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: STREETWORKS

Report Number: P1458352

Luminaire Tested: GLAN-SB2B-830-U-T3LG-HSS

Issue Date: 05/20/2026

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:	P1458352
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB2B-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 2xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(52) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7731 lumens
Efficiency:	N/A
Efficacy:	104.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	73.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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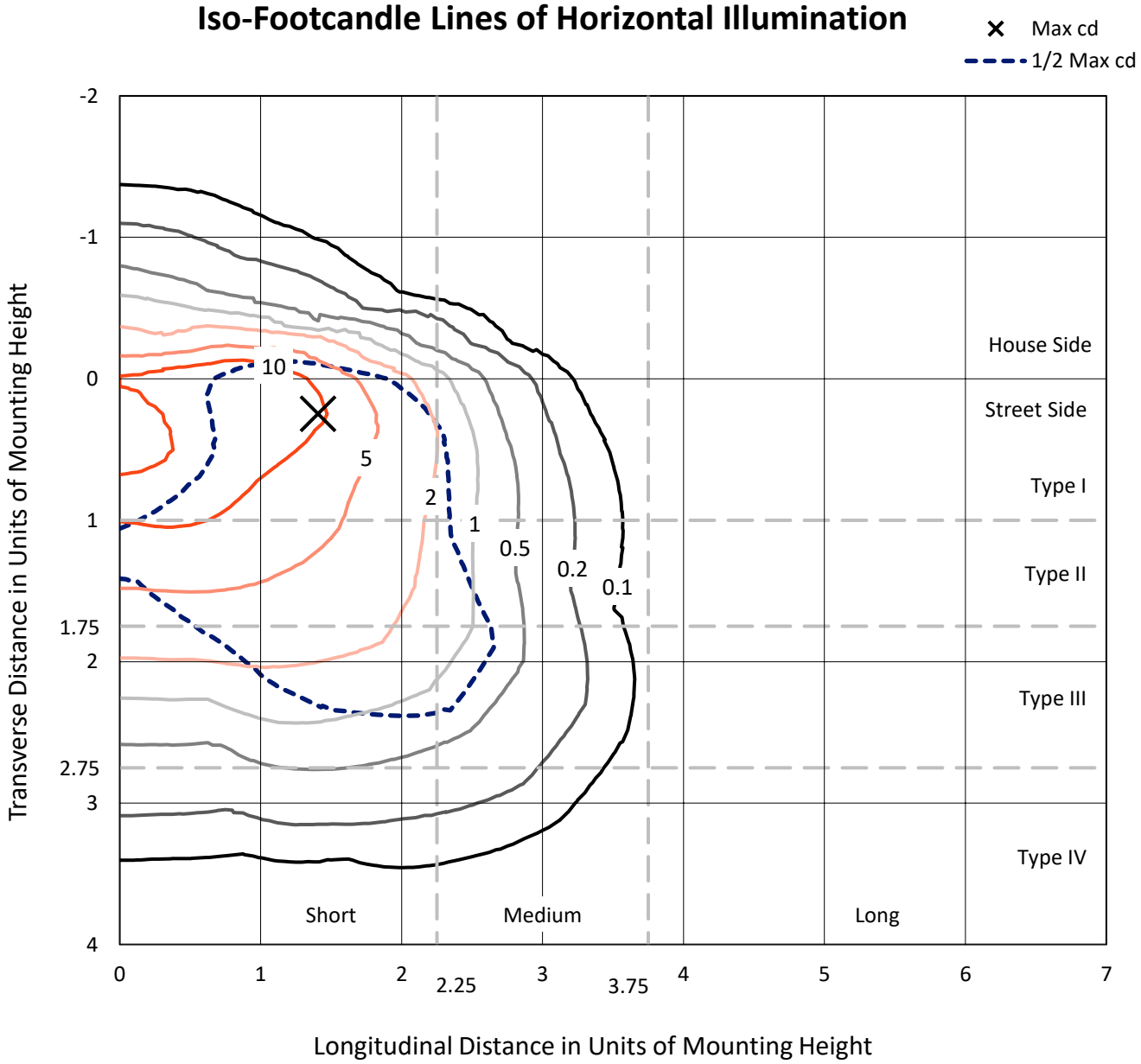
REPORT NUMBER: P1458352
CATALOG NUMBER: GLAN-SB2B-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 19.1 fc
Type III - Short - N/A

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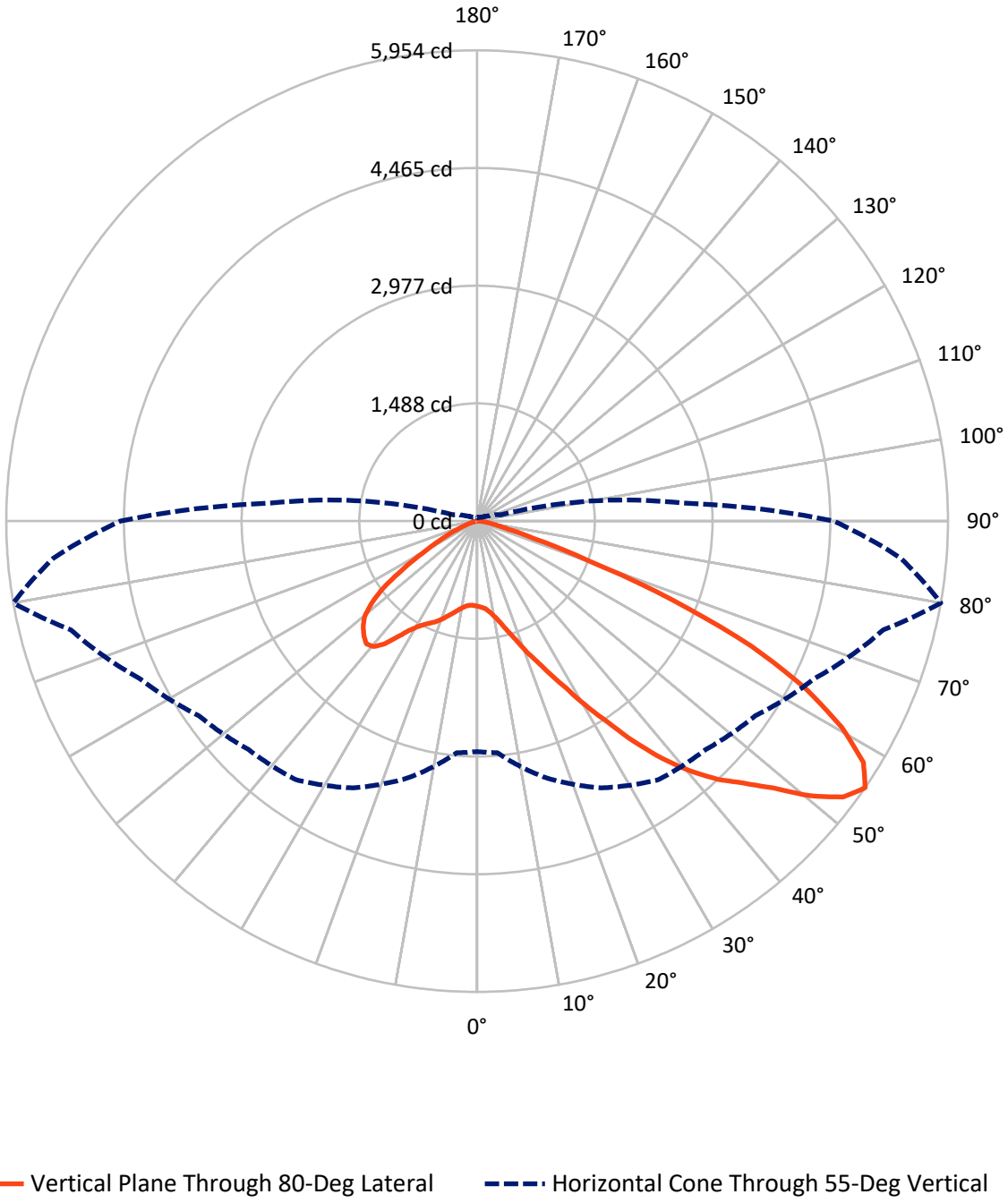
Luminous Intensity Polar Plot



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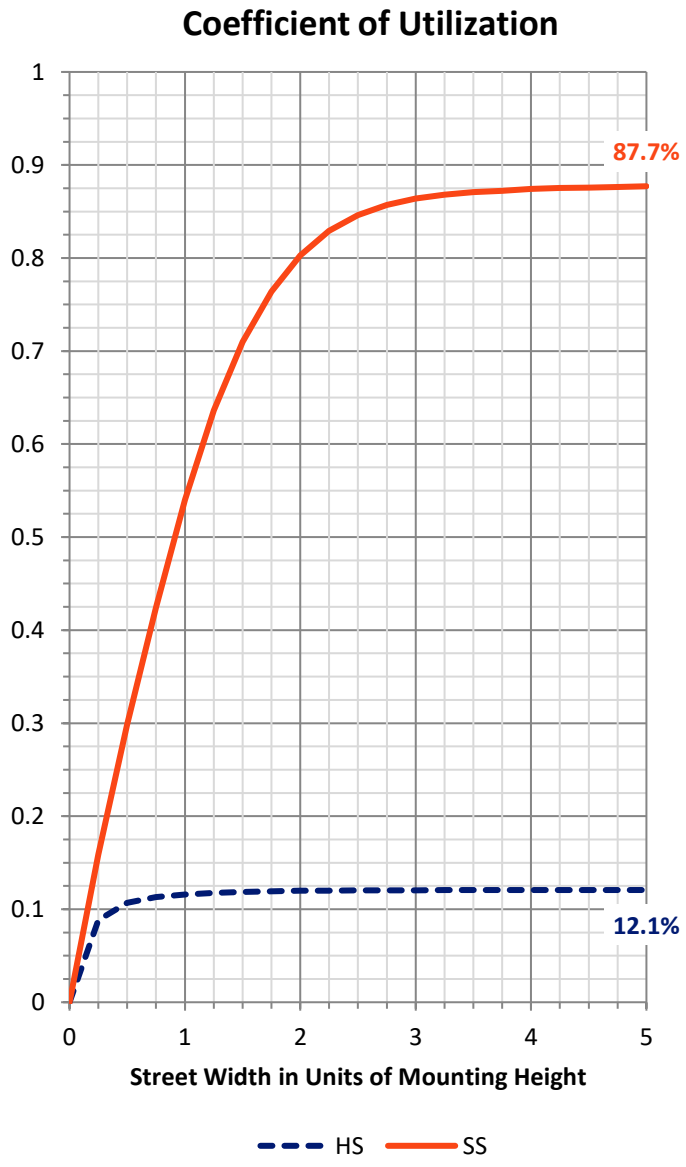
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	939.8	0.0	939.8
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	6791.2	0.0	6791.2
	% Fixture	87.8	0.0	87.8
Total	Lumens	7731.0	0.0	7731.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.4	1.2
10°-20°	238.3	3.1
20°-30°	466.4	6.0
30°-40°	949.0	12.3
40°-50°	1599.8	20.7
50°-60°	2044.1	26.4
60°-70°	1745.1	22.6
70°-80°	557.7	7.2
80°-90°	40.3	0.5
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°	7731.0	100.0
0°-180°	7731.0	100.0



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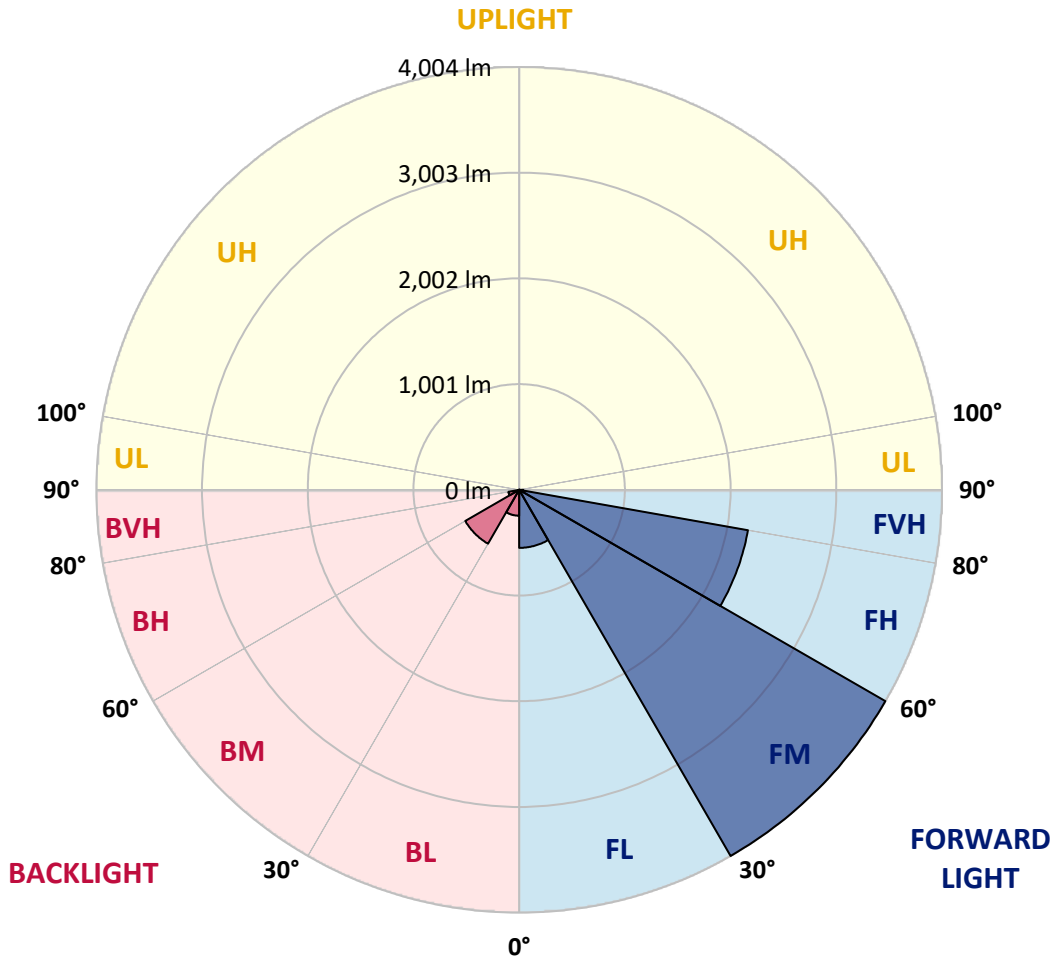
CATALOG NUMBER: GLAN-SB2B-830-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	549.7	7.1			
FM	(30°-60°)	4003.8	51.8			
FH	(60°-80°)	2199.5	28.5			G2/5000
FVH	(80°-90°)	38.2	0.5			G1/100
BL	(0°-30°)	245.4	3.2	B1/500		
BM	(30°-60°)	589.0	7.6	B1/1000		
BH	(60°-80°)	103.3	1.3	B0/110		G0/110
BVH	(80°-90°)	2.1	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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REPORT NUMBER: P1458352
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1076.9	1076.9	1076.9	1076.9	1076.9	1076.9	1076.9	1076.9	1076.9	*1076.9*	1076.9
2.5°	1083.5	1085.7	1083.5	1085.7	1090.1	1087.9	1096.7	1094.5	1094.5	*1092.3*	1083.5
5°	1022.0	1024.2	1028.6	1039.6	1054.9	1070.3	1090.1	1103.3	1116.5	*1114.3*	1105.5
7.5°	901.1	905.5	923.1	945.0	995.6	1041.7	1092.3	1125.3	1153.8	*1162.6*	1156.0
10°	833.0	837.4	848.3	870.3	916.5	993.4	1092.3	1160.4	1211.0	*1228.6*	1230.8
12.5°	826.4	828.6	837.4	861.5	901.1	967.0	1090.1	1206.6	1292.3	*1318.7*	1327.5
15°	830.8	835.2	843.9	863.7	909.9	984.6	1107.7	1279.1	1400.0	*1437.3*	1439.5
17.5°	848.3	852.7	863.7	885.7	936.3	1030.8	1162.6	1353.8	1529.7	*1571.4*	1595.6
20°	883.5	885.7	898.9	927.5	984.6	1087.9	1243.9	1454.9	1685.7	*1747.2*	1764.8
22.5°	929.7	936.3	953.8	989.0	1061.5	1167.0	1356.0	1578.0	1857.1	*1920.9*	1951.6
25°	980.2	989.0	1015.4	1072.5	1164.8	1287.9	1494.5	1740.6	2059.3	*2136.2*	2178.0
27.5°	1083.5	1085.7	1103.3	1175.8	1294.5	1446.1	1670.3	1949.4	2296.7	*2386.8*	2432.9
30°	1309.9	1312.1	1296.7	1316.5	1437.3	1633.0	1876.9	2193.4	2573.6	*2698.9*	2736.2
32.5°	1586.8	1597.8	1595.6	1582.4	1637.3	1819.8	2123.1	2485.7	2898.9	*3030.7*	3065.9
35°	1901.1	1927.5	1920.9	1916.5	1923.1	2059.3	2404.4	2808.8	3268.1	*3428.5*	3457.1
37.5°	2208.8	2215.4	2246.1	2283.5	2287.9	2382.4	2729.6	3151.6	3611.0	*3815.3*	3859.3
40°	2446.1	2468.1	2545.0	2619.8	2696.7	2771.4	2997.8	3428.5	3883.5	*4158.2*	4178.0
42.5°	2630.7	2683.5	2795.6	2912.1	3068.1	3151.6	3252.7	3624.1	4105.5	*4463.7*	4454.9
45°	2854.9	2876.9	3035.1	3189.0	3347.2	3474.7	3472.5	3789.0	4279.1	*4725.2*	4670.3
47.5°	3006.6	3032.9	3248.3	3428.5	3591.2	3654.9	3668.1	3967.0	4518.6	*5041.7*	4912.0
50°	3087.9	3134.0	3369.2	3597.8	3773.6	3793.4	3852.7	4200.0	4832.9	*5461.5*	5217.5
52.5°	3096.7	3140.6	3411.0	3705.5	3896.7	3936.2	4037.3	4463.7	5138.4	*5797.7*	5393.4
55°	*2914.3*	*2940.6*	*3360.4*	*3723.0*	*3993.4*	*4085.7*	*4292.3*	*4707.6*	*5316.4*	*5953.8*	*5378.0*
57.5°	2742.8	2769.2	3134.0	3692.3	4092.3	4281.3	4564.8	4874.7	5178.0	*5760.4*	5035.1
60°	2595.6	2608.8	2940.6	3549.4	4129.6	4472.5	4800.0	4709.8	4819.7	*5296.7*	4448.3
62.5°	2318.7	2327.4	2720.9	3292.3	4054.9	4619.7	4881.3	4360.4	4426.3	*4657.1*	3758.2
65°	1751.6	1784.6	2145.0	3098.9	3931.8	4687.9	4692.3	3934.0	3865.9	*3811.0*	2956.0
67.5°	1189.0	1226.4	1443.9	2786.8	3731.8	4716.4	4325.2	3382.4	2945.0	*2661.5*	1936.2
70°	949.4	949.4	1024.2	2239.5	3257.1	4351.6	3870.3	2553.8	1870.3	*1470.3*	1037.4
72.5°	624.2	626.4	696.7	1422.0	2309.9	3318.6	3156.0	1476.9	971.4	*749.4*	512.1
75°	226.4	226.4	305.5	569.2	1222.0	1975.8	1923.1	705.5	527.5	*408.8*	309.9
77.5°	120.9	125.3	147.3	235.2	468.1	804.4	751.6	360.4	298.9	*254.9*	193.4
80°	81.3	83.5	98.9	145.1	226.4	309.9	241.8	202.2	202.2	*171.4*	129.7
82.5°	44.0	46.2	65.9	94.5	120.9	145.1	116.5	118.7	142.9	*116.5*	74.7
85°	30.8	30.8	50.5	68.1	68.1	70.3	50.5	74.7	83.5	*72.5*	50.5
87.5°	17.6	17.6	28.6	33.0	33.0	30.8	15.4	26.4	33.0	*37.4*	22.0
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: P1458352
CATALOG NUMBER: GLAN-SB2B-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1076.9	1076.9	1076.9	1076.9	1076.9	1076.9	1076.9	1076.9	1076.9	1076.9	1076.9
2.5°	1081.3	1074.7	1061.5	1035.2	1022.0	1004.4	989.0	969.2	964.8	962.6	953.8
5°	1098.9	1085.7	1046.1	989.0	940.7	894.5	848.3	822.0	800.0	789.0	786.8
7.5°	1142.8	1116.5	1043.9	942.8	852.7	773.6	705.5	646.1	615.4	589.0	591.2
10°	1208.8	1167.0	1048.3	898.9	764.8	637.4	538.5	452.7	391.2	362.6	360.4
12.5°	1296.7	1237.4	1063.7	854.9	657.1	479.1	353.8	303.3	290.1	287.9	285.7
15°	1404.4	1320.9	1079.1	797.8	512.1	331.9	287.9	276.9	274.7	272.5	272.5
17.5°	1534.1	1417.6	1087.9	701.1	373.6	285.7	270.3	263.7	261.5	259.3	259.3
20°	1696.7	1525.3	1098.9	578.0	316.5	274.7	257.1	248.3	246.2	246.2	244.0
22.5°	1857.1	1646.1	1090.1	470.3	305.5	261.5	241.8	233.0	228.6	228.6	226.4
25°	2041.7	1769.2	1063.7	424.2	303.3	250.5	226.4	213.2	206.6	204.4	204.4
27.5°	2252.7	1909.9	1022.0	426.4	303.3	241.8	206.6	189.0	184.6	180.2	180.2
30°	2494.5	2081.3	991.2	454.9	307.7	233.0	189.0	167.0	160.4	156.0	158.2
32.5°	2771.4	2272.5	989.0	501.1	314.3	219.8	169.2	145.1	138.5	136.3	138.5
35°	3085.7	2509.9	1039.6	536.3	296.7	191.2	145.1	125.3	118.7	118.7	120.9
37.5°	3435.1	2782.4	1107.7	527.5	239.6	151.6	125.3	109.9	103.3	105.5	107.7
40°	3753.8	2995.6	1118.7	450.5	180.2	129.7	107.7	96.7	92.3	94.5	96.7
42.5°	3995.6	3167.0	1013.2	349.4	151.6	109.9	92.3	83.5	81.3	85.7	85.7
45°	4191.2	3235.1	846.1	259.3	134.1	94.5	81.3	76.9	72.5	74.7	74.7
47.5°	4395.6	3246.1	690.1	208.8	118.7	85.7	74.7	70.3	65.9	65.9	65.9
50°	4593.4	3219.7	527.5	184.6	109.9	76.9	68.1	63.7	59.3	57.1	57.1
52.5°	4641.7	3008.8	386.8	171.4	101.1	72.5	63.7	59.3	54.9	52.7	52.7
55°	*4507.6*	*2608.8*	*303.3*	*153.8*	*92.3*	*65.9*	*59.3*	*54.9*	*48.4*	*46.2*	*46.2*
57.5°	4065.9	1989.0	241.8	131.9	83.5	63.7	54.9	50.5	44.0	41.8	41.8
60°	3492.3	1411.0	195.6	107.7	76.9	57.1	50.5	44.0	39.6	35.2	35.2
62.5°	2857.1	1013.2	158.2	90.1	72.5	50.5	46.2	39.6	30.8	24.2	24.2
65°	2191.2	727.5	123.1	72.5	65.9	44.0	39.6	33.0	24.2	17.6	17.6
67.5°	1417.6	470.3	92.3	63.7	50.5	37.4	30.8	26.4	22.0	15.4	13.2
70°	747.2	274.7	68.1	54.9	37.4	28.6	26.4	22.0	17.6	11.0	11.0
72.5°	386.8	180.2	50.5	48.4	28.6	19.8	22.0	17.6	13.2	6.6	6.6
75°	248.3	120.9	37.4	39.6	17.6	15.4	15.4	11.0	6.6	4.4	2.2
77.5°	160.4	81.3	26.4	33.0	11.0	8.8	8.8	4.4	2.2	0.0	0.0
80°	94.5	50.5	17.6	22.0	4.4	4.4	2.2	0.0	0.0	0.0	0.0
82.5°	48.4	26.4	8.8	8.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	30.8	13.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.4	4.4	2.2	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

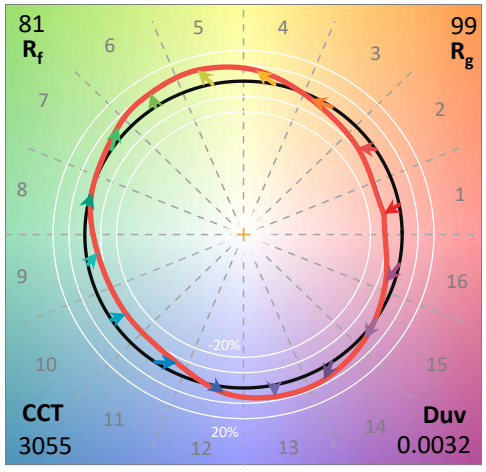
Test Information

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

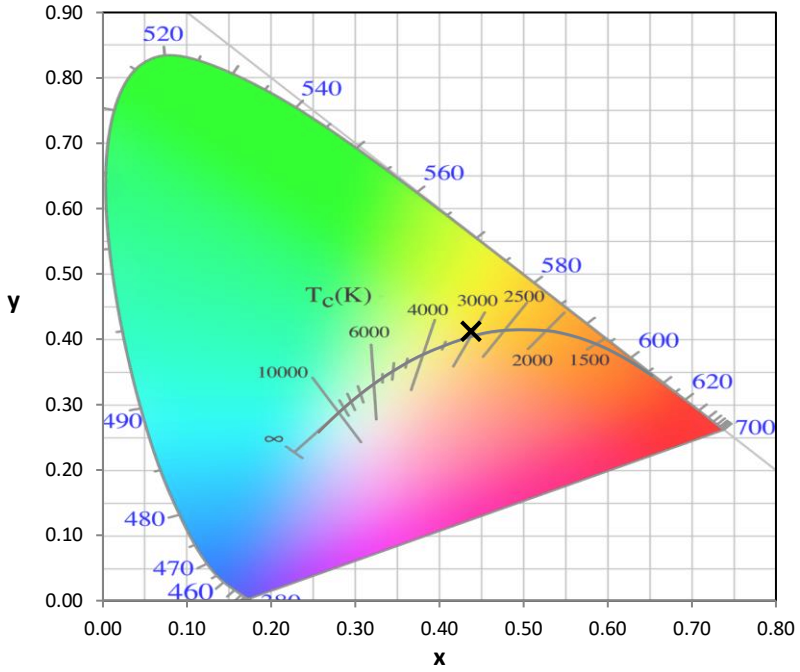
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

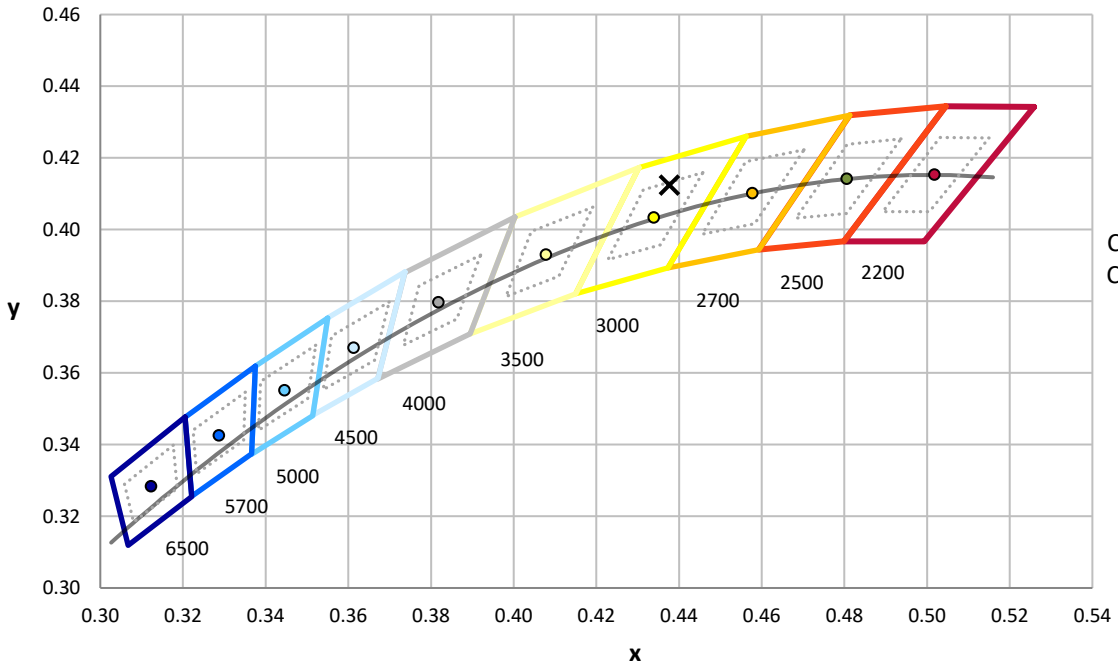
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

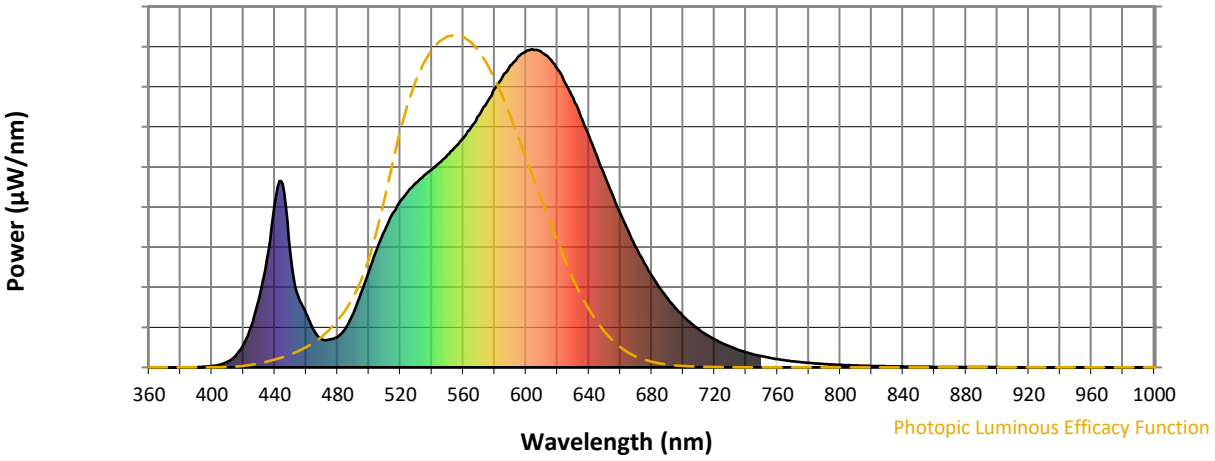


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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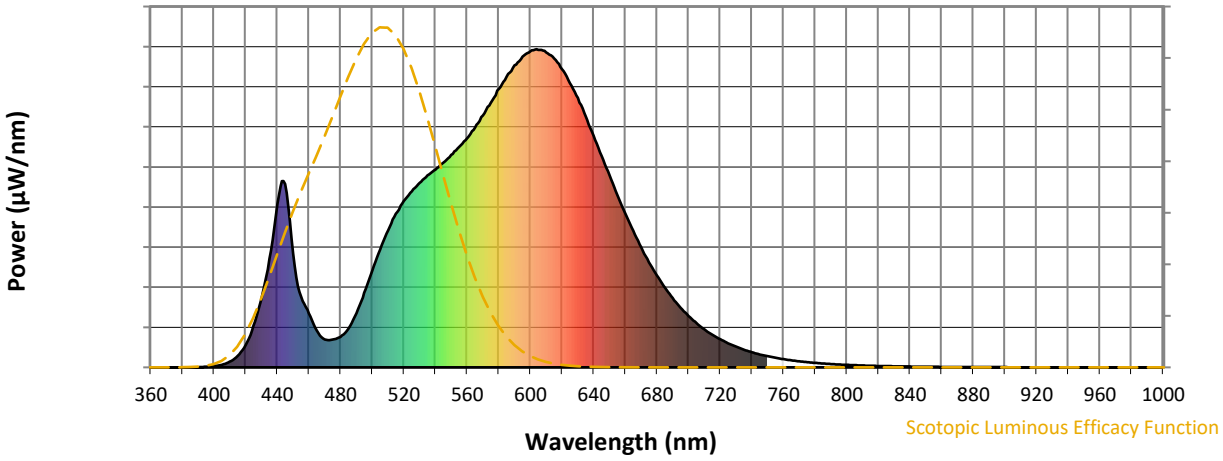
Scotopic Flux vs. Wavelength



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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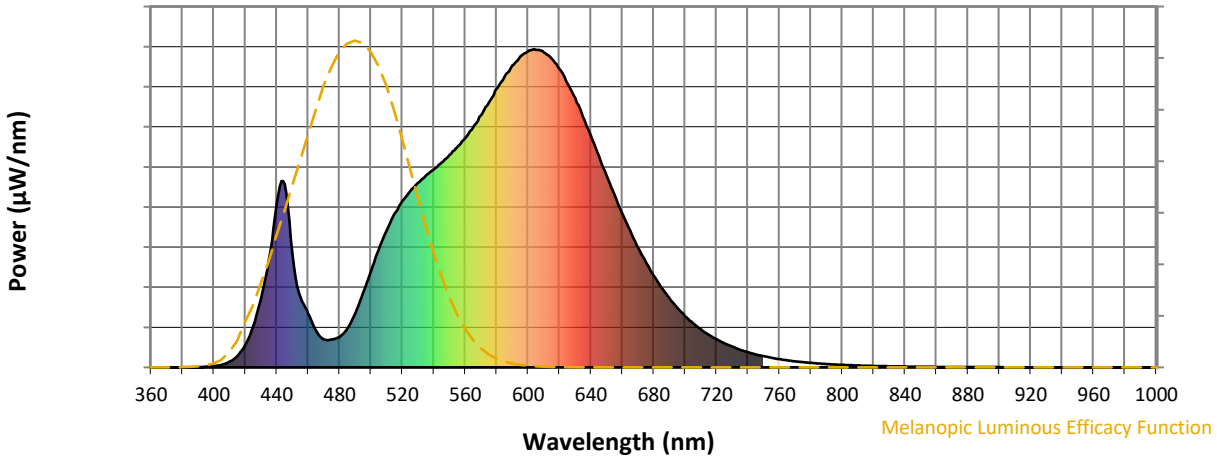
Melanopic Flux vs. Wavelength



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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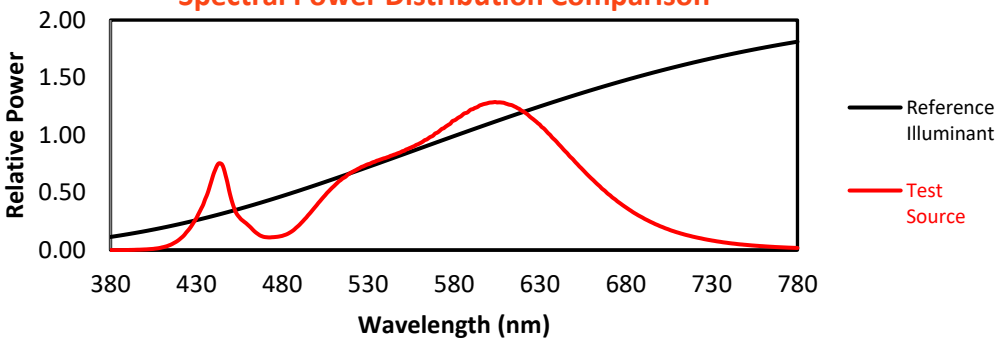
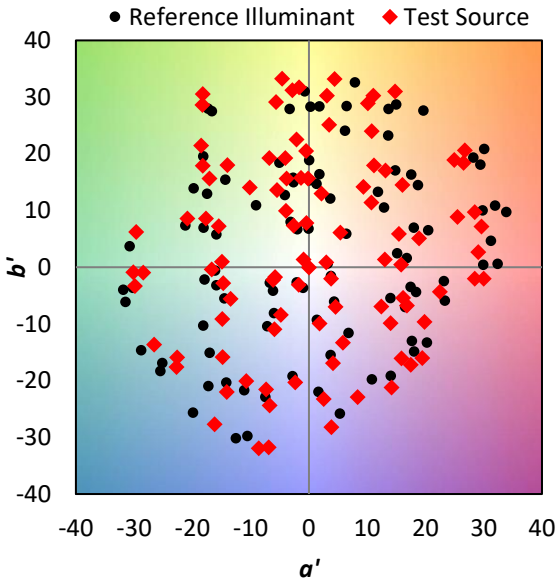
Summary

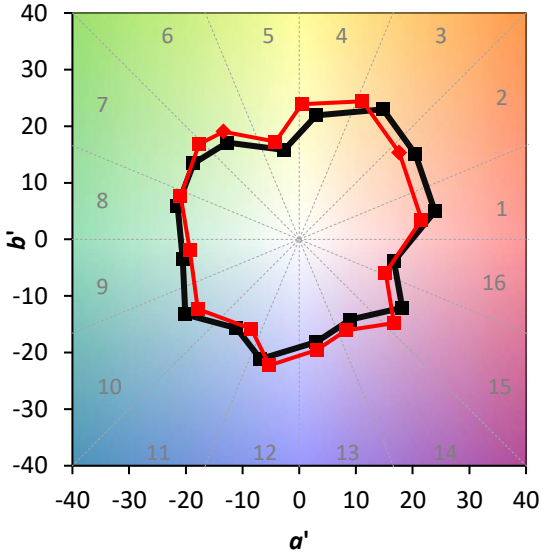
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

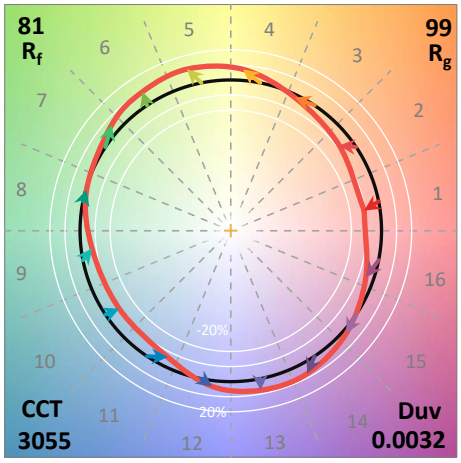
Spectral Power Distribution Comparison

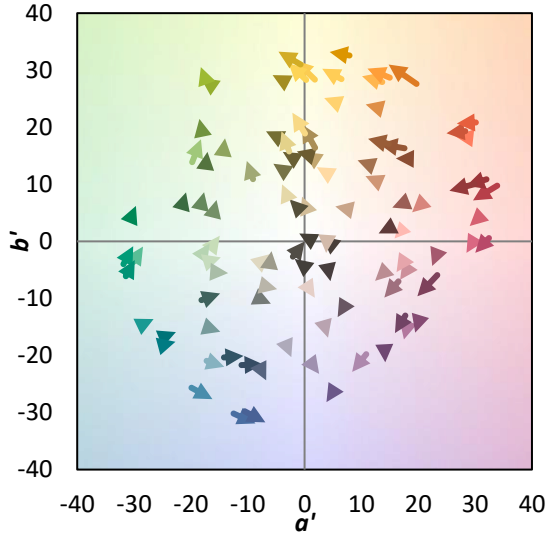


Color Vector Graphics









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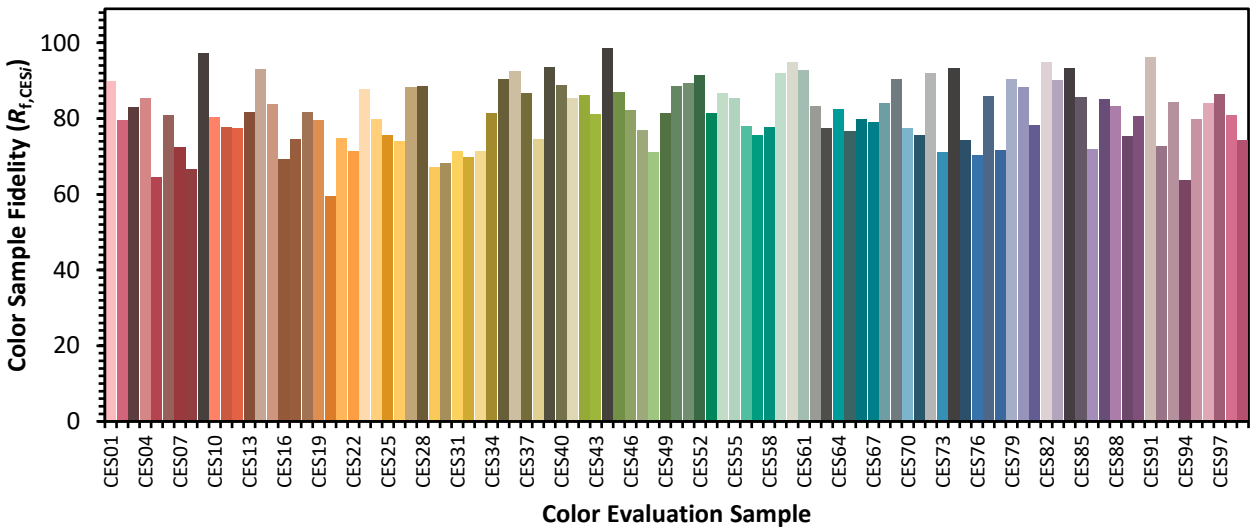
Individual Sample Fidelity Index ($R_{f,i}$)

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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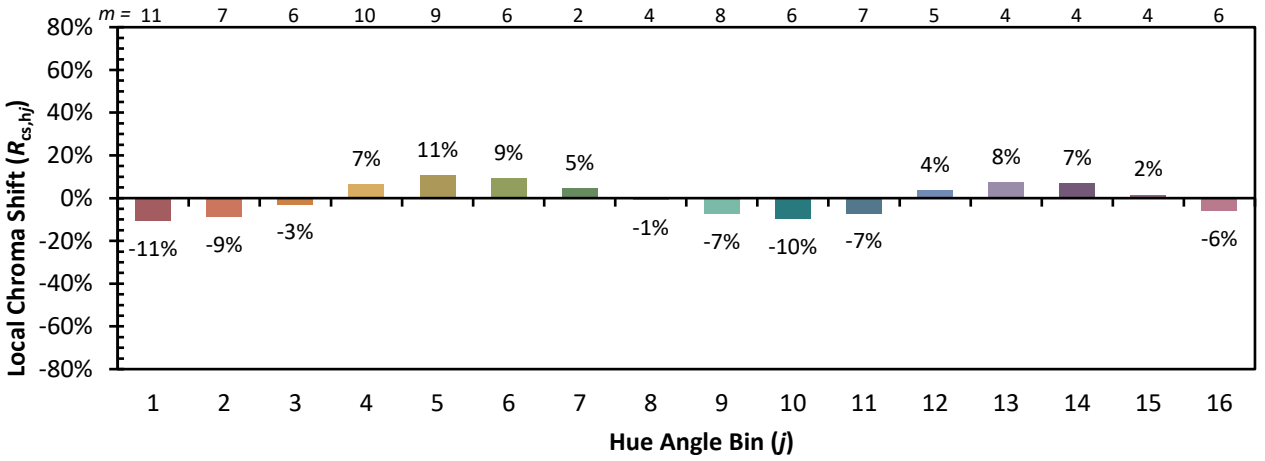
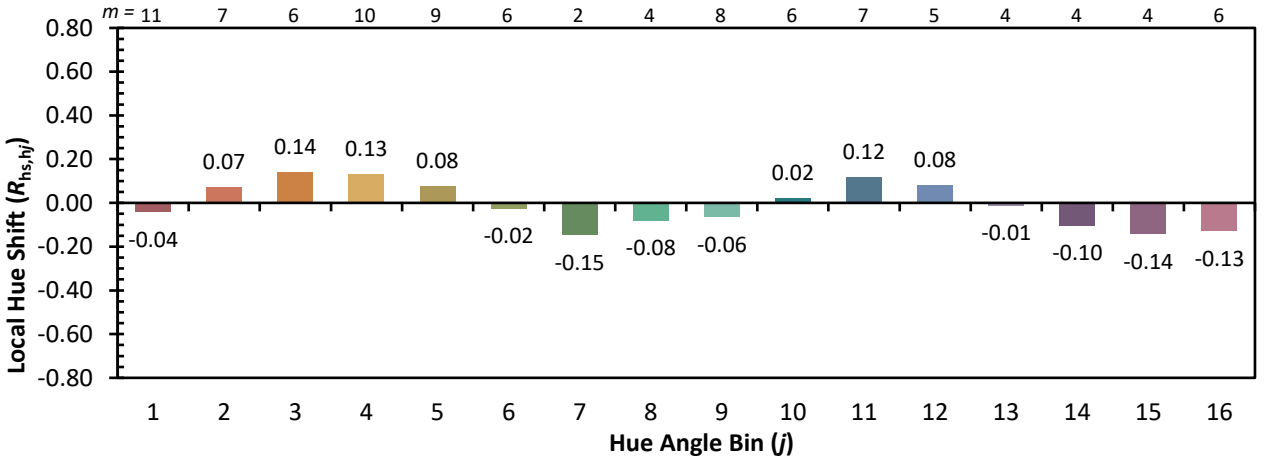
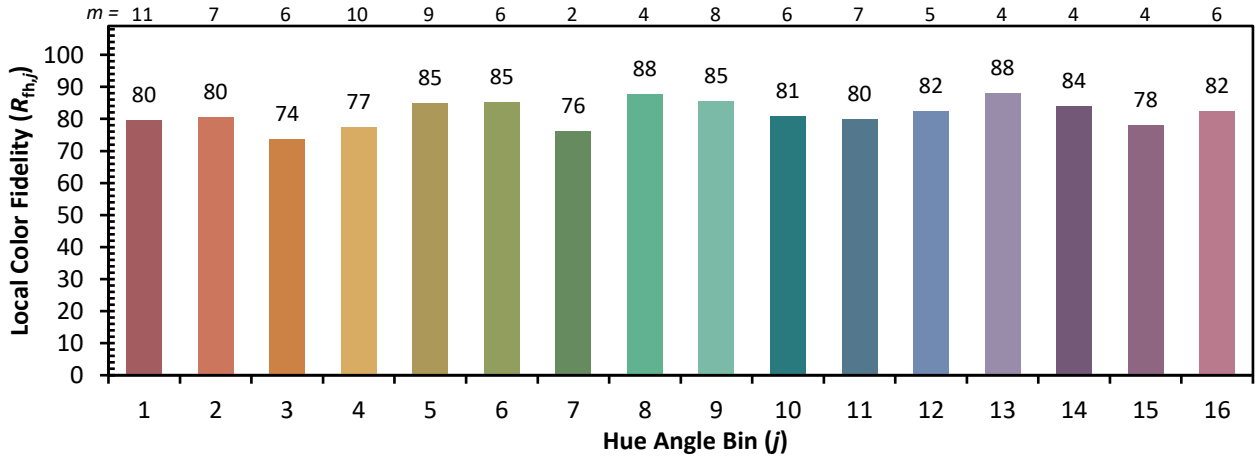
Color Rendition by Hue-Angle Bin







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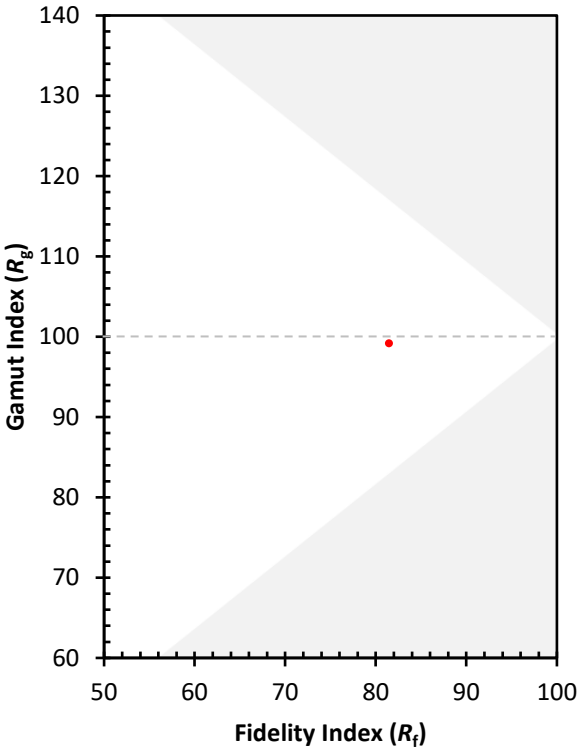
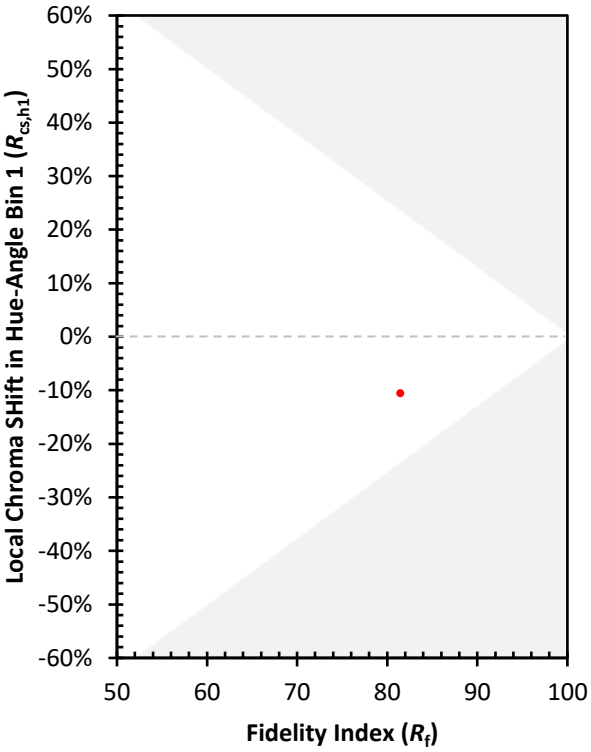
Measure Comparisons





(END OF REPORT)