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: P1458939

Luminaire Tested: GLAN-SB5A-830-U-T4LG-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:	P1458939
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5A-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14758.7 lumens
Efficiency:	N/A
Efficacy:	104.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	141.7
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: P1458939
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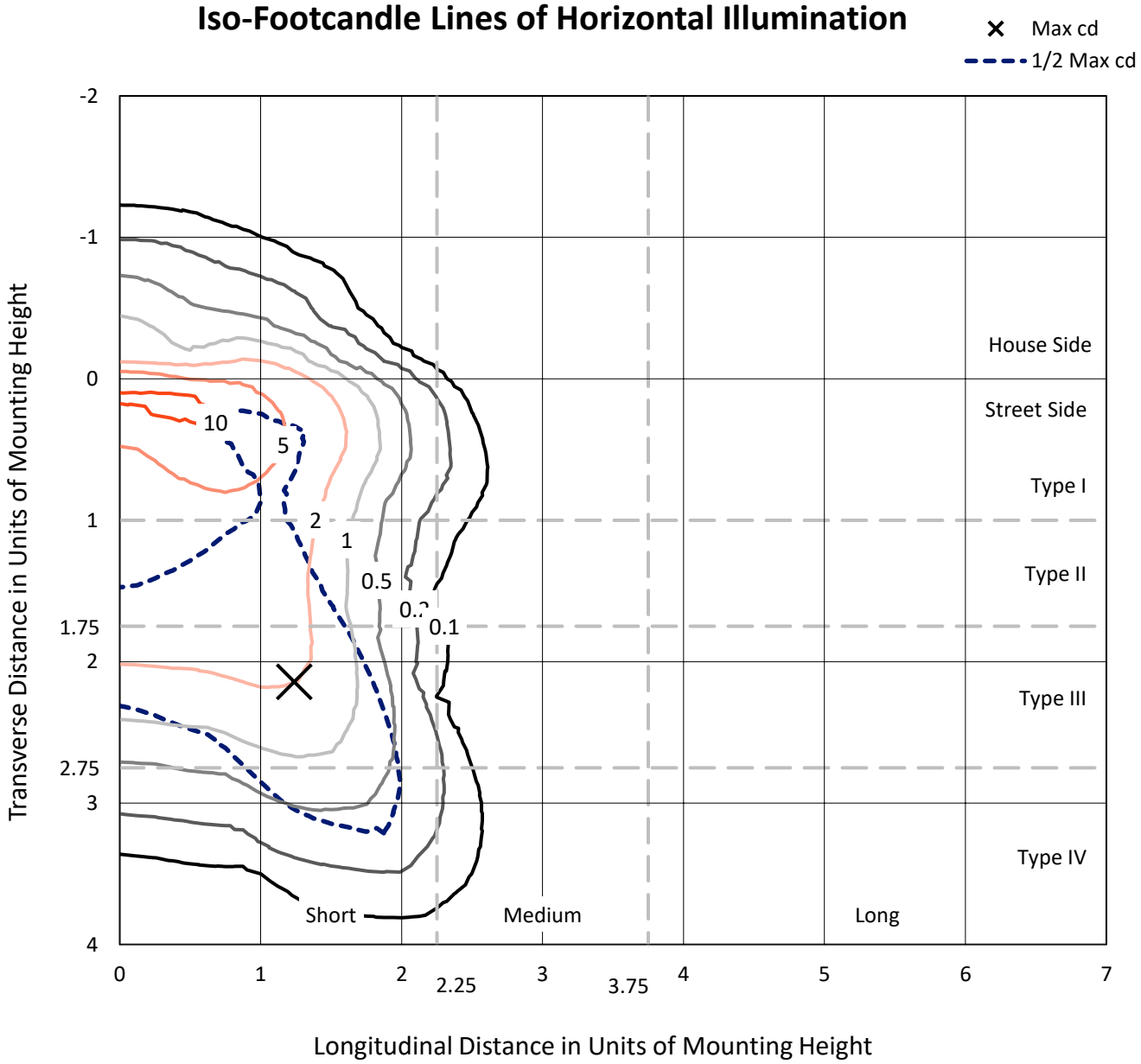
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 11.1 fc
Type IV - Short - N/A

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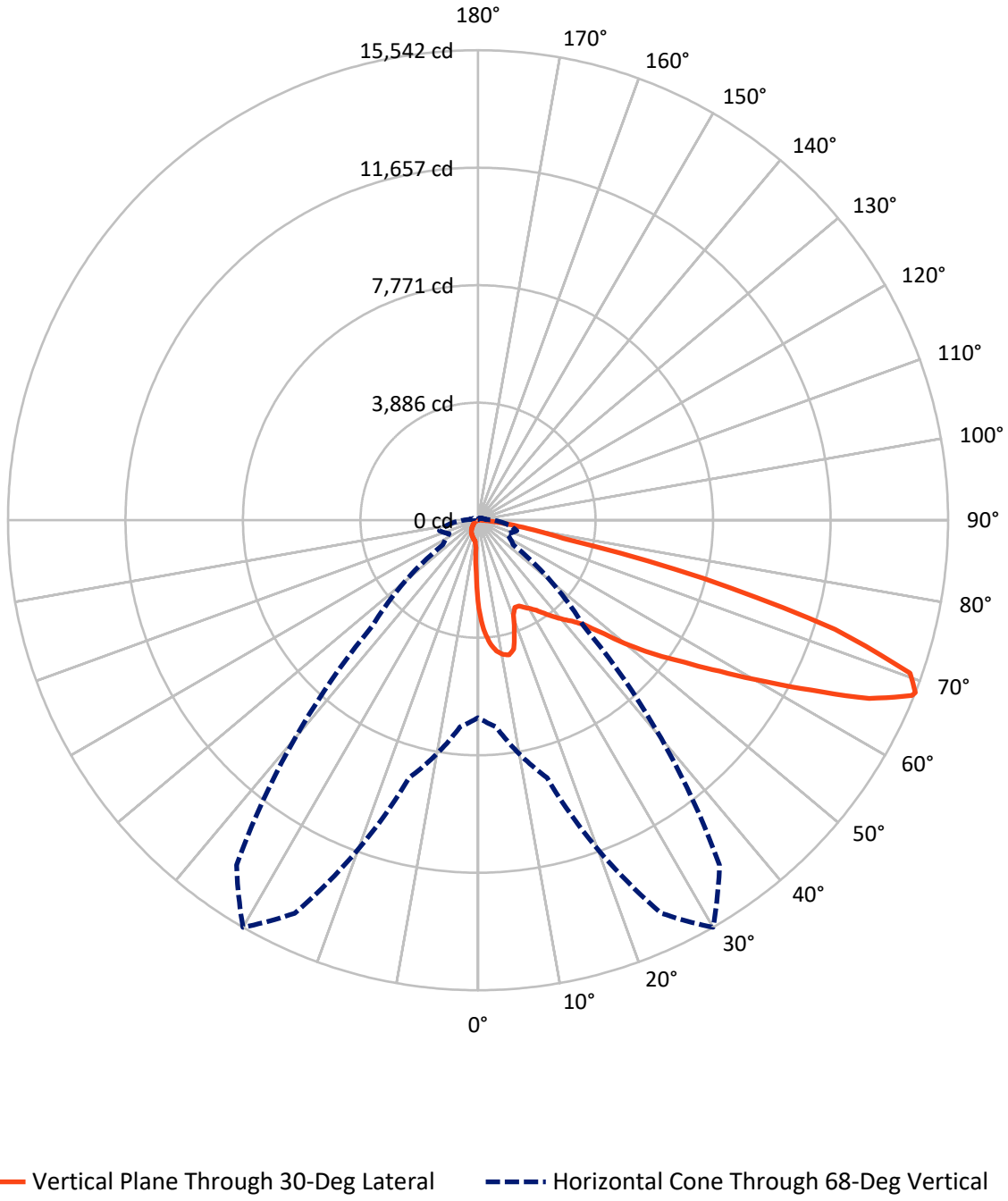
Luminous Intensity Polar Plot



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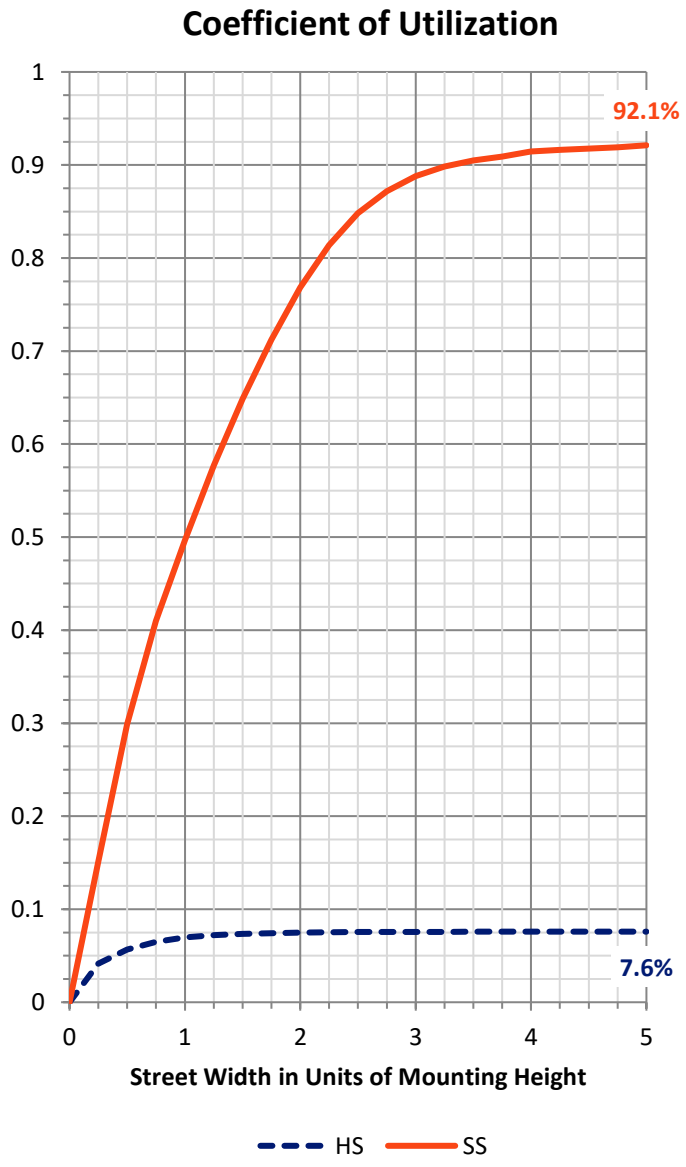
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1126.5	0.0	1126.5
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	13632.3	0.0	13632.3
	% Fixture	92.4	0.0	92.4
Total	Lumens	14758.7	0.0	14758.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.1	1.7
10°-20°	716.9	4.9
20°-30°	1126.6	7.6
30°-40°	1767.0	12.0
40°-50°	2641.2	17.9
50°-60°	3513.7	23.8
60°-70°	3396.6	23.0
70°-80°	1221.0	8.3
80°-90°	124.6	0.8
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°	14758.7	100.0
0°-180°	14758.7	100.0



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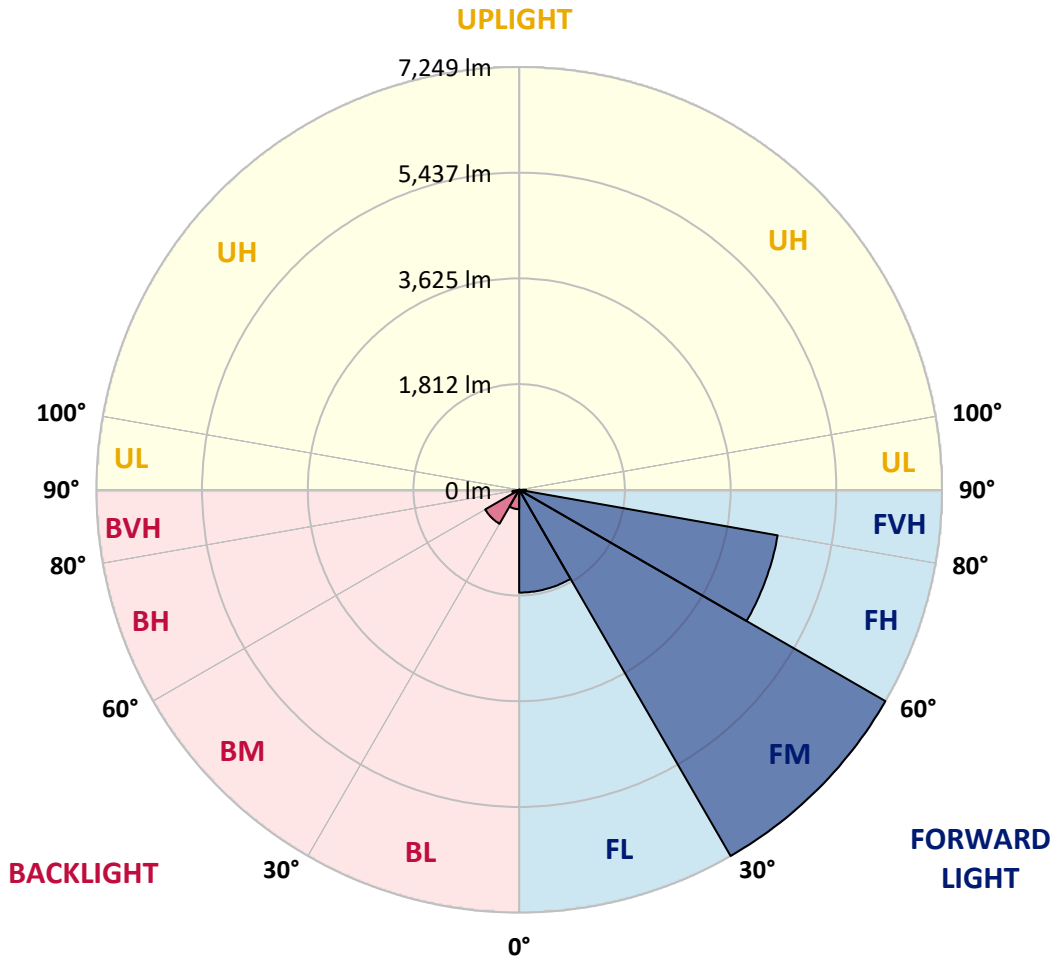
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1762.2	11.9			
FM	(30°-60°)	7249.5	49.1			
FH	(60°-80°)	4500.4	30.5			G2/5000
FVH	(80°-90°)	120.2	0.8			G2/225
BL	(0°-30°)	332.5	2.3	B1/500		
BM	(30°-60°)	672.4	4.6	B1/1000		
BH	(60°-80°)	117.2	0.8	B1/500		G1/500
BVH	(80°-90°)	4.4	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2910.2	2910.2	2910.2	2910.2	*2910.2*	2910.2	2910.2	2910.2	2910.2	2910.2	2910.2
2.5°	3719.6	3719.6	3693.1	3657.7	*3617.9*	3604.6	3529.4	3423.3	3312.7	3184.5	2998.7
5°	4197.3	4192.9	4139.8	4139.8	*4086.7*	4038.1	3962.9	3808.1	3631.2	3401.2	3078.3
7.5°	4409.6	4418.4	4396.3	4396.3	*4365.4*	4330.0	4285.8	4135.4	3927.5	3617.9	3157.9
10°	4484.8	4489.2	4489.2	4520.2	*4511.3*	4506.9	4502.5	4418.4	4201.7	3839.0	3242.0
12.5°	4303.4	4325.6	4387.5	4524.6	*4568.8*	4617.5	4683.8	4657.3	4506.9	4117.7	3370.2
15°	3719.6	3724.1	3896.5	4237.1	*4418.4*	4604.2	4860.7	4913.8	4816.5	4418.4	3502.9
17.5°	3069.5	3082.7	3219.8	3600.2	*3892.1*	4321.1	4962.5	5179.2	5143.8	4714.8	3626.8
20°	2799.7	2817.4	2883.7	3122.5	*3343.7*	3741.7	4860.7	5431.3	5444.5	5011.1	3741.7
22.5°	2737.8	2751.0	2804.1	2989.9	*3127.0*	3392.3	4515.7	5630.3	5785.1	5351.7	3878.9
25°	2720.1	2733.3	2812.9	3016.4	*3144.7*	3365.8	4201.7	5736.5	6187.6	5705.5	4011.5
27.5°	2706.8	2724.5	2852.7	3113.7	*3264.1*	3476.4	4144.2	5758.6	6572.4	6081.4	4228.3
30°	2724.5	2751.0	2919.1	3215.4	*3387.9*	3626.8	4281.3	5780.7	6997.0	6510.5	4502.5
32.5°	2795.3	2817.4	3020.8	3352.5	*3551.6*	3821.4	4515.7	5913.4	7399.5	6948.3	4763.4
35°	2874.9	2905.8	3149.1	3547.1	*3786.0*	4091.2	4834.2	6174.3	7784.2	7364.1	5033.2
37.5°	2972.2	3007.5	3299.5	3768.3	*4042.5*	4387.5	5179.2	6537.0	8124.8	7704.6	5303.0
40°	3104.9	3144.7	3472.0	4002.7	*4299.0*	4644.0	5519.7	6895.2	8385.8	7908.1	5479.9
42.5°	3626.8	3679.8	3816.9	4232.7	*4564.4*	4918.2	5855.9	7235.8	8483.1	7974.4	5515.3
45°	4599.8	4652.9	4617.5	4697.1	*4918.2*	5249.9	6223.0	7563.1	8496.3	7956.7	5497.6
47.5°	5577.2	5639.2	5608.2	5564.0	*5612.6*	5771.8	6634.3	7771.0	8425.6	7947.9	5497.6
50°	6510.5	6475.1	6479.5	6466.2	*6510.5*	6594.5	7032.4	7810.8	8407.9	8031.9	5546.3
52.5°	7010.2	7027.9	7138.5	7302.2	*7399.5*	7483.5	7487.9	7872.7	8279.6	7890.4	5488.8
55°	7501.2	7536.6	7793.1	8071.7	*8288.5*	8447.7	7943.5	7832.9	7514.5	7417.1	5188.0
57.5°	8054.0	8102.7	8465.4	9040.3	*9420.7*	9504.7	8394.6	7089.9	6360.1	6740.4	4604.2
60°	8814.8	8872.3	9354.4	10216.8	*10783.0*	10610.5	8430.0	5909.0	5050.9	5594.9	3799.2
62.5°	9411.9	9526.9	10398.2	11742.7	*12366.3*	11817.9	7771.0	4529.0	3529.4	3931.9	2773.1
65°	8775.0	8996.1	10415.9	13489.7	*14210.7*	13237.6	6736.0	3091.6	1990.3	2543.1	1773.6
67.5°	7094.3	7403.9	9248.2	14338.9	*15475.6*	13985.1	5303.0	1640.9	1141.1	1477.2	933.2
68°	*6528.2*	*6864.3*	*8819.2*	*14338.9*	*15542.0*	*13918.8*	*4922.7*	*1419.7*	*1052.6*	*1326.9*	*809.4*
70°	4511.3	4750.2	6780.3	13534.0	*15152.7*	12689.2	3242.0	813.8	791.7	911.1	535.2
72.5°	2211.4	2468.0	3626.8	10725.5	*12344.2*	9752.4	1477.2	539.6	601.5	667.9	420.2
75°	880.2	933.2	1428.6	5289.7	*7713.5*	6223.0	774.0	406.9	517.5	521.9	331.7
77.5°	504.2	535.2	791.7	1946.1	*2892.6*	2782.0	499.8	291.9	411.3	375.9	216.7
80°	283.1	287.5	446.7	1026.1	*1654.2*	1481.7	340.6	212.3	314.0	265.4	146.0
82.5°	141.5	159.2	283.1	566.1	*920.0*	942.1	181.3	150.4	252.1	190.2	119.4
85°	101.7	110.6	203.5	314.0	*424.6*	636.9	110.6	75.2	190.2	128.3	84.0
87.5°	53.1	66.3	128.3	154.8	*172.5*	216.7	53.1	35.4	106.1	75.2	44.2
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: P1458939
CATALOG NUMBER: GLAN-SB5A-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2910.2	2910.2	2910.2	2910.2	2910.2	2910.2	2910.2	2910.2	2910.2	2910.2	2910.2
2.5°	2910.2	2808.5	2600.6	2357.4	2167.2	1972.6	1813.4	1663.0	1592.2	1583.4	1601.1
5°	2897.0	2675.8	2202.6	1738.2	1357.8	1092.4	946.5	871.3	831.5	813.8	818.2
7.5°	2870.4	2534.3	1778.0	1176.5	880.2	765.2	729.8	716.5	712.1	712.1	712.1
10°	2843.9	2344.1	1362.2	862.5	720.9	690.0	681.1	681.1	676.7	676.7	681.1
12.5°	2830.6	2167.2	1057.1	720.9	672.3	659.0	650.2	645.7	645.7	645.7	650.2
15°	2799.7	1972.6	853.6	667.9	641.3	623.6	619.2	614.8	614.8	614.8	614.8
17.5°	2773.1	1782.4	743.0	632.5	610.4	592.7	588.2	583.8	583.8	588.2	588.2
20°	2733.3	1601.1	667.9	597.1	579.4	561.7	557.3	552.9	557.3	557.3	557.3
22.5°	2684.7	1450.7	623.6	570.5	548.4	530.7	530.7	530.7	530.7	530.7	535.2
25°	2653.7	1344.6	592.7	539.6	517.5	504.2	499.8	499.8	508.6	508.6	513.1
27.5°	2702.4	1318.0	597.1	530.7	490.9	477.7	473.2	473.2	482.1	486.5	490.9
30°	2848.3	1366.7	650.2	557.3	473.2	451.1	446.7	446.7	460.0	464.4	468.8
32.5°	3016.4	1468.4	729.8	592.7	460.0	424.6	415.7	415.7	429.0	433.4	437.9
35°	3246.4	1627.6	835.9	623.6	468.8	398.1	380.4	380.4	389.2	398.1	402.5
37.5°	3542.7	1888.6	959.8	645.7	468.8	367.1	345.0	340.6	349.4	349.4	353.8
40°	3852.3	2229.1	1088.0	645.7	446.7	336.1	314.0	300.8	305.2	300.8	305.2
42.5°	4024.8	2503.3	1198.6	605.9	420.2	305.2	283.1	265.4	260.9	252.1	256.5
45°	4122.1	2627.2	1167.6	561.7	393.6	283.1	256.5	234.4	225.6	212.3	212.3
47.5°	4122.1	2640.5	999.6	526.3	367.1	265.4	230.0	207.9	194.6	181.3	185.8
50°	4073.5	2521.0	791.7	490.9	336.1	247.7	207.9	190.2	172.5	163.6	163.6
52.5°	3870.0	2131.8	605.9	446.7	300.8	225.6	185.8	168.1	150.4	146.0	146.0
55°	3520.6	1565.7	490.9	402.5	269.8	207.9	168.1	154.8	137.1	128.3	128.3
57.5°	2861.6	1070.3	406.9	362.7	238.8	185.8	150.4	137.1	115.0	106.1	106.1
60°	2123.0	698.8	345.0	318.4	203.5	168.1	132.7	115.0	97.3	88.5	84.0
62.5°	1433.0	473.2	287.5	252.1	172.5	146.0	115.0	97.3	75.2	57.5	57.5
65°	893.4	367.1	238.8	199.0	150.4	128.3	97.3	75.2	53.1	39.8	35.4
67.5°	513.1	296.3	194.6	154.8	128.3	101.7	75.2	61.9	44.2	31.0	26.5
68°	*473.2*	*283.1*	*181.3*	*146.0*	*119.4*	*97.3*	*70.8*	*57.5*	*39.8*	*26.5*	*26.5*
70°	384.8	252.1	154.8	119.4	101.7	79.6	61.9	48.7	31.0	17.7	17.7
72.5°	340.6	212.3	132.7	92.9	70.8	66.3	48.7	35.4	22.1	13.3	8.8
75°	278.6	168.1	106.1	70.8	48.7	48.7	35.4	22.1	8.8	0.0	0.0
77.5°	181.3	123.8	84.0	44.2	26.5	31.0	22.1	8.8	0.0	0.0	0.0
80°	119.4	92.9	57.5	22.1	13.3	13.3	4.4	0.0	0.0	0.0	0.0
82.5°	84.0	61.9	35.4	8.8	4.4	4.4	0.0	0.0	0.0	0.0	0.0
85°	53.1	26.5	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.1	8.8	4.4	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

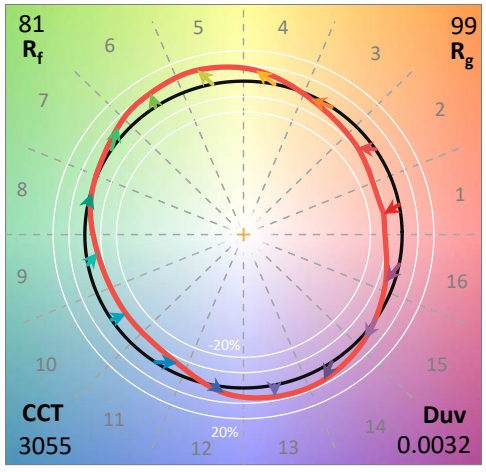
Test Information

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

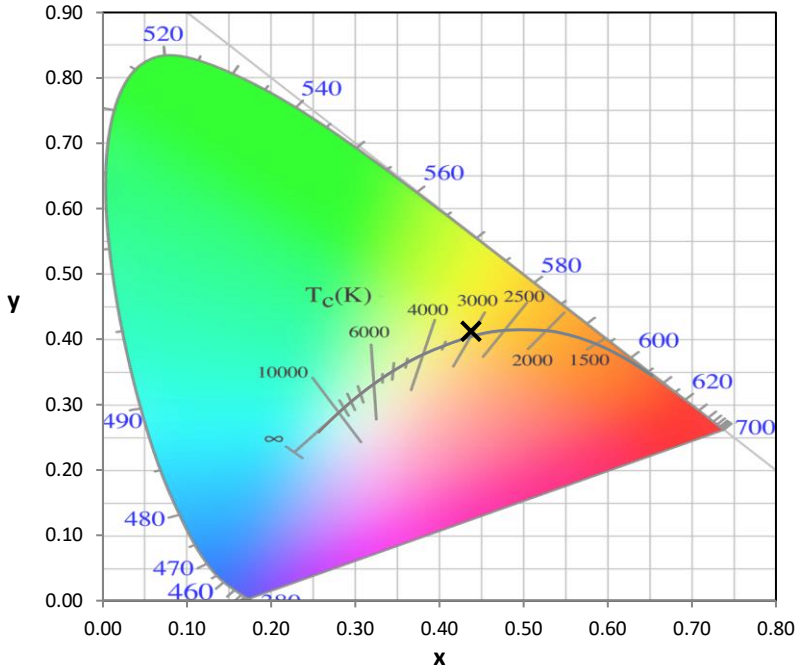
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

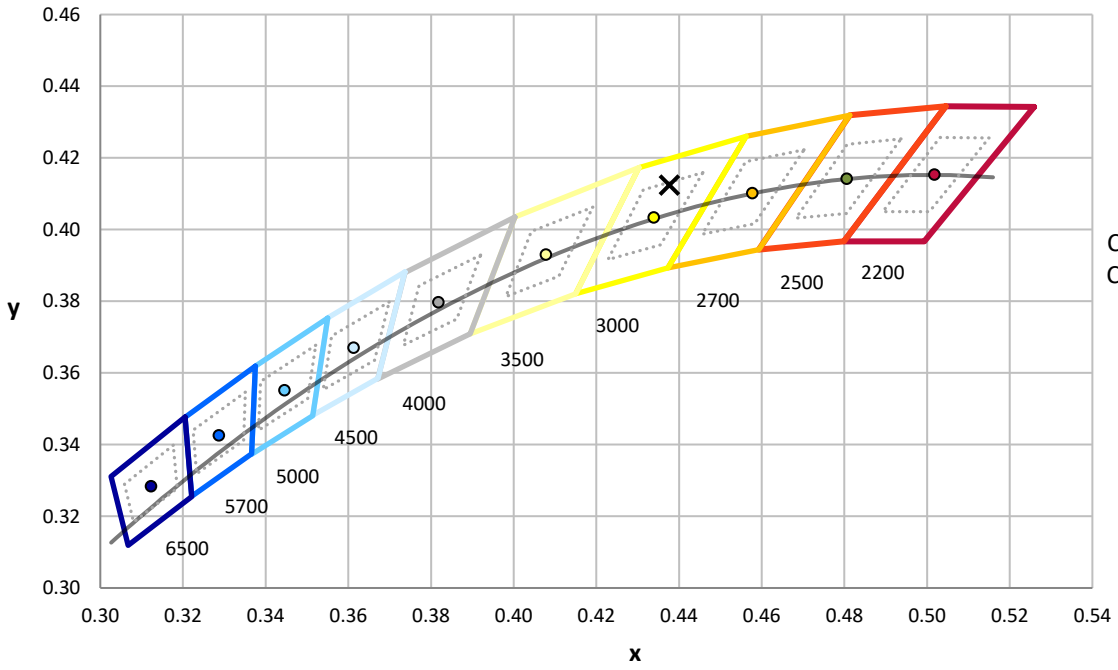
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

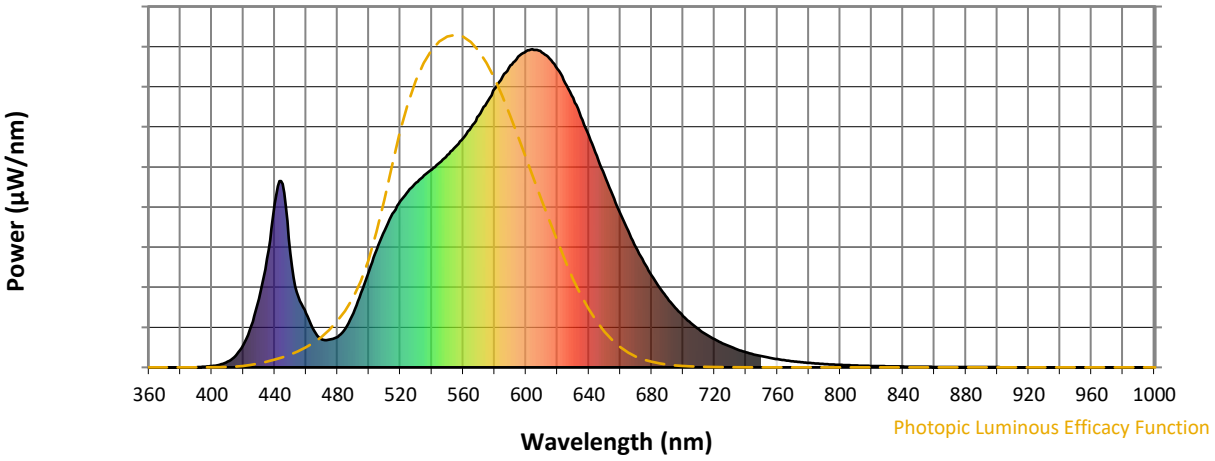


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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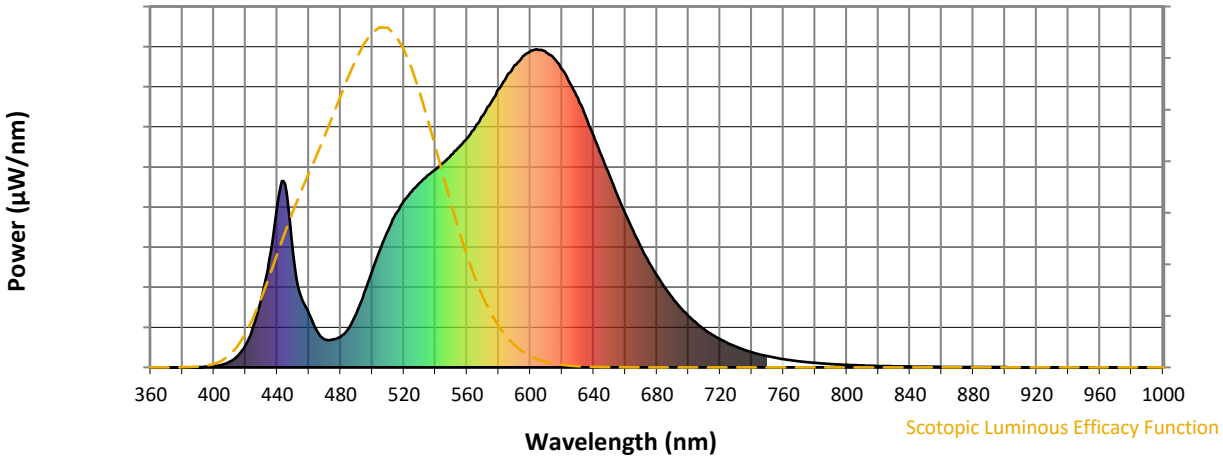
Scotopic Flux vs. Wavelength



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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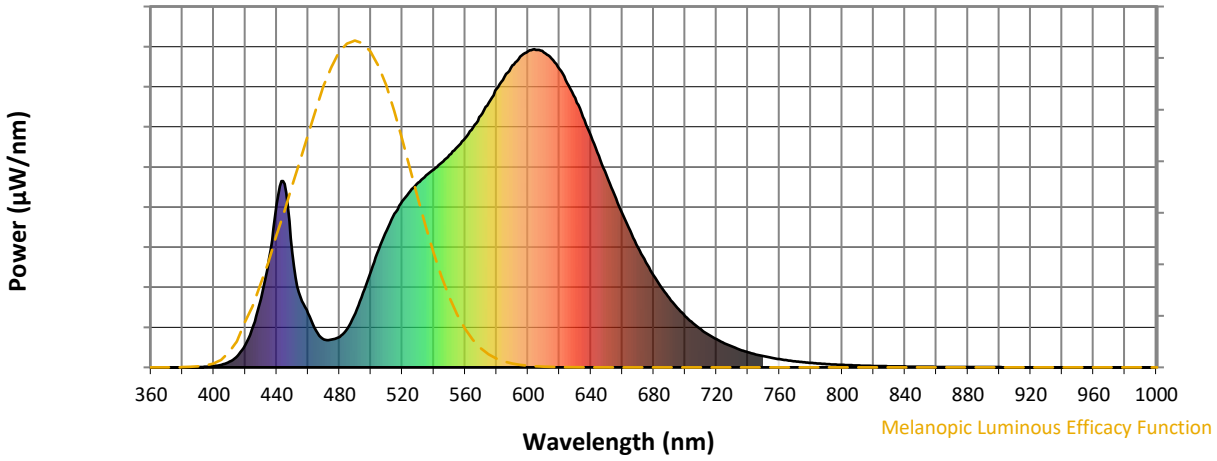
Melanopic Flux vs. Wavelength



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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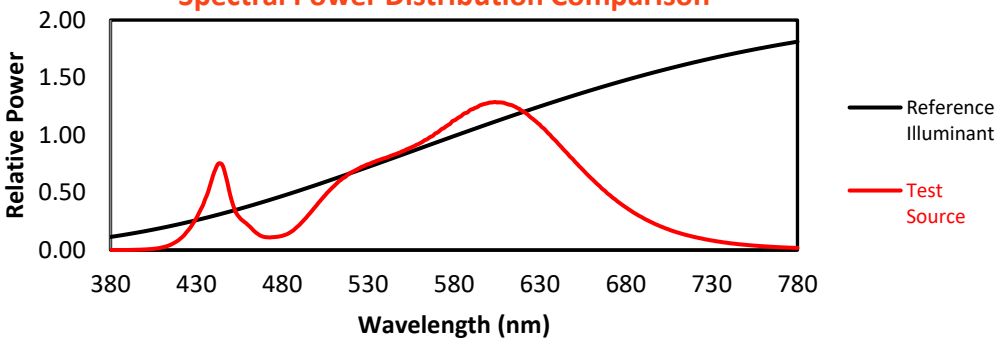
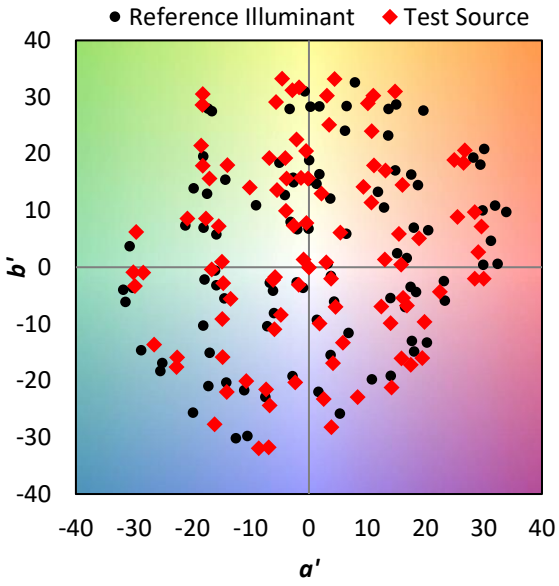
Summary

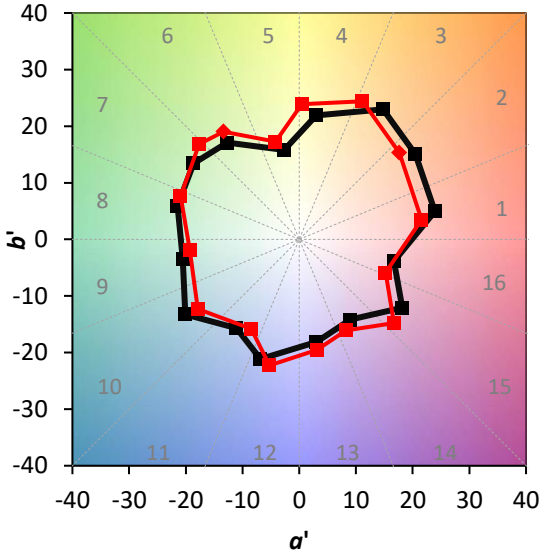
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

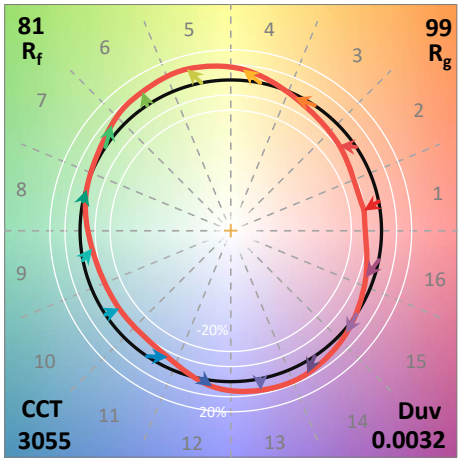
Spectral Power Distribution Comparison

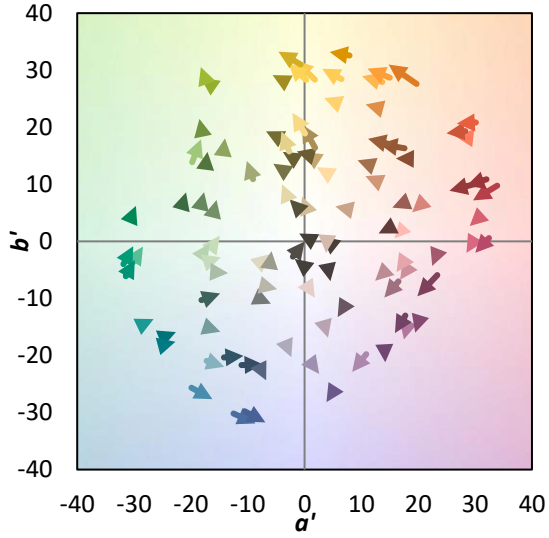


Color Vector Graphics









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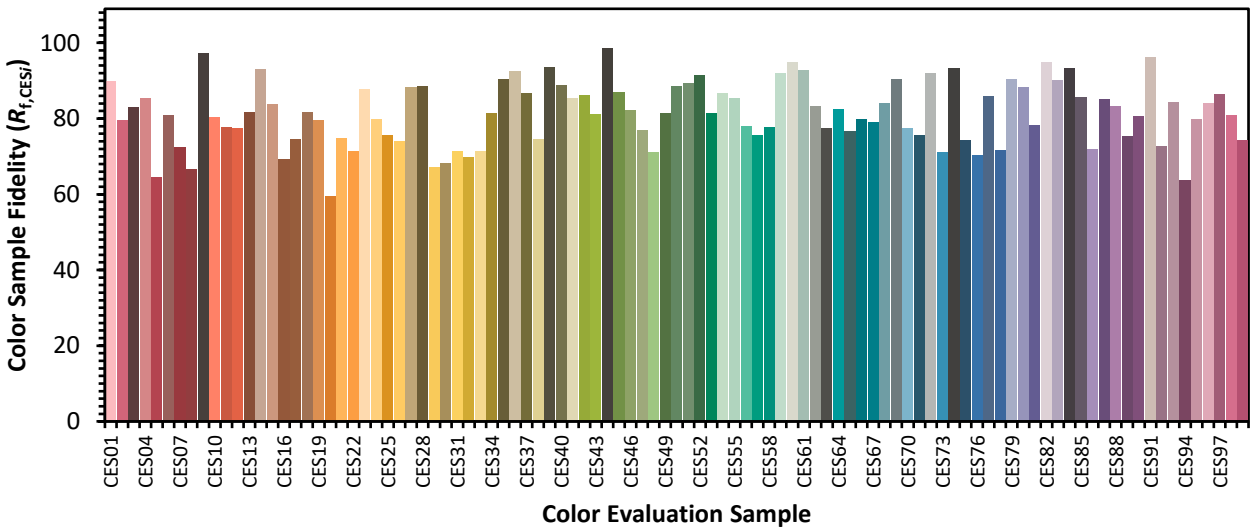
Individual Sample Fidelity Index ($R_{f,i}$)

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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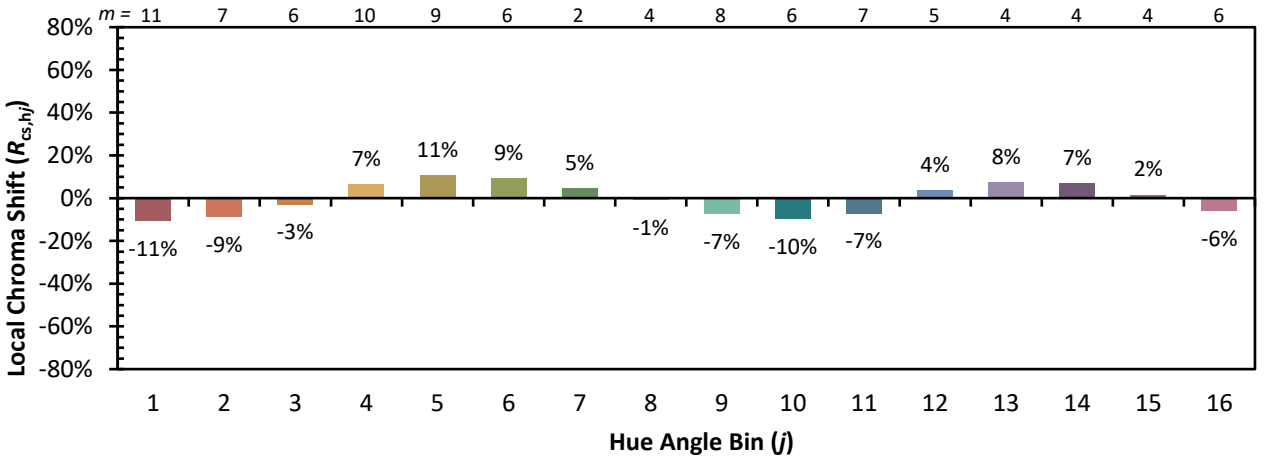
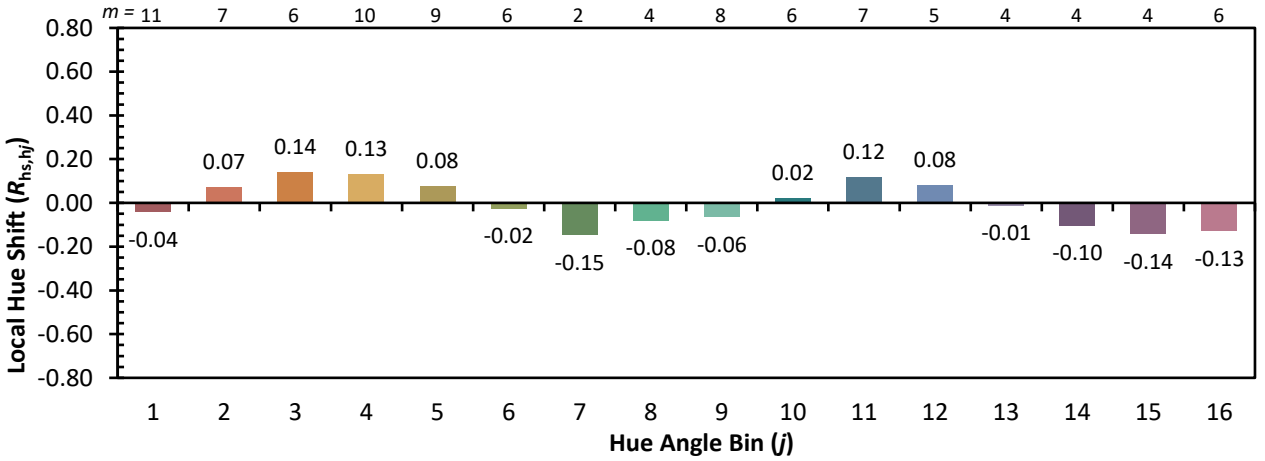
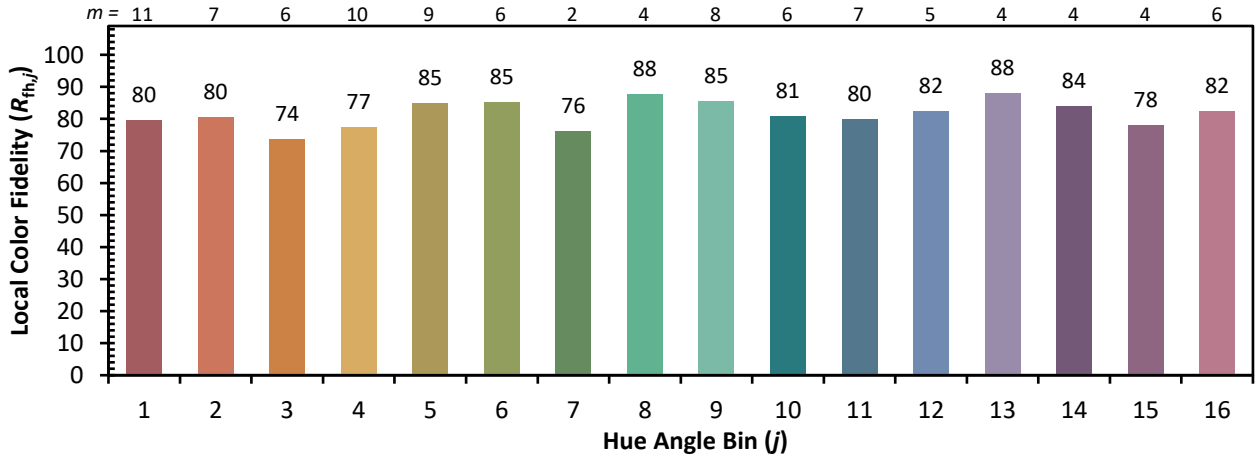
Color Rendition by Hue-Angle Bin







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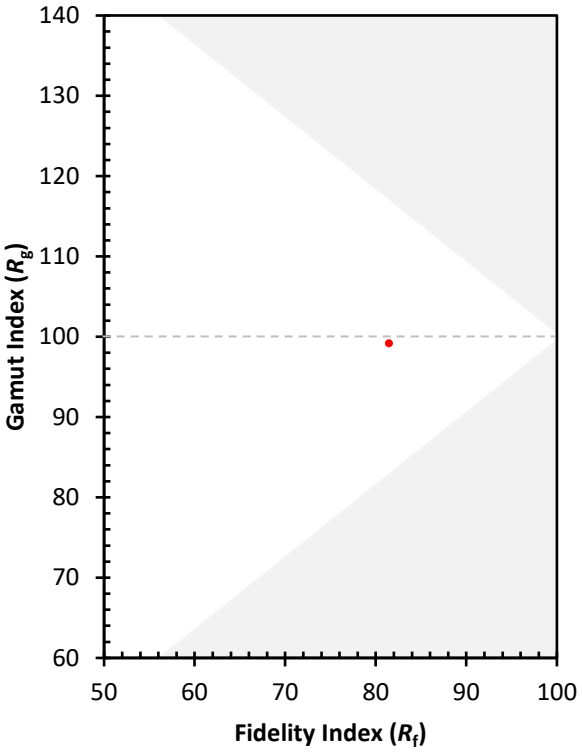
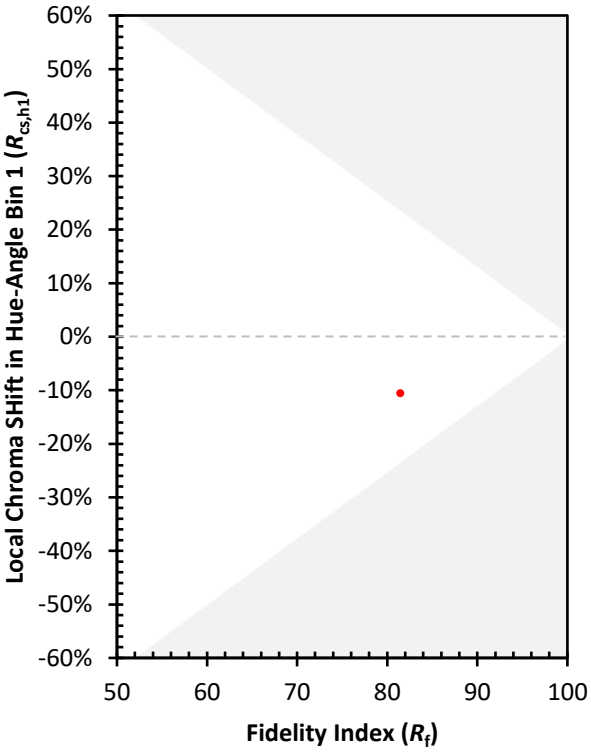
Measure Comparisons





(END OF REPORT)