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

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Peachtree City, GA 30269

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: P1502285

Luminaire Tested: GSS-SB1A-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:	P1502285
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-830-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3062.2 lumens
Efficiency:	N/A
Efficacy:	98.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

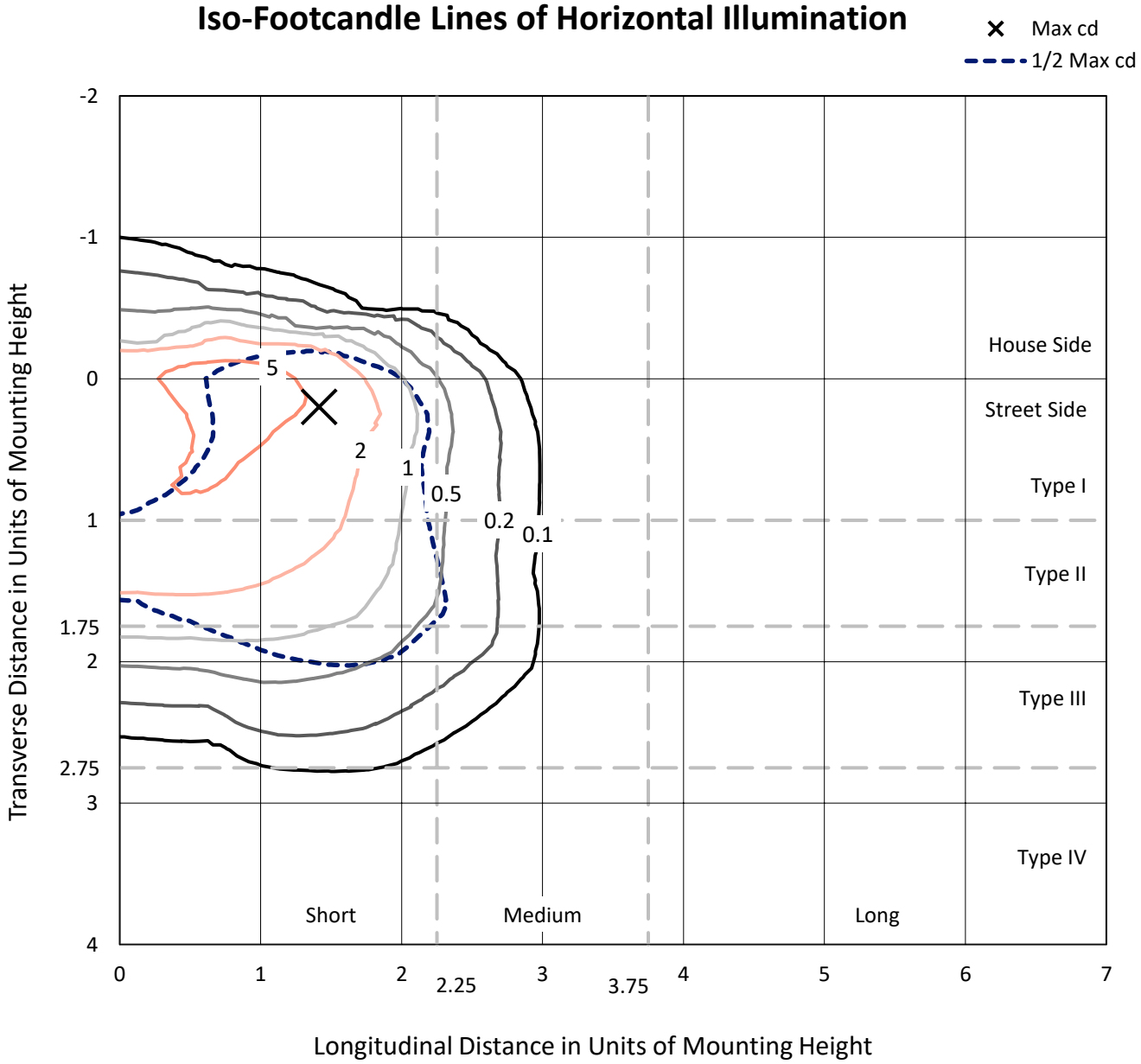
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502285
CATALOG NUMBER: GSS-SB1A-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



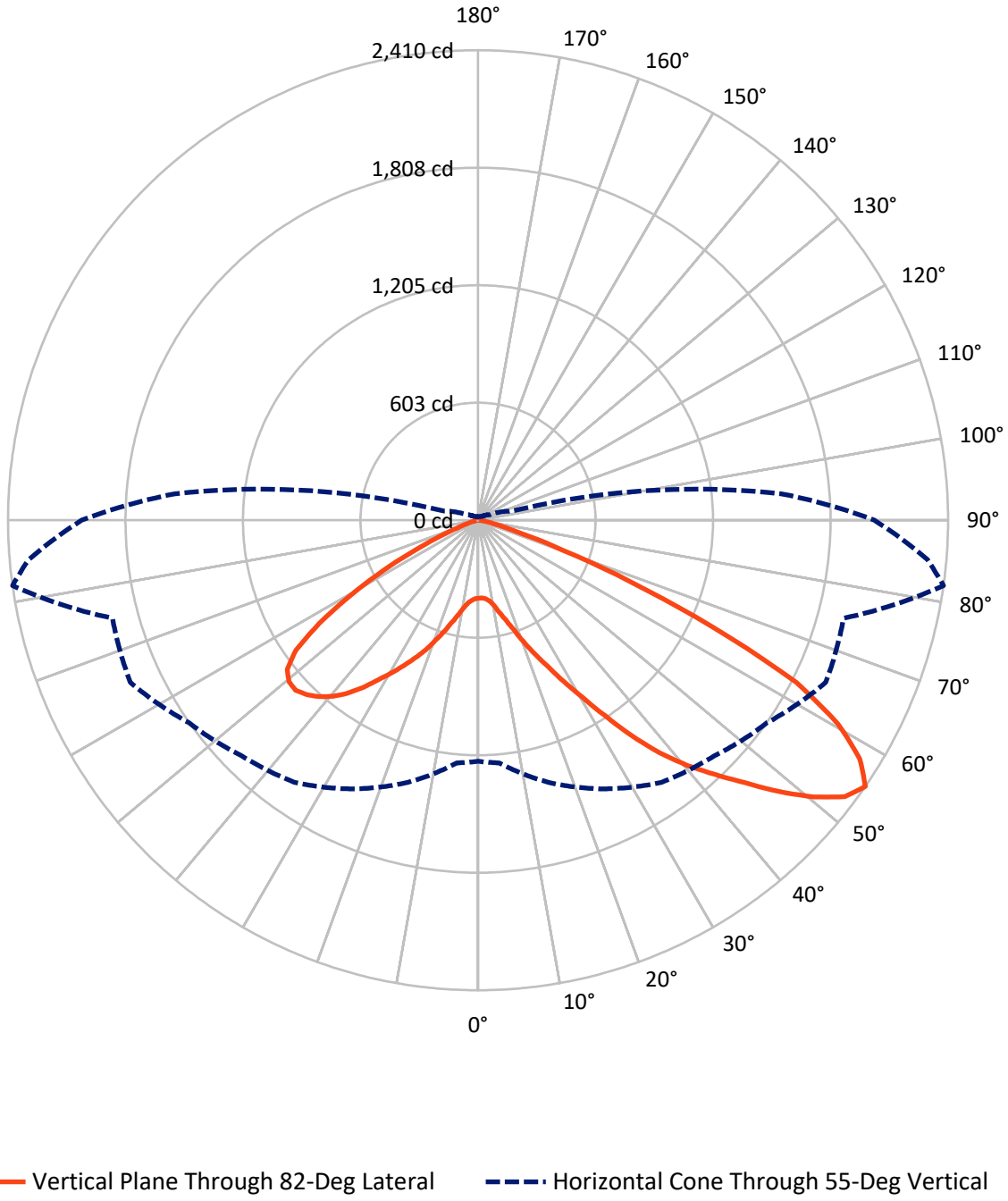
Based on 10 foot mounting height. Maximum calculated value = 7.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502285
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Luminous Intensity Polar Plot



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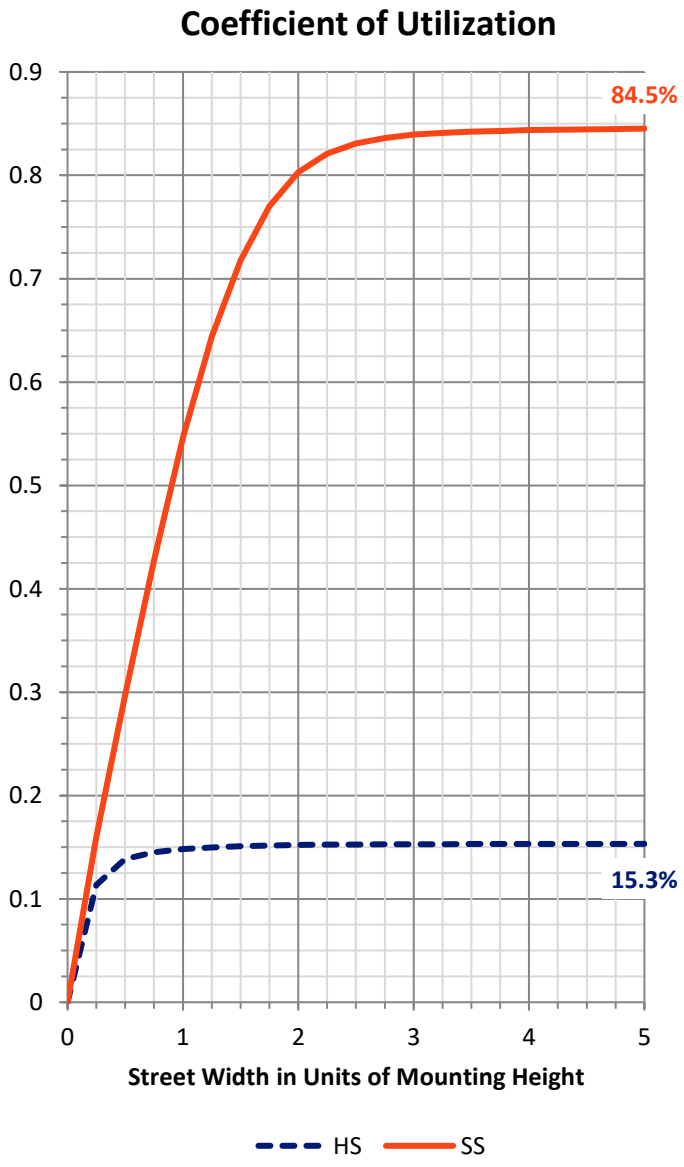
REPORT NUMBER: P1502285
CATALOG NUMBER: GSS-SB1A-830-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	473.3	0.0	473.3
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	2588.9	0.0	2588.9
	% Fixture	84.5	0.0	84.5
Total	Lumens	3062.2	0.0	3062.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.2	1.2
10°-20°	98.1	3.2
20°-30°	196.1	6.4
30°-40°	406.1	13.3
40°-50°	678.4	22.2
50°-60°	860.4	28.1
60°-70°	643.2	21.0
70°-80°	136.2	4.4
80°-90°	7.3	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°	3062.2	100.0
0°-180°	3062.2	100.0



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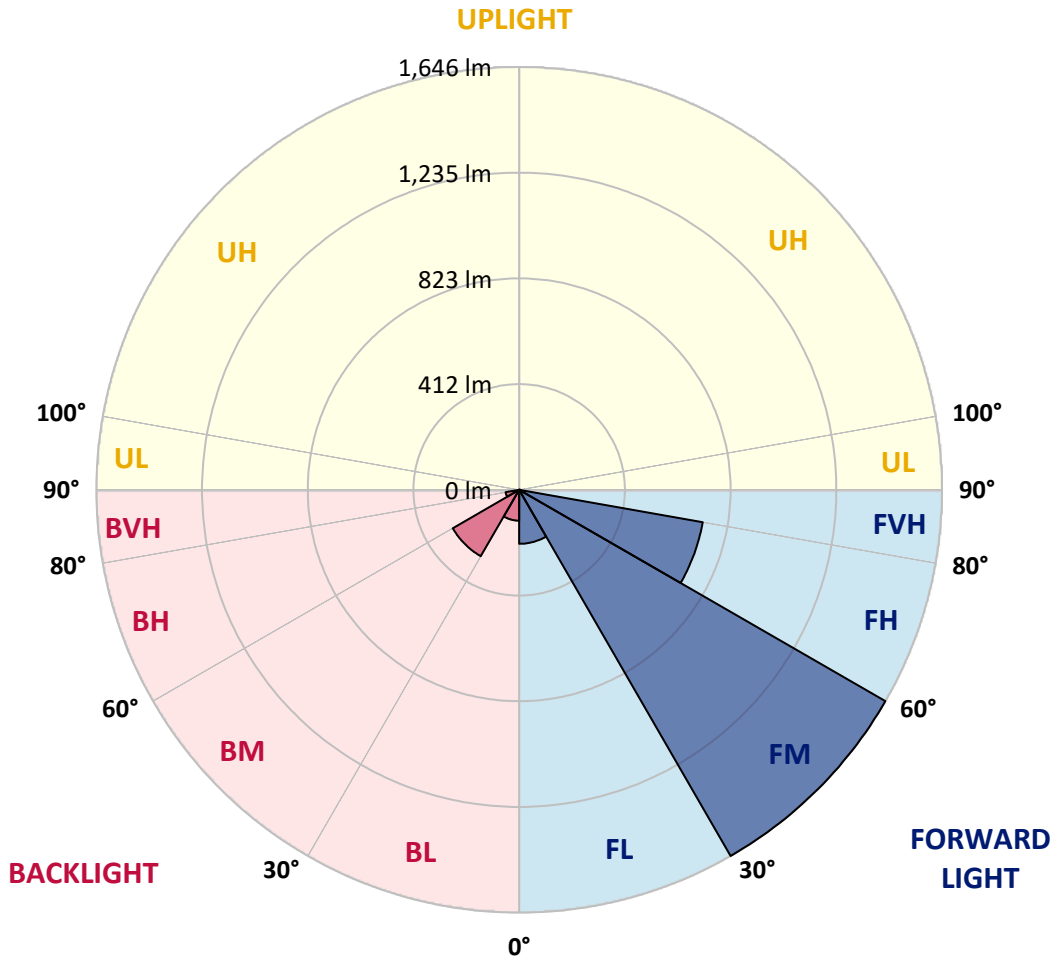
Scaled Data Report

REPORT NUMBER: P1502285
CATALOG NUMBER: GSS-SB1A-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°)	210.3	6.9			
FM	(30°-60°)	1646.3	53.8			
FH	(60°-80°)	725.7	23.7			G1/1800
FVH	(80°-90°)	6.6	0.2			G0/10
BL	(0°-30°)	120.1	3.9	B1/500		
BM	(30°-60°)	298.6	9.8	B1/1000		
BH	(60°-80°)	53.7	1.8	B0/110		G0/110
BVH	(80°-90°)	0.8	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	399.8	399.8	399.8	399.8	399.8	399.8	399.8	399.8	399.8	*399.8*	399.8
2.5°	389.0	389.8	388.1	389.0	390.6	389.8	393.1	395.6	398.1	*398.9*	399.8
5°	354.9	355.7	356.6	363.2	367.4	377.3	386.5	392.3	400.6	*404.8*	405.6
7.5°	314.2	314.2	317.5	325.8	336.6	355.7	376.5	393.1	408.9	*417.2*	418.9
10°	306.7	307.5	307.5	313.3	322.5	341.6	368.2	401.4	429.7	*442.2*	446.3
12.5°	308.3	309.2	310.0	315.8	325.0	341.6	375.7	418.9	462.9	*483.7*	486.2
15°	312.5	314.2	316.7	324.1	334.1	355.7	391.5	443.8	502.8	*529.4*	536.1
17.5°	325.0	325.8	330.0	338.3	354.1	375.7	414.7	476.2	558.5	*587.6*	600.1
20°	344.1	345.7	351.6	363.2	381.5	408.9	452.1	518.6	618.4	*663.2*	673.2
22.5°	368.2	368.2	376.5	394.8	420.5	451.3	503.7	575.1	691.5	*743.9*	760.5
25°	408.1	407.2	413.9	434.7	465.4	510.3	563.5	642.5	768.0	*830.3*	847.7
27.5°	499.5	497.0	494.5	495.3	521.9	579.3	640.8	727.2	862.7	*935.8*	949.1
30°	605.9	609.2	605.9	597.6	601.7	654.9	731.4	831.1	969.1	*1051.4*	1068.8
32.5°	699.0	700.6	714.8	723.9	727.2	752.2	836.1	956.6	1104.6	*1194.3*	1216.8
35°	800.4	802.9	818.7	837.8	867.7	890.1	967.4	1102.1	1242.5	*1355.6*	1372.2
37.5°	918.4	922.5	943.3	970.7	1012.3	1063.8	1105.4	1234.2	1383.0	*1513.5*	1530.9
40°	1022.3	1035.6	1071.3	1106.2	1150.3	1208.4	1235.9	1349.7	1486.9	*1653.1*	1682.2
42.5°	1120.3	1127.8	1185.2	1239.2	1291.6	1338.9	1365.5	1440.3	1579.1	*1782.8*	1815.2
45°	1201.8	1207.6	1271.6	1343.1	1407.9	1455.3	1459.4	1528.4	1670.5	*1919.9*	1944.8
47.5°	1251.7	1260.8	1343.1	1424.5	1496.0	1540.1	1533.4	1640.6	1770.3	*2079.5*	2082.8
50°	1281.6	1287.4	1371.3	1476.9	1565.0	1595.7	1609.9	1747.8	1860.9	*2230.7*	2210.8
52.5°	1303.2	1312.3	1394.6	1506.8	1605.7	1647.3	1698.0	1868.4	1932.4	*2354.6*	2301.4
55°	*1235.9*	*1249.2*	*1391.3*	*1520.1*	*1640.6*	*1710.4*	*1810.2*	*1967.3*	*1940.7*	*2410.2*	*2313.0*
57.5°	1160.2	1162.7	1303.2	1516.0	1679.7	1776.9	1913.2	1974.7	1863.4	*2308.8*	2195.0
60°	1048.9	1063.8	1207.6	1461.9	1686.3	1830.1	1983.1	1884.1	1722.1	*2121.0*	1949.8
62.5°	736.4	759.6	947.5	1319.8	1639.0	1859.2	1971.4	1726.2	1545.1	*1831.0*	1639.0
65°	412.2	432.2	585.9	1064.7	1508.5	1852.6	1851.7	1515.1	1260.8	*1323.1*	1171.9
67.5°	226.1	241.9	304.2	801.2	1196.8	1710.4	1599.9	1156.1	845.2	*840.3*	731.4
70°	157.9	158.7	192.0	541.1	860.2	1193.5	1250.8	775.4	524.4	*463.8*	391.5
72.5°	77.3	78.1	95.6	255.2	526.1	661.6	857.7	403.1	294.2	*230.2*	196.1
75°	39.1	38.2	52.4	95.6	217.8	322.5	378.2	202.0	171.2	*126.3*	112.2
77.5°	24.9	25.8	30.8	52.4	98.1	125.5	116.4	109.7	100.6	*74.0*	64.0
80°	16.6	16.6	20.8	33.2	48.2	59.8	35.7	50.7	59.0	*43.2*	37.4
82.5°	5.0	5.0	12.5	18.3	23.3	24.1	15.8	23.3	33.2	*24.1*	18.3
85°	3.3	3.3	6.6	9.1	10.0	8.3	5.0	10.0	15.8	*10.8*	9.1
87.5°	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	*0.8*	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: P1502285
CATALOG NUMBER: GSS-SB1A-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	399.8	399.8	399.8	399.8	399.8	399.8	399.8	399.8	399.8	399.8	399.8
2.5°	400.6	401.4	403.9	404.8	406.4	407.2	407.2	407.2	406.4	407.2	408.9
5°	407.2	411.4	414.7	413.9	413.9	409.7	406.4	399.8	396.4	395.6	396.4
7.5°	423.9	427.2	430.5	425.5	413.1	394.0	373.2	356.6	342.4	335.8	338.3
10°	453.8	457.9	457.9	434.7	399.8	354.9	317.5	286.7	263.5	251.0	256.8
12.5°	497.0	500.3	492.0	443.0	376.5	302.5	240.2	188.7	158.7	143.8	140.5
15°	546.9	551.9	523.6	441.3	339.9	226.1	149.6	112.2	101.4	98.1	98.9
17.5°	610.9	613.4	558.5	428.0	276.8	147.9	106.4	95.6	93.1	91.4	91.4
20°	689.8	682.3	586.8	405.6	202.0	116.4	98.1	89.8	87.3	86.4	87.3
22.5°	774.6	763.0	610.0	363.2	152.9	109.7	93.9	84.8	81.4	80.6	80.6
25°	863.5	836.9	628.3	300.9	143.0	108.0	88.9	77.3	74.0	72.3	72.3
27.5°	964.9	919.2	638.3	251.8	145.4	105.6	83.1	70.6	65.7	64.0	64.0
30°	1077.1	1010.6	639.1	241.9	150.4	102.2	77.3	63.2	58.2	55.7	56.5
32.5°	1213.4	1103.7	636.6	257.6	153.8	99.7	70.6	55.7	51.5	49.0	49.0
35°	1354.7	1216.8	626.7	287.6	155.4	92.3	62.3	49.0	44.0	43.2	44.0
37.5°	1495.2	1324.0	612.5	304.2	147.1	75.6	50.7	42.4	39.1	39.1	39.1
40°	1623.2	1417.1	593.4	290.1	117.2	54.9	41.6	36.6	34.9	34.1	34.9
42.5°	1718.8	1500.2	558.5	244.3	83.1	44.0	36.6	32.4	30.8	30.8	31.6
45°	1823.5	1580.0	491.2	179.5	63.2	38.2	31.6	28.3	27.4	27.4	28.3
47.5°	1929.0	1644.0	426.4	119.7	54.9	34.1	28.3	25.8	24.9	24.1	24.9
50°	2009.6	1674.7	341.6	87.3	49.9	30.8	25.8	24.1	22.4	21.6	21.6
52.5°	2067.0	1666.4	250.2	74.8	45.7	28.3	24.1	22.4	19.9	19.9	19.9
55°	*2032.1*	*1560.0*	*180.4*	*67.3*	*42.4*	*26.6*	*23.3*	*20.8*	*19.1*	*18.3*	*18.3*
57.5°	1862.5	1329.8	130.5	60.7	37.4	24.9	22.4	19.9	17.5	16.6	16.6
60°	1619.0	1035.6	97.2	53.2	32.4	24.1	19.9	19.1	16.6	15.0	15.0
62.5°	1323.1	753.8	75.6	45.7	29.1	20.8	19.1	17.5	15.0	13.3	12.5
65°	918.4	481.2	58.2	37.4	27.4	18.3	17.5	15.0	12.5	10.0	10.0
67.5°	566.8	285.9	44.9	29.1	21.6	15.8	15.0	13.3	10.8	8.3	8.3
70°	313.3	151.3	30.8	21.6	16.6	12.5	11.6	11.6	9.1	7.5	6.6
72.5°	150.4	82.3	20.8	18.3	12.5	8.3	9.1	9.1	7.5	5.8	5.8
75°	90.6	49.0	14.1	14.1	8.3	6.6	6.6	7.5	5.8	4.2	4.2
77.5°	51.5	29.1	8.3	10.8	5.8	4.2	5.0	4.2	3.3	2.5	2.5
80°	29.1	16.6	5.0	7.5	3.3	2.5	2.5	1.7	1.7	0.8	0.8
82.5°	14.1	9.1	2.5	2.5	1.7	0.8	0.8	0.8	0.8	0.0	0.0
85°	6.6	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	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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Peachtree City, GA 30269

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

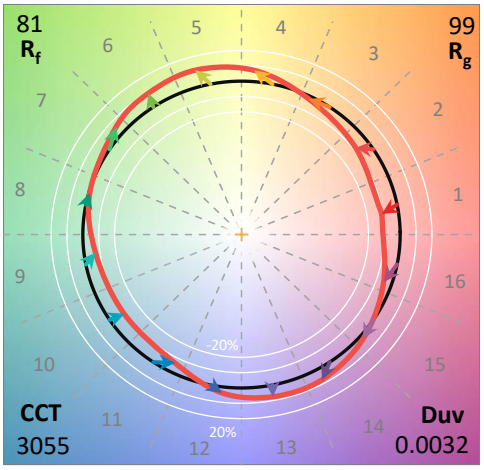
Test Information

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

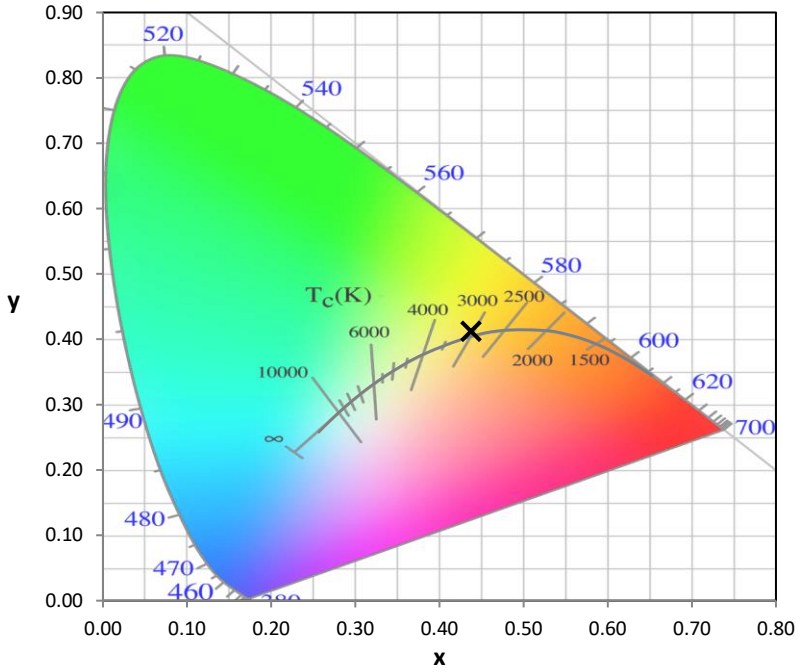
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

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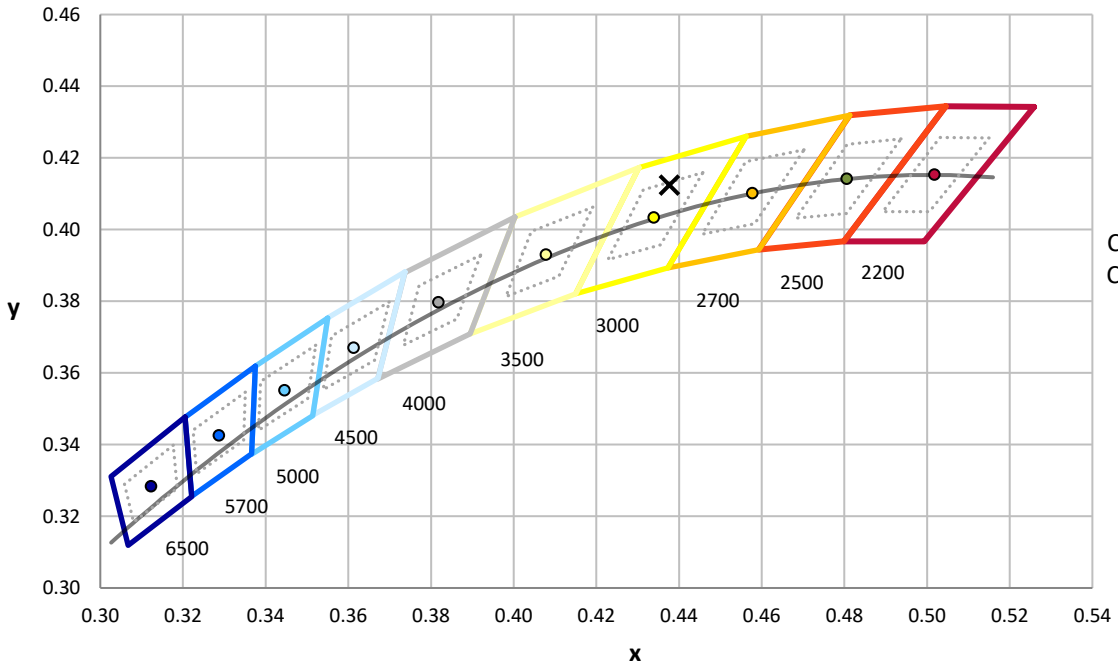
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

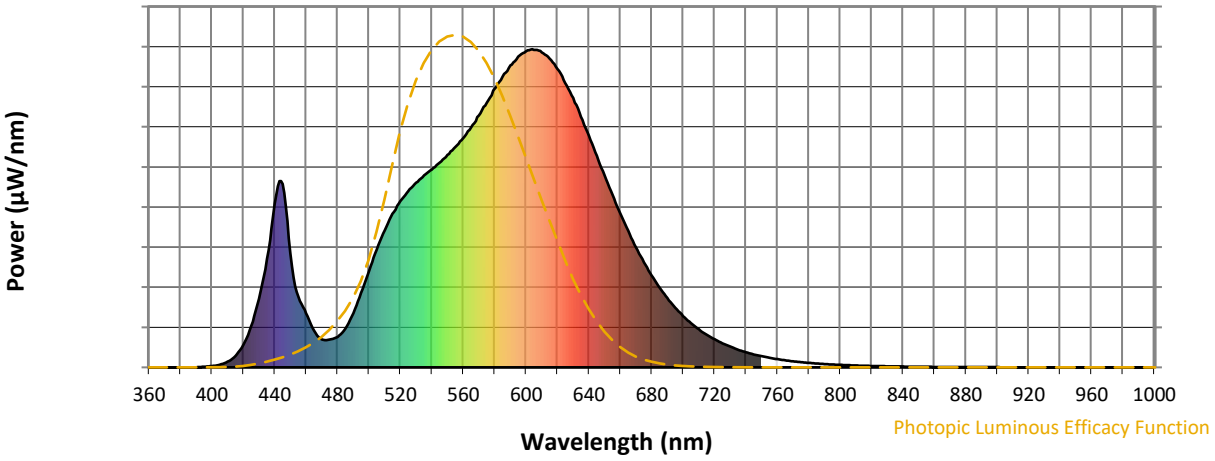


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

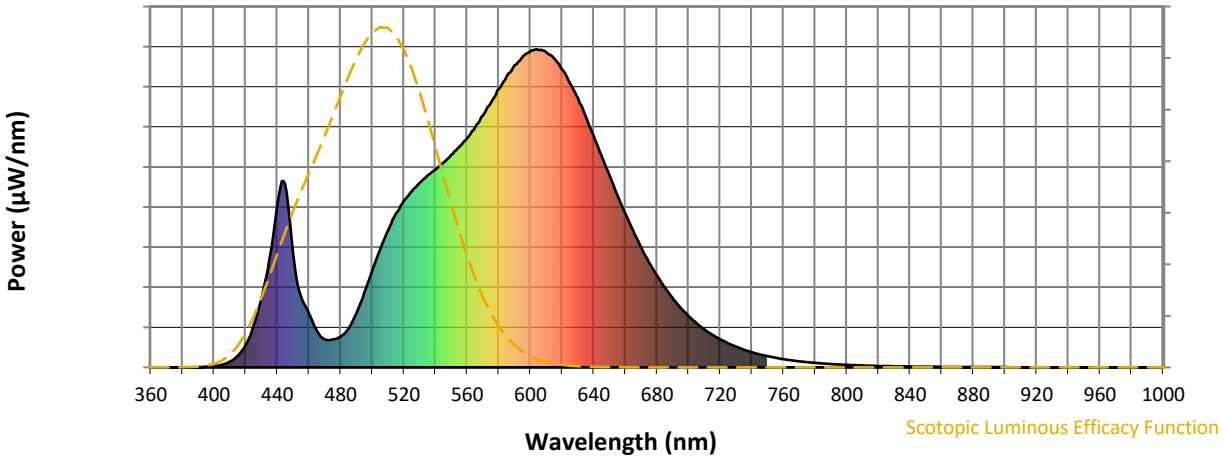


Photopic Lumens: NR

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

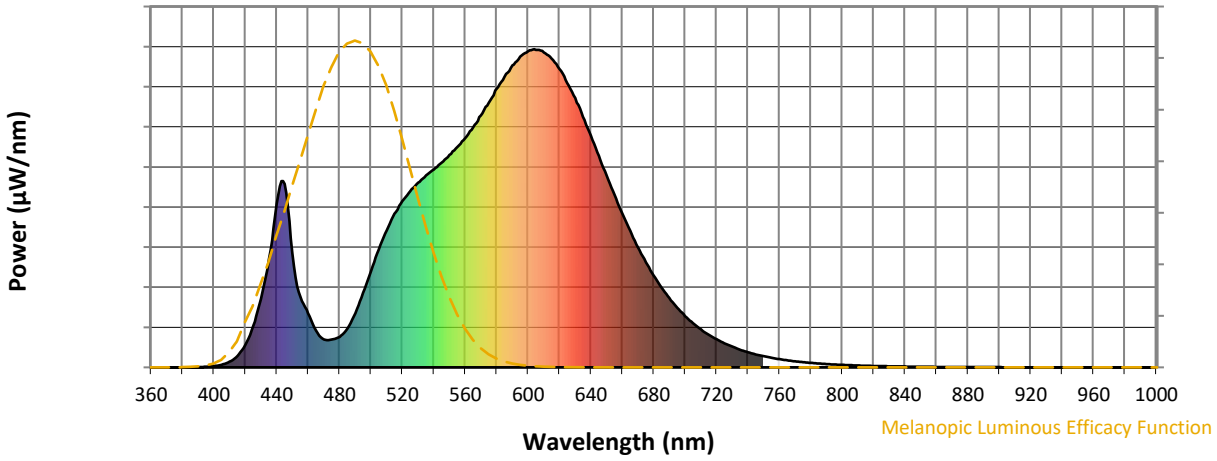


Scotopic Lumens: NR **S/P: 1.28**

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			

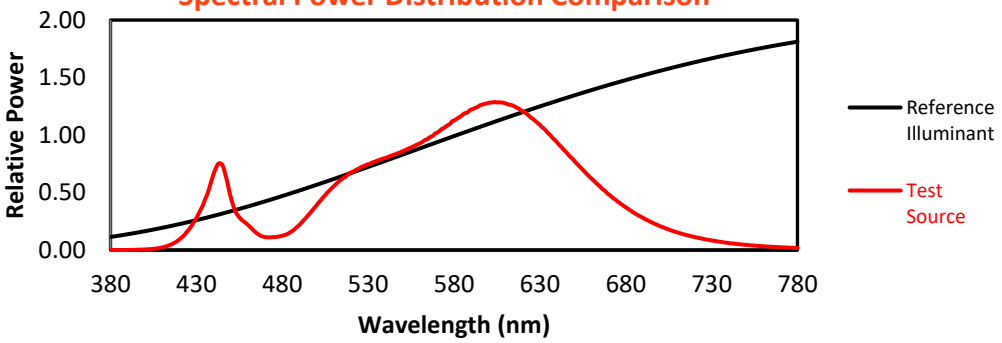
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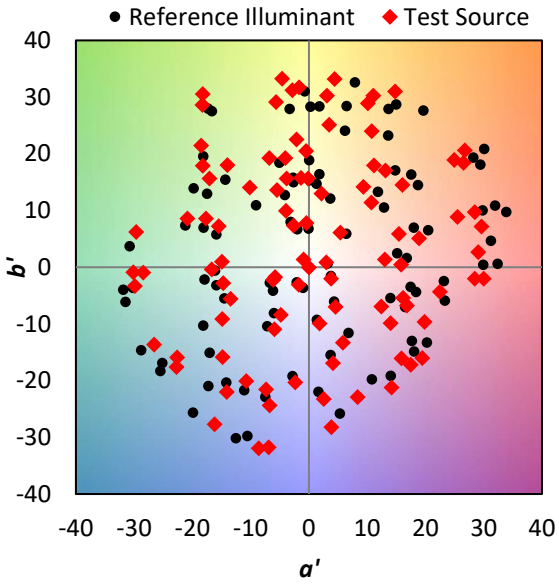
Summary

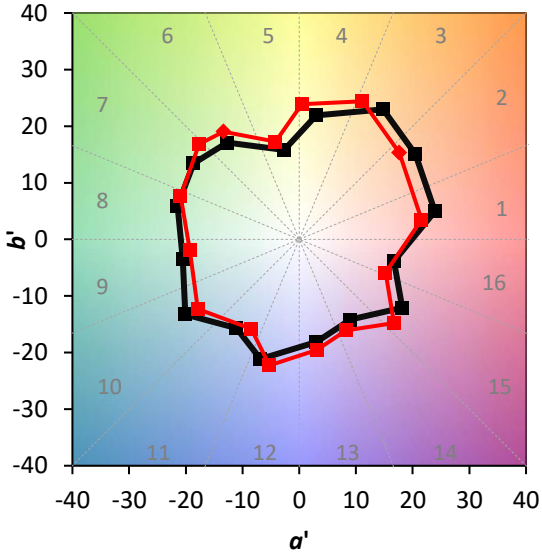
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

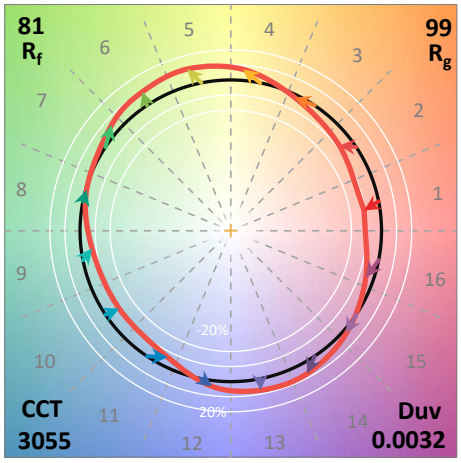
Spectral Power Distribution Comparison

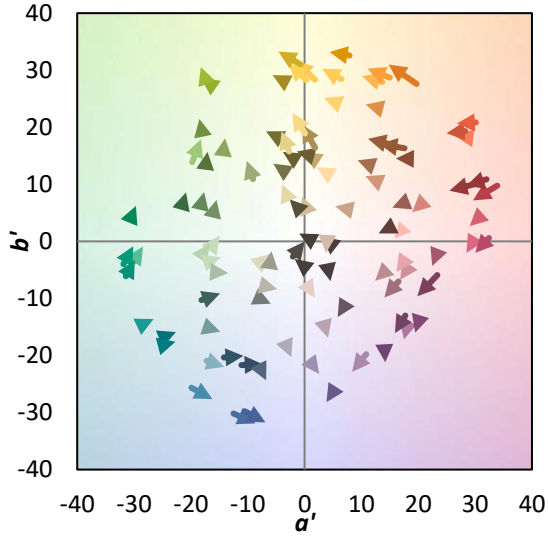


Color Vector Graphics







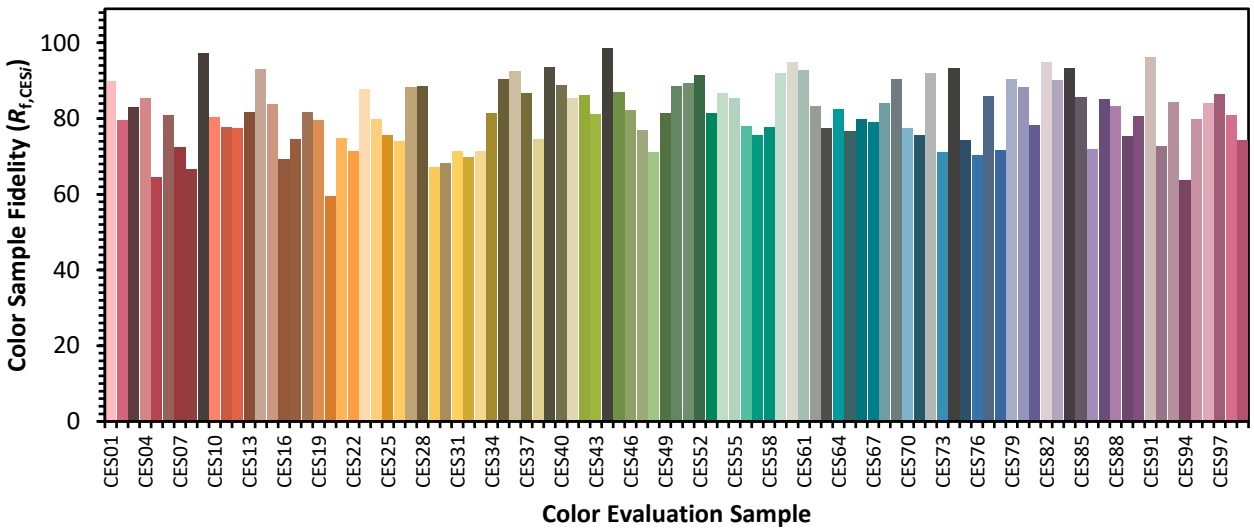


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Individual Sample Fidelity Index ($R_{f,i}$)

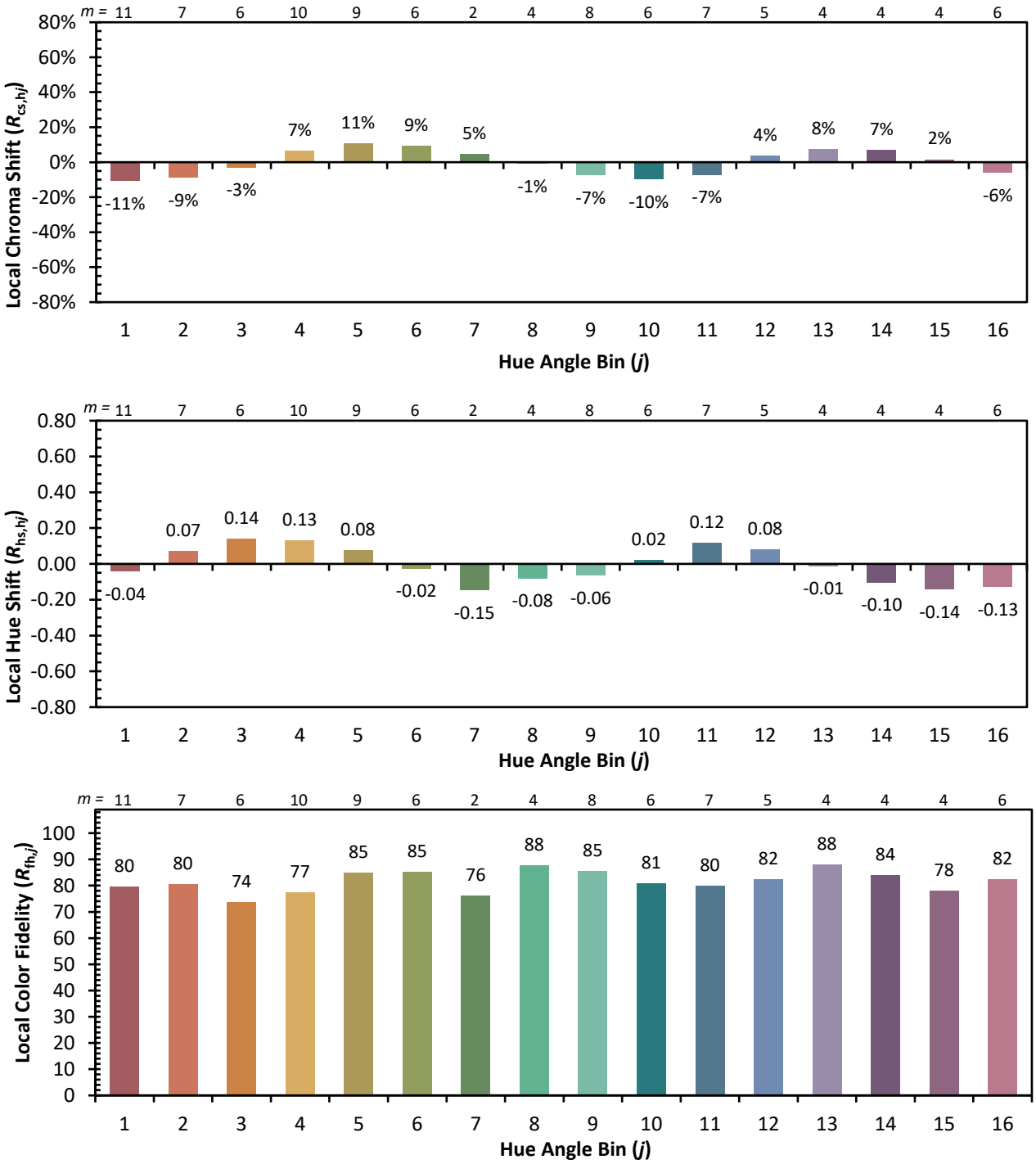
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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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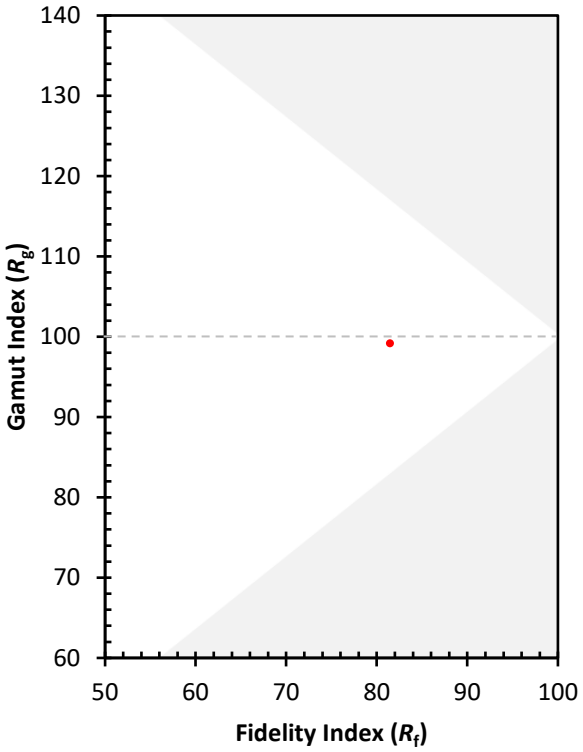
Color Rendition by Hue-Angle Bin

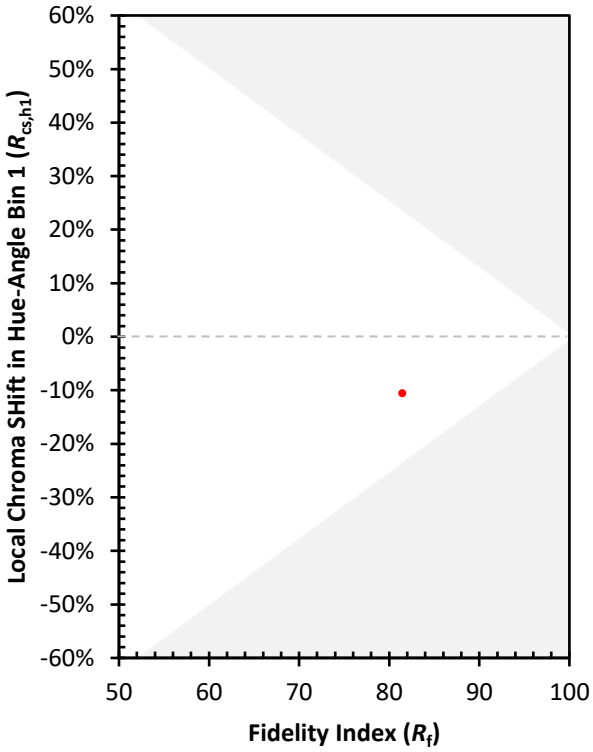


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Measure Comparisons





(END OF REPORT)