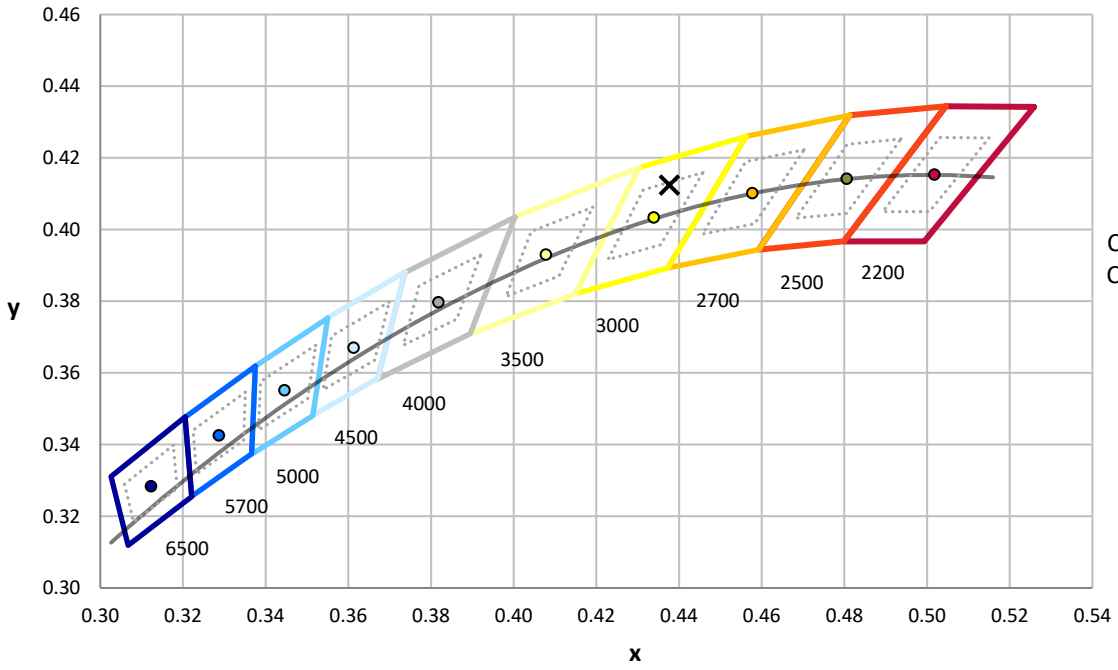
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

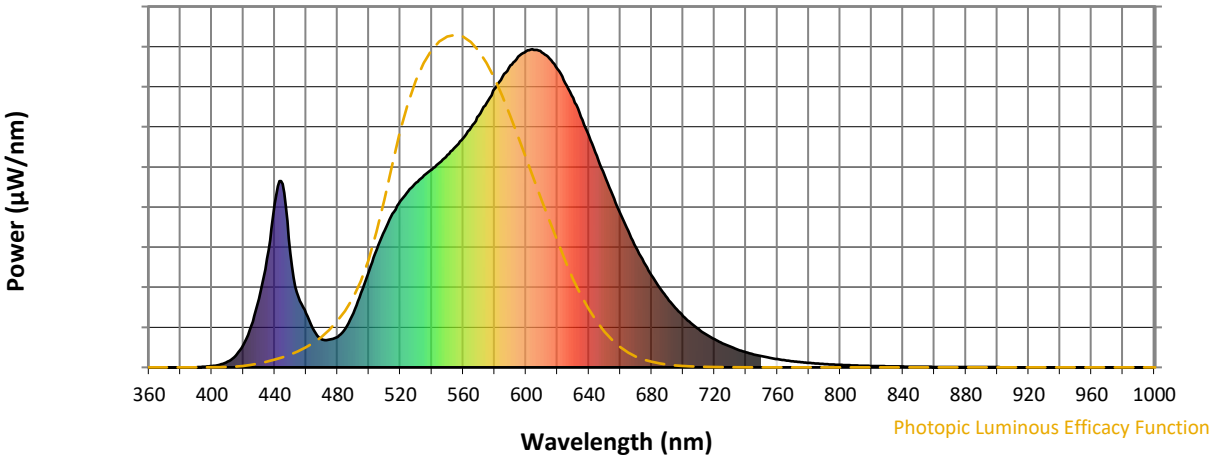


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

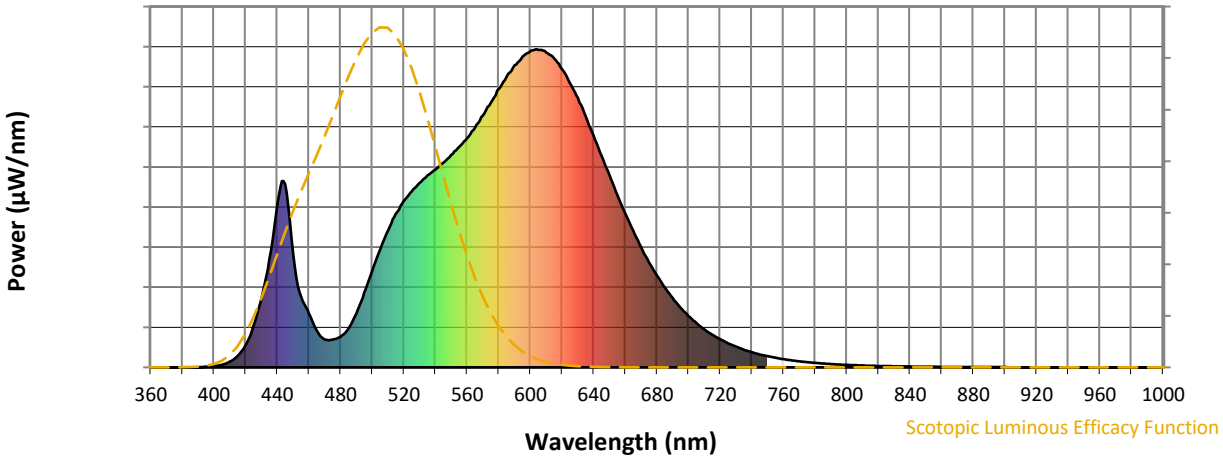


Photopic Lumens: NR

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

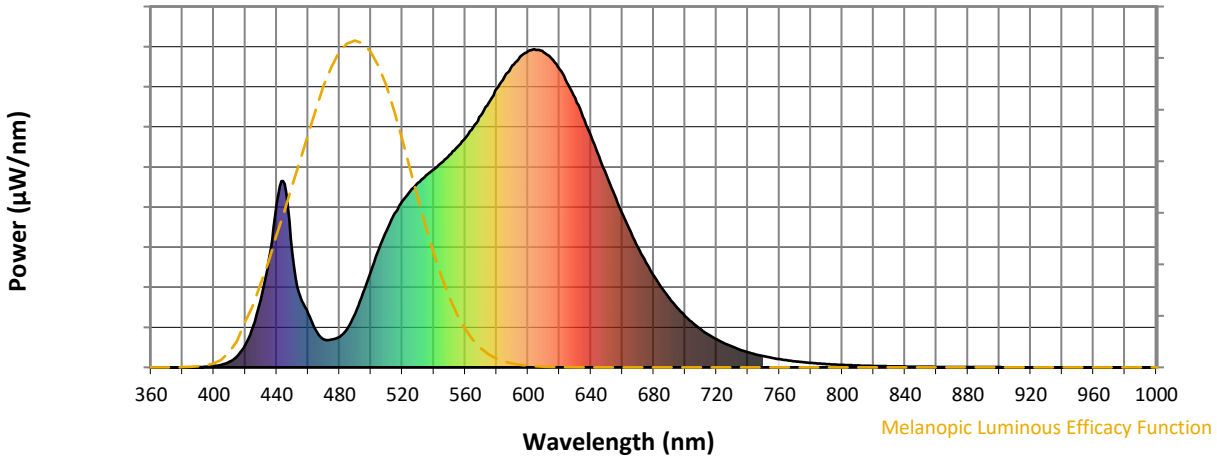


Scotopic Lumens: NR **S/P: 1.28**

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			

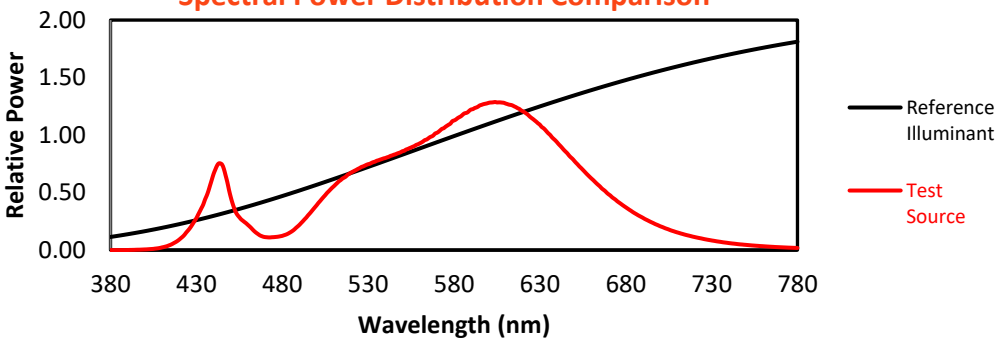
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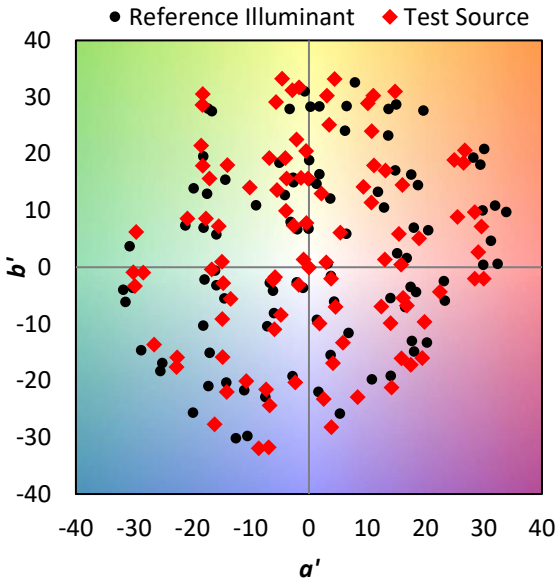
Summary

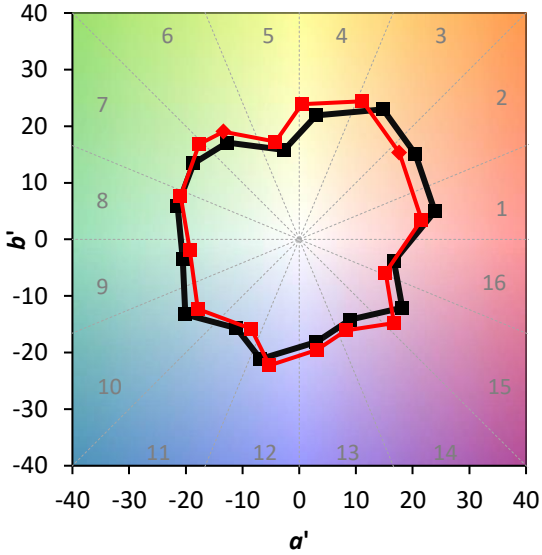
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

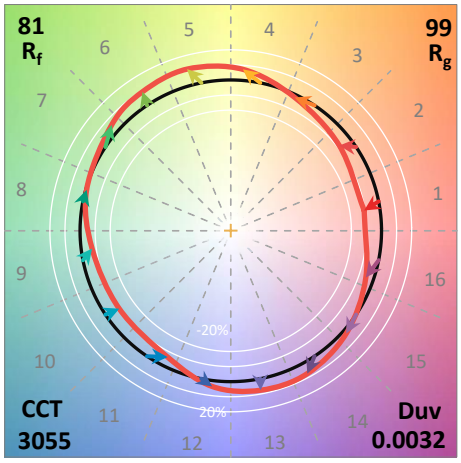
Spectral Power Distribution Comparison

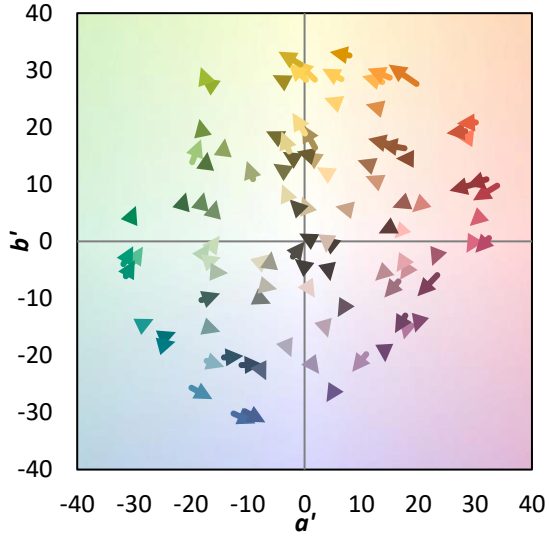


Color Vector Graphics







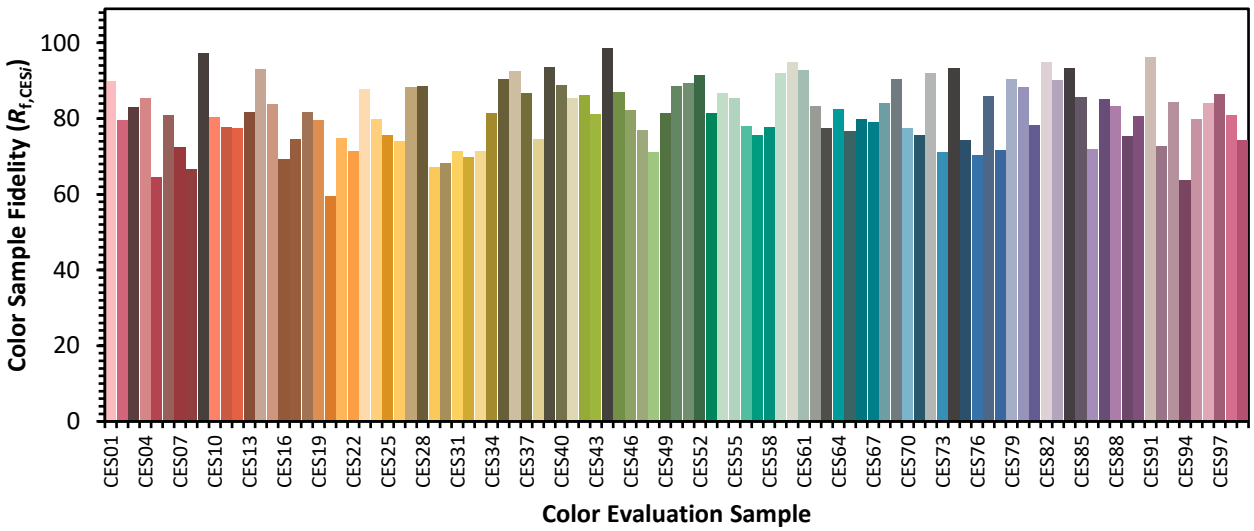


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Individual Sample Fidelity Index ($R_{f,i}$)

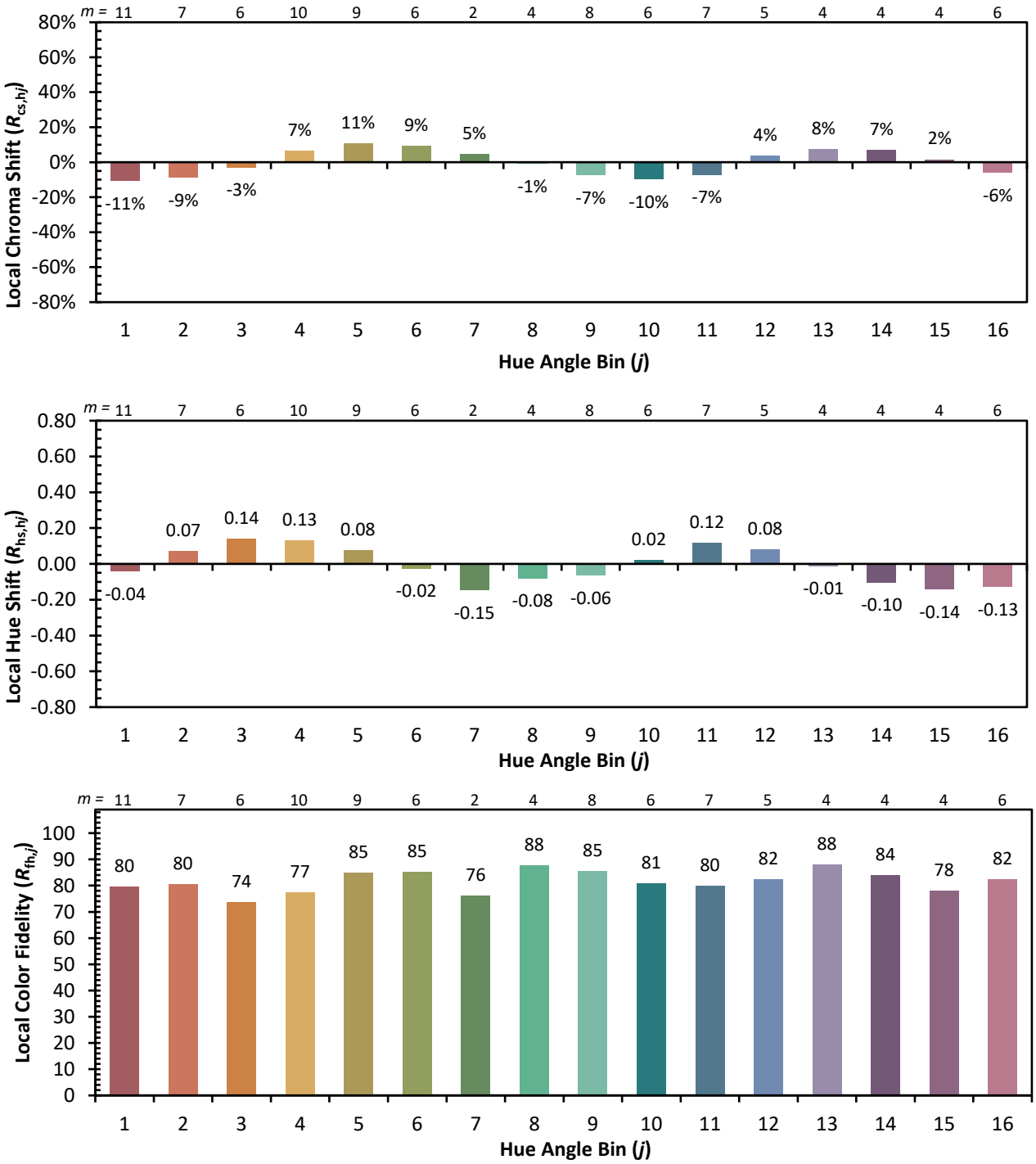
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 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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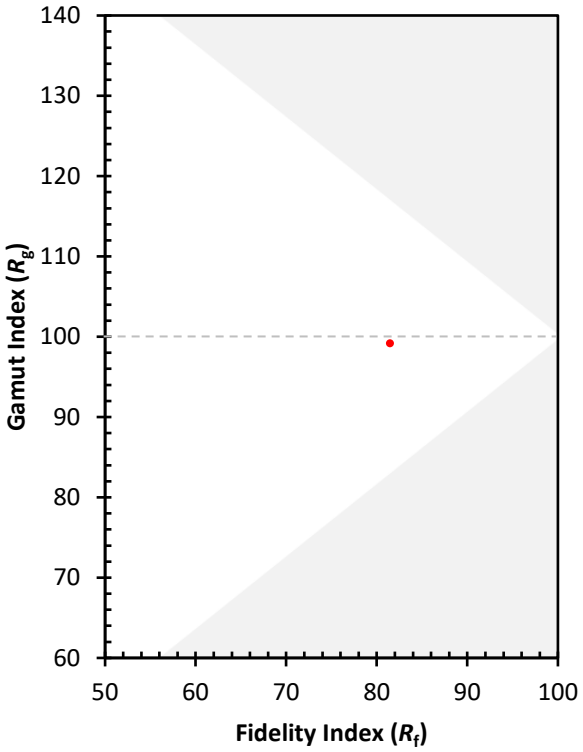
Color Rendition by Hue-Angle Bin

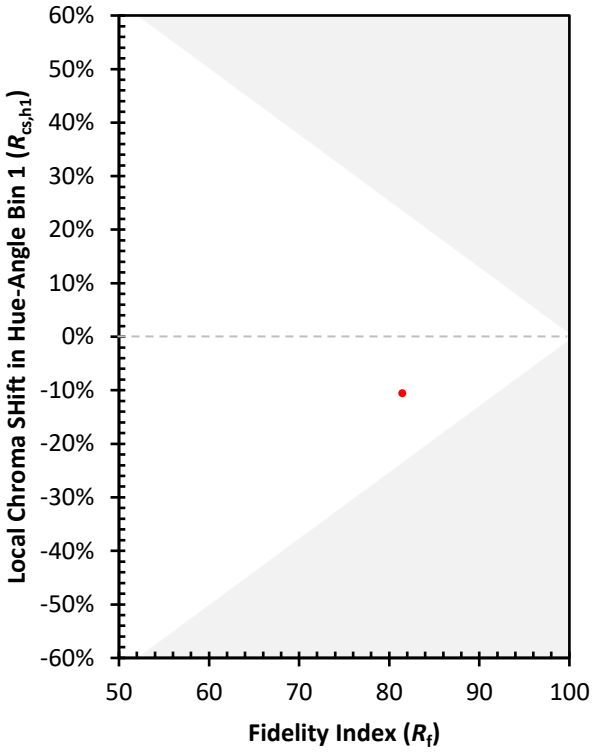


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Measure Comparisons





(END OF REPORT)