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: P1458936

Luminaire Tested: GLAN-SB4B-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:	P1458936
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 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:	14699.1 lumens
Efficiency:	N/A
Efficacy:	100.0 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):	147
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: P1458936
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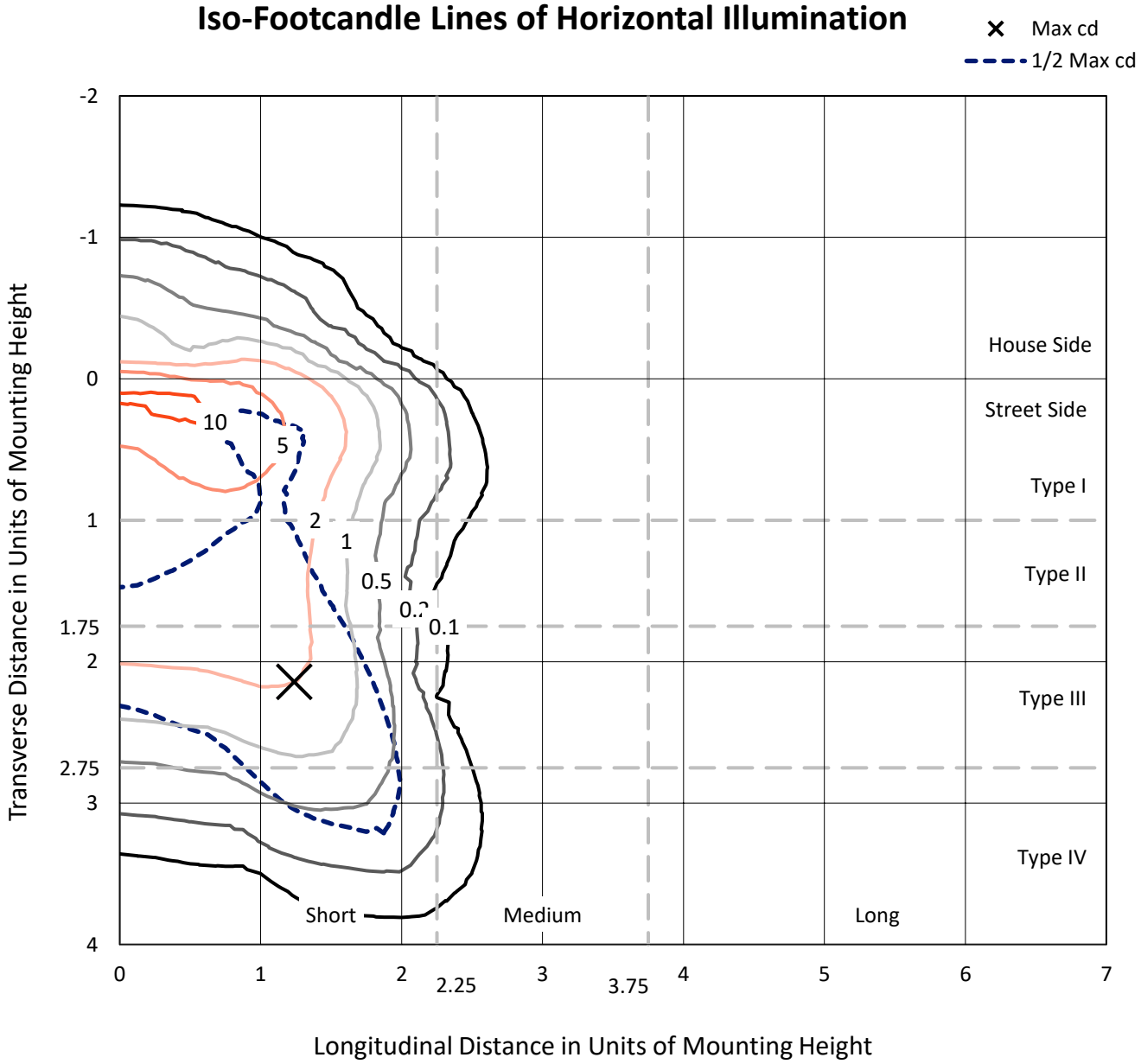
Iso-Footcandle Lines of Horizontal Illumination



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

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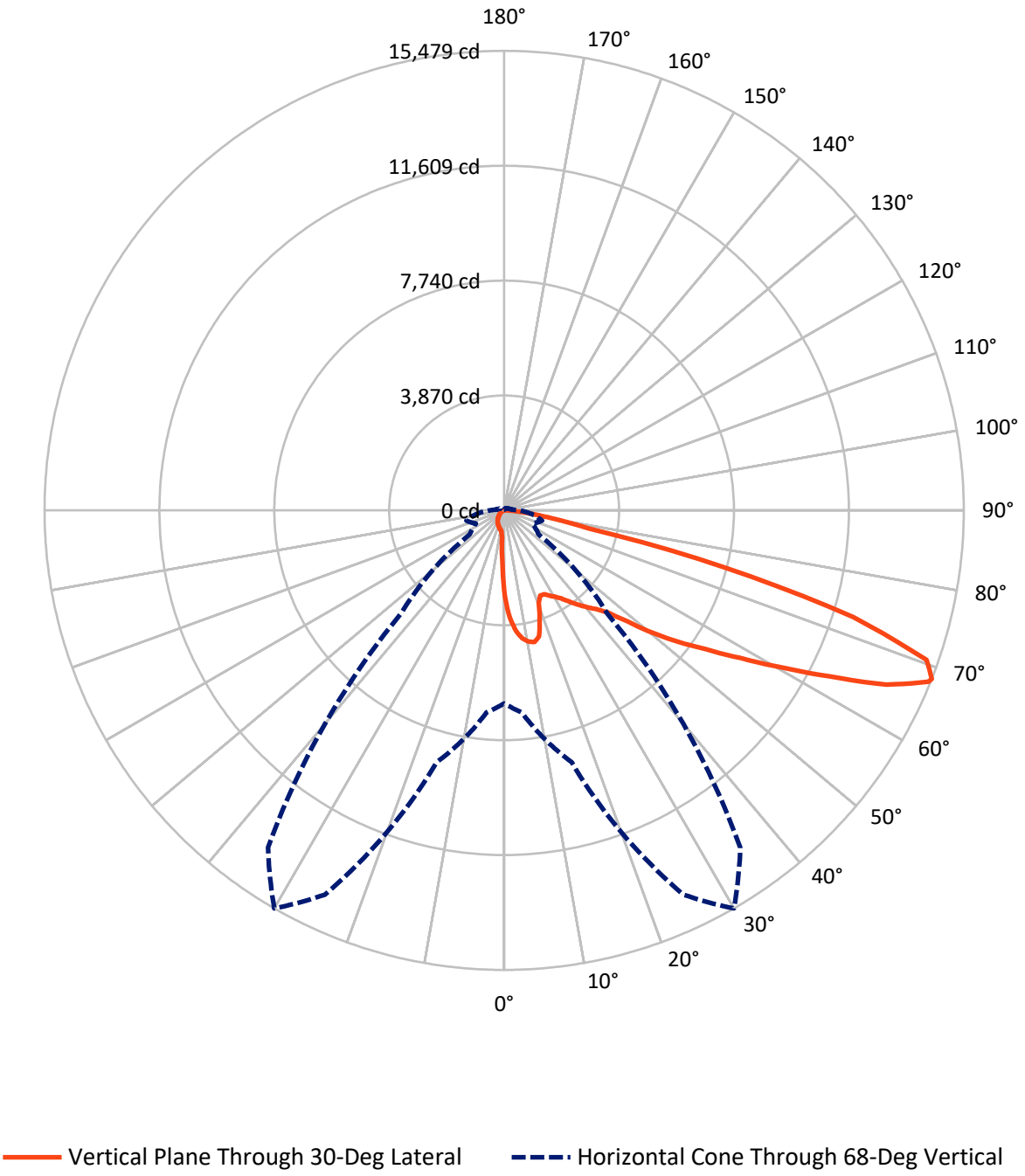
Luminous Intensity Polar Plot



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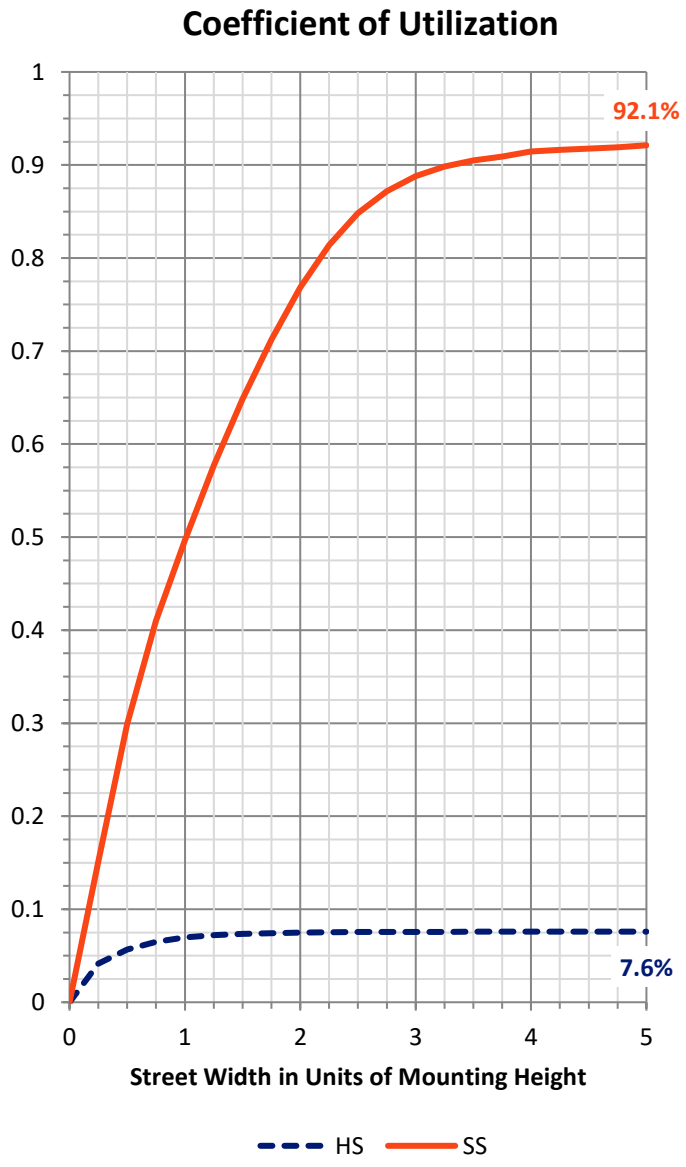
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1121.9	0.0	1121.9
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	13577.2	0.0	13577.2
	% Fixture	92.4	0.0	92.4
Total	Lumens	14699.1	0.0	14699.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.1	1.7
10°-20°	714.0	4.9
20°-30°	1122.1	7.6
30°-40°	1759.9	12.0
40°-50°	2630.5	17.9
50°-60°	3499.5	23.8
60°-70°	3382.9	23.0
70°-80°	1216.0	8.3
80°-90°	124.1	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°	14699.1	100.0
0°-180°	14699.1	100.0



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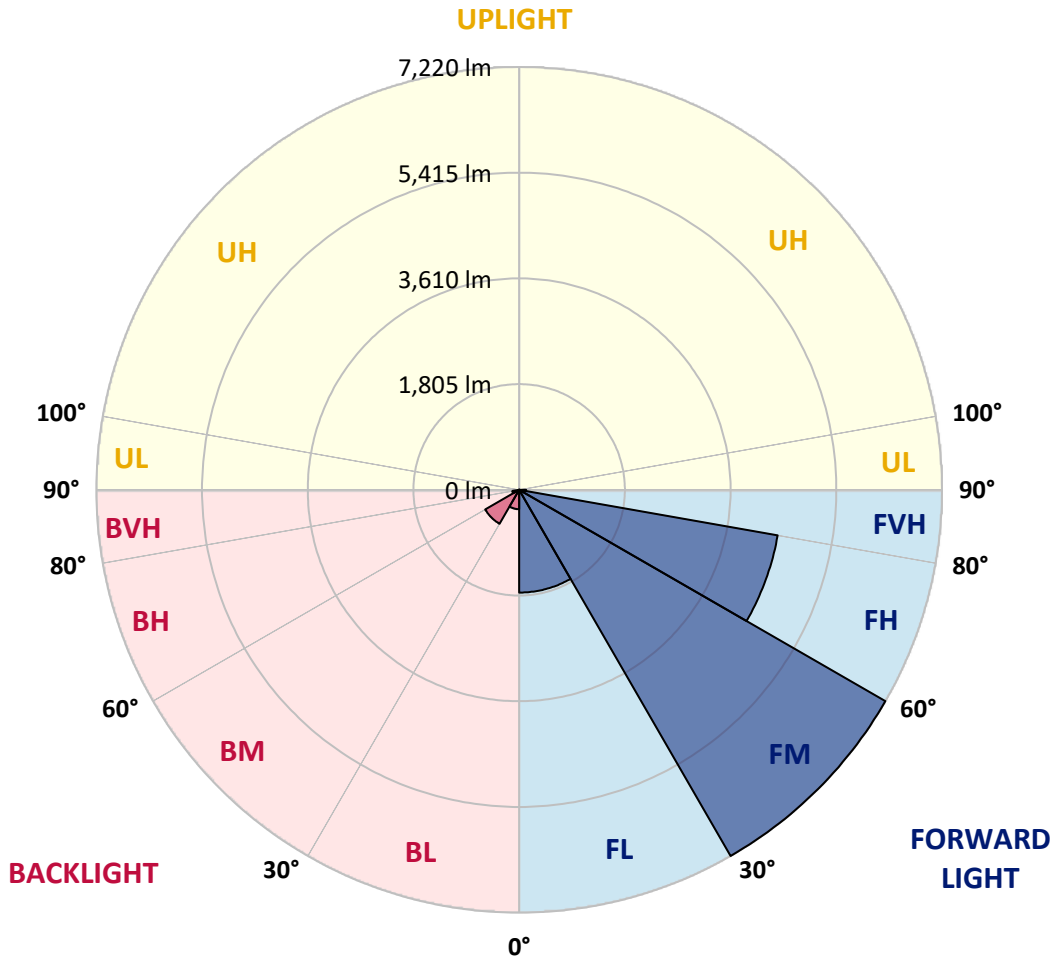
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1755.1	11.9			
FM	(30°-60°)	7220.2	49.1			
FH	(60°-80°)	4482.2	30.5			G2/5000
FVH	(80°-90°)	119.7	0.8			G2/225
BL	(0°-30°)	331.2	2.3	B1/500		
BM	(30°-60°)	669.7	4.6	B1/1000		
BH	(60°-80°)	116.7	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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REPORT NUMBER: P1458936
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2898.5	2898.5	2898.5	2898.5	*2898.5*	2898.5	2898.5	2898.5	2898.5	2898.5	2898.5
2.5°	3704.6	3704.6	3678.2	3642.9	*3603.3*	3590.1	3515.2	3409.5	3299.3	3171.6	2986.6
5°	4180.3	4175.9	4123.1	4123.1	*4070.2*	4021.8	3946.9	3792.7	3616.5	3387.4	3065.9
7.5°	4391.8	4400.6	4378.6	4378.6	*4347.7*	4312.5	4268.4	4118.7	3911.6	3603.3	3145.2
10°	4466.7	4471.1	4471.1	4501.9	*4493.1*	4488.7	4484.3	4400.6	4184.7	3823.5	3228.9
12.5°	4286.1	4308.1	4369.8	4506.3	*4550.4*	4598.8	4664.9	4638.5	4488.7	4101.0	3356.6
15°	3704.6	3709.0	3880.8	4220.0	*4400.6*	4585.6	4841.1	4893.9	4797.0	4400.6	3488.8
17.5°	3057.1	3070.3	3206.8	3585.7	*3876.4*	4303.7	4942.4	5158.2	5123.0	4695.7	3612.1
20°	2788.4	2806.0	2872.1	3109.9	*3330.2*	3726.6	4841.1	5409.3	5422.5	4990.9	3726.6
22.5°	2726.7	2739.9	2792.8	2977.8	*3114.3*	3378.6	4497.5	5607.6	5761.7	5330.0	3863.2
25°	2709.1	2722.3	2801.6	3004.2	*3131.9*	3352.2	4184.7	5713.3	6162.6	5682.4	3995.3
27.5°	2695.9	2713.5	2841.2	3101.1	*3250.9*	3462.3	4127.5	5735.3	6545.8	6056.9	4211.2
30°	2713.5	2739.9	2907.3	3202.4	*3374.2*	3612.1	4264.0	5757.3	6968.7	6484.1	4484.3
32.5°	2784.0	2806.0	3008.6	3339.0	*3537.2*	3805.9	4497.5	5889.5	7369.6	6920.2	4744.2
35°	2863.2	2894.1	3136.4	3532.8	*3770.7*	4074.6	4814.7	6149.4	7752.8	7334.3	5012.9
37.5°	2960.2	2995.4	3286.1	3753.1	*4026.2*	4369.8	5158.2	6510.6	8092.0	7673.5	5281.6
40°	3092.3	3131.9	3457.9	3986.5	*4281.7*	4625.2	5497.4	6867.4	8351.9	7876.1	5457.8
42.5°	3612.1	3665.0	3801.5	4215.6	*4546.0*	4898.4	5832.2	7206.6	8448.8	7942.2	5493.0
45°	4581.2	4634.1	4598.8	4678.1	*4898.4*	5228.7	6197.8	7532.5	8462.0	7924.6	5475.4
47.5°	5554.7	5616.4	5585.5	5541.5	*5589.9*	5748.5	6607.5	7739.6	8391.5	7915.8	5475.4
50°	6484.1	6448.9	6453.3	6440.1	*6484.1*	6567.8	7003.9	7779.2	8373.9	7999.5	5523.9
52.5°	6981.9	6999.5	7109.7	7272.6	*7369.6*	7453.2	7457.7	7840.9	8246.1	7858.5	5466.6
55°	7470.9	7506.1	7761.6	8039.1	*8255.0*	8413.5	7911.4	7801.2	7484.1	7387.2	5167.1
57.5°	8021.5	8069.9	8431.2	9003.8	*9382.6*	9466.3	8360.7	7061.2	6334.4	6713.2	4585.6
60°	8779.2	8836.4	9316.6	10175.5	*10739.4*	10567.6	8395.9	5885.1	5030.5	5572.3	3783.9
62.5°	9373.8	9488.4	10356.1	11695.3	*12316.4*	11770.1	7739.6	4510.7	3515.2	3916.0	2761.9
65°	8739.5	8959.8	10373.8	13435.2	*14153.2*	13184.1	6708.8	3079.1	1982.2	2532.9	1766.4
67.5°	7065.6	7374.0	9210.8	14281.0	*15413.1*	13928.6	5281.6	1634.3	1136.5	1471.3	929.5
68°	*6501.8*	*6836.5*	*8783.6*	*14281.0*	*15479.1*	*13862.5*	*4902.8*	*1414.0*	*1048.4*	*1321.5*	*806.1*
70°	4493.1	4731.0	6752.9	13479.3	*15091.5*	12637.9	3228.9	810.5	788.5	907.4	533.0
72.5°	2202.5	2458.0	3612.1	10682.1	*12294.3*	9713.0	1471.3	537.4	599.1	665.2	418.5
75°	876.6	929.5	1422.8	5268.4	*7682.3*	6197.8	770.9	405.3	515.4	519.8	330.4
77.5°	502.2	533.0	788.5	1938.2	*2880.9*	2770.7	497.8	290.7	409.7	374.4	215.8
80°	281.9	286.3	444.9	1022.0	*1647.5*	1475.7	339.2	211.4	312.8	264.3	145.4
82.5°	141.0	158.6	281.9	563.8	*916.2*	938.3	180.6	149.8	251.1	189.4	118.9
85°	101.3	110.1	202.6	312.8	*422.9*	634.3	110.1	74.9	189.4	127.7	83.7
87.5°	52.9	66.1	127.7	154.2	*171.8*	215.8	52.9	35.2	105.7	74.9	44.0
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: P1458936
CATALOG NUMBER: GLAN-SB4B-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2898.5	2898.5	2898.5	2898.5	2898.5	2898.5	2898.5	2898.5	2898.5	2898.5	2898.5
2.5°	2898.5	2797.2	2590.1	2347.9	2158.4	1964.6	1806.0	1656.3	1585.8	1577.0	1594.6
5°	2885.3	2665.0	2193.7	1731.2	1352.3	1088.0	942.7	867.8	828.1	810.5	814.9
7.5°	2858.8	2524.1	1770.8	1171.7	876.6	762.1	726.8	713.6	709.2	709.2	709.2
10°	2832.4	2334.6	1356.7	859.0	718.0	687.2	678.4	678.4	674.0	674.0	678.4
12.5°	2819.2	2158.4	1052.8	718.0	669.6	656.3	647.5	643.1	643.1	643.1	647.5
15°	2788.4	1964.6	850.2	665.2	638.7	621.1	616.7	612.3	612.3	612.3	612.3
17.5°	2761.9	1775.2	740.0	629.9	607.9	590.3	585.9	581.5	581.5	585.9	585.9
20°	2722.3	1594.6	665.2	594.7	577.1	559.4	555.0	550.6	555.0	555.0	555.0
22.5°	2673.8	1444.8	621.1	568.2	546.2	528.6	528.6	528.6	528.6	528.6	533.0
25°	2643.0	1339.1	590.3	537.4	515.4	502.2	497.8	497.8	506.6	506.6	511.0
27.5°	2691.5	1312.7	594.7	528.6	489.0	475.7	471.3	471.3	480.1	484.5	489.0
30°	2836.8	1361.1	647.5	555.0	471.3	449.3	444.9	444.9	458.1	462.5	466.9
32.5°	3004.2	1462.5	726.8	590.3	458.1	422.9	414.1	414.1	427.3	431.7	436.1
35°	3233.3	1621.0	832.5	621.1	466.9	396.4	378.8	378.8	387.6	396.4	400.9
37.5°	3528.4	1880.9	955.9	643.1	466.9	365.6	343.6	339.2	348.0	348.0	352.4
40°	3836.7	2220.1	1083.6	643.1	444.9	334.8	312.8	299.5	303.9	299.5	303.9
42.5°	4008.5	2493.2	1193.8	603.5	418.5	303.9	281.9	264.3	259.9	251.1	255.5
45°	4105.5	2616.6	1162.9	559.4	392.0	281.9	255.5	233.5	224.7	211.4	211.4
47.5°	4105.5	2629.8	995.5	524.2	365.6	264.3	229.1	207.0	193.8	180.6	185.0
50°	4057.0	2510.8	788.5	489.0	334.8	246.7	207.0	189.4	171.8	163.0	163.0
52.5°	3854.4	2123.2	603.5	444.9	299.5	224.7	185.0	167.4	149.8	145.4	145.4
55°	3506.4	1559.4	489.0	400.9	268.7	207.0	167.4	154.2	136.6	127.7	127.7
57.5°	2850.0	1066.0	405.3	361.2	237.9	185.0	149.8	136.6	114.5	105.7	105.7
60°	2114.4	696.0	343.6	317.2	202.6	167.4	132.1	114.5	96.9	88.1	83.7
62.5°	1427.2	471.3	286.3	251.1	171.8	145.4	114.5	96.9	74.9	57.3	57.3
65°	889.8	365.6	237.9	198.2	149.8	127.7	96.9	74.9	52.9	39.6	35.2
67.5°	511.0	295.1	193.8	154.2	127.7	101.3	74.9	61.7	44.0	30.8	26.4
68°	*471.3*	*281.9*	*180.6*	*145.4*	*118.9*	*96.9*	*70.5*	*57.3*	*39.6*	*26.4*	*26.4*
70°	383.2	251.1	154.2	118.9	101.3	79.3	61.7	48.5	30.8	17.6	17.6
72.5°	339.2	211.4	132.1	92.5	70.5	66.1	48.5	35.2	22.0	13.2	8.8
75°	277.5	167.4	105.7	70.5	48.5	48.5	35.2	22.0	8.8	0.0	0.0
77.5°	180.6	123.3	83.7	44.0	26.4	30.8	22.0	8.8	0.0	0.0	0.0
80°	118.9	92.5	57.3	22.0	13.2	13.2	4.4	0.0	0.0	0.0	0.0
82.5°	83.7	61.7	35.2	8.8	4.4	4.4	0.0	0.0	0.0	0.0	0.0
85°	52.9	26.4	13.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.0	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

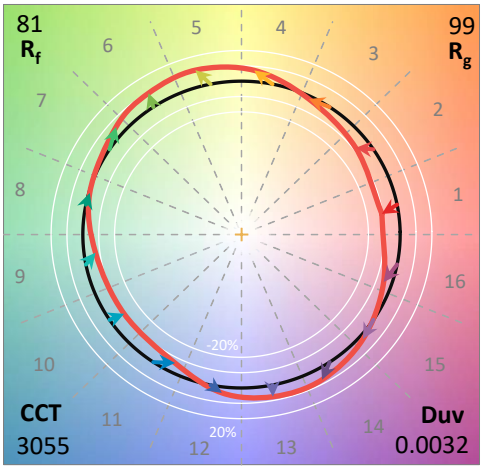
Test Information

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

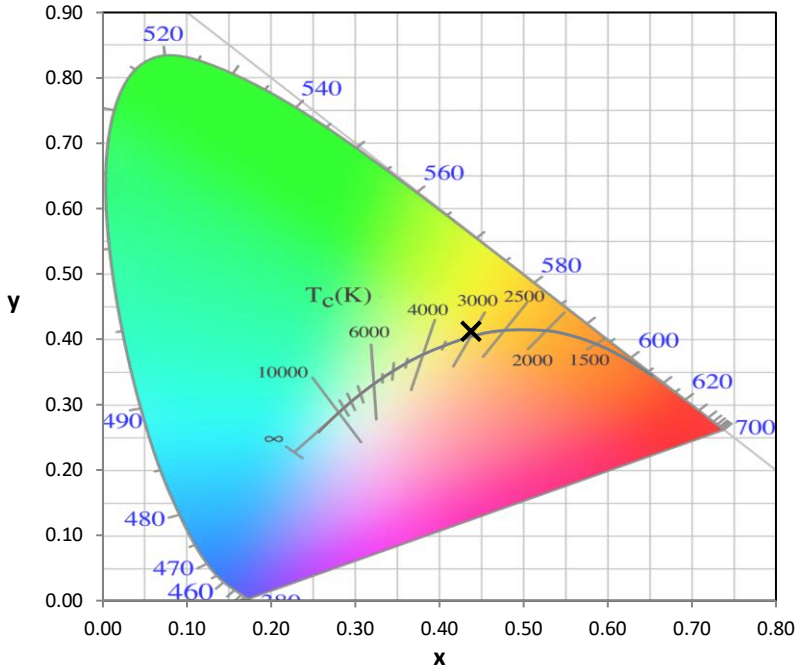
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

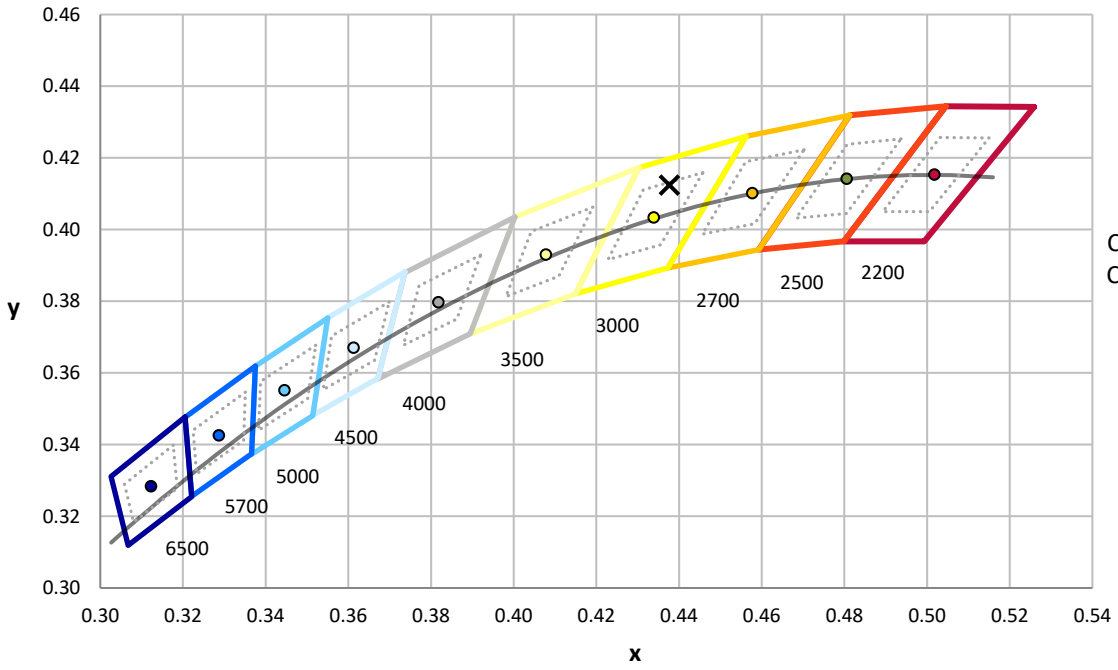
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

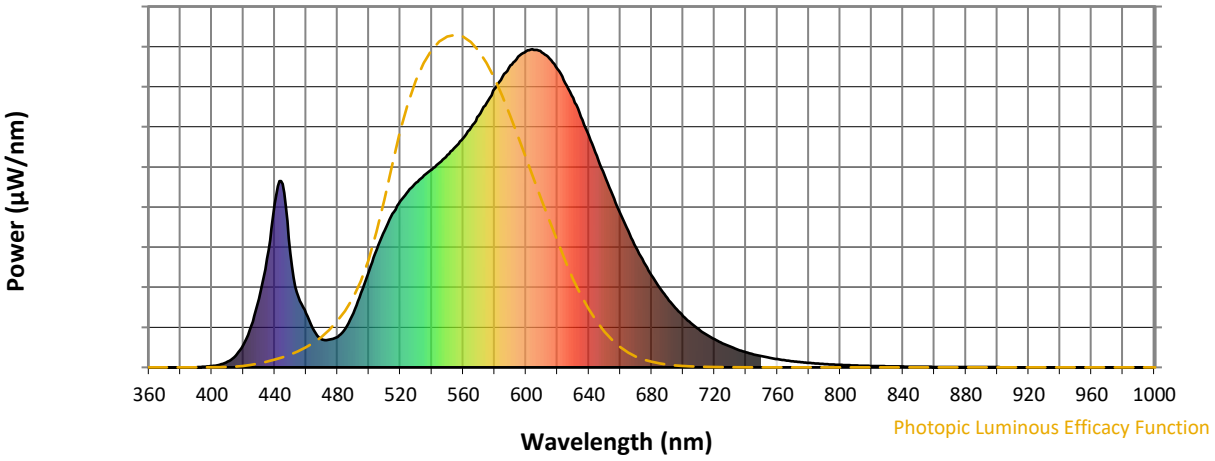


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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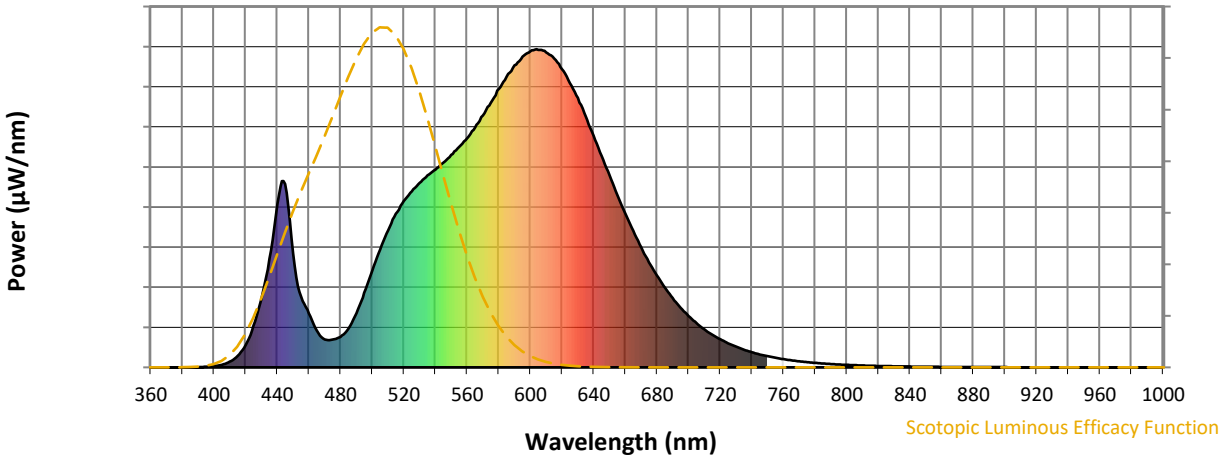
Scotopic Flux vs. Wavelength



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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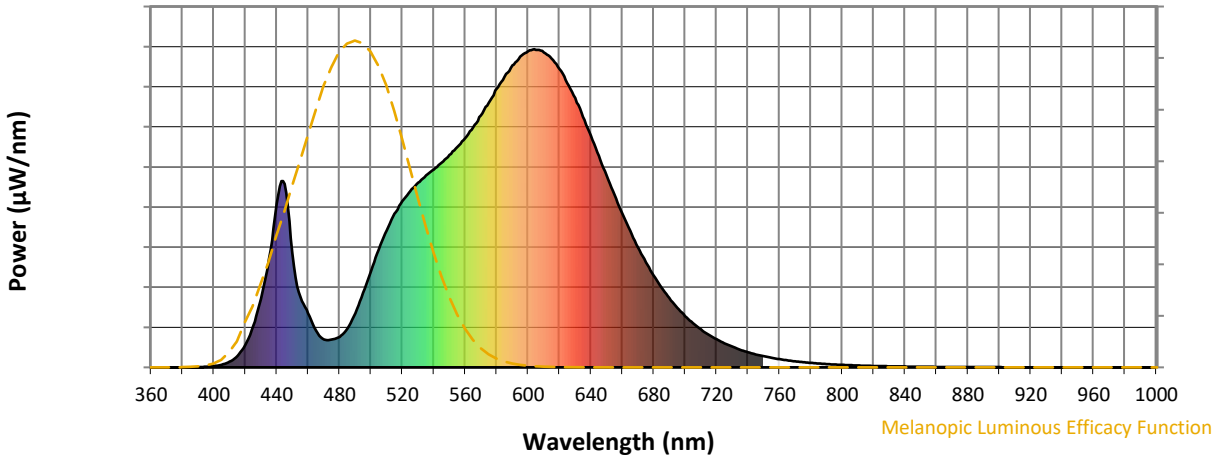
Melanopic Flux vs. Wavelength



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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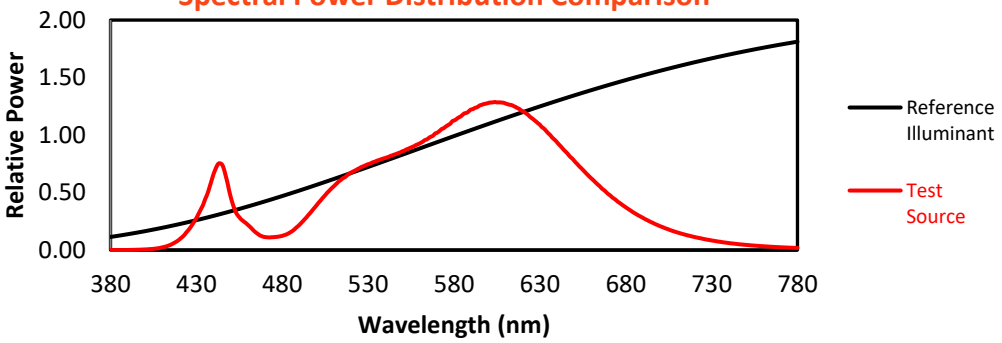
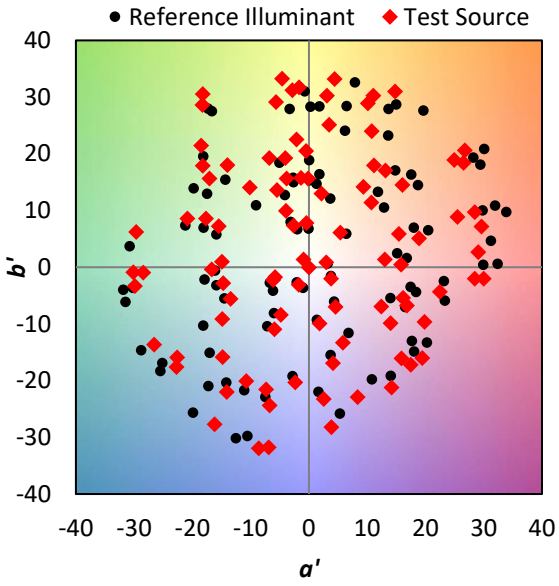
Summary

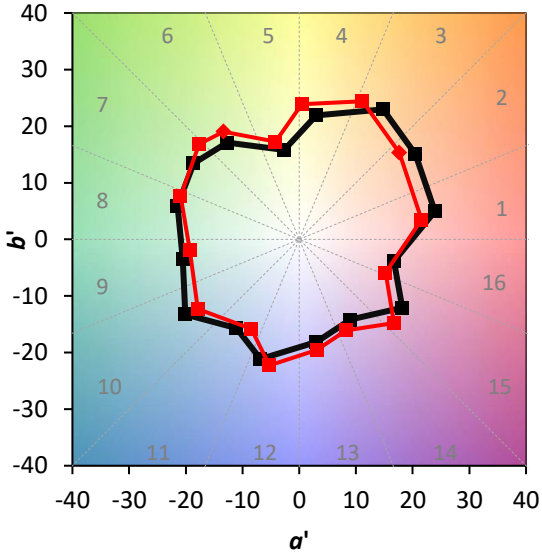
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

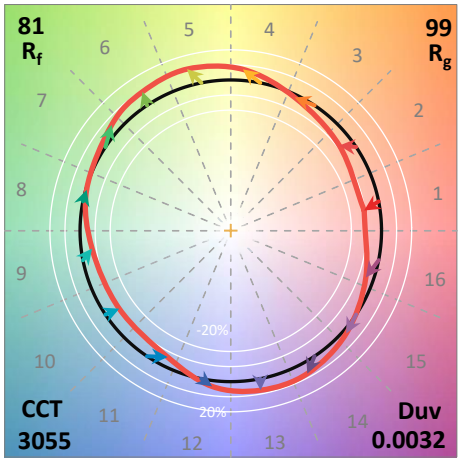
Spectral Power Distribution Comparison

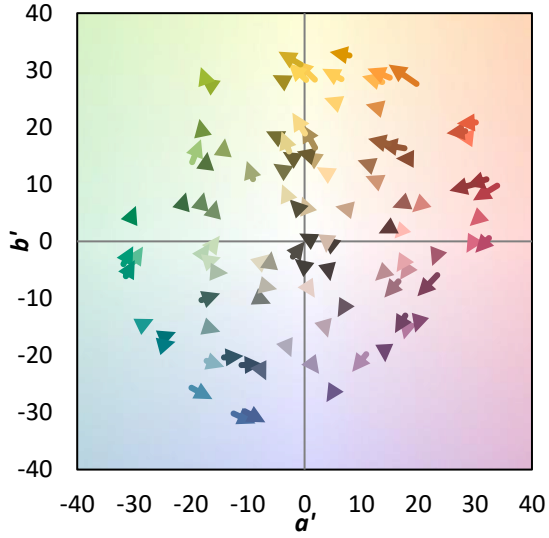


Color Vector Graphics









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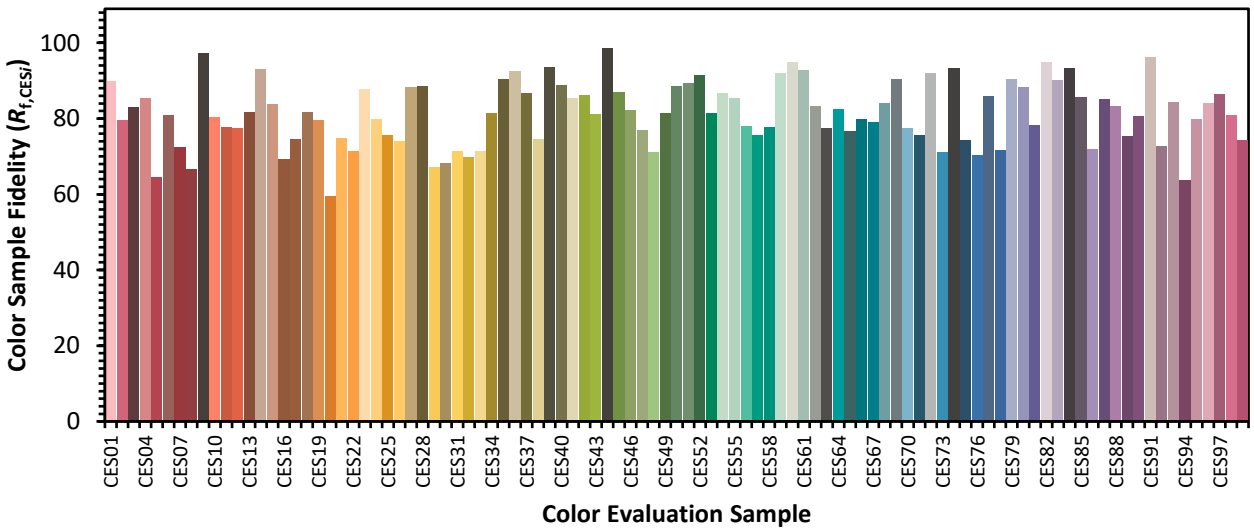
Individual Sample Fidelity Index ($R_{f,i}$)

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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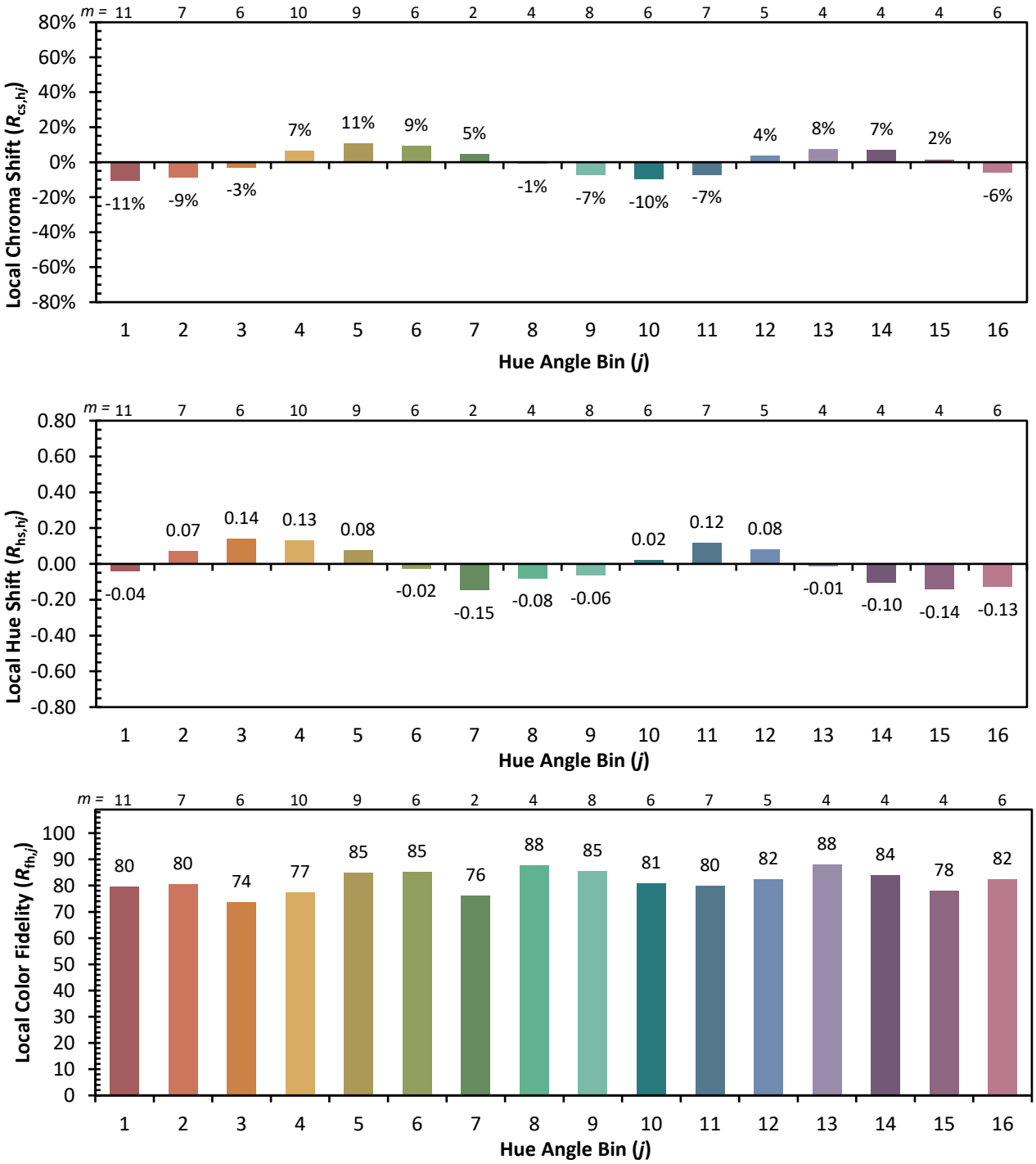
Color Rendition by Hue-Angle Bin



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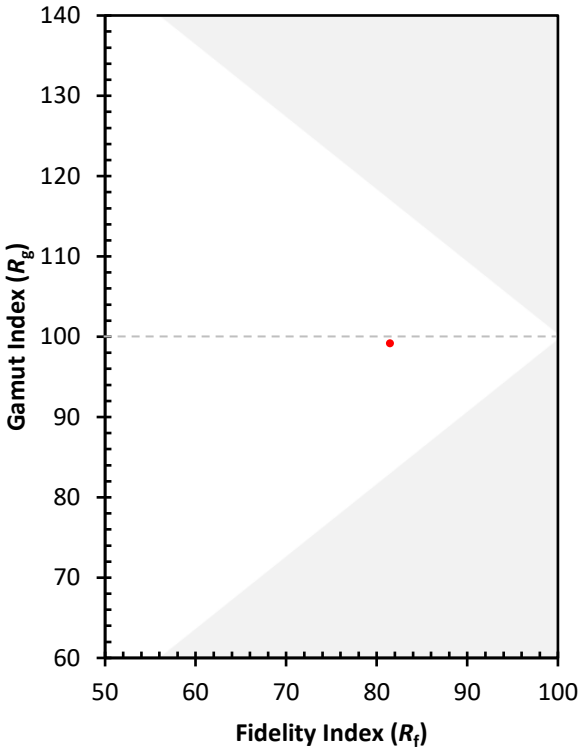
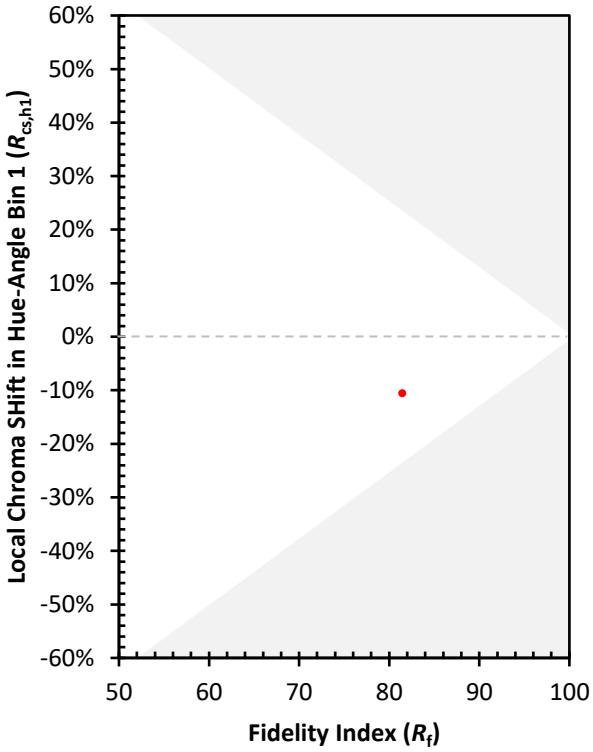
Measure Comparisons





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