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: P1458374

Luminaire Tested: GLAN-SB7D-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:	P1458374
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7D-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 7xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(182) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	49682.6 lumens
Efficiency:	N/A
Efficacy:	96.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G5

Input Watts (W):	512.8
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: P1458374
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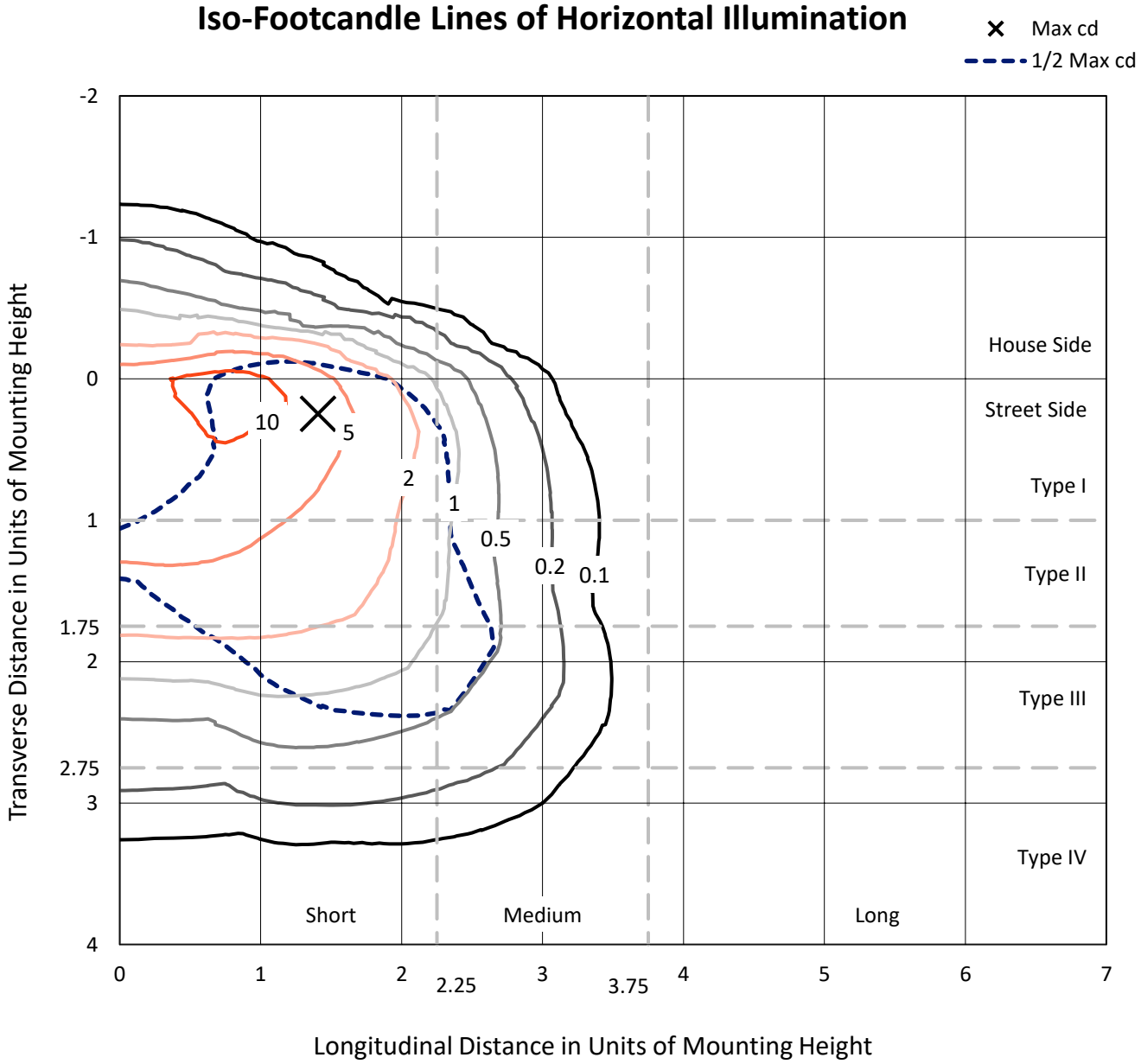
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 13.6 fc
Type III - Short - N/A

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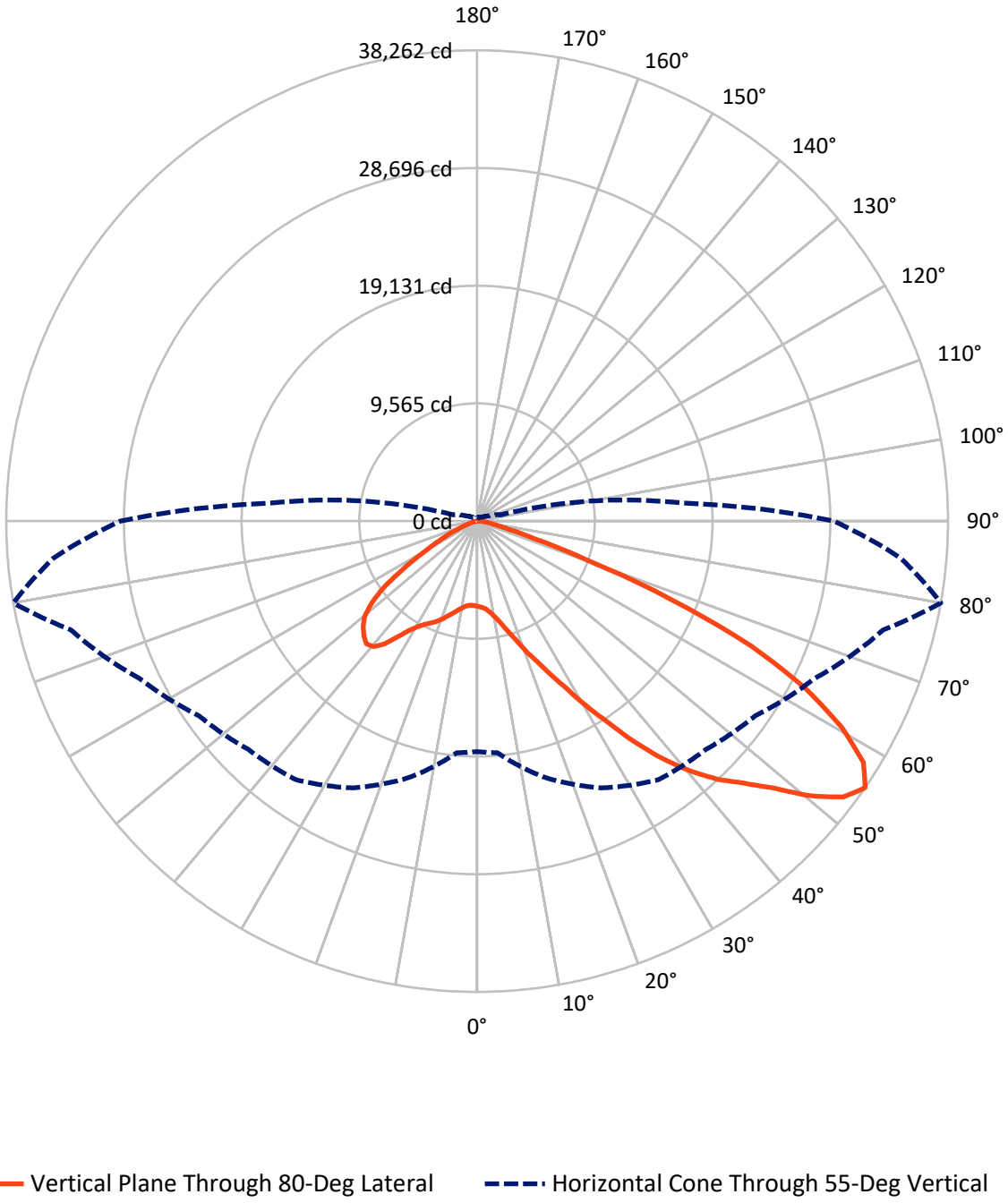
Luminous Intensity Polar Plot



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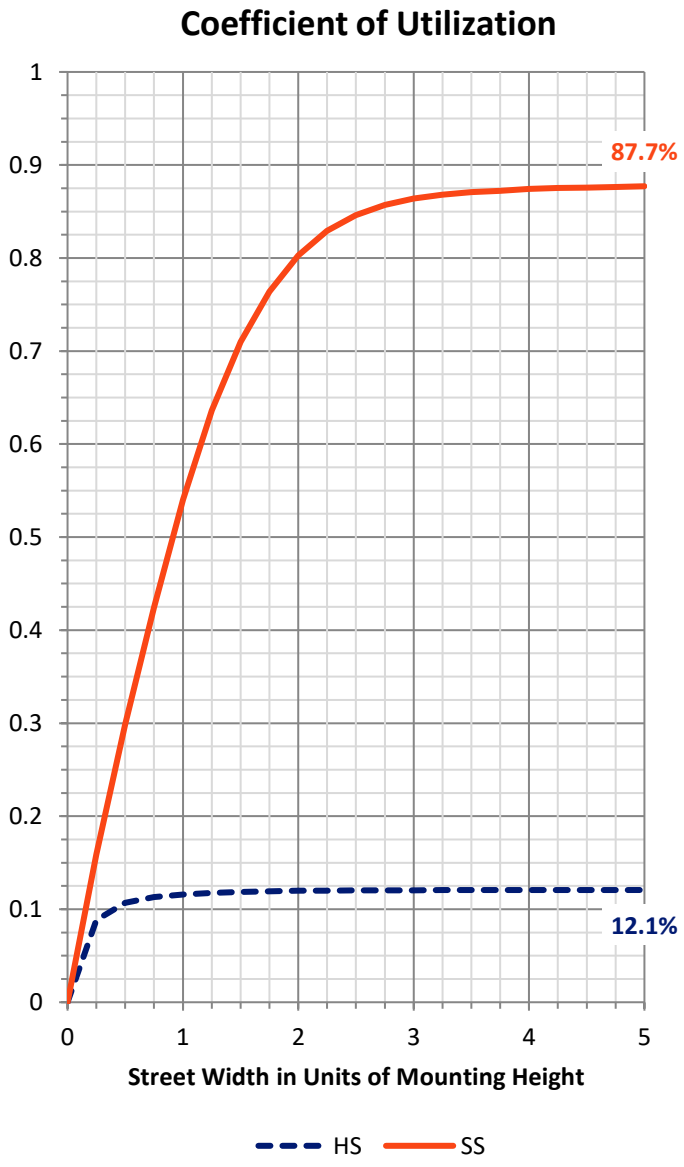
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6039.4	0.0	6039.4
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	43643.2	0.0	43643.2
	% Fixture	87.8	0.0	87.8
Total	Lumens	49682.6	0.0	49682.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	580.8	1.2
10°-20°	1531.2	3.1
20°-30°	2997.6	6.0
30°-40°	6098.4	12.3
40°-50°	10281.0	20.7
50°-60°	13136.0	26.4
60°-70°	11215.0	22.6
70°-80°	3583.9	7.2
80°-90°	258.8	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°	49682.6	100.0
0°-180°	49682.6	100.0



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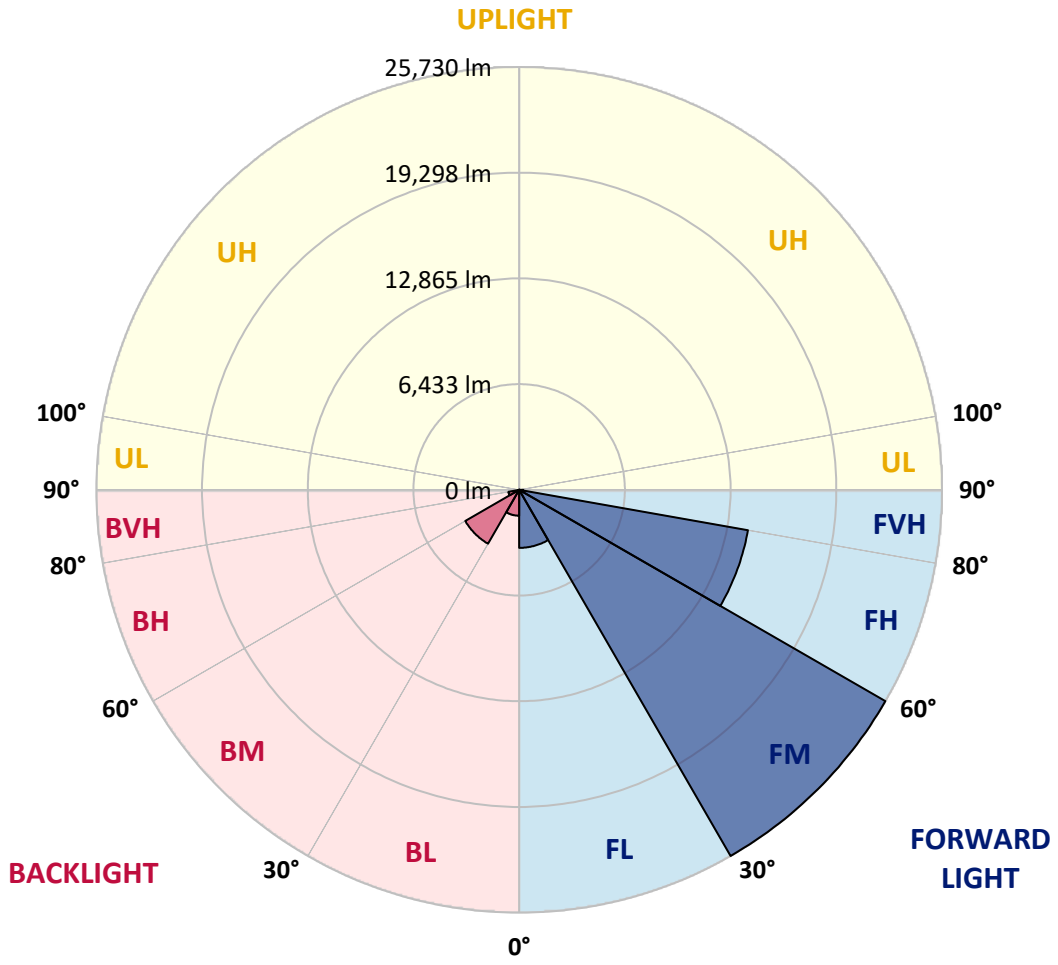
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3532.5	7.1			
FM	(30°-60°)	25730.2	51.8			
FH	(60°-80°)	14135.1	28.5			G5
FVH	(80°-90°)	245.3	0.5			G3/500
BL	(0°-30°)	1577.1	3.2	B3/2500		
BM	(30°-60°)	3785.1	7.6	B3/5000		
BH	(60°-80°)	663.8	1.3	B2/1000		G2/1000
BVH	(80°-90°)	13.5	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	6920.7	6920.7	6920.7	6920.7	6920.7	6920.7	6920.7	6920.7	6920.7	*6920.7*	6920.7
2.5°	6963.1	6977.2	6963.1	6977.2	7005.5	6991.3	7047.8	7033.7	7033.7	*7019.6*	6963.1
5°	6567.6	6581.7	6610.0	6680.6	6779.5	6878.3	7005.5	7090.2	7174.9	*7160.8*	7104.3
7.5°	5790.8	5819.0	5932.0	6073.3	6398.1	6694.7	7019.6	7231.4	7415.0	*7471.5*	7429.2
10°	5353.0	5381.2	5451.8	5593.1	5889.7	6384.0	7019.6	7457.4	7782.3	*7895.3*	7909.4
12.5°	5310.6	5324.7	5381.2	5536.6	5790.8	6214.5	7005.5	7754.0	8304.9	*8474.3*	8530.8
15°	5338.8	5367.1	5423.6	5550.7	5847.3	6327.5	7118.4	8220.1	8996.9	*9237.0*	9251.2
17.5°	5451.8	5480.1	5550.7	5691.9	6016.8	6624.1	7471.5	8700.3	9830.2	*10098.6*	10254.0
20°	5677.8	5691.9	5776.7	5960.3	6327.5	6991.3	7994.1	9350.0	10833.0	*11228.5*	11341.5
22.5°	5974.4	6016.8	6129.8	6355.8	6821.8	7499.8	8714.4	10141.0	11934.7	*12344.3*	12542.0
25°	6299.3	6355.8	6525.2	6892.5	7485.7	8276.6	9604.3	11186.1	13234.1	*13728.4*	13996.8
27.5°	6963.1	6977.2	7090.2	7556.3	8319.0	9293.5	10734.2	12527.9	14759.5	*15338.6*	15635.2
30°	8417.8	8432.0	8333.1	8460.2	9237.0	10494.1	12061.8	14095.7	16539.1	*17344.2*	17584.3
32.5°	10197.5	10268.1	10254.0	10169.2	10522.3	11694.6	13643.7	15974.1	18629.4	*19476.9*	19702.8
35°	12217.2	12386.7	12344.3	12316.0	12358.4	13234.1	15451.5	18050.3	21002.2	*22033.3*	22216.9
37.5°	14194.5	14236.9	14434.6	14674.7	14703.0	15310.3	17541.9	20253.7	23205.6	*24519.1*	24801.6
40°	15719.9	15861.1	16355.5	16835.7	17330.0	17810.2	19265.0	22033.3	24956.9	*26722.4*	26849.5
42.5°	16906.3	17245.3	17965.6	18714.2	19717.0	20253.7	20903.4	23290.3	26383.4	*28685.6*	28629.1
45°	18346.9	18488.2	19505.1	20493.8	21510.7	22329.9	22315.8	24349.6	27499.2	*30366.4*	30013.3
47.5°	19321.5	19491.0	20875.1	22033.3	23078.5	23488.0	23572.8	25493.6	29038.7	*32400.2*	31566.9
50°	19844.1	20140.7	21651.9	23120.8	24250.7	24377.9	24759.2	26990.8	31058.5	*35097.9*	33530.1
52.5°	19900.6	20183.1	21920.3	23812.9	25041.7	25295.9	25945.6	28685.6	33021.7	*37258.9*	34660.1
55°	*18728.3*	*18897.8*	*21595.4*	*23925.9*	*25663.1*	*26256.3*	*27584.0*	*30253.4*	*34165.7*	*38261.6*	*34561.2*
57.5°	17626.6	17796.1	20140.7	23728.2	26298.7	27513.4	29335.3	31326.8	33275.9	*37018.7*	32357.9
60°	16680.3	16765.1	18897.8	22810.1	26538.8	28742.1	30846.6	30267.5	30973.7	*34038.6*	28586.8
62.5°	14900.7	14957.2	17485.4	21157.6	26058.6	29688.4	31369.2	28021.8	28445.5	*29928.5*	24151.9
65°	11256.7	11468.6	13784.9	19914.7	25267.7	30126.3	30154.5	25281.8	24843.9	*24490.8*	18996.6
67.5°	7641.0	7881.1	9279.4	17909.1	23982.4	30309.9	27795.8	21736.7	18926.0	*17104.0*	12443.2
70°	6101.5	6101.5	6581.7	14392.3	20931.6	27965.3	24872.2	16412.0	12019.4	*9448.9*	6666.5
72.5°	4011.2	4025.3	4477.3	9138.2	14844.2	21327.1	20281.9	9491.3	6242.8	*4816.3*	3290.9
75°	1454.8	1454.8	1963.2	3658.1	7852.9	12697.4	12358.4	4533.8	3389.7	*2627.0*	1991.5
77.5°	776.8	805.1	946.3	1511.3	3008.4	5169.3	4830.4	2316.3	1920.9	*1638.4*	1242.9
80°	522.6	536.7	635.6	932.2	1454.8	1991.5	1553.6	1299.4	1299.4	*1101.7*	833.3
82.5°	282.5	296.6	423.7	607.3	776.8	932.2	748.6	762.7	918.1	*748.6*	480.2
85°	197.7	197.7	324.8	437.8	437.8	452.0	324.8	480.2	536.7	*466.1*	324.8
87.5°	113.0	113.0	183.6	211.9	211.9	197.7	98.9	169.5	211.9	*240.1*	141.2
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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REPORT NUMBER: P1458374
CATALOG NUMBER: GLAN-SB7D-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6920.7	6920.7	6920.7	6920.7	6920.7	6920.7	6920.7	6920.7	6920.7	6920.7	6920.7
2.5°	6949.0	6906.6	6821.8	6652.4	6567.6	6454.6	6355.8	6228.6	6200.4	6186.3	6129.8
5°	7062.0	6977.2	6723.0	6355.8	6045.0	5748.4	5451.8	5282.3	5141.1	5070.5	5056.4
7.5°	7344.4	7174.9	6708.9	6059.2	5480.1	4971.6	4533.8	4152.4	3954.7	3785.2	3799.3
10°	7768.1	7499.8	6737.1	5776.7	4915.1	4095.9	3460.4	2909.5	2514.1	2330.4	2316.3
12.5°	8333.1	7951.8	6836.0	5494.2	4223.0	3079.0	2273.9	1949.1	1864.4	1850.2	1836.1
15°	9025.2	8488.5	6934.8	5127.0	3290.9	2132.7	1850.2	1779.6	1765.5	1751.4	1751.4
17.5°	9858.5	9109.9	6991.3	4505.5	2401.1	1836.1	1737.2	1694.9	1680.7	1666.6	1666.6
20°	10903.7	9802.0	7062.0	3714.6	2033.8	1765.5	1652.5	1596.0	1581.9	1581.9	1567.8
22.5°	11934.7	10578.8	7005.5	3022.5	1963.2	1680.7	1553.6	1497.1	1468.9	1468.9	1454.8
25°	13121.1	11369.7	6836.0	2725.9	1949.1	1610.1	1454.8	1370.0	1327.6	1313.5	1313.5
27.5°	14477.0	12273.7	6567.6	2740.0	1949.1	1553.6	1327.6	1214.7	1186.4	1158.2	1158.2
30°	16030.6	13375.3	6369.9	2923.6	1977.3	1497.1	1214.7	1073.4	1031.0	1002.8	1016.9
32.5°	17810.2	14604.1	6355.8	3220.2	2019.7	1412.4	1087.5	932.2	889.8	875.7	889.8
35°	19830.0	16129.5	6680.6	3446.2	1906.7	1228.8	932.2	805.1	762.7	762.7	776.8
37.5°	22075.7	17880.9	7118.4	3389.7	1539.5	974.5	805.1	706.2	663.8	677.9	692.1
40°	24123.6	19250.9	7189.1	2895.4	1158.2	833.3	692.1	621.5	593.2	607.3	621.5
42.5°	25677.3	20352.5	6511.1	2245.7	974.5	706.2	593.2	536.7	522.6	550.8	550.8
45°	26934.3	20790.4	5437.7	1666.6	861.6	607.3	522.6	494.3	466.1	480.2	480.2
47.5°	28247.8	20861.0	4434.9	1341.8	762.7	550.8	480.2	452.0	423.7	423.7	423.7
50°	29519.0	20691.5	3389.7	1186.4	706.2	494.3	437.8	409.6	381.3	367.2	367.2
52.5°	29829.7	19335.6	2485.8	1101.7	649.7	466.1	409.6	381.3	353.1	339.0	339.0
55°	*28968.1*	*16765.1*	*1949.1*	*988.7*	*593.2*	*423.7*	*381.3*	*353.1*	*310.7*	*296.6*	*296.6*
57.5°	26129.2	12782.1	1553.6	847.4	536.7	409.6	353.1	324.8	282.5	268.4	268.4
60°	22442.9	9067.5	1257.0	692.1	494.3	367.2	324.8	282.5	254.2	226.0	226.0
62.5°	18361.1	6511.1	1016.9	579.1	466.1	324.8	296.6	254.2	197.7	155.4	155.4
65°	14081.5	4675.0	790.9	466.1	423.7	282.5	254.2	211.9	155.4	113.0	113.0
67.5°	9109.9	3022.5	593.2	409.6	324.8	240.1	197.7	169.5	141.2	98.9	84.7
70°	4802.1	1765.5	437.8	353.1	240.1	183.6	169.5	141.2	113.0	70.6	70.6
72.5°	2485.8	1158.2	324.8	310.7	183.6	127.1	141.2	113.0	84.7	42.4	42.4
75°	1596.0	776.8	240.1	254.2	113.0	98.9	98.9	70.6	42.4	28.2	14.1
77.5°	1031.0	522.6	169.5	211.9	70.6	56.5	56.5	28.2	14.1	0.0	0.0
80°	607.3	324.8	113.0	141.2	28.2	28.2	14.1	0.0	0.0	0.0	0.0
82.5°	310.7	169.5	56.5	56.5	14.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	197.7	84.7	14.1	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	98.9	28.2	14.1	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

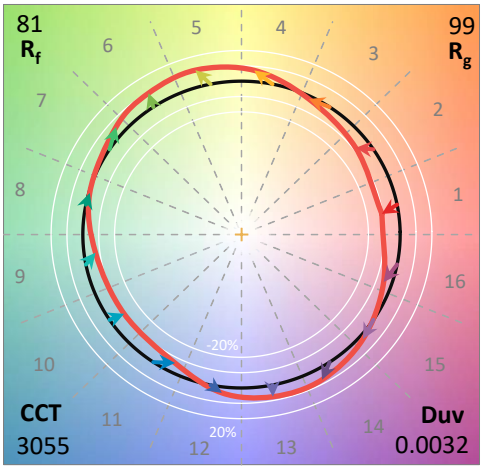
Test Information

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

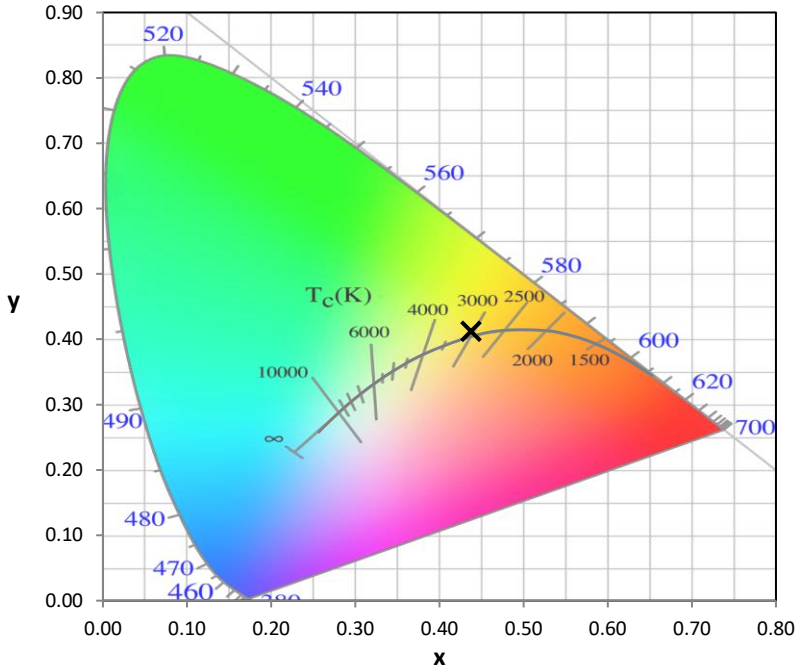
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

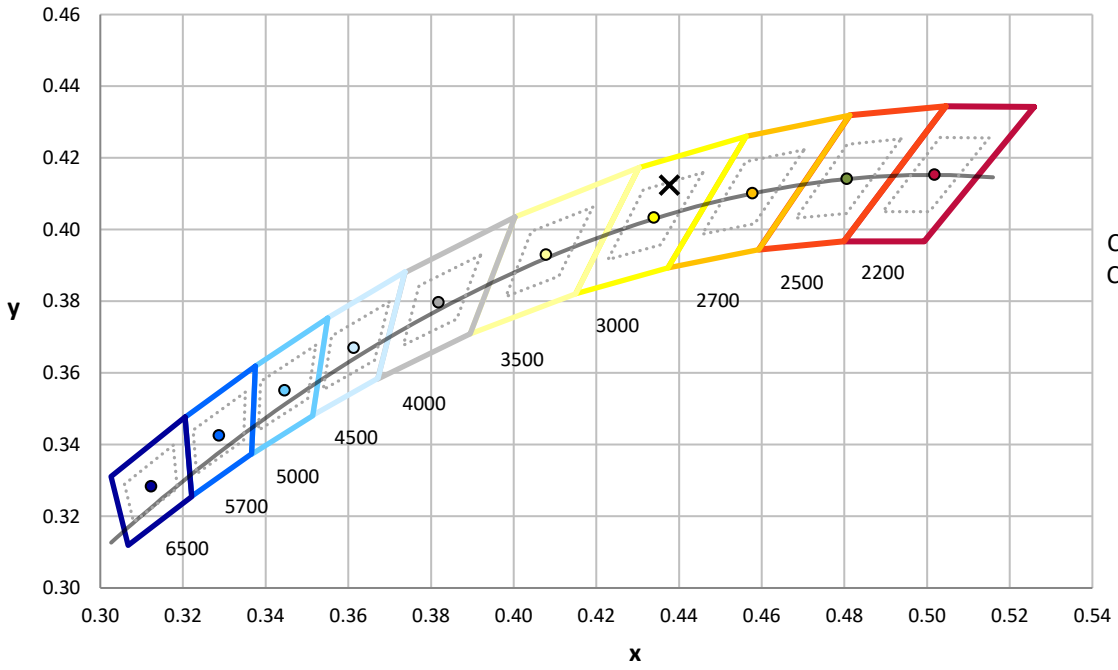
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

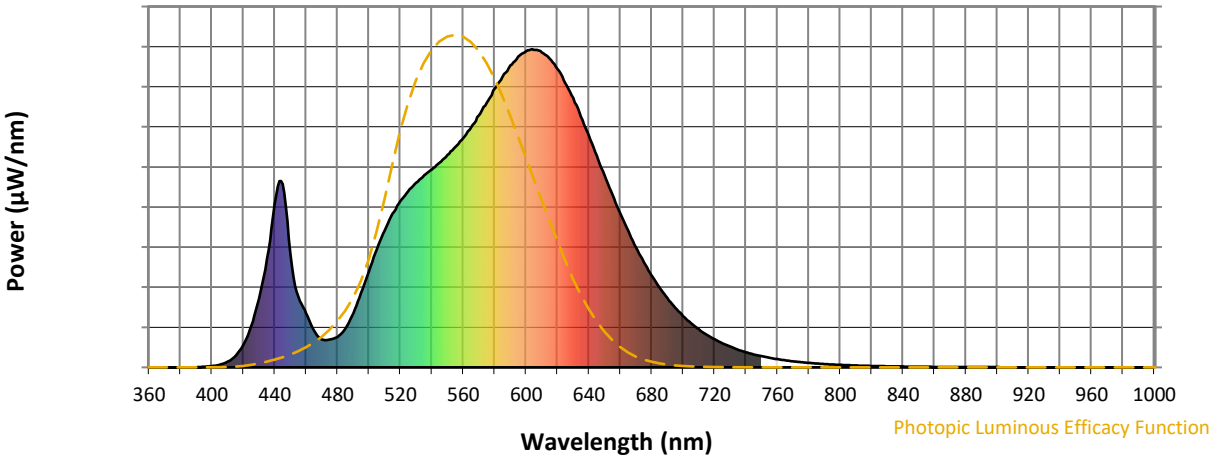


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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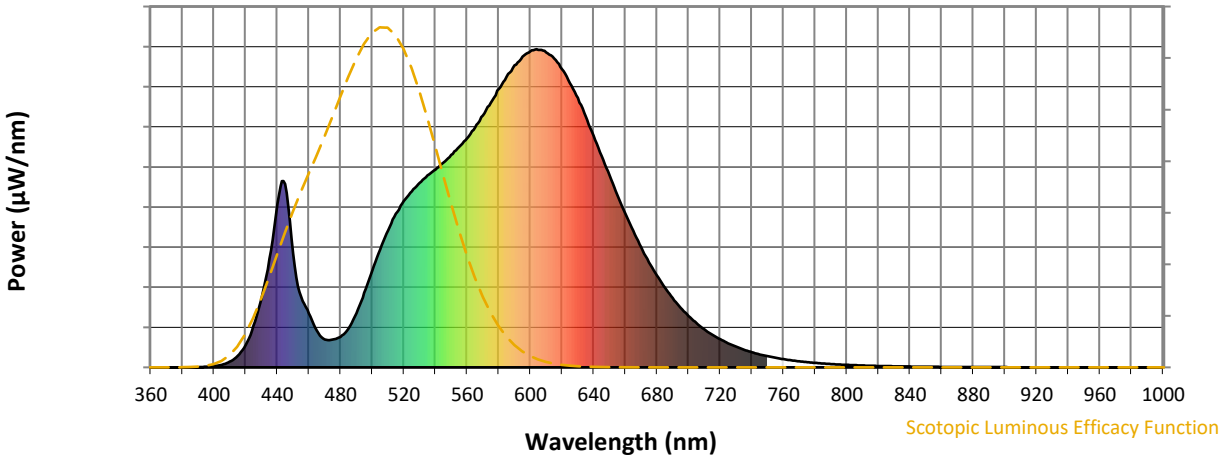
Scotopic Flux vs. Wavelength



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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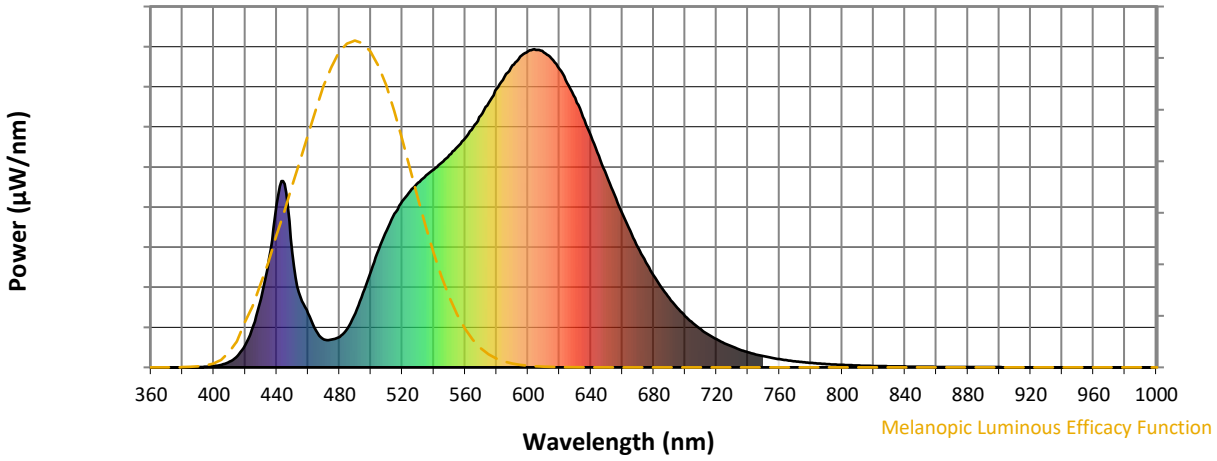
Melanopic Flux vs. Wavelength



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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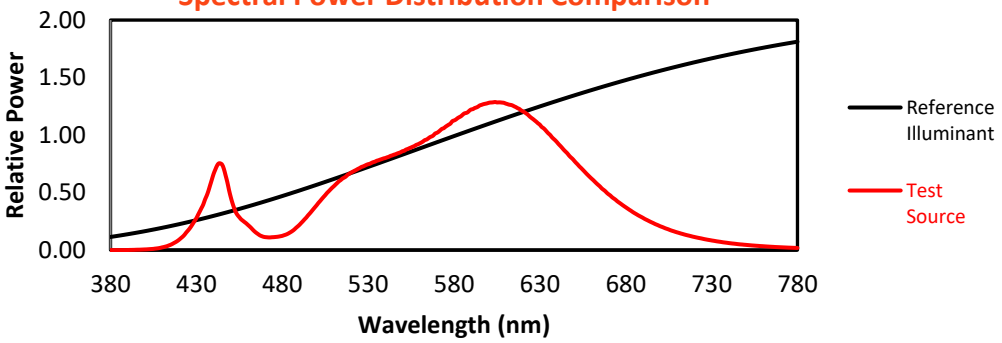
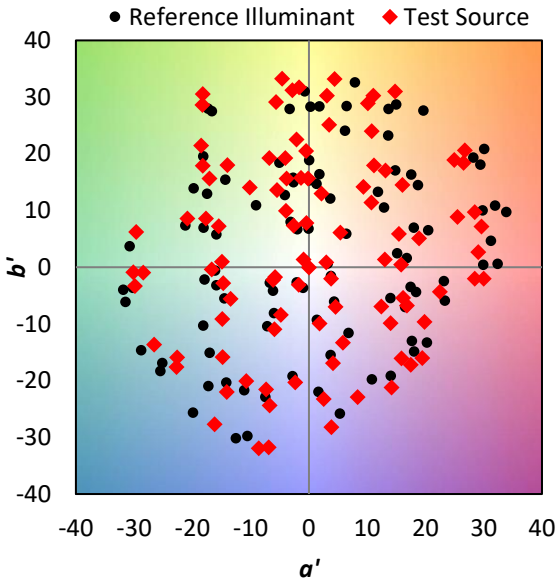
Summary

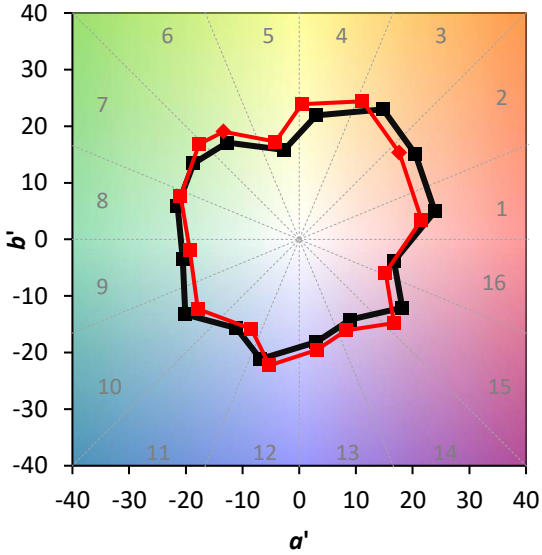
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

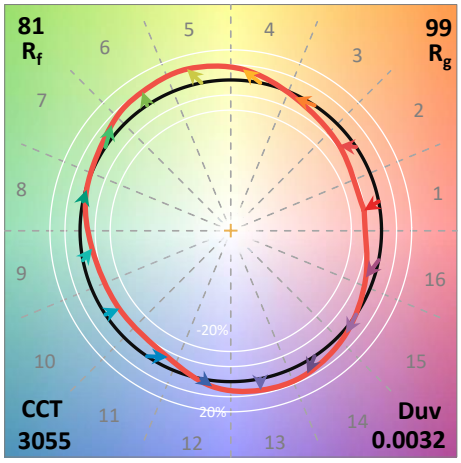
Spectral Power Distribution Comparison

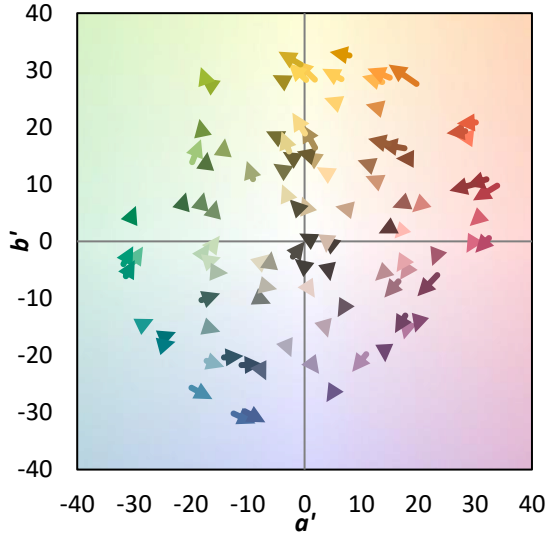


Color Vector Graphics









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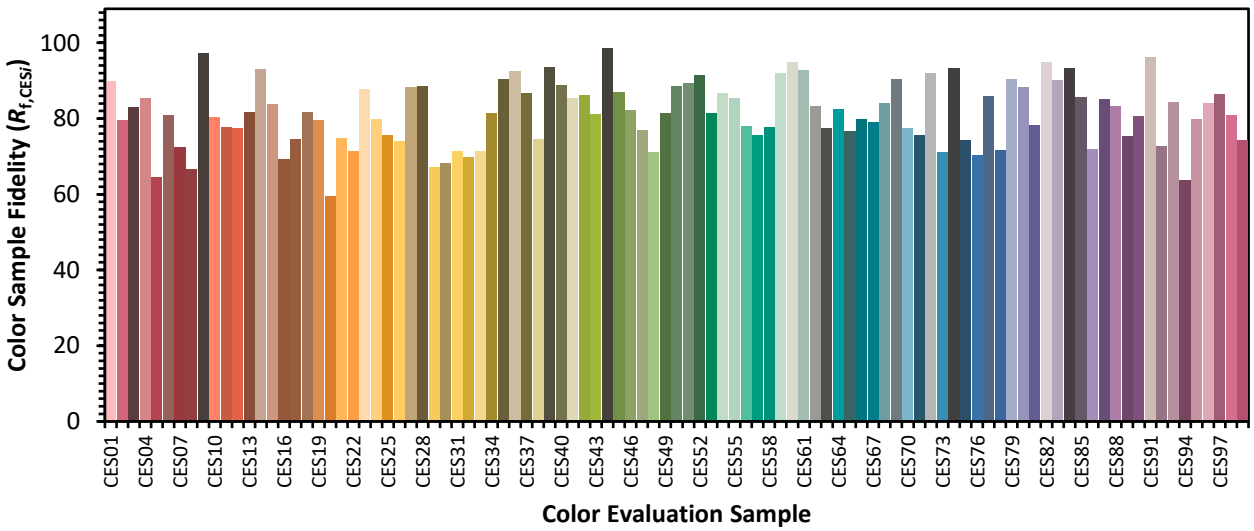
Individual Sample Fidelity Index ($R_{f,i}$)

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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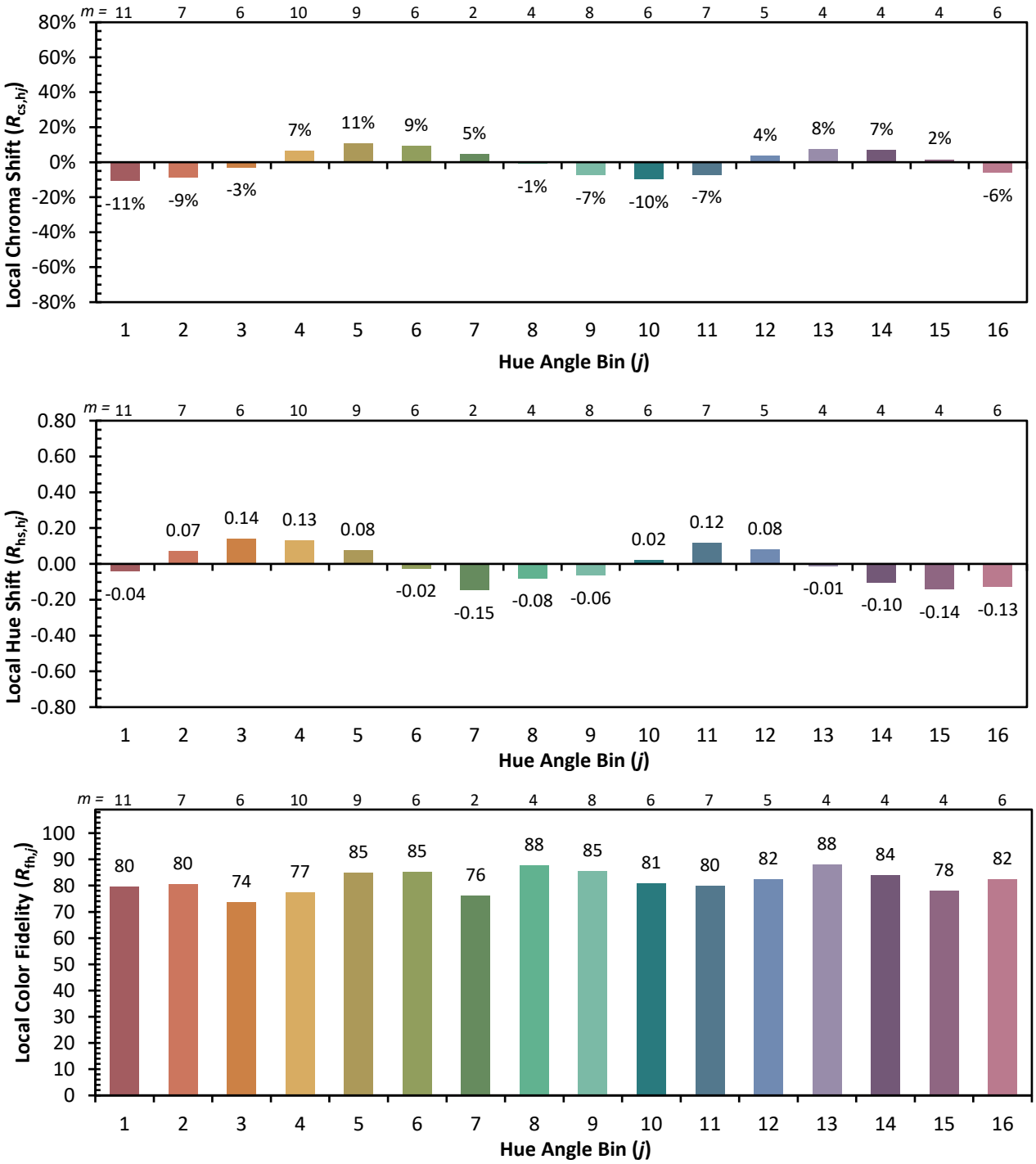
Color Rendition by Hue-Angle Bin



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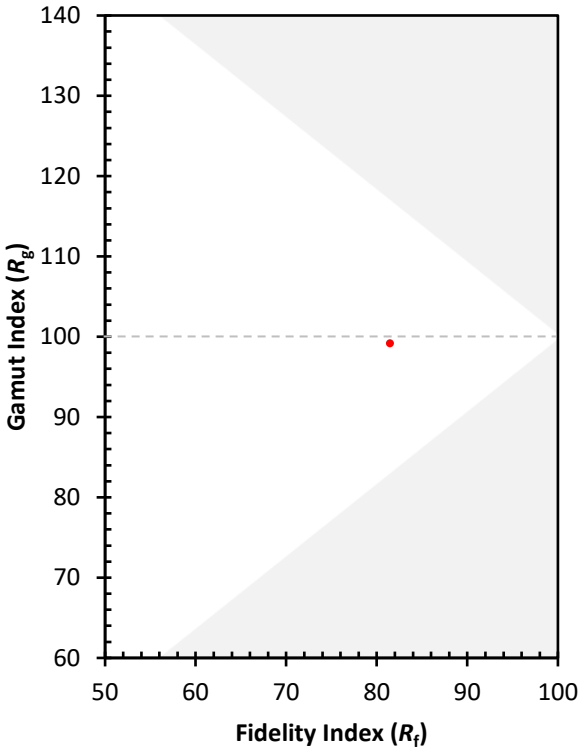
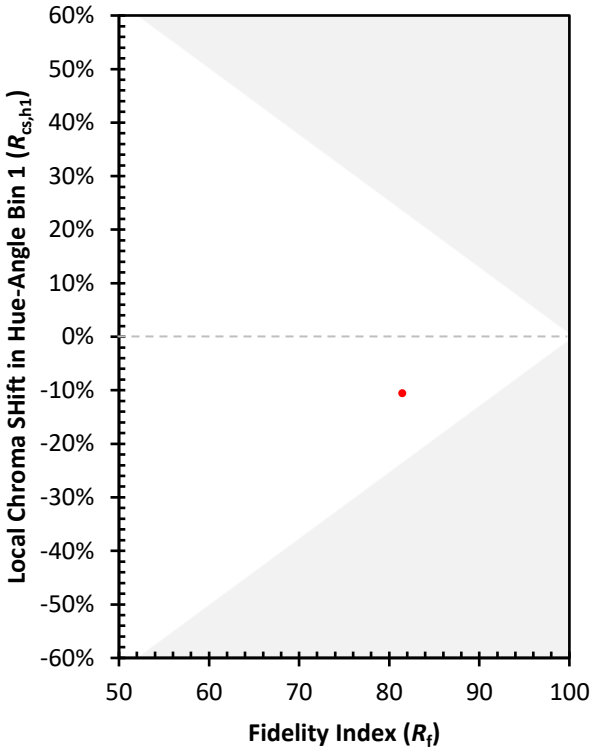
Measure Comparisons





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