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: P1458935

Luminaire Tested: GLAN-SB4A-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:	P1458935
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11709.5 lumens
Efficiency:	N/A
Efficacy:	102.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	114
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: P1458935
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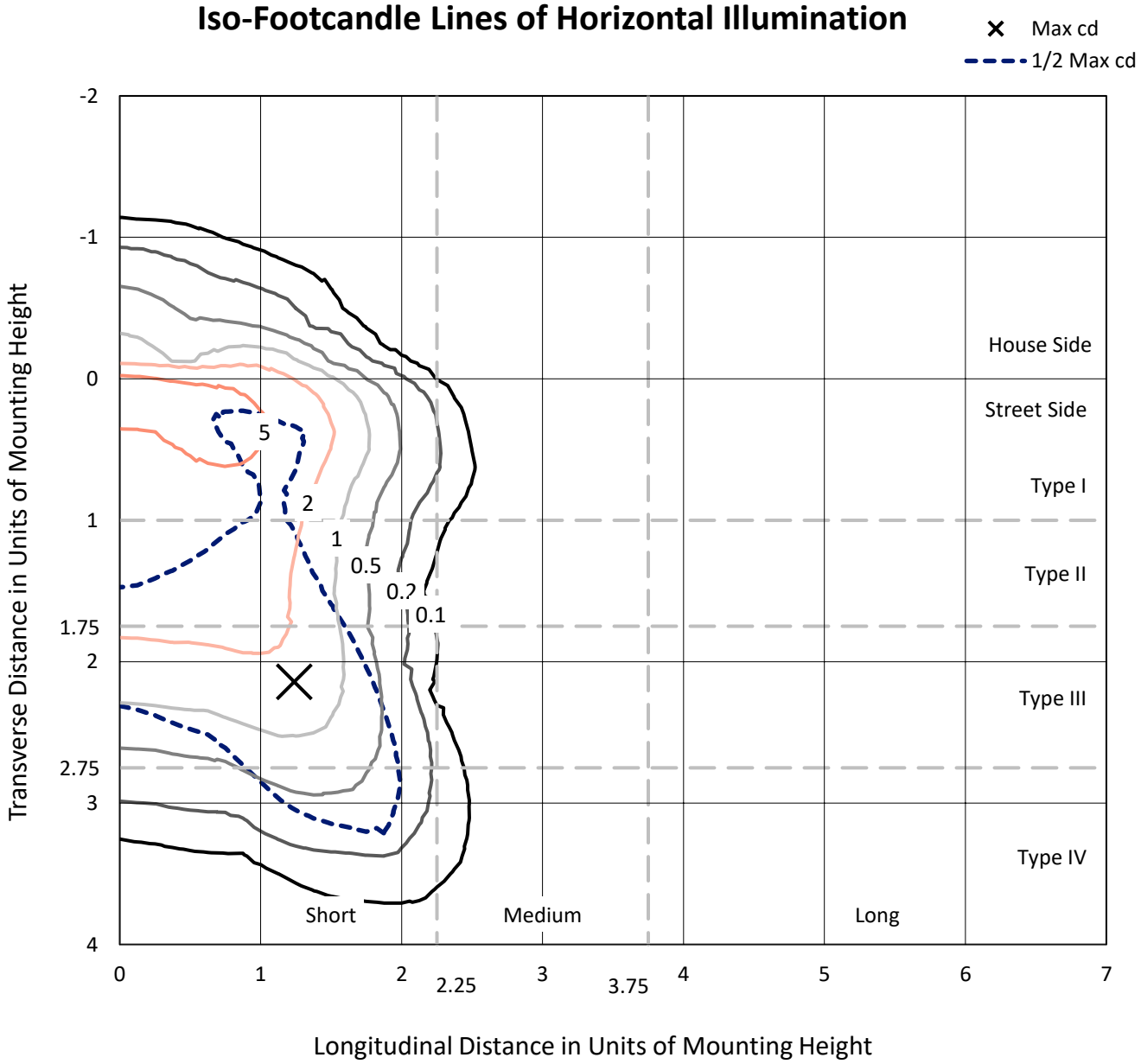
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.8 fc
Type IV - Short - N/A

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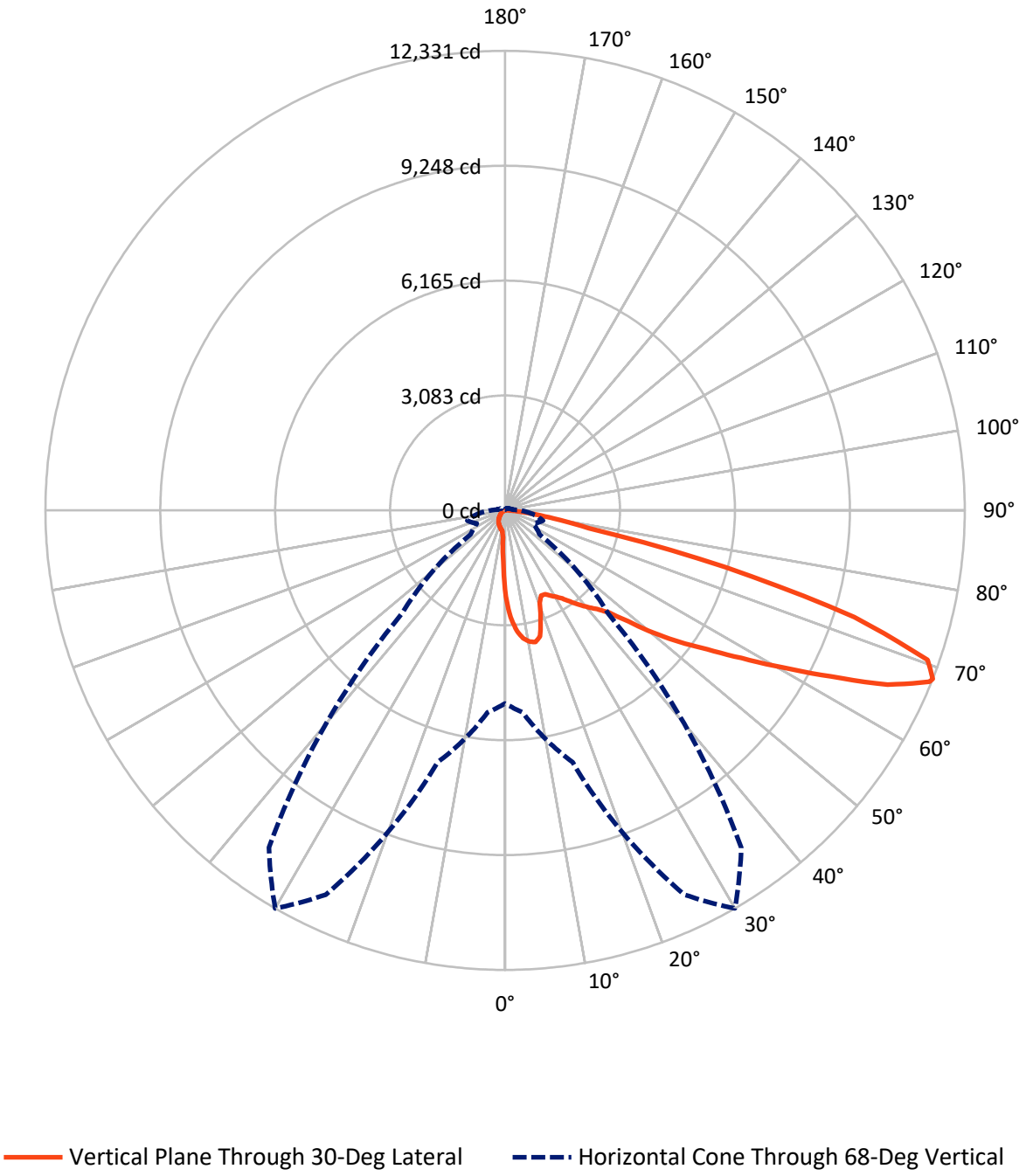
Luminous Intensity Polar Plot



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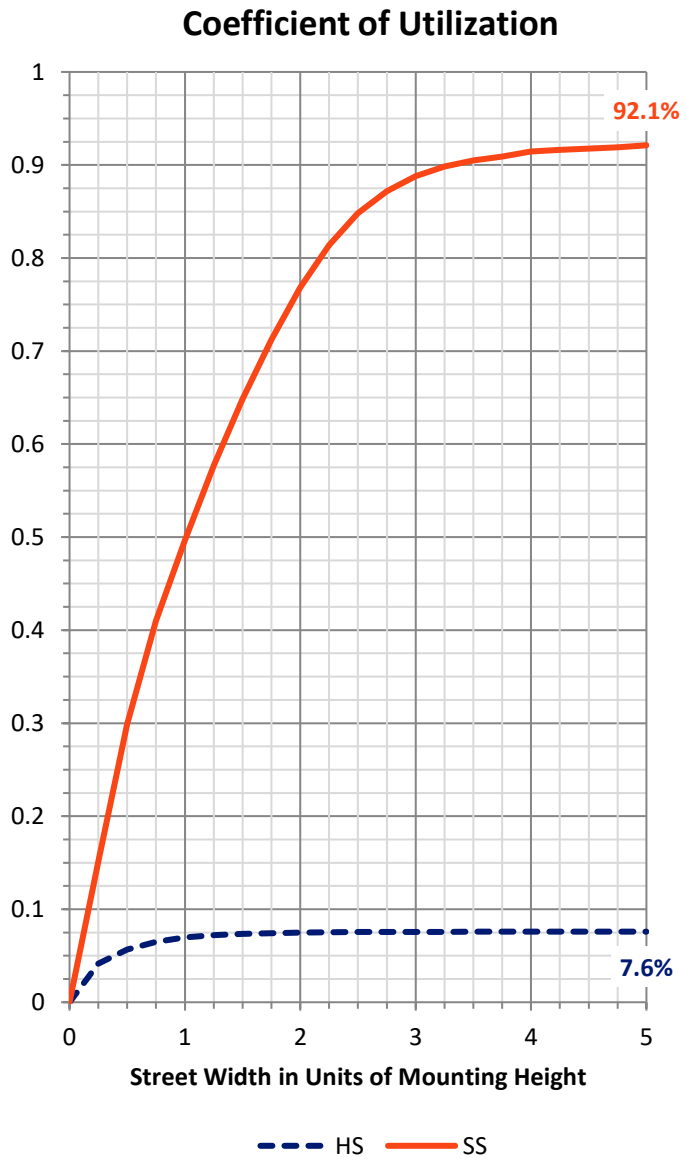
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	893.7	0.0	893.7
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	10815.7	0.0	10815.7
	% Fixture	92.4	0.0	92.4
Total	Lumens	11709.5	0.0	11709.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.2	1.7
10°-20°	568.8	4.9
20°-30°	893.9	7.6
30°-40°	1402.0	12.0
40°-50°	2095.5	17.9
50°-60°	2787.7	23.8
60°-70°	2694.9	23.0
70°-80°	968.7	8.3
80°-90°	98.9	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°	11709.5	100.0
0°-180°	11709.5	100.0



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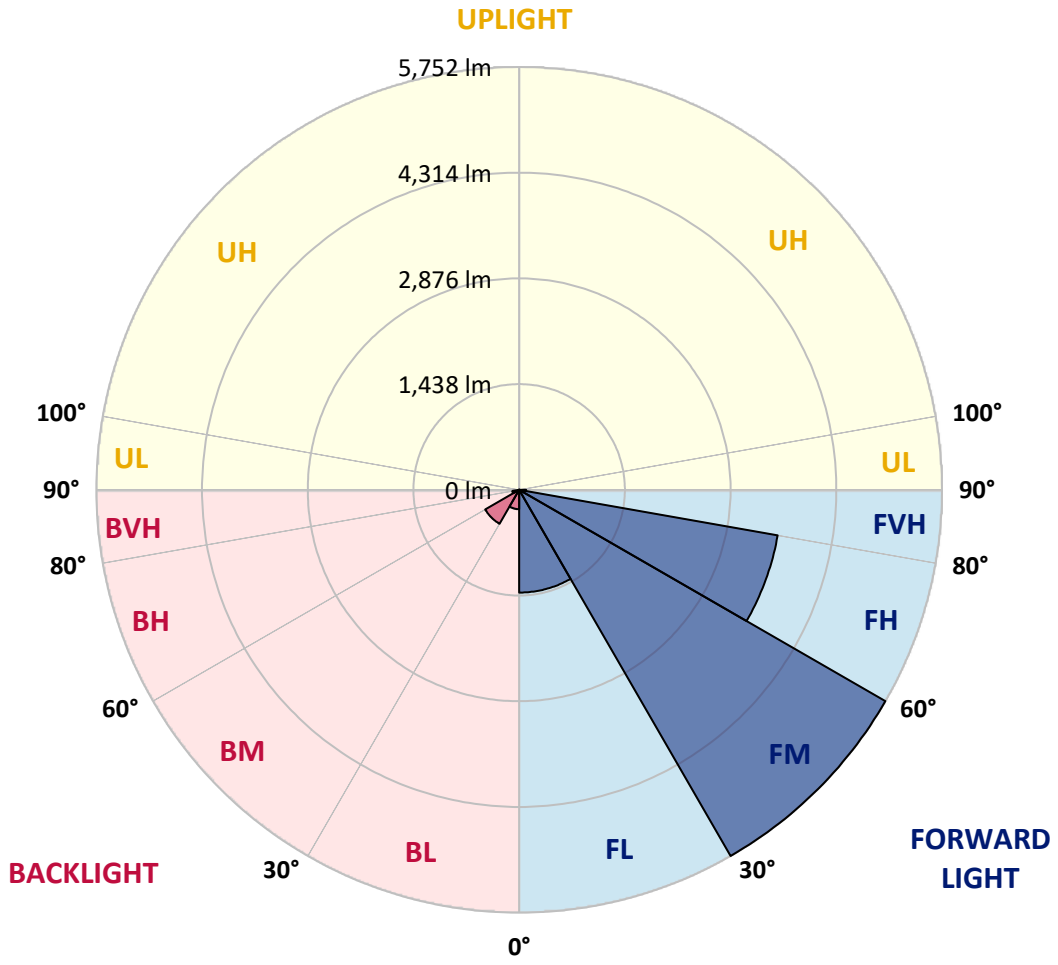
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1398.1	11.9			
FM	(30°-60°)	5751.7	49.1			
FH	(60°-80°)	3570.6	30.5			G2/5000
FVH	(80°-90°)	95.3	0.8			G1/100
BL	(0°-30°)	263.8	2.3	B1/500		
BM	(30°-60°)	533.5	4.6	B1/1000		
BH	(60°-80°)	93.0	0.8	B0/110		G0/110
BVH	(80°-90°)	3.5	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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REPORT NUMBER: P1458935
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2309.0	2309.0	2309.0	2309.0	*2309.0*	2309.0	2309.0	2309.0	2309.0	2309.0	2309.0
2.5°	2951.1	2951.1	2930.1	2902.0	*2870.4*	2859.9	2800.2	2716.0	2628.3	2526.5	2379.2
5°	3330.1	3326.6	3284.5	3284.5	*3242.4*	3203.8	3144.1	3021.3	2880.9	2698.5	2442.3
7.5°	3498.5	3505.6	3488.0	3488.0	*3463.5*	3435.4	3400.3	3281.0	3116.1	2870.4	2505.5
10°	3558.2	3561.7	3561.7	3586.3	*3579.3*	3575.7	3572.2	3505.6	3333.6	3045.9	2572.2
12.5°	3414.3	3431.9	3481.0	3589.8	*3624.9*	3663.5	3716.1	3695.1	3575.7	3266.9	2673.9
15°	2951.1	2954.6	3091.5	3361.7	*3505.6*	3652.9	3856.5	3898.6	3821.4	3505.6	2779.2
17.5°	2435.3	2445.8	2554.6	2856.4	*3088.0*	3428.4	3937.2	4109.1	4081.1	3740.7	2877.4
20°	2221.2	2235.3	2287.9	2477.4	*2652.9*	2968.7	3856.5	4309.1	4319.7	3975.8	2968.7
22.5°	2172.1	2182.6	2224.8	2372.1	*2480.9*	2691.5	3582.8	4467.1	4589.9	4246.0	3077.5
25°	2158.1	2168.6	2231.8	2393.2	*2495.0*	2670.4	3333.6	4551.3	4909.2	4526.7	3182.7
27.5°	2147.6	2161.6	2263.4	2470.4	*2589.7*	2758.1	3288.0	4568.8	5214.5	4825.0	3354.7
30°	2161.6	2182.6	2316.0	2551.1	*2688.0*	2877.4	3396.8	4586.4	5551.4	5165.4	3572.2
32.5°	2217.7	2235.3	2396.7	2659.9	*2817.8*	3031.8	3582.8	4691.6	5870.7	5512.8	3779.3
35°	2280.9	2305.5	2498.5	2814.3	*3003.8*	3245.9	3835.4	4898.7	6176.0	5842.6	3993.3
37.5°	2358.1	2386.2	2617.8	2989.7	*3207.3*	3481.0	4109.1	5186.4	6446.2	6112.8	4207.4
40°	2463.4	2495.0	2754.6	3175.7	*3410.8*	3684.5	4379.3	5470.6	6653.2	6274.2	4347.7
42.5°	2877.4	2919.5	3028.3	3358.2	*3621.4*	3902.1	4646.0	5740.8	6730.4	6326.9	4375.8
45°	3649.4	3691.5	3663.5	3726.6	*3902.1*	4165.3	4937.3	6000.5	6740.9	6312.8	4361.8
47.5°	4424.9	4474.1	4449.5	4414.4	*4453.0*	4579.3	5263.6	6165.4	6684.8	6305.8	4361.8
50°	5165.4	5137.3	5140.8	5130.3	*5165.4*	5232.0	5579.4	6197.0	6670.8	6372.5	4400.4
52.5°	5561.9	5575.9	5663.6	5793.5	*5870.7*	5937.4	5940.9	6246.2	6569.0	6260.2	4354.8
55°	5951.4	5979.5	6183.0	6404.1	*6576.0*	6702.3	6302.3	6214.6	5961.9	5884.7	4116.1
57.5°	6390.0	6428.6	6716.4	7172.5	*7474.3*	7541.0	6660.2	5625.0	5046.0	5347.8	3652.9
60°	6993.6	7039.2	7421.7	8106.0	*8555.1*	8418.3	6688.3	4688.1	4007.4	4439.0	3014.3
62.5°	7467.3	7558.5	8249.8	9316.6	*9811.4*	9376.2	6165.4	3593.3	2800.2	3119.6	2200.2
65°	6962.0	7137.5	8263.9	10702.7	*11274.7*	10502.7	5344.3	2452.8	1579.1	2017.7	1407.1
67.5°	5628.6	5874.2	7337.5	11376.4	*12278.3*	11095.7	4207.4	1301.9	905.3	1172.0	740.4
68°	*5179.4*	*5446.1*	*6997.1*	*11376.4*	*12330.9*	*11043.1*	*3905.6*	*1126.4*	*835.2*	*1052.7*	*642.2*
70°	3579.3	3768.7	5379.4	10737.8	*12022.1*	10067.5	2572.2	645.7	628.1	722.9	424.6
72.5°	1754.5	1958.1	2877.4	8509.5	*9793.8*	7737.5	1172.0	428.1	477.2	529.9	333.4
75°	698.3	740.4	1133.4	4196.9	*6119.8*	4937.3	614.1	322.8	410.6	414.1	263.2
77.5°	400.0	424.6	628.1	1544.0	*2294.9*	2207.2	396.5	231.6	326.3	298.3	171.9
80°	224.6	228.1	354.4	814.1	*1312.4*	1175.5	270.2	168.4	249.1	210.5	115.8
82.5°	112.3	126.3	224.6	449.2	*729.9*	747.4	143.9	119.3	200.0	150.9	94.7
85°	80.7	87.7	161.4	249.1	*336.9*	505.3	87.7	59.7	150.9	101.8	66.7
87.5°	42.1	52.6	101.8	122.8	*136.9*	171.9	42.1	28.1	84.2	59.7	35.1
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: P1458935
CATALOG NUMBER: GLAN-SB4A-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2309.0	2309.0	2309.0	2309.0	2309.0	2309.0	2309.0	2309.0	2309.0	2309.0	2309.0
2.5°	2309.0	2228.3	2063.3	1870.3	1719.4	1565.0	1438.7	1319.4	1263.3	1256.2	1270.3
5°	2298.4	2123.0	1747.5	1379.1	1077.3	866.7	750.9	691.3	659.7	645.7	649.2
7.5°	2277.4	2010.7	1410.6	933.4	698.3	607.1	579.0	568.5	565.0	565.0	565.0
10°	2256.3	1859.8	1080.8	684.3	572.0	547.4	540.4	540.4	536.9	536.9	540.4
12.5°	2245.8	1719.4	838.7	572.0	533.4	522.9	515.8	512.3	512.3	512.3	515.8
15°	2221.2	1565.0	677.3	529.9	508.8	494.8	491.3	487.8	487.8	487.8	487.8
17.5°	2200.2	1414.2	589.5	501.8	484.3	470.2	466.7	463.2	463.2	466.7	466.7
20°	2168.6	1270.3	529.9	473.7	459.7	445.7	442.1	438.6	442.1	442.1	442.1
22.5°	2130.0	1151.0	494.8	452.7	435.1	421.1	421.1	421.1	421.1	421.1	424.6
25°	2105.4	1066.8	470.2	428.1	410.6	400.0	396.5	396.5	403.5	403.5	407.1
27.5°	2144.0	1045.7	473.7	421.1	389.5	379.0	375.5	375.5	382.5	386.0	389.5
30°	2259.8	1084.3	515.8	442.1	375.5	357.9	354.4	354.4	364.9	368.5	372.0
32.5°	2393.2	1165.0	579.0	470.2	364.9	336.9	329.9	329.9	340.4	343.9	347.4
35°	2575.7	1291.3	663.2	494.8	372.0	315.8	301.8	301.8	308.8	315.8	319.3
37.5°	2810.8	1498.4	761.5	512.3	372.0	291.3	273.7	270.2	277.2	277.2	280.7
40°	3056.4	1768.6	863.2	512.3	354.4	266.7	249.1	238.6	242.1	238.6	242.1
42.5°	3193.3	1986.1	951.0	480.7	333.4	242.1	224.6	210.5	207.0	200.0	203.5
45°	3270.5	2084.4	926.4	445.7	312.3	224.6	203.5	186.0	179.0	168.4	168.4
47.5°	3270.5	2094.9	793.1	417.6	291.3	210.5	182.5	164.9	154.4	143.9	147.4
50°	3231.9	2000.2	628.1	389.5	266.7	196.5	164.9	150.9	136.9	129.8	129.8
52.5°	3070.4	1691.4	480.7	354.4	238.6	179.0	147.4	133.3	119.3	115.8	115.8
55°	2793.2	1242.2	389.5	319.3	214.1	164.9	133.3	122.8	108.8	101.8	101.8
57.5°	2270.4	849.2	322.8	287.7	189.5	147.4	119.3	108.8	91.2	84.2	84.2
60°	1684.4	554.4	273.7	252.7	161.4	133.3	105.3	91.2	77.2	70.2	66.7
62.5°	1136.9	375.5	228.1	200.0	136.9	115.8	91.2	77.2	59.7	45.6	45.6
65°	708.8	291.3	189.5	157.9	119.3	101.8	77.2	59.7	42.1	31.6	28.1
67.5°	407.1	235.1	154.4	122.8	101.8	80.7	59.7	49.1	35.1	24.6	21.1
68°	*375.5*	*224.6*	*143.9*	*115.8*	*94.7*	*77.2*	*56.1*	*45.6*	*31.6*	*21.1*	*21.1*
70°	305.3	200.0	122.8	94.7	80.7	63.2	49.1	38.6	24.6	14.0	14.0
72.5°	270.2	168.4	105.3	73.7	56.1	52.6	38.6	28.1	17.5	10.5	7.0
75°	221.1	133.3	84.2	56.1	38.6	38.6	28.1	17.5	7.0	0.0	0.0
77.5°	143.9	98.3	66.7	35.1	21.1	24.6	17.5	7.0	0.0	0.0	0.0
80°	94.7	73.7	45.6	17.5	10.5	10.5	3.5	0.0	0.0	0.0	0.0
82.5°	66.7	49.1	28.1	7.0	3.5	3.5	0.0	0.0	0.0	0.0	0.0
85°	42.1	21.1	10.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.5	7.0	3.5	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

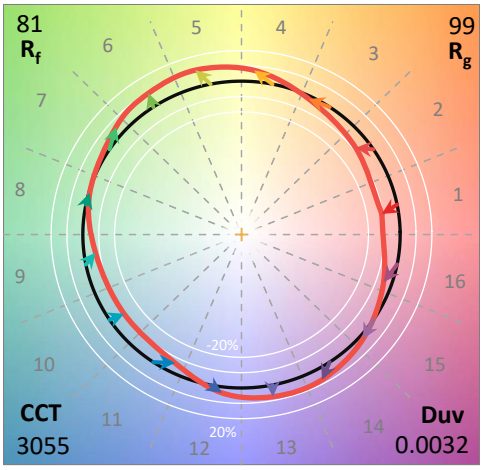
Test Information

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

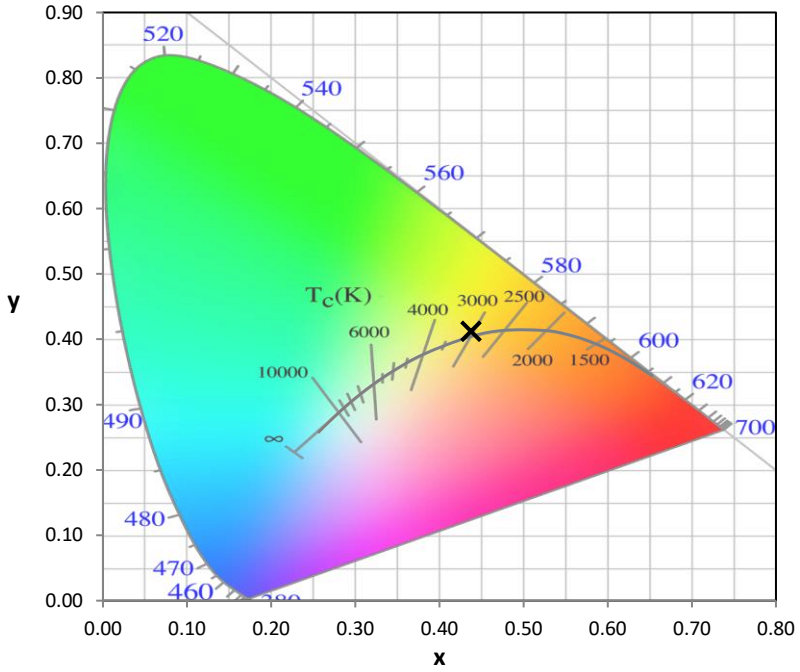
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

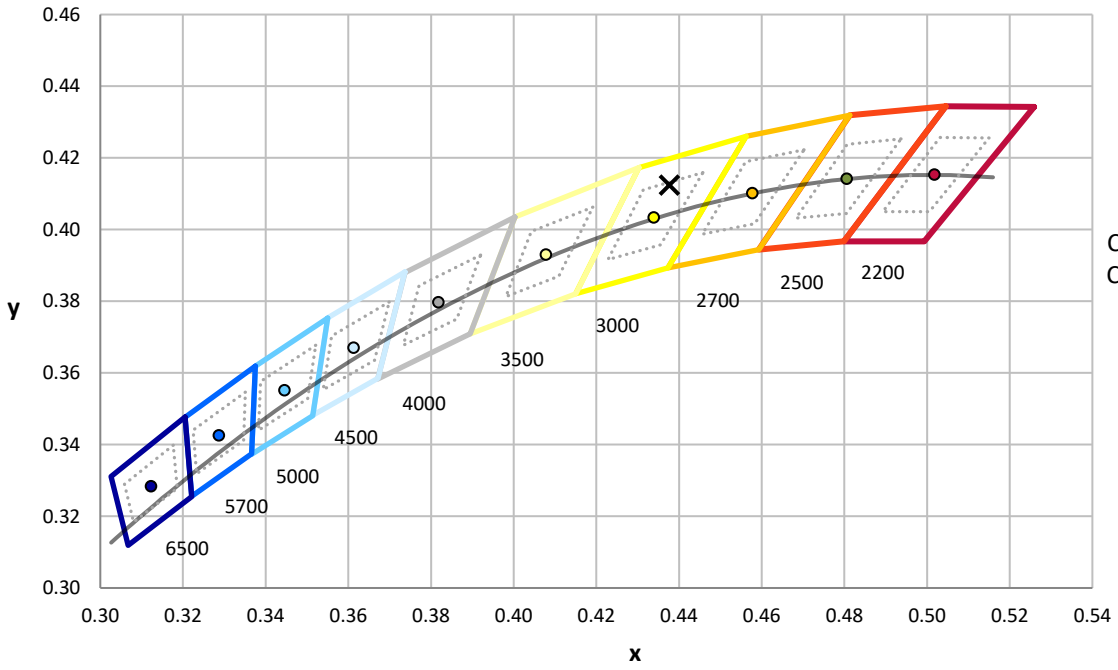
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

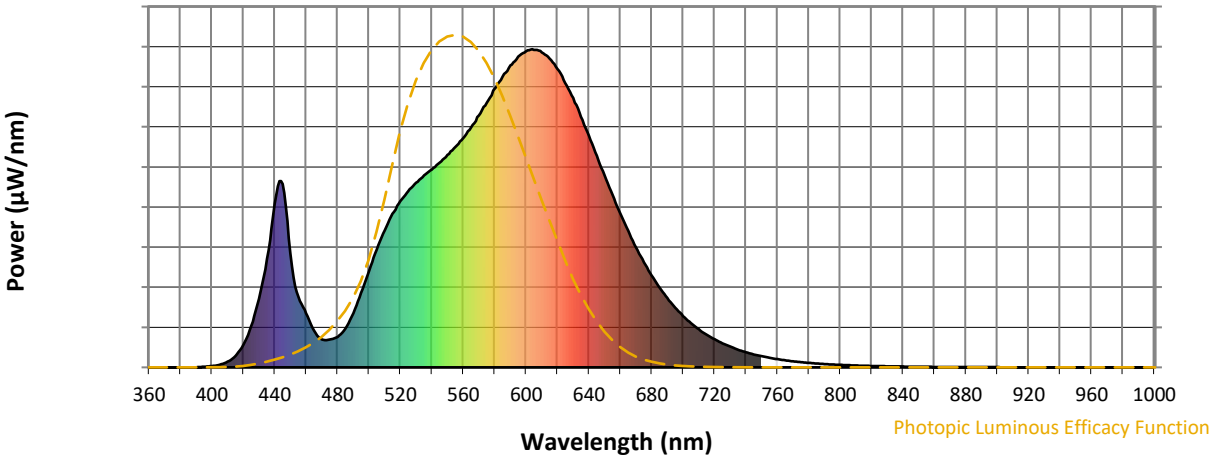


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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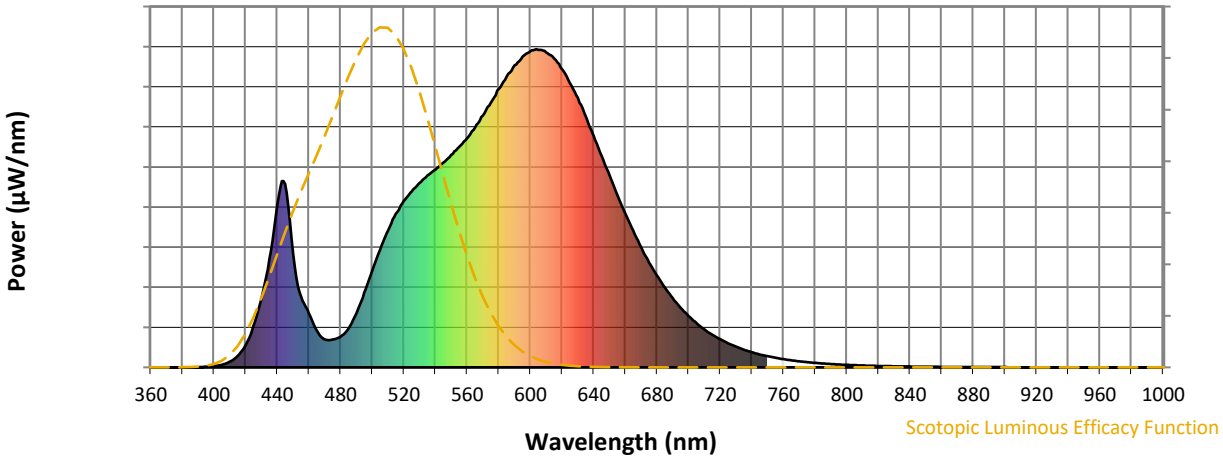
Scotopic Flux vs. Wavelength



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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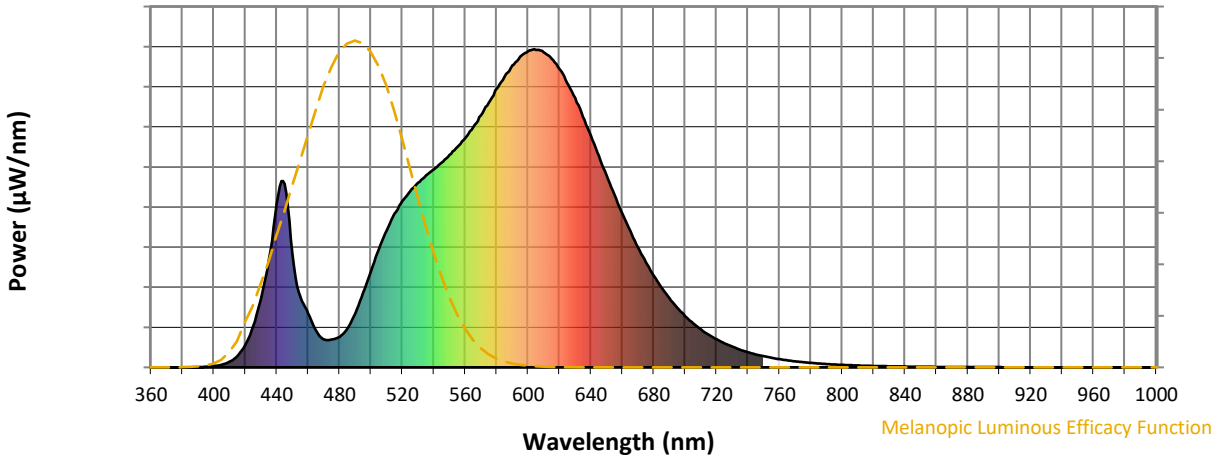
Melanopic Flux vs. Wavelength



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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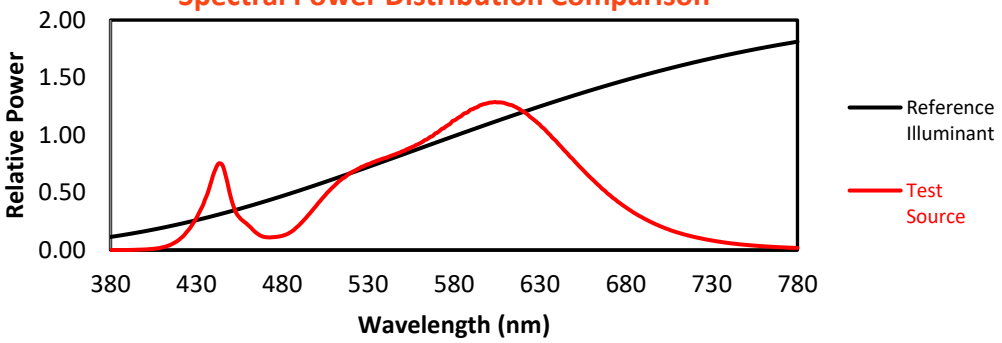
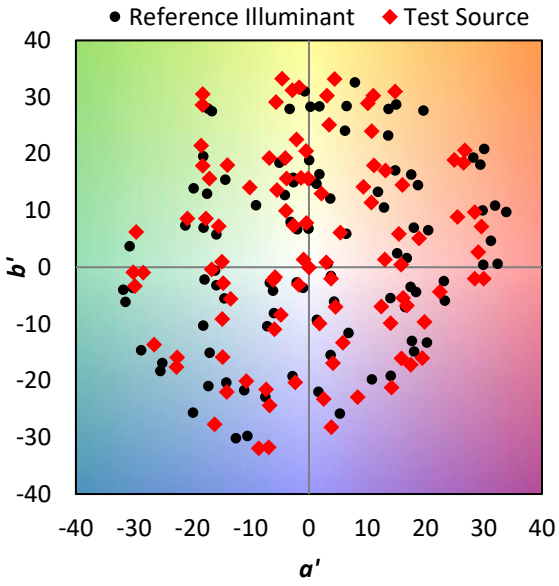
Summary

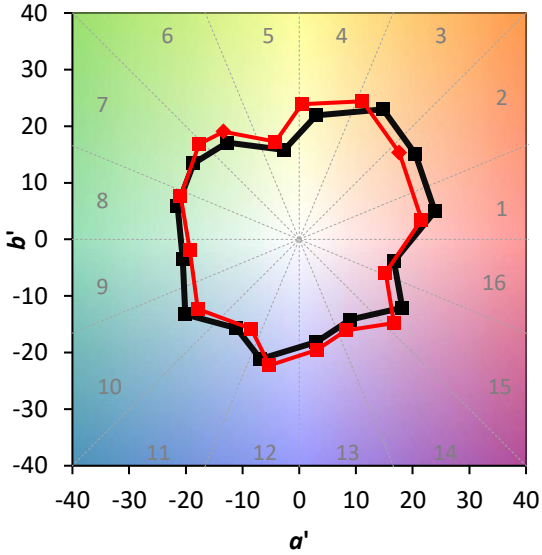
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

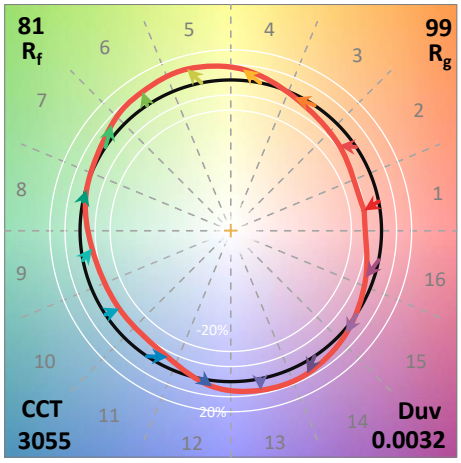
Spectral Power Distribution Comparison

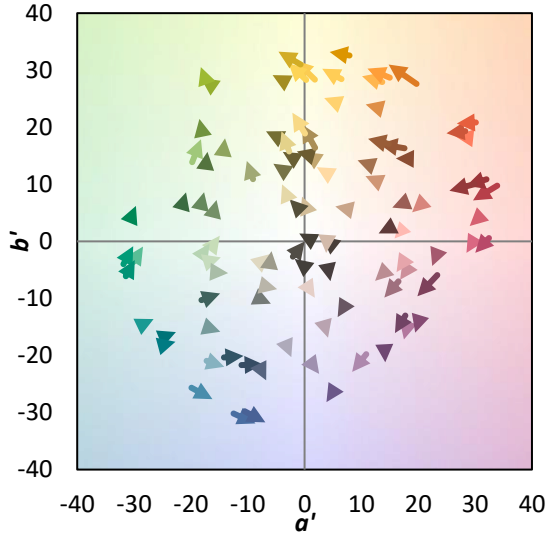


Color Vector Graphics









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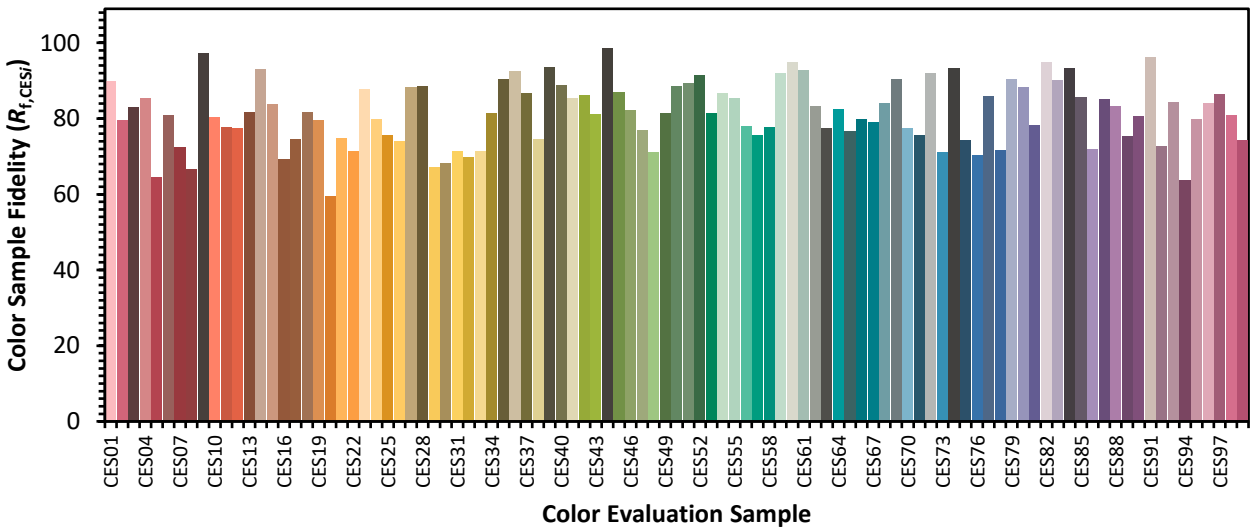
Individual Sample Fidelity Index ($R_{f,i}$)

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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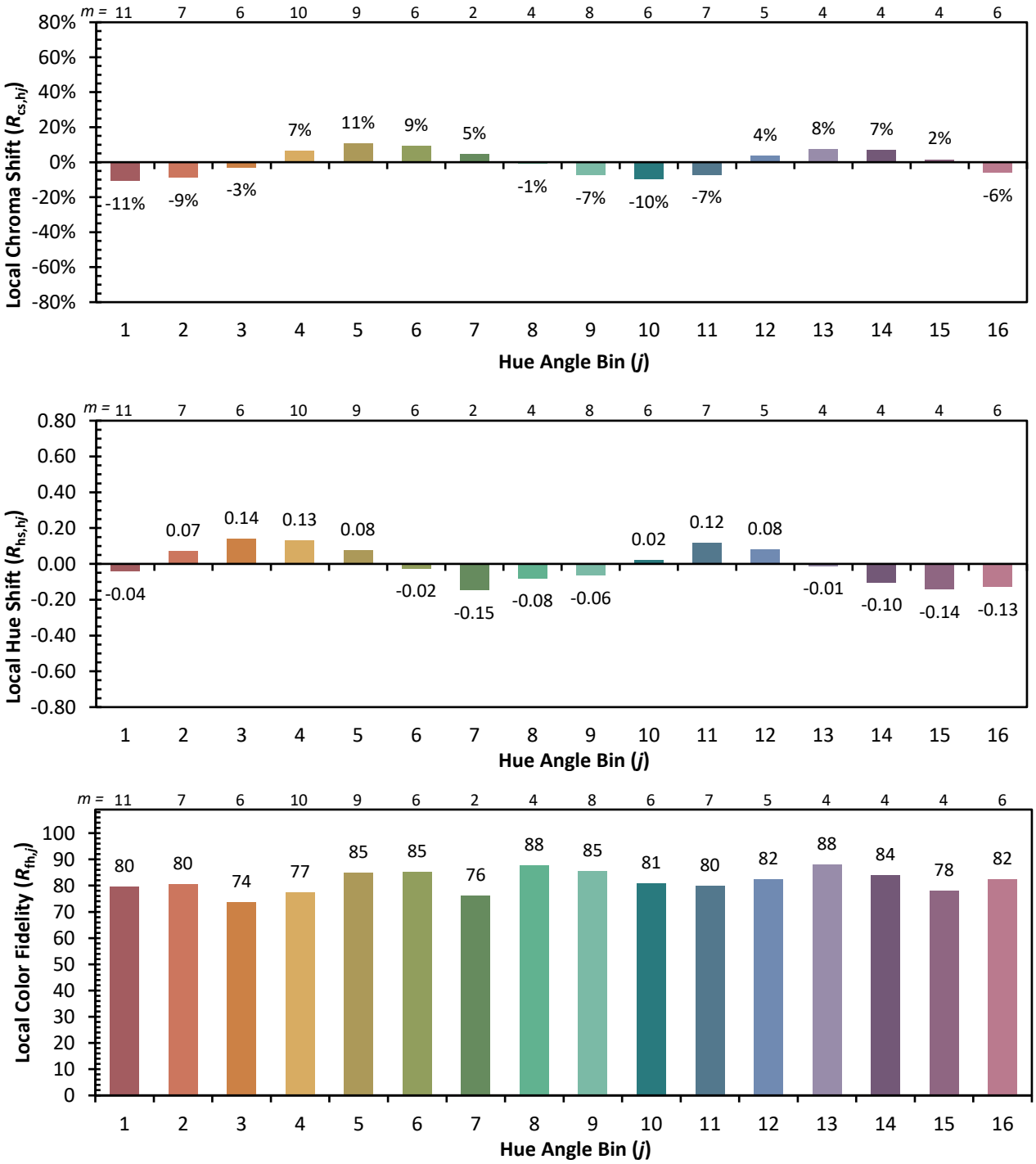
Color Rendition by Hue-Angle Bin



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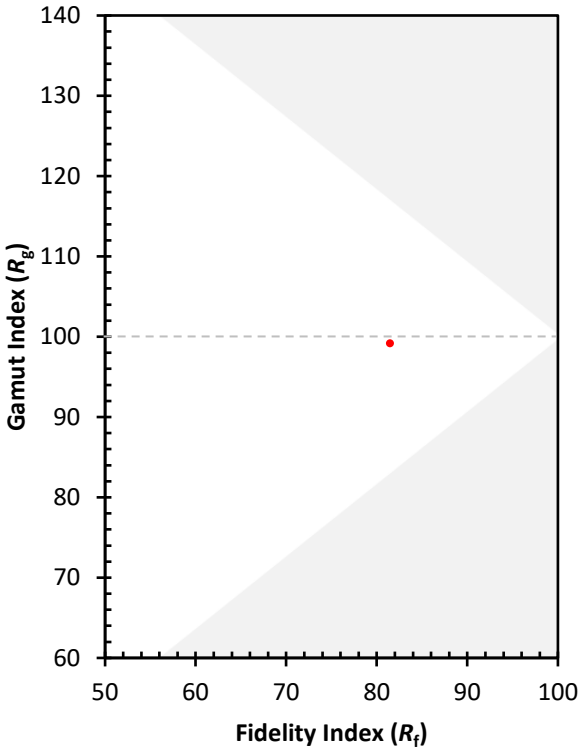
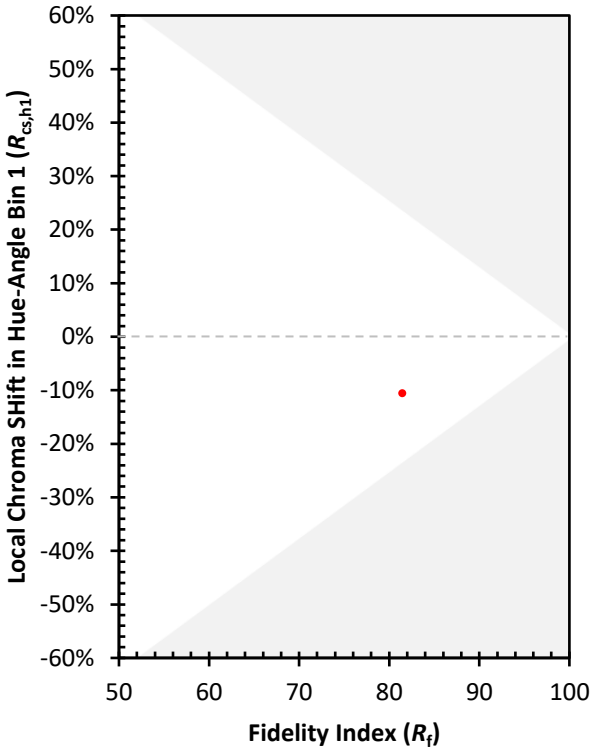
Measure Comparisons





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