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: P1502669

Luminaire Tested: GSS-SB1A-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:	P1502669
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 80CRI 3000K FIXTURE w/ TYPE IV 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:	2949.4 lumens
Efficiency:	N/A
Efficacy:	95.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G1

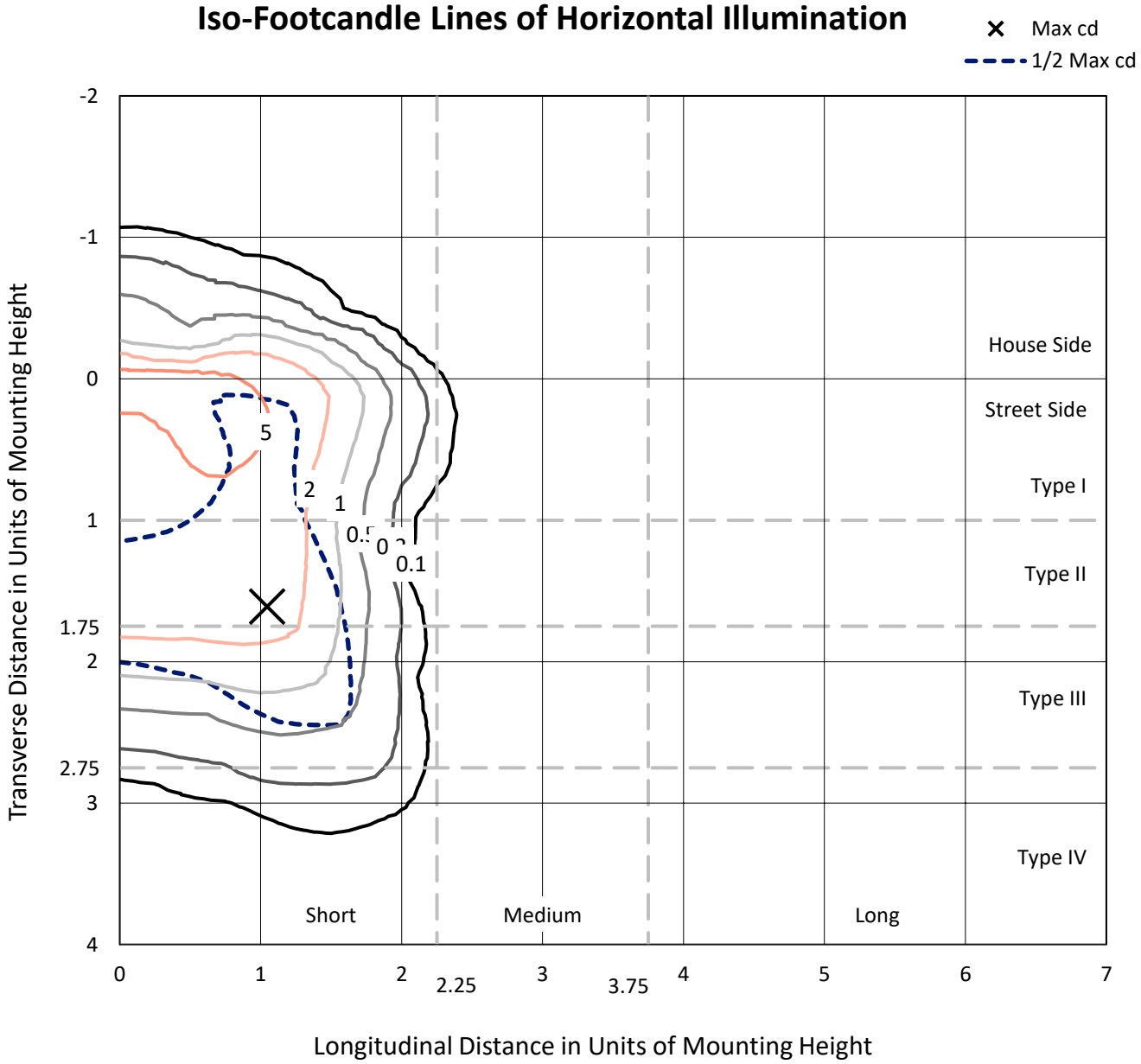
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502669
CATALOG NUMBER: GSS-SB1A-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



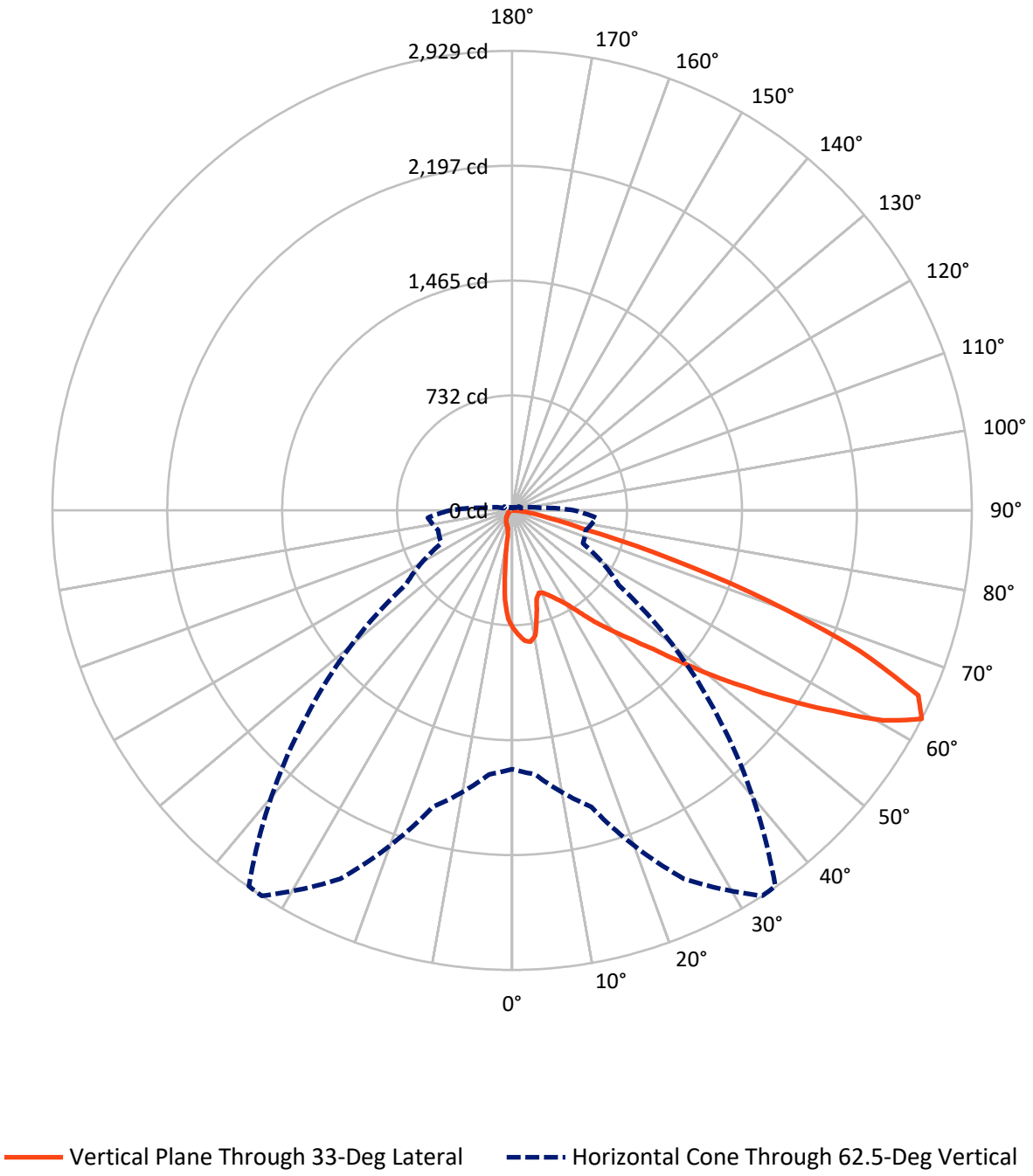
Based on 10 foot mounting height. Maximum calculated value = 8.9 fc
Type III - Short - N/A

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REPORT NUMBER: P1502669
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Luminous Intensity Polar Plot



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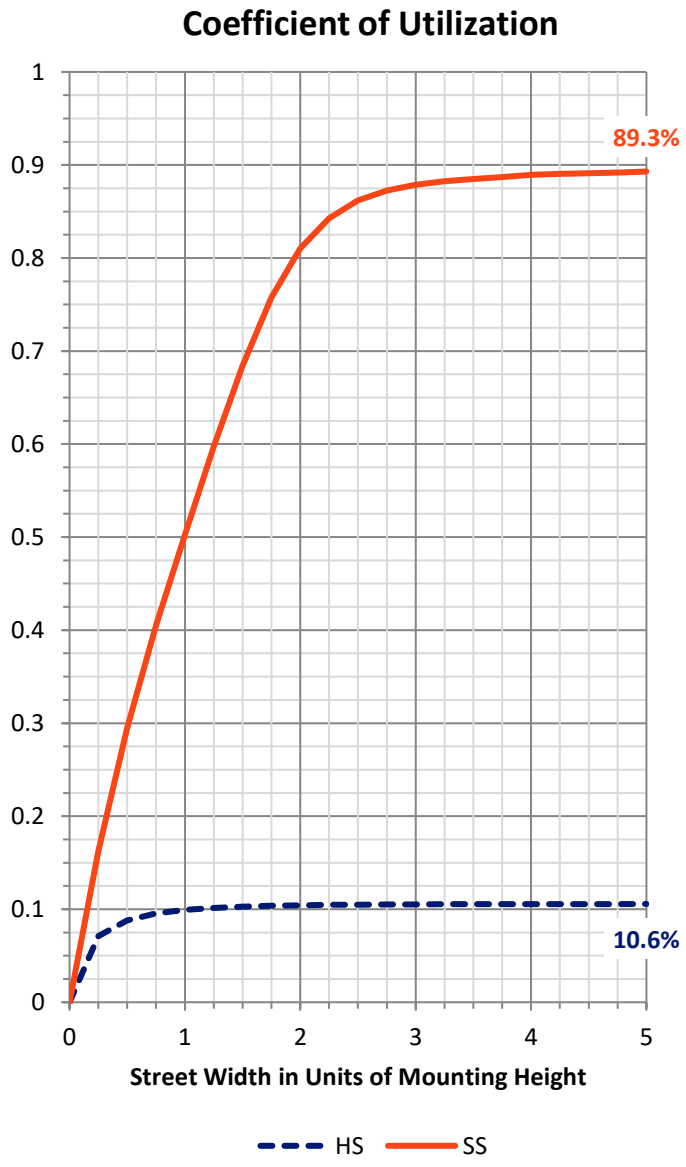
REPORT NUMBER: P1502669
CATALOG NUMBER: GSS-SB1A-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	313.8	0.0	313.8
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	2635.6	0.0	2635.6
	% Fixture	89.4	0.0	89.4
Total	Lumens	2949.4	0.0	2949.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.7	2.2
10°-20°	142.1	4.8
20°-30°	229.1	7.8
30°-40°	381.1	12.9
40°-50°	602.3	20.4
50°-60°	809.2	27.4
60°-70°	594.1	20.1
70°-80°	117.6	4.0
80°-90°	10.2	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°	2949.4	100.0
0°-180°	2949.4	100.0



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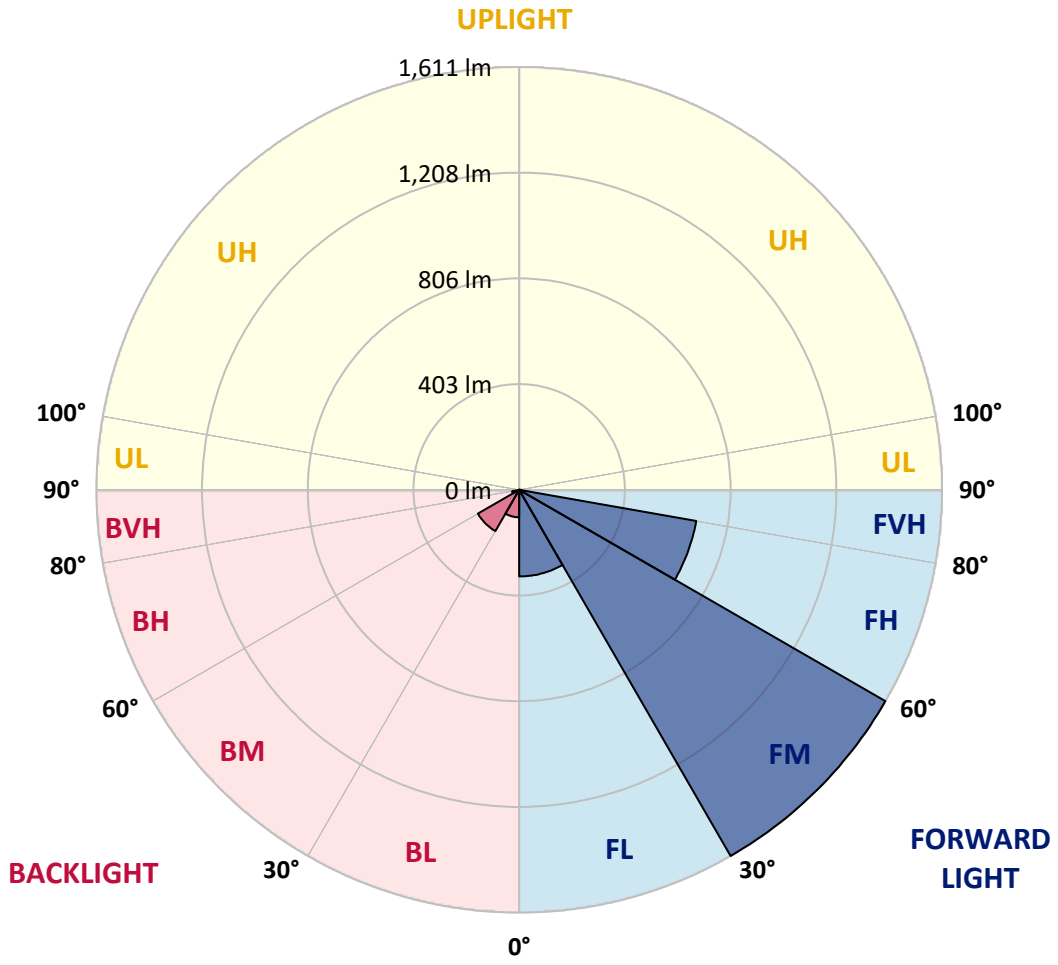
Scaled Data Report

REPORT NUMBER: P1502669
CATALOG NUMBER: GSS-SB1A-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°)	330.2	11.2			
FM	(30°-60°)	1611.1	54.6			
FH	(60°-80°)	684.8	23.2			G1/1800
FVH	(80°-90°)	9.5	0.3			G0/10
BL	(0°-30°)	104.7	3.6	B0/110		
BM	(30°-60°)	181.5	6.2	B0/220		
BH	(60°-80°)	26.8	0.9	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: B0-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	749.2	749.2	749.2	749.2	*749.2*	749.2	749.2	749.2	749.2	749.2	749.2
2.5°	798.2	801.5	801.5	794.9	*793.2*	789.9	786.6	785.7	774.9	766.6	758.3
5°	838.9	838.1	837.2	833.9	*834.7*	830.6	828.1	823.9	805.7	793.2	770.8
7.5°	821.4	828.9	832.2	841.4	*845.5*	844.7	851.3	853.0	837.2	819.8	785.7
10°	707.7	703.5	733.4	772.4	*811.5*	820.6	856.3	875.4	869.6	853.8	809.8
12.5°	560.6	564.8	585.6	631.2	*695.2*	715.1	818.1	893.7	910.3	900.3	843.0
15°	513.3	513.3	524.1	545.7	*583.9*	603.0	730.1	891.2	953.5	954.3	884.6
17.5°	503.3	505.0	514.1	528.2	*553.2*	561.5	650.3	854.7	995.9	1010.8	931.1
20°	505.0	507.5	517.5	537.4	*561.5*	571.4	629.6	808.2	1031.6	1072.3	980.1
22.5°	510.8	510.0	527.4	554.0	*584.7*	593.9	647.0	789.0	1061.5	1142.9	1037.4
25°	517.5	518.3	540.7	578.1	*615.5*	626.3	686.1	806.5	1083.1	1218.5	1095.5
27.5°	537.4	539.9	567.3	608.0	*652.0*	666.1	736.7	852.2	1120.4	1291.5	1158.7
30°	568.1	570.6	602.2	651.2	*698.5*	720.1	799.8	909.5	1176.1	1376.3	1223.4
32.5°	603.8	607.2	647.9	704.3	*761.6*	782.4	872.1	996.7	1250.0	1462.6	1290.7
35°	648.7	657.8	701.8	769.1	*846.4*	866.3	961.0	1095.5	1346.4	1539.9	1348.0
37.5°	710.1	717.6	771.6	855.5	*933.6*	960.1	1060.6	1199.4	1433.6	1608.8	1394.5
40°	784.9	791.5	852.2	943.5	*1024.9*	1047.4	1165.3	1304.0	1527.4	1647.0	1404.5
42.5°	909.5	927.8	966.0	1043.2	*1130.4*	1158.7	1281.6	1405.3	1595.5	1654.5	1388.7
45°	1127.1	1132.9	1141.2	1177.8	*1261.6*	1286.6	1404.5	1493.4	1636.2	1656.2	1374.6
47.5°	1335.6	1355.5	1367.1	1383.7	*1434.4*	1443.5	1533.2	1572.3	1668.6	1650.4	1374.6
50°	1544.0	1559.0	1578.9	1598.9	*1652.9*	1656.2	1669.5	1625.4	1670.3	1603.0	1366.3
52.5°	1733.4	1738.4	1772.5	1810.7	*1877.9*	1896.2	1795.7	1664.5	1569.8	1453.5	1327.3
55°	1902.9	1909.5	1961.0	2039.1	*2135.4*	2159.5	1950.2	1588.9	1354.7	1260.0	1236.7
57.5°	2012.5	2028.3	2131.3	2303.2	*2412.0*	2401.2	2069.8	1412.0	1088.1	1030.7	1076.4
60°	1957.7	1979.3	2196.0	2525.0	*2718.5*	2686.9	2036.6	1162.0	804.0	762.5	852.2
62.5°	*1649.5*	*1689.4*	*1957.7*	*2590.6*	*2929.4*	*2924.5*	*1848.9*	*828.9*	*498.3*	*487.5*	*538.2*
65°	1147.0	1216.0	1534.1	2371.3	*2844.7*	2852.2	1556.5	482.6	230.9	286.5	314.8
67.5°	676.1	725.1	988.4	1936.1	*2387.1*	2318.1	1058.2	223.4	115.5	174.4	166.9
70°	297.3	330.6	566.5	1341.4	*1739.2*	1627.9	516.6	108.8	88.0	105.5	92.2
72.5°	163.6	178.6	298.2	708.5	*1058.2*	1005.8	174.4	72.3	75.6	78.9	66.4
75°	91.4	98.0	157.0	409.5	*465.1*	432.7	84.7	47.3	64.0	64.0	49.0
77.5°	53.2	59.0	98.0	255.0	*255.0*	206.0	51.5	29.9	48.2	43.2	26.6
80°	24.9	28.2	54.0	141.2	*161.1*	132.9	29.1	20.8	31.6	27.4	17.4
82.5°	7.5	9.1	26.6	54.8	*91.4*	78.1	15.0	13.3	23.3	17.4	10.0
85°	5.0	5.8	13.3	22.4	*44.9*	39.0	5.0	4.2	10.0	8.3	4.2
87.5°	0.8	0.8	1.7	1.7	*1.7*	1.7	0.8	0.8	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: P1502669
CATALOG NUMBER: GSS-SB1A-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	749.2	749.2	749.2	749.2	749.2	749.2	749.2	749.2	749.2	749.2	749.2
2.5°	753.3	747.5	734.2	721.8	715.1	700.2	694.4	687.7	684.4	683.6	678.6
5°	756.7	745.9	712.6	679.4	644.5	611.3	577.3	547.4	523.3	524.1	524.9
7.5°	766.6	745.0	686.9	620.4	545.7	459.3	367.1	298.2	254.2	245.0	236.7
10°	779.9	748.4	655.3	532.4	385.4	242.5	171.1	146.2	135.4	132.9	133.7
12.5°	804.8	756.7	615.5	411.1	213.5	139.5	123.8	119.6	117.9	117.9	117.9
15°	835.6	768.3	553.2	269.1	139.5	116.3	113.0	112.1	110.5	110.5	111.3
17.5°	861.3	768.3	470.9	175.3	114.6	108.0	105.5	104.7	104.7	105.5	104.7
20°	889.5	762.5	378.7	132.1	106.3	100.5	98.8	98.8	98.8	99.7	99.7
22.5°	918.6	752.5	293.2	113.0	98.8	93.9	93.0	93.9	94.7	95.5	95.5
25°	951.0	740.0	231.7	104.7	92.2	88.0	88.0	88.0	88.9	90.5	91.4
27.5°	986.7	729.2	198.5	99.7	86.4	82.2	82.2	83.1	84.7	85.5	86.4
30°	1019.9	729.2	187.7	102.2	83.9	78.9	77.2	78.1	79.7	81.4	81.4
32.5°	1061.5	737.6	193.5	113.0	83.1	73.9	72.3	72.3	73.9	74.8	74.8
35°	1096.4	753.3	213.5	127.9	86.4	69.8	66.4	65.6	67.3	66.4	67.3
37.5°	1124.6	774.9	250.0	147.8	93.0	64.8	60.6	58.1	58.1	58.1	58.1
40°	1132.9	796.5	296.5	161.1	92.2	59.0	53.2	50.7	49.8	49.0	49.0
42.5°	1121.3	806.5	333.9	160.3	82.2	54.8	47.3	44.0	41.5	40.7	40.7
45°	1112.1	811.5	347.2	139.5	74.8	49.8	42.4	38.2	35.7	34.9	34.1
47.5°	1113.0	816.5	327.2	113.8	68.1	45.7	38.2	34.1	31.6	30.7	29.9
50°	1116.3	808.2	277.4	94.7	62.3	41.5	34.1	30.7	28.2	27.4	26.6
52.5°	1081.4	764.1	195.2	83.1	57.3	39.0	30.7	28.2	25.7	24.9	24.9
55°	990.0	658.6	132.1	73.9	53.2	35.7	28.2	26.6	24.1	22.4	22.4
57.5°	843.9	496.7	91.4	67.3	46.5	32.4	26.6	24.1	21.6	19.9	19.9
60°	645.4	323.9	66.4	61.5	38.2	29.9	24.9	23.3	19.9	18.3	17.4
62.5°	*392.9*	*181.9*	*54.0*	*54.0*	*32.4*	*28.2*	*22.4*	*20.8*	*17.4*	*15.0*	*14.1*
65°	227.6	107.1	44.0	45.7	28.2	25.7	19.9	17.4	14.1	11.6	10.8
67.5°	109.6	62.3	34.9	32.4	24.9	21.6	17.4	15.0	12.5	10.0	9.1
70°	67.3	48.2	26.6	23.3	19.9	16.6	14.1	13.3	10.8	8.3	8.3
72.5°	54.8	39.0	20.8	16.6	15.0	11.6	11.6	10.8	8.3	6.6	5.8
75°	43.2	29.1	15.8	11.6	9.1	9.1	8.3	7.5	6.6	5.0	5.0
77.5°	23.3	19.9	11.6	6.6	5.0	5.8	5.8	5.0	4.2	3.3	3.3
80°	15.0	11.6	6.6	3.3	3.3	3.3	3.3	2.5	2.5	1.7	1.7
82.5°	7.5	5.8	3.3	0.8	1.7	1.7	1.7	1.7	1.7	0.8	0.8
85°	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8
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

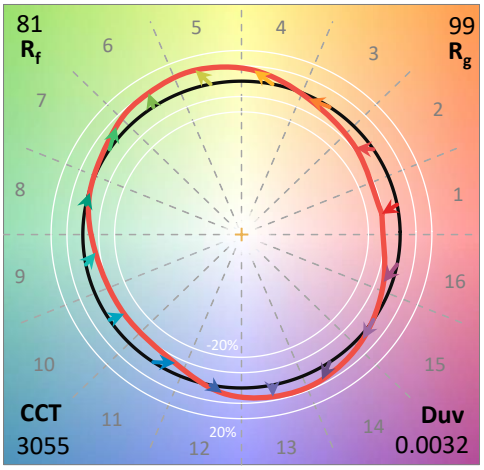
Test Information

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

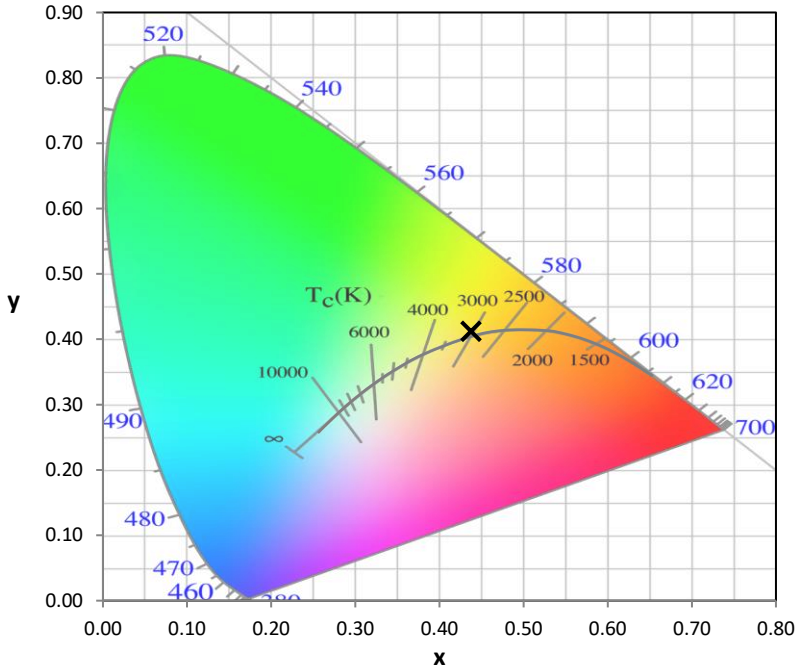
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

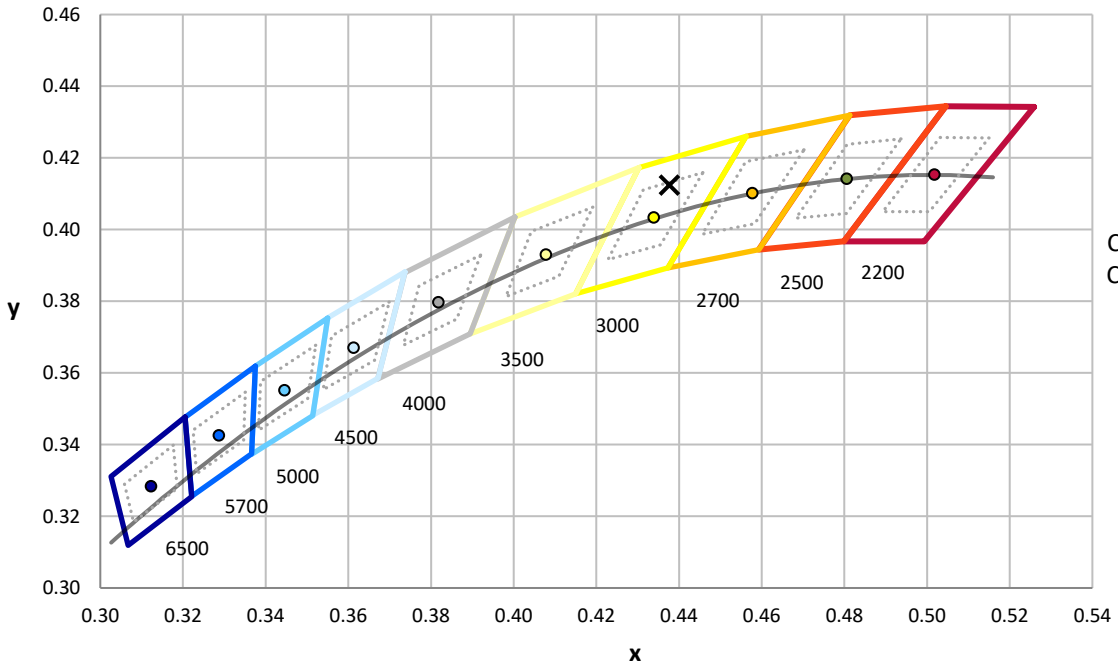
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

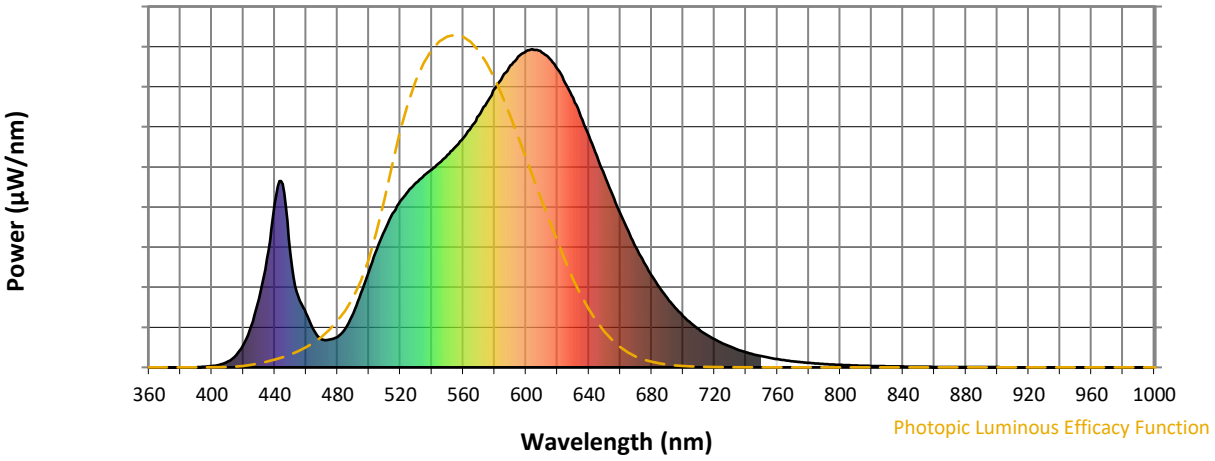


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

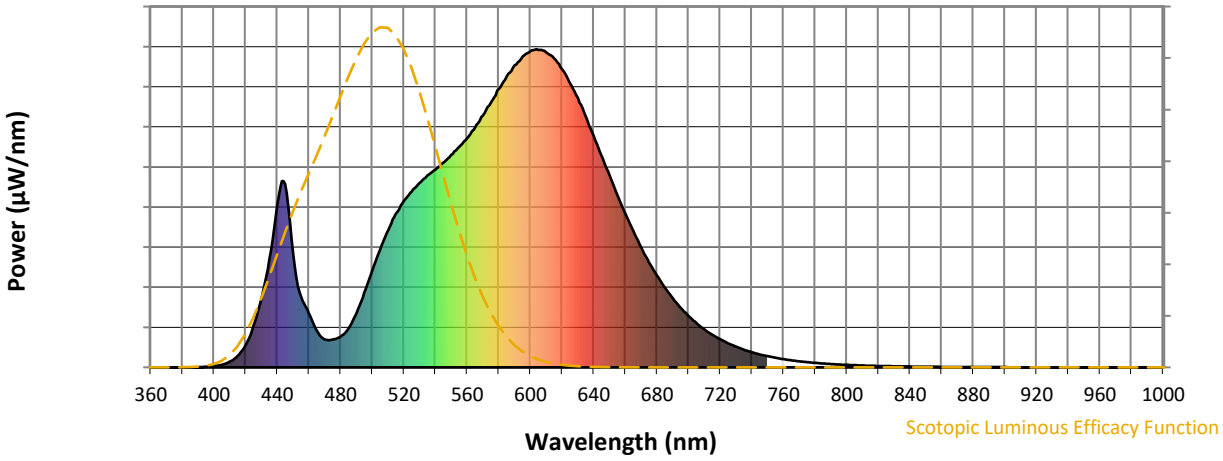


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength

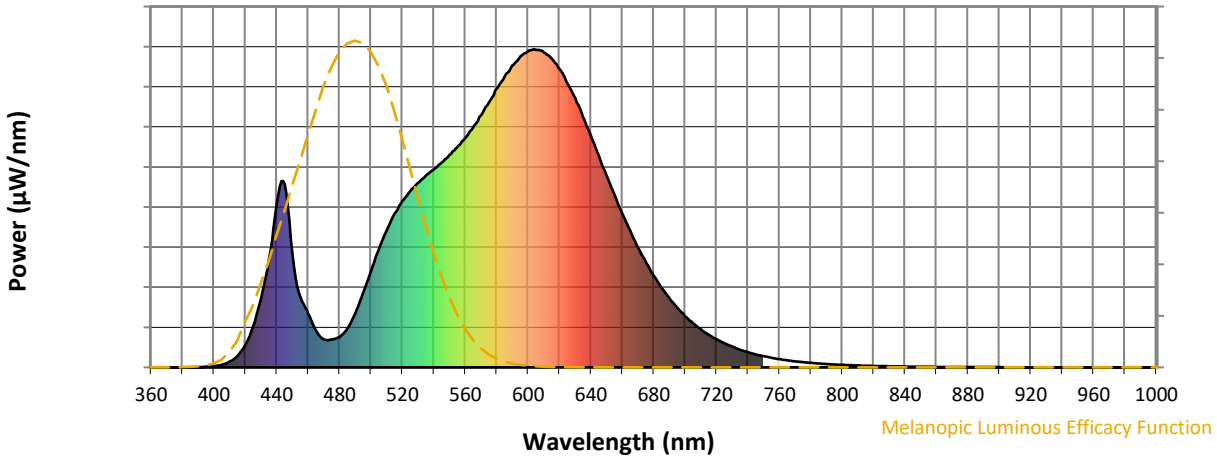


Scotopic Lumens: NR **S/P: 1.28**

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			

REPORT NUMBER: SP1-2407-184-9

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			

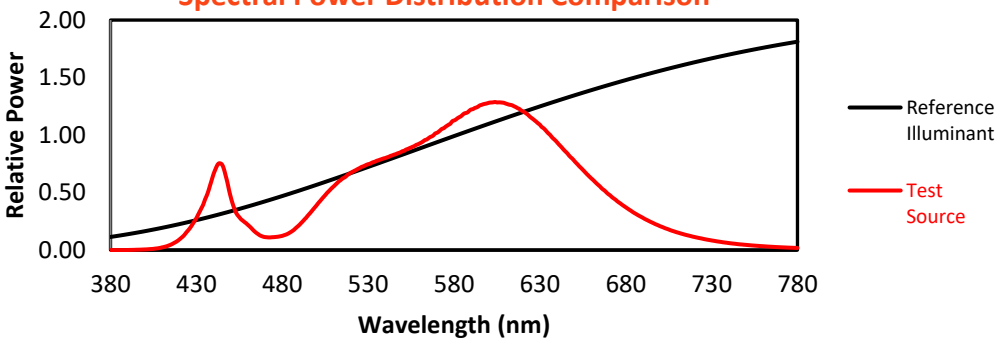
REPORT NUMBER: SP1-2407-184-9

TM-30-18

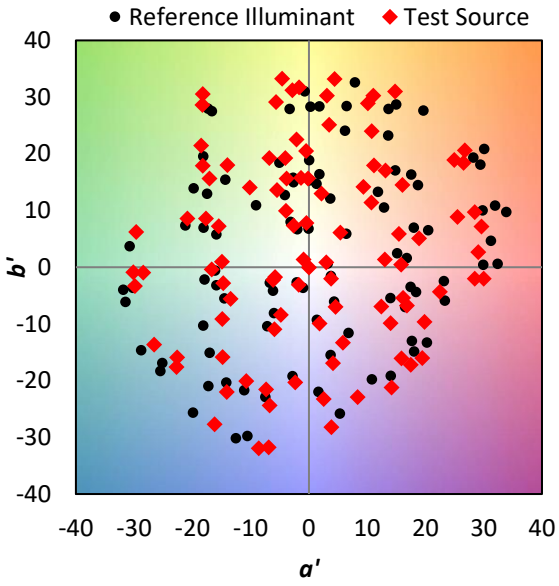
Summary

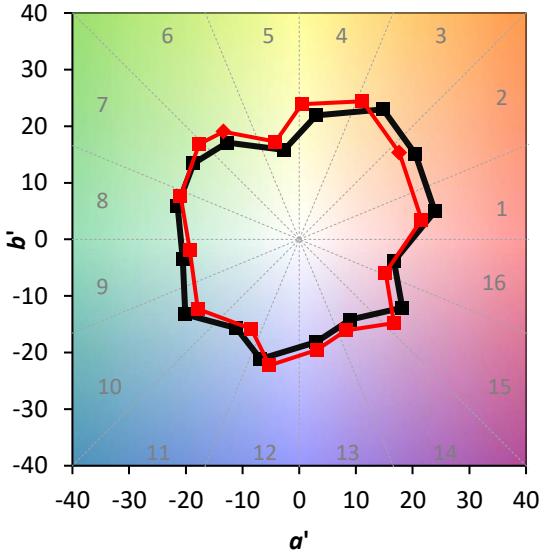
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

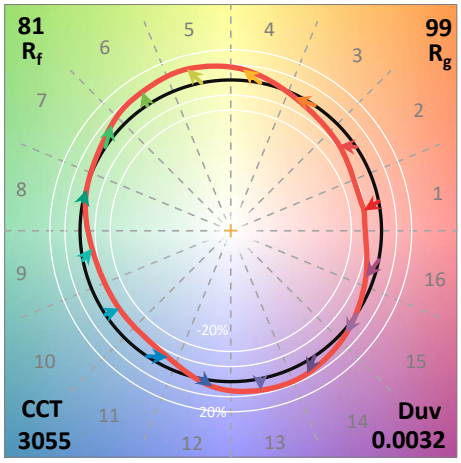
Spectral Power Distribution Comparison

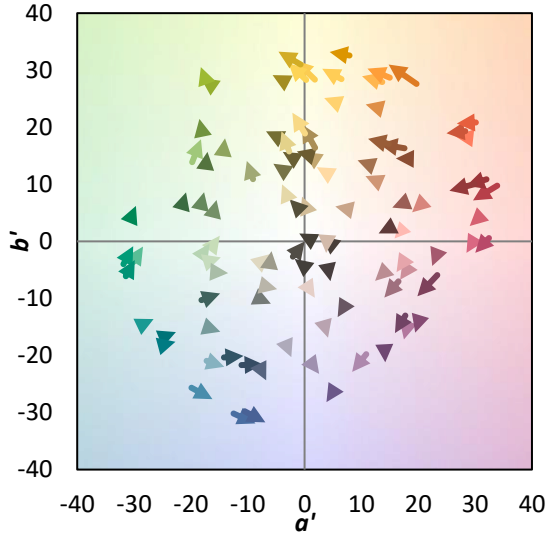


Color Vector Graphics







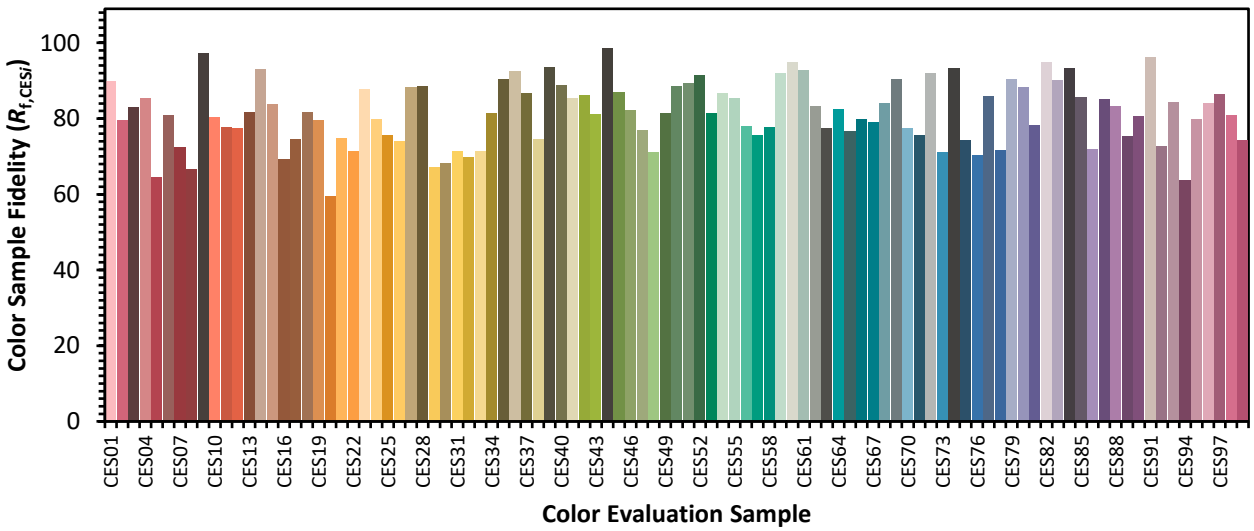


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

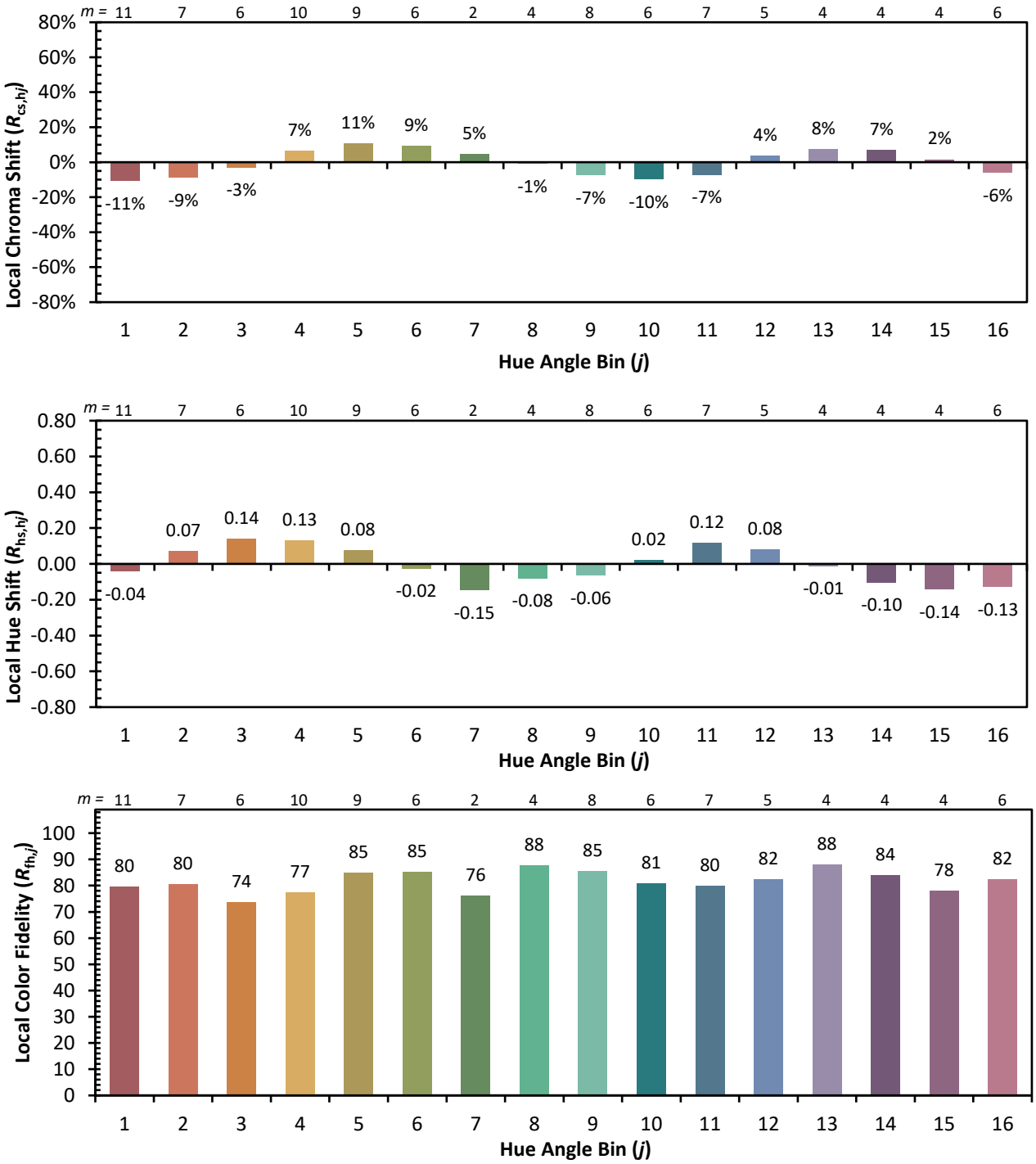
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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



REPORT NUMBER: SP1-2407-184-9

TM-30-18

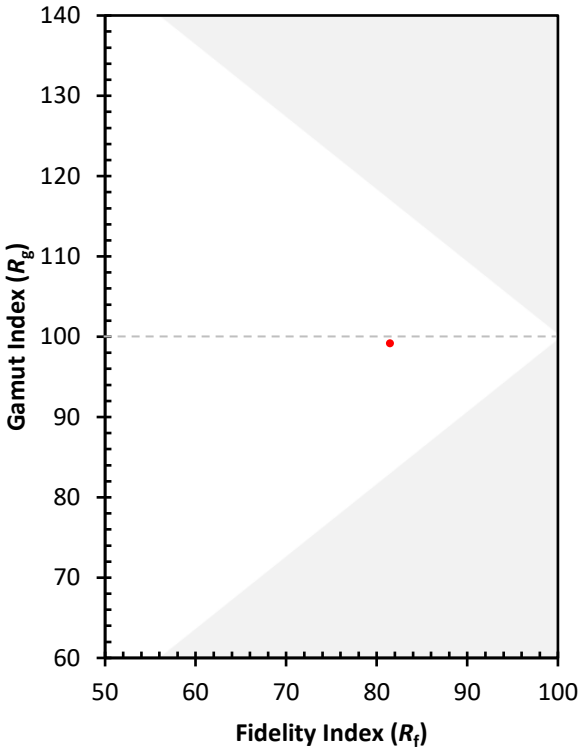
Color Rendition by Hue-Angle Bin

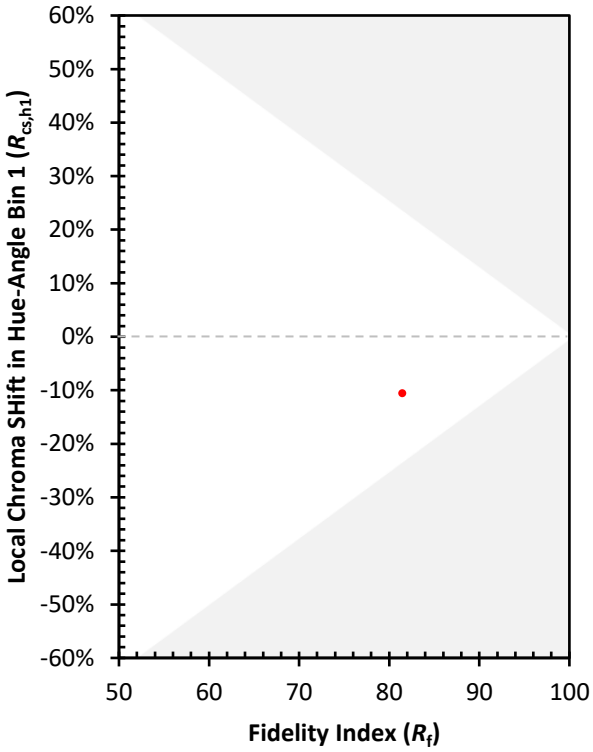


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





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