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: P1502293

Luminaire Tested: GSS-SB3A-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:	P1502293
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-830-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9418.1 lumens
Efficiency:	N/A
Efficacy:	110.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

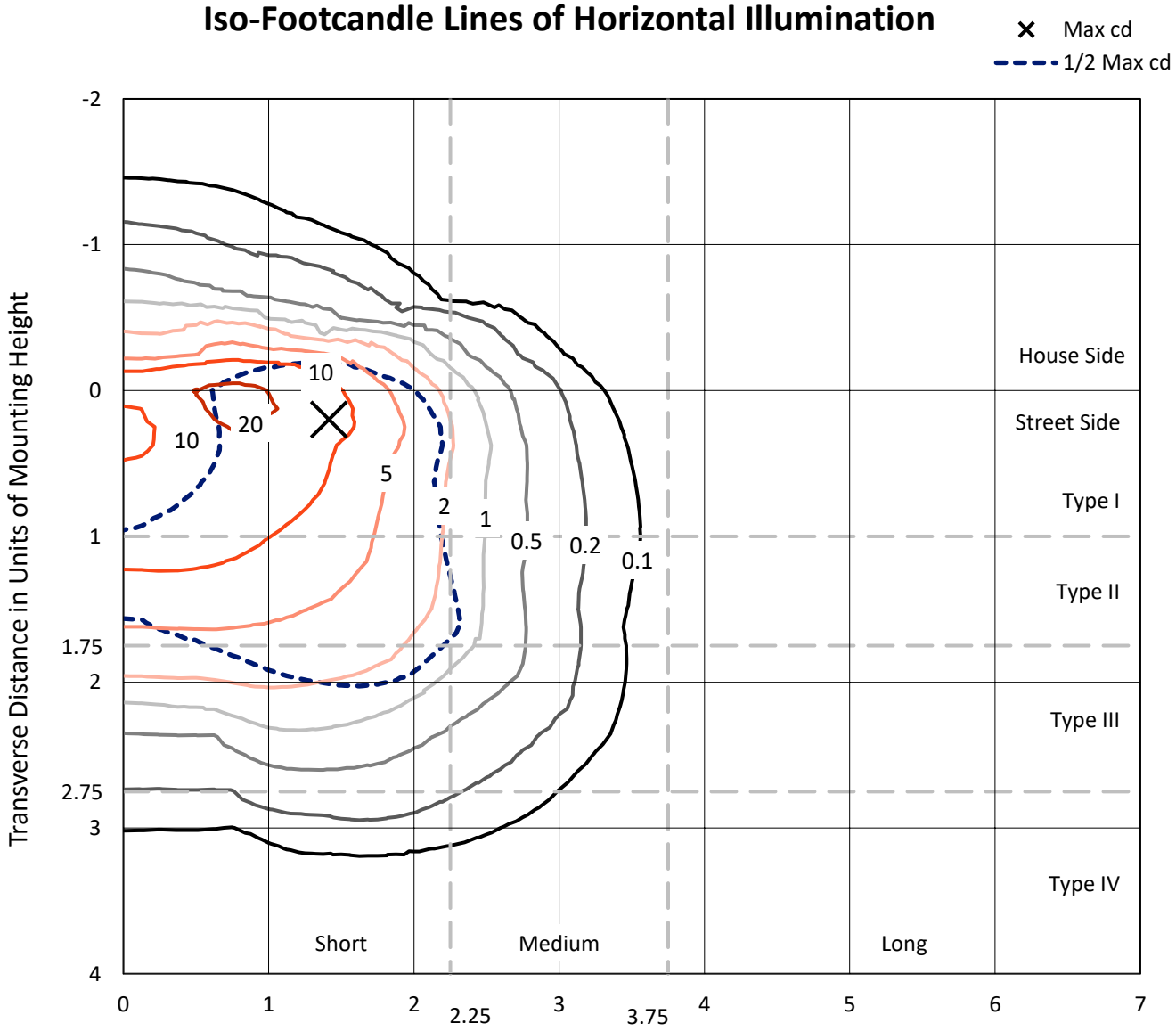
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502293
CATALOG NUMBER: GSS-SB3A-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



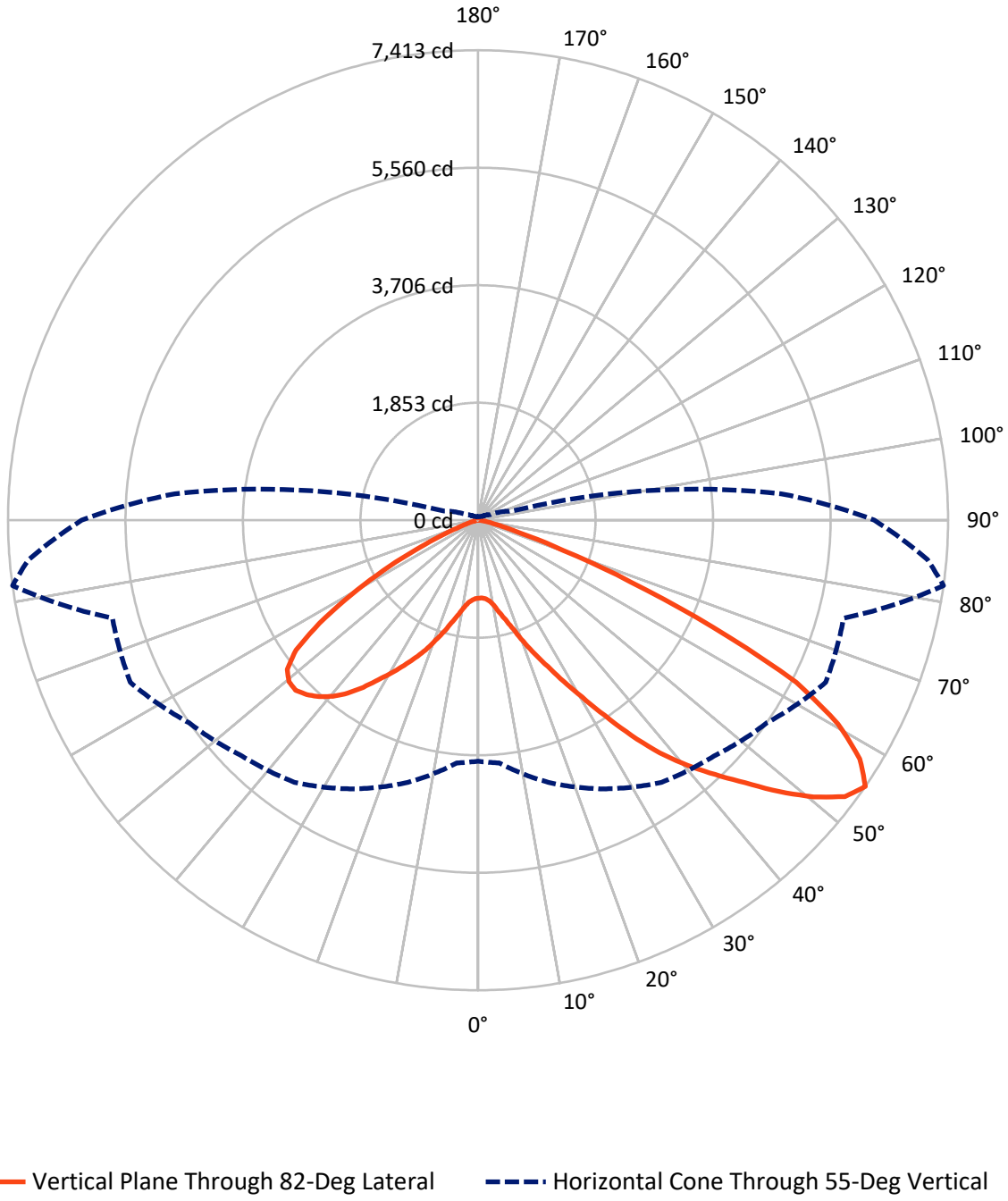
Based on 10 foot mounting height. Maximum calculated value = 23 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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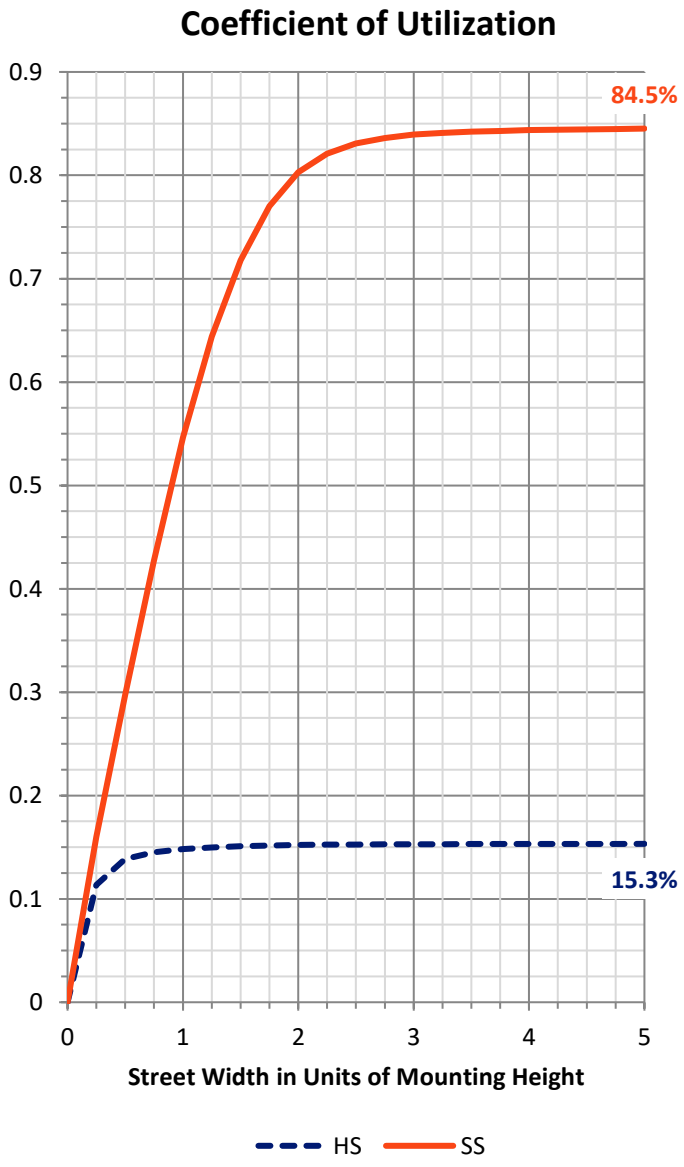
REPORT NUMBER: P1502293
CATALOG NUMBER: GSS-SB3A-830-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1455.7	0.0	1455.7
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	7962.3	0.0	7962.3
	% Fixture	84.5	0.0	84.5
Total	Lumens	9418.1	0.0	9418.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.5	1.2
10°-20°	301.7	3.2
20°-30°	603.2	6.4
30°-40°	1249.0	13.3
40°-50°	2086.5	22.2
50°-60°	2646.3	28.1
60°-70°	1978.3	21.0
70°-80°	419.0	4.4
80°-90°	22.6	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°	9418.1	100.0
0°-180°	9418.1	100.0



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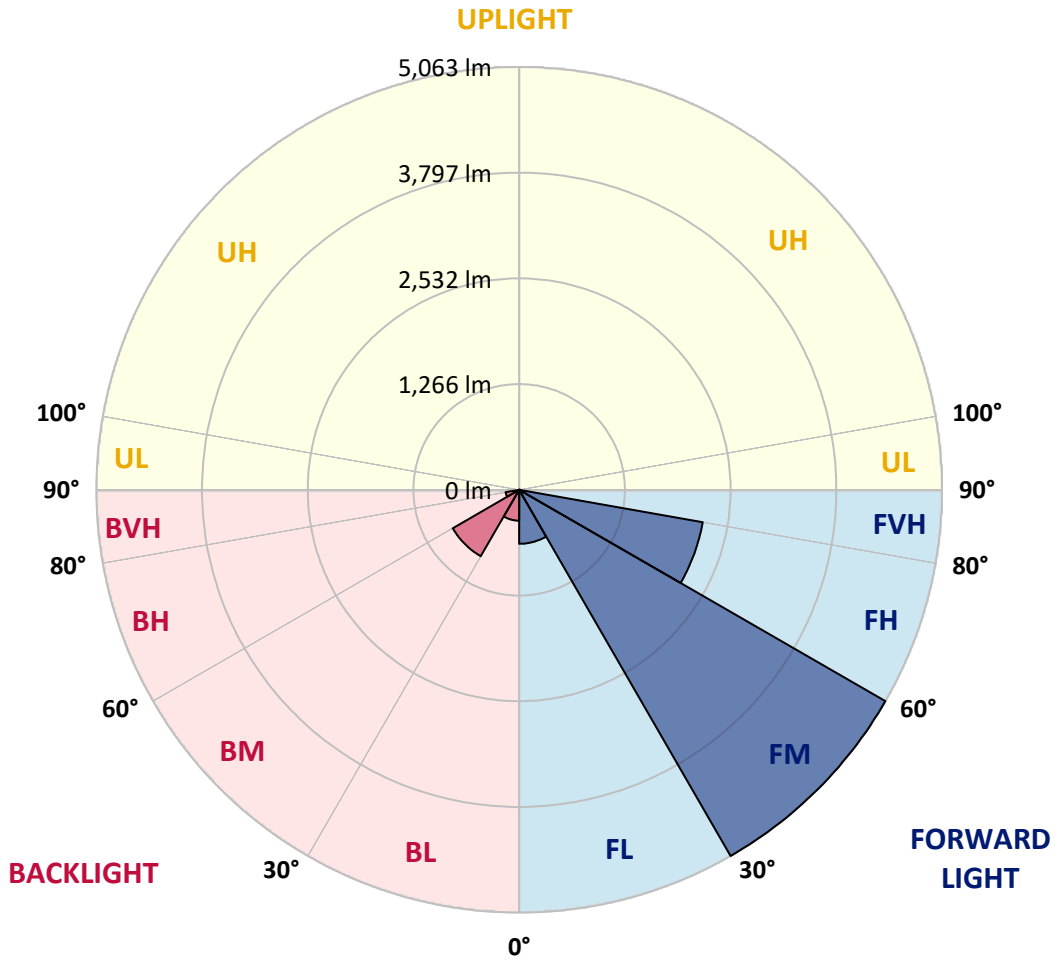
Scaled Data Report

REPORT NUMBER: P1502293
CATALOG NUMBER: GSS-SB3A-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°)	646.8	6.9			
FM	(30°-60°)	5063.3	53.8			
FH	(60°-80°)	2232.1	23.7			G2/5000
FVH	(80°-90°)	20.2	0.2			G1/100
BL	(0°-30°)	369.5	3.9	B1/500		
BM	(30°-60°)	918.5	9.8	B1/1000		
BH	(60°-80°)	165.3	1.8	B1/500		G1/500
BVH	(80°-90°)	2.4	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-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1229.5	1229.5	1229.5	1229.5	1229.5	1229.5	1229.5	1229.5	1229.5	*1229.5*	1229.5
2.5°	1196.3	1198.8	1193.7	1196.3	1201.4	1198.8	1209.1	1216.7	1224.4	*1227.0*	1229.5
5°	1091.5	1094.0	1096.6	1117.1	1129.8	1160.5	1188.6	1206.5	1232.1	*1244.9*	1247.4
7.5°	966.2	966.2	976.5	1002.0	1035.3	1094.0	1158.0	1209.1	1257.6	*1283.2*	1288.3
10°	943.2	945.8	945.8	963.7	991.8	1050.6	1132.4	1234.6	1321.5	*1359.9*	1372.7
12.5°	948.3	950.9	953.5	971.3	999.5	1050.6	1155.4	1288.3	1423.8	*1487.7*	1495.4
15°	961.1	966.2	973.9	996.9	1027.6	1094.0	1204.0	1365.0	1546.5	*1628.3*	1648.7
17.5°	999.5	1002.0	1014.8	1040.4	1088.9	1155.4	1275.5	1464.7	1717.8	*1807.2*	1845.6
20°	1058.3	1063.4	1081.3	1117.1	1173.3	1257.6	1390.6	1595.1	1901.8	*2039.8*	2070.5
22.5°	1132.4	1132.4	1158.0	1214.2	1293.4	1388.0	1549.0	1768.9	2126.7	*2287.8*	2338.9
25°	1255.1	1252.5	1273.0	1336.9	1431.5	1569.5	1733.1	1975.9	2361.9	*2553.6*	2607.3
27.5°	1536.3	1528.6	1520.9	1523.5	1605.3	1781.7	1970.8	2236.7	2653.3	*2878.3*	2919.2
30°	1863.5	1873.7	1863.5	1837.9	1850.7	2014.3	2249.4	2556.2	2980.5	*3233.6*	3287.3
32.5°	2149.8	2154.9	2198.3	2226.4	2236.7	2313.3	2571.5	2942.2	3397.2	*3673.2*	3742.3
35°	2461.6	2469.3	2517.8	2576.6	2668.7	2737.7	2975.4	3389.5	3821.5	*4169.1*	4220.3
37.5°	2824.6	2837.4	2901.3	2985.6	3113.4	3271.9	3399.7	3795.9	4253.5	*4654.8*	4708.5
40°	3144.1	3185.0	3294.9	3402.3	3537.8	3716.7	3801.0	4151.2	4573.0	*5084.2*	5173.7
42.5°	3445.7	3468.7	3645.1	3811.3	3972.3	4118.0	4199.8	4429.9	4856.7	*5483.0*	5582.7
45°	3696.2	3714.1	3911.0	4130.8	4330.2	4475.9	4488.7	4700.8	5137.9	*5904.8*	5981.5
47.5°	3849.6	3877.7	4130.8	4381.3	4601.1	4736.6	4716.2	5045.9	5444.7	*6395.6*	6405.8
50°	3941.6	3959.5	4217.7	4542.3	4813.3	4907.9	4951.3	5375.7	5723.3	*6860.8*	6799.4
52.5°	4008.1	4036.2	4289.3	4634.4	4938.5	5066.4	5222.3	5746.3	5943.1	*7241.7*	7078.1
55°	*3801.0*	*3841.9*	*4279.1*	*4675.3*	*5045.9*	*5260.6*	*5567.4*	*6050.5*	*5968.7*	*7412.9*	*7113.9*
57.5°	3568.4	3576.1	4008.1	4662.5	5166.0	5465.1	5884.3	6073.5	5731.0	*7101.1*	6750.9
60°	3225.9	3271.9	3714.1	4496.3	5186.5	5628.7	6099.1	5794.9	5296.4	*6523.4*	5996.8
62.5°	2264.8	2336.4	2914.0	4059.2	5040.8	5718.2	6063.3	5309.2	4751.9	*5631.3*	5040.8
65°	1267.9	1329.2	1802.1	3274.5	4639.5	5697.7	5695.2	4659.9	3877.7	*4069.4*	3604.2
67.5°	695.3	743.8	935.6	2464.2	3680.9	5260.6	4920.7	3555.7	2599.6	*2584.3*	2249.4
70°	485.7	488.2	590.5	1664.1	2645.6	3670.7	3847.1	2384.9	1613.0	*1426.4*	1204.0
72.5°	237.7	240.3	294.0	784.7	1618.1	2034.7	2638.0	1239.7	904.9	*708.1*	603.3
75°	120.1	117.6	161.0	294.0	669.7	991.8	1163.1	621.2	526.6	*388.5*	345.1
77.5°	76.7	79.2	94.6	161.0	301.6	386.0	357.9	337.4	309.3	*227.5*	196.8
80°	51.1	51.1	63.9	102.2	148.3	184.0	109.9	155.9	181.5	*132.9*	115.0
82.5°	15.3	15.3	38.3	56.2	71.6	74.1	48.6	71.6	102.2	*74.1*	56.2
85°	10.2	10.2	20.4	28.1	30.7	25.6	15.3	30.7	48.6	*33.2*	28.1
87.5°	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	*2.6*	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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REPORT NUMBER: P1502293
CATALOG NUMBER: GSS-SB3A-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1229.5	1229.5	1229.5	1229.5	1229.5	1229.5	1229.5	1229.5	1229.5	1229.5	1229.5
2.5°	1232.1	1234.6	1242.3	1244.9	1250.0	1252.5	1252.5	1252.5	1250.0	1252.5	1257.6
5°	1252.5	1265.3	1275.5	1273.0	1273.0	1260.2	1250.0	1229.5	1219.3	1216.7	1219.3
7.5°	1303.7	1313.9	1324.1	1308.8	1270.4	1211.6	1147.7	1096.6	1053.1	1032.7	1040.4
10°	1395.7	1408.5	1408.5	1336.9	1229.5	1091.5	976.5	881.9	810.3	772.0	789.9
12.5°	1528.6	1538.8	1513.3	1362.4	1158.0	930.5	738.7	580.3	488.2	442.2	432.0
15°	1682.0	1697.3	1610.4	1357.3	1045.5	695.3	460.1	345.1	311.9	301.6	304.2
17.5°	1878.8	1886.5	1717.8	1316.4	851.2	455.0	327.2	294.0	286.3	281.2	281.2
20°	2121.6	2098.6	1804.7	1247.4	621.2	357.9	301.6	276.1	268.4	265.8	268.4
22.5°	2382.4	2346.6	1876.2	1117.1	470.3	337.4	288.8	260.7	250.5	247.9	247.9
25°	2655.9	2574.1	1932.5	925.3	439.7	332.3	273.5	237.7	227.5	222.4	222.4
27.5°	2967.7	2827.1	1963.1	774.5	447.3	324.6	255.6	217.3	201.9	196.8	196.8
30°	3312.8	3108.3	1965.7	743.8	462.7	314.4	237.7	194.3	178.9	171.3	173.8
32.5°	3732.0	3394.6	1958.0	792.4	472.9	306.7	217.3	171.3	158.5	150.8	150.8
35°	4166.6	3742.3	1927.4	884.4	478.0	283.7	191.7	150.8	135.5	132.9	135.5
37.5°	4598.6	4072.0	1883.9	935.6	452.4	232.6	155.9	130.4	120.1	120.1	120.1
40°	4992.2	4358.3	1825.1	892.1	360.4	168.7	127.8	112.5	107.4	104.8	107.4
42.5°	5286.2	4613.9	1717.8	751.5	255.6	135.5	112.5	99.7	94.6	94.6	97.1
45°	5608.3	4859.3	1510.7	552.1	194.3	117.6	97.1	86.9	84.4	84.4	86.9
47.5°	5932.9	5056.1	1311.3	368.1	168.7	104.8	86.9	79.2	76.7	74.1	76.7
50°	6180.9	5150.7	1050.6	268.4	153.4	94.6	79.2	74.1	69.0	66.5	66.5
52.5°	6357.2	5125.1	769.4	230.1	140.6	86.9	74.1	69.0	61.3	61.3	61.3
55°	*6249.9*	*4798.0*	*554.7*	*207.1*	*130.4*	*81.8*	*71.6*	*63.9*	*58.8*	*56.2*	*56.2*
57.5°	5728.4	4089.9	401.3	186.6	115.0	76.7	69.0	61.3	53.7	51.1	51.1
60°	4979.4	3185.0	299.1	163.6	99.7	74.1	61.3	58.8	51.1	46.0	46.0
62.5°	4069.4	2318.5	232.6	140.6	89.5	63.9	58.8	53.7	46.0	40.9	38.3
65°	2824.6	1480.0	178.9	115.0	84.4	56.2	53.7	46.0	38.3	30.7	30.7
67.5°	1743.3	879.3	138.0	89.5	66.5	48.6	46.0	40.9	33.2	25.6	25.6
70°	963.7	465.2	94.6	66.5	51.1	38.3	35.8	35.8	28.1	23.0	20.4
72.5°	462.7	253.1	63.9	56.2	38.3	25.6	28.1	28.1	23.0	17.9	17.9
75°	278.6	150.8	43.5	43.5	25.6	20.4	20.4	23.0	17.9	12.8	12.8
77.5°	158.5	89.5	25.6	33.2	17.9	12.8	15.3	12.8	10.2	7.7	7.7
80°	89.5	51.1	15.3	23.0	10.2	7.7	7.7	5.1	5.1	2.6	2.6
82.5°	43.5	28.1	7.7	7.7	5.1	2.6	2.6	2.6	2.6	0.0	0.0
85°	20.4	5.1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	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

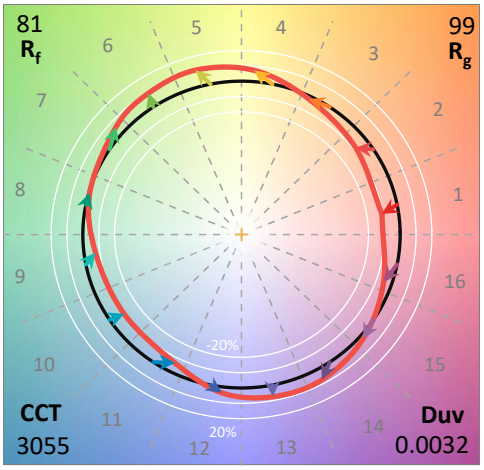
Test Information

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

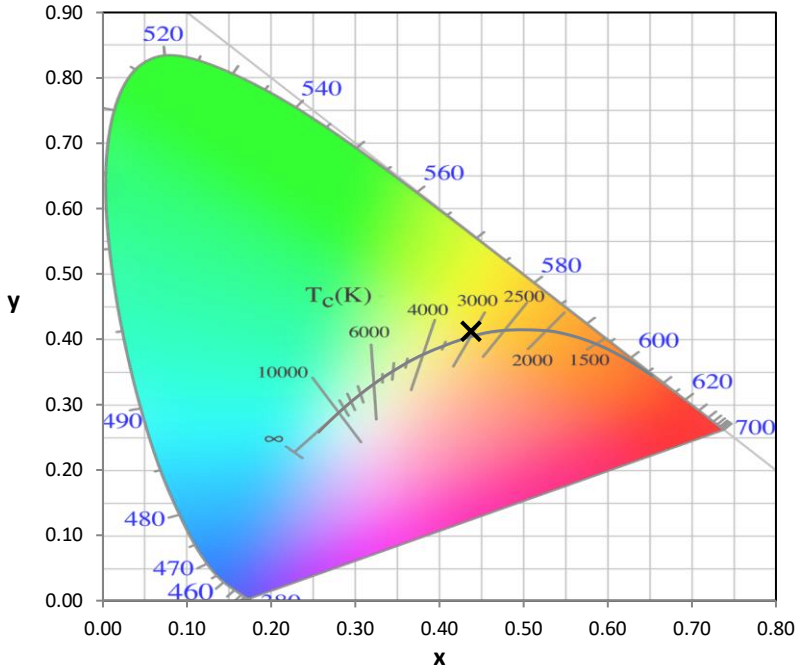
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

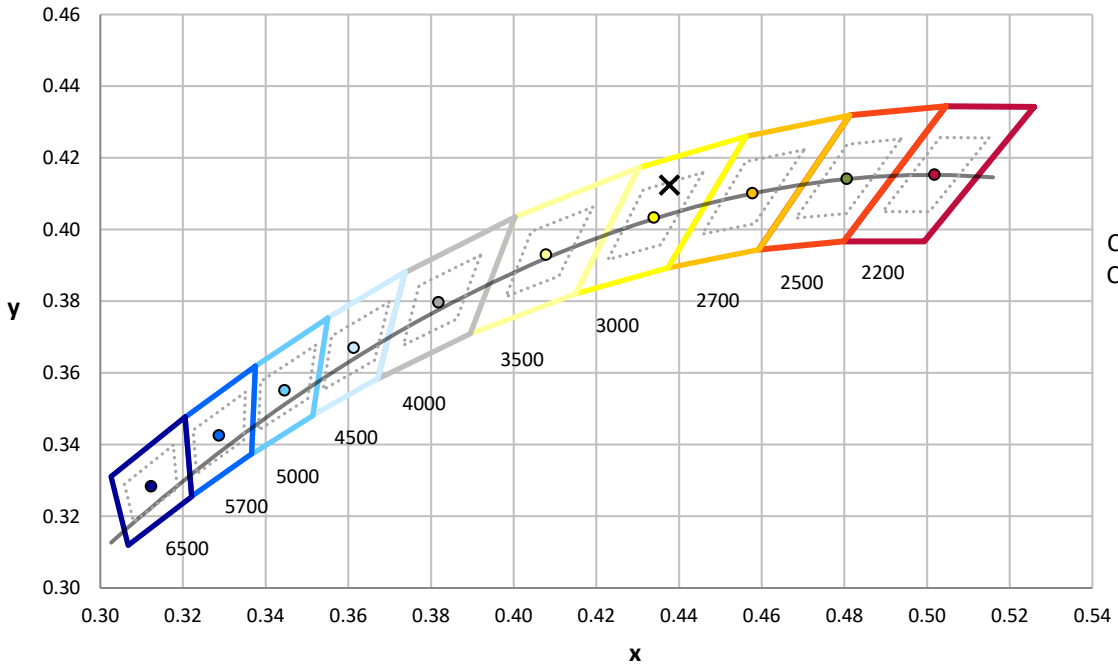
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

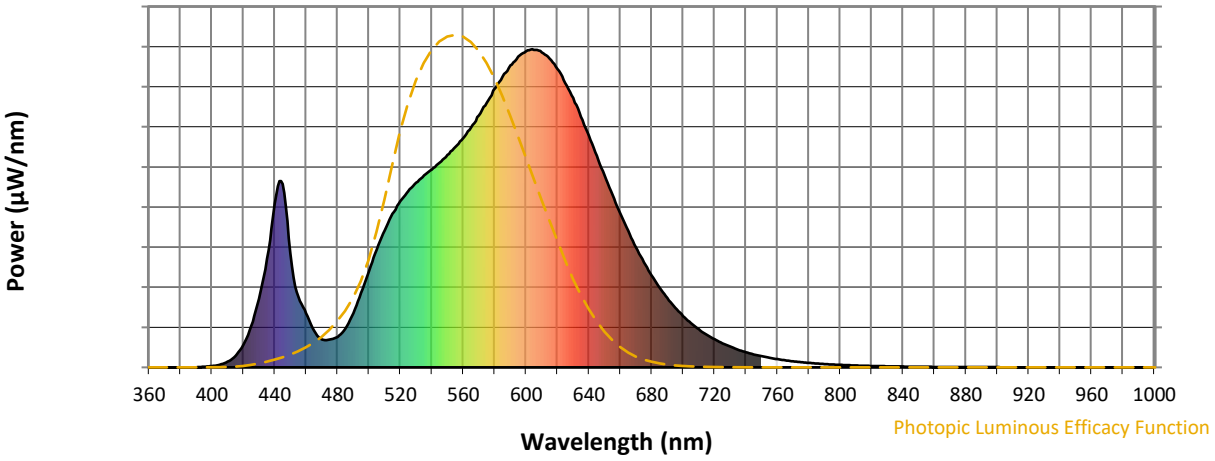


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

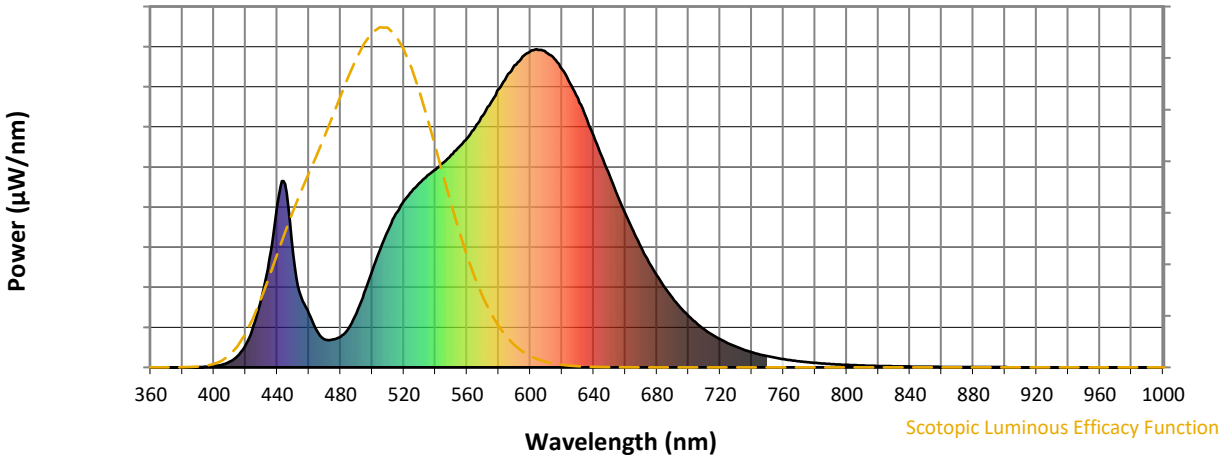


Photopic Lumens: NR

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

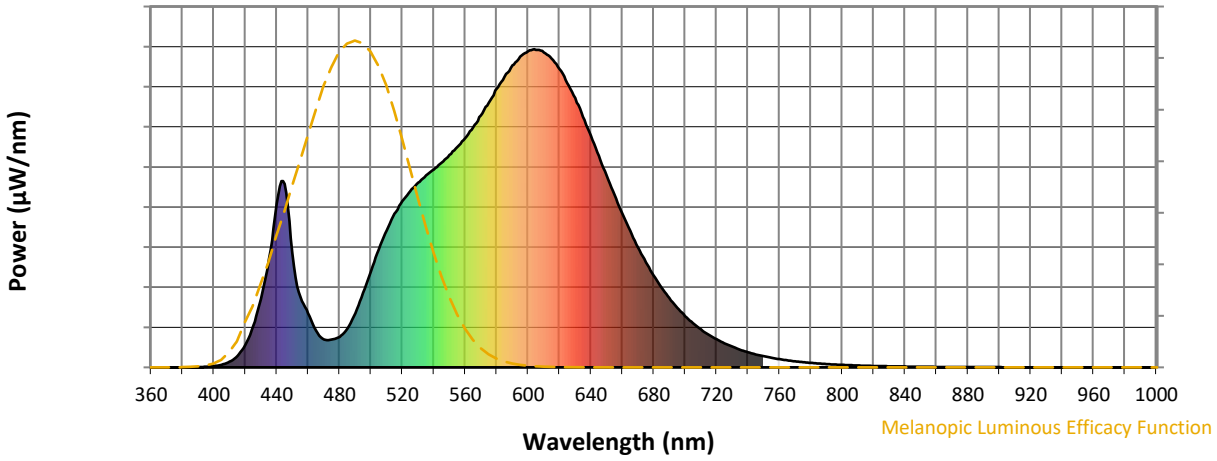


Scotopic Lumens: NR **S/P: 1.28**

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			

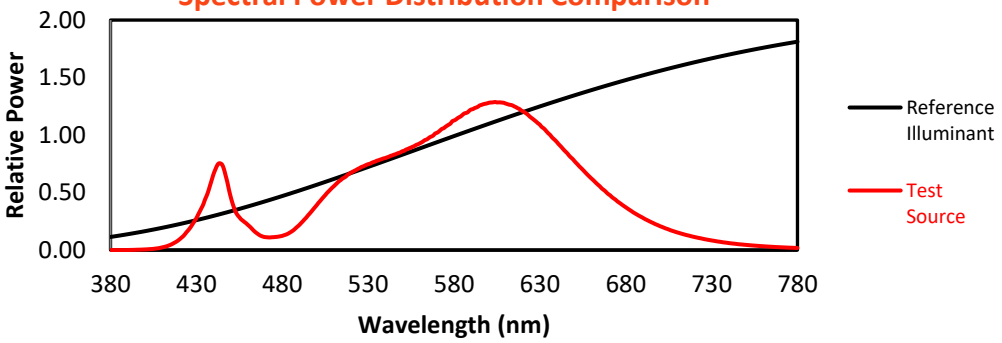
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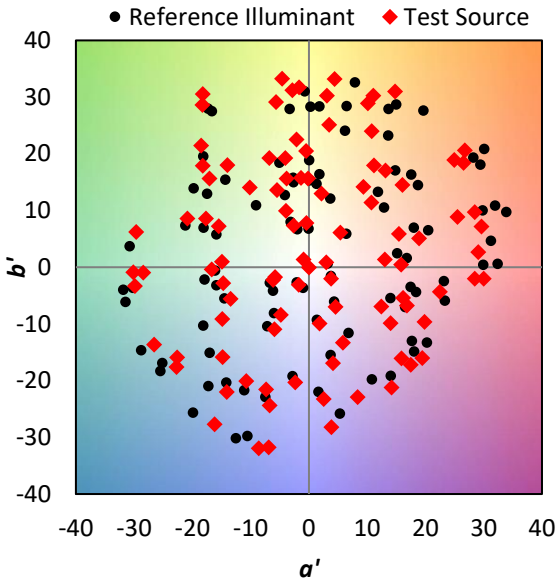
Summary

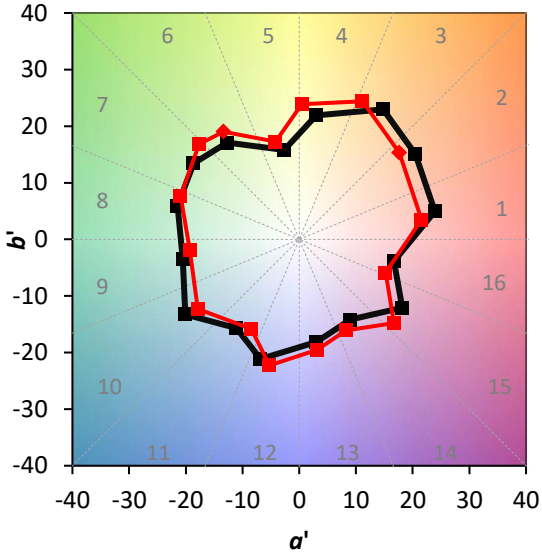
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

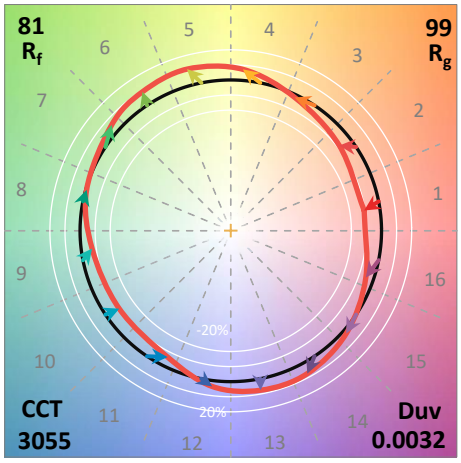
Spectral Power Distribution Comparison

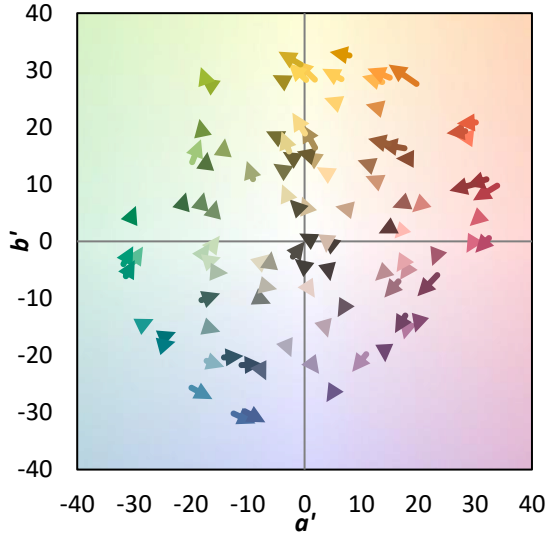


Color Vector Graphics







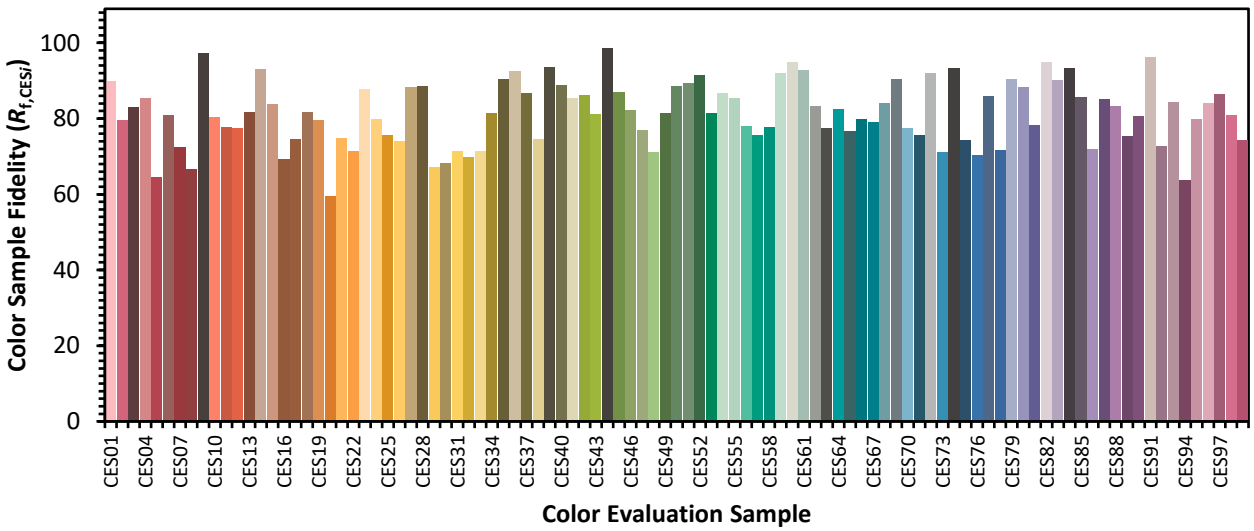


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Individual Sample Fidelity Index ($R_{f,i}$)

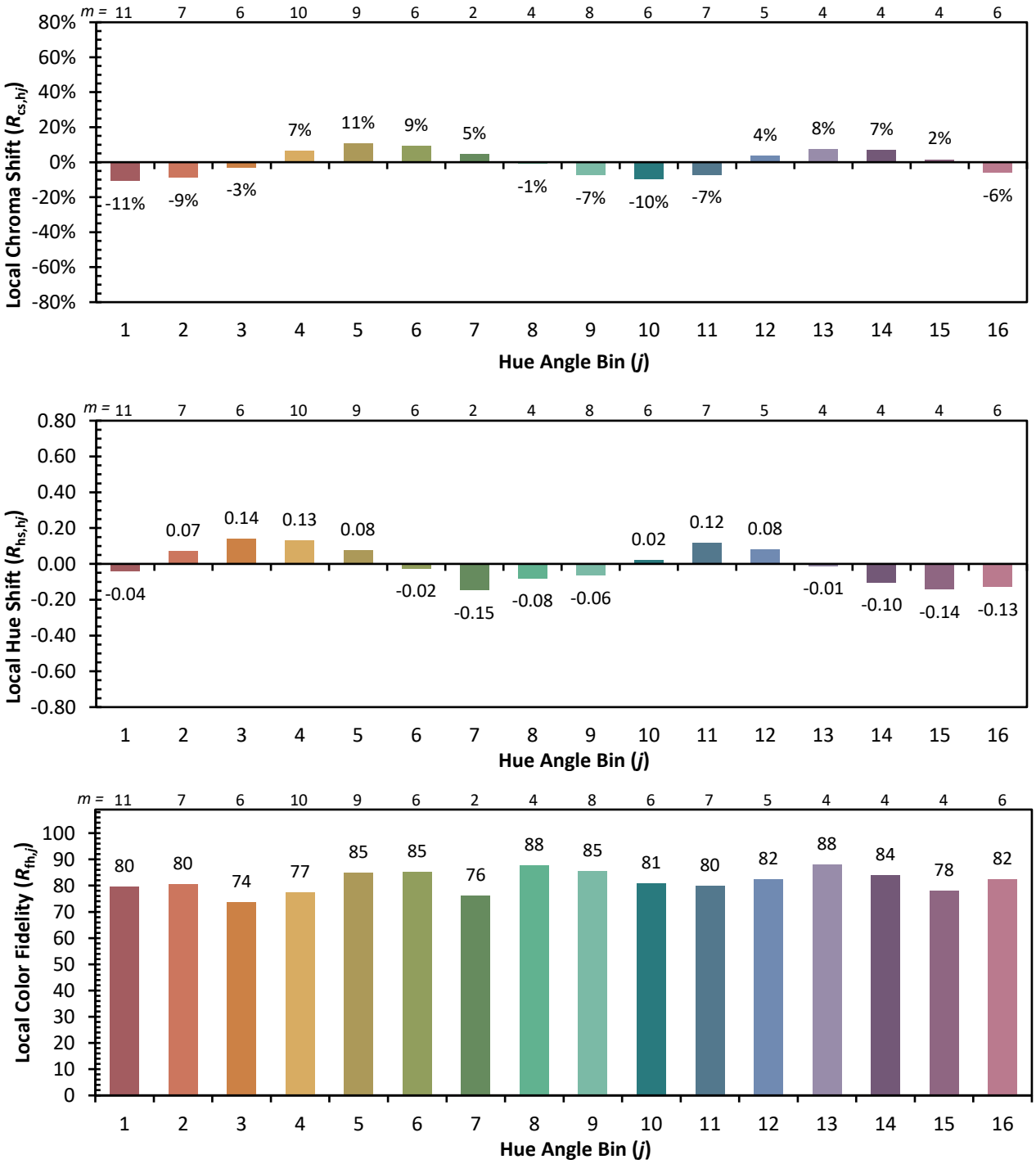
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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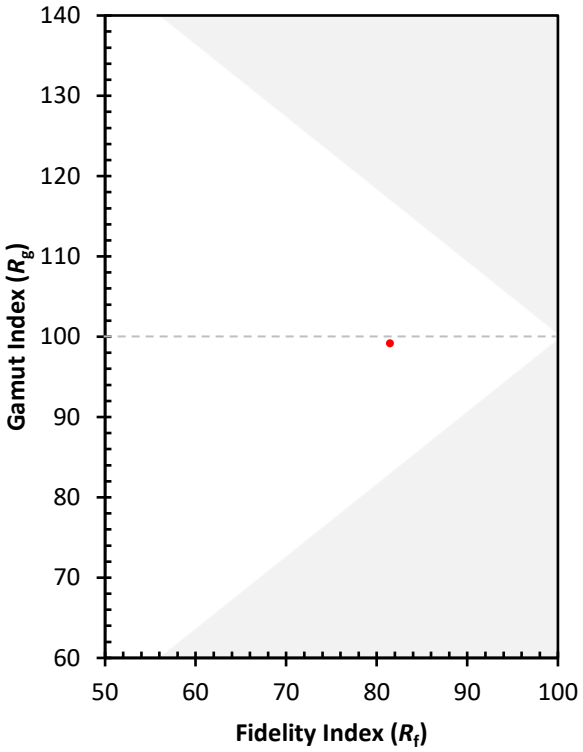
Color Rendition by Hue-Angle Bin

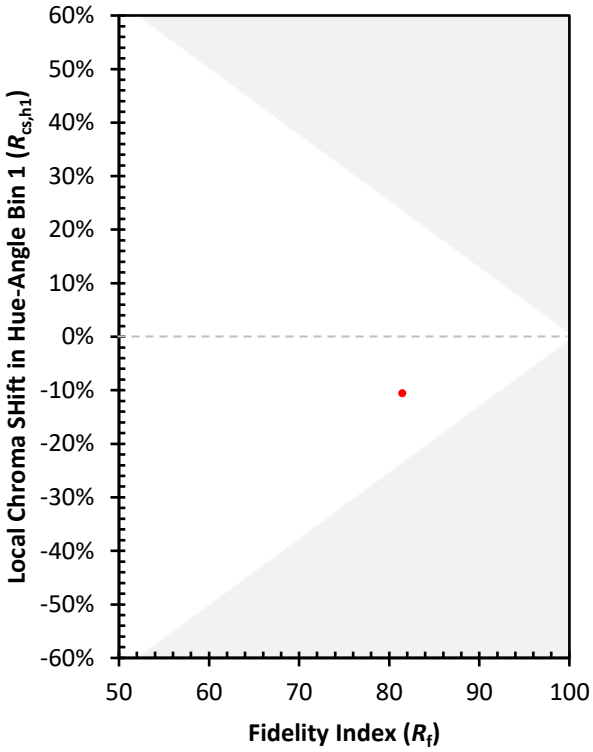


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Measure Comparisons





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