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: P1459030

Luminaire Tested: GLAN-SB9D-840-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:	P1459030
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9D-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 9xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(234) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	64280.5 lumens
Efficiency:	N/A
Efficacy:	97.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G5

Input Watts (W):	658
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: P1459030
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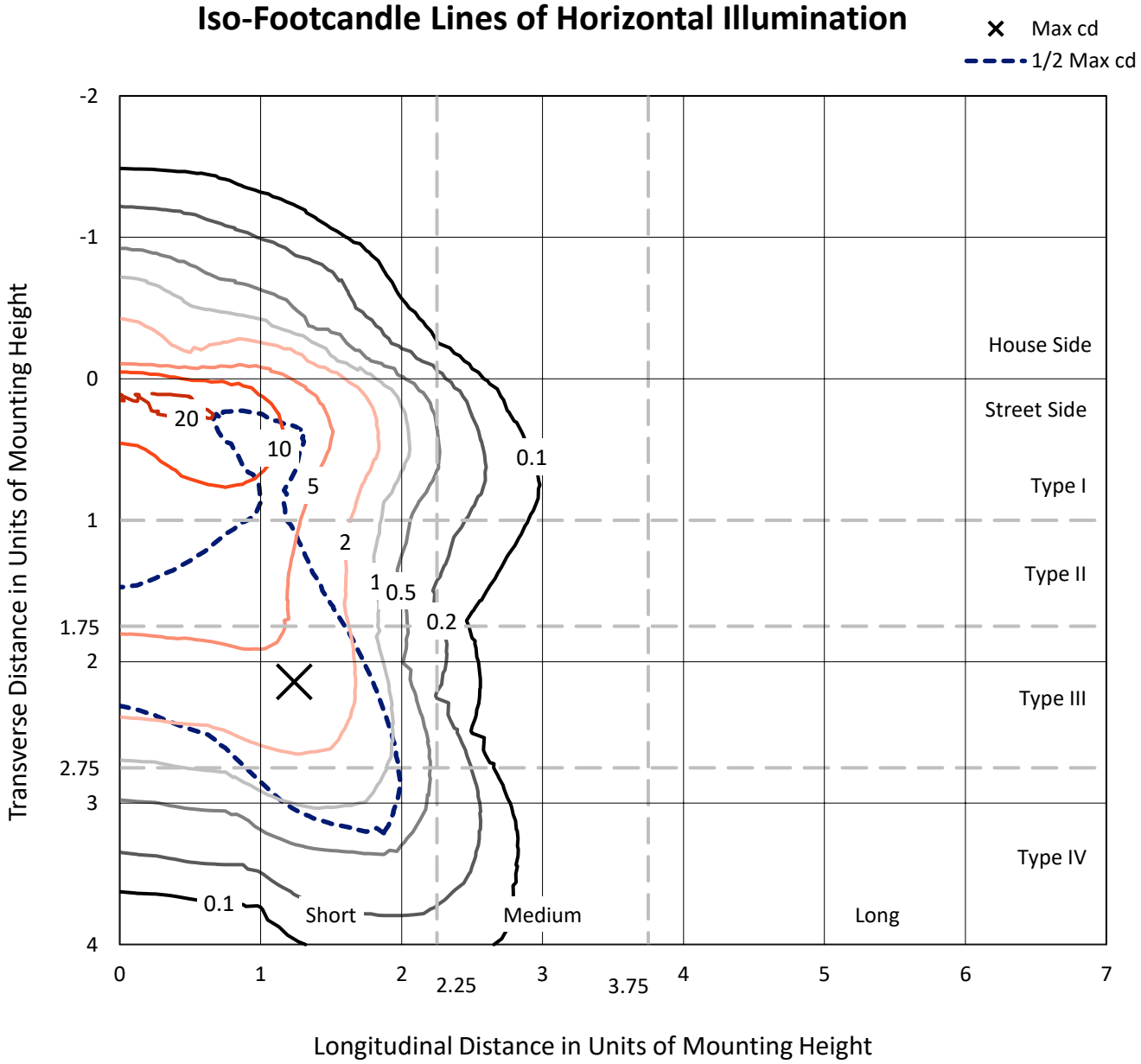
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 21.5 fc
Type IV - Short - N/A

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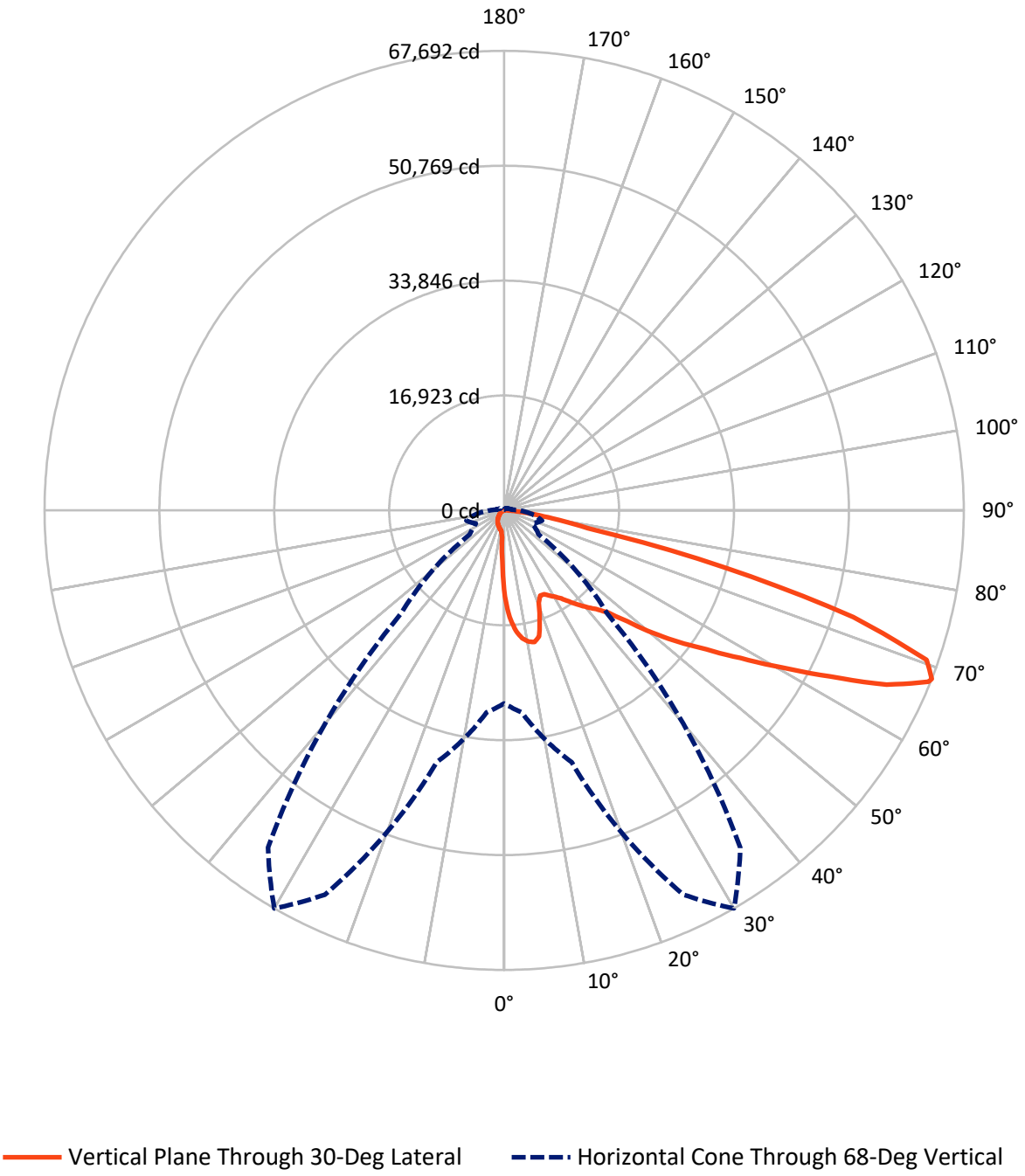
Luminous Intensity Polar Plot



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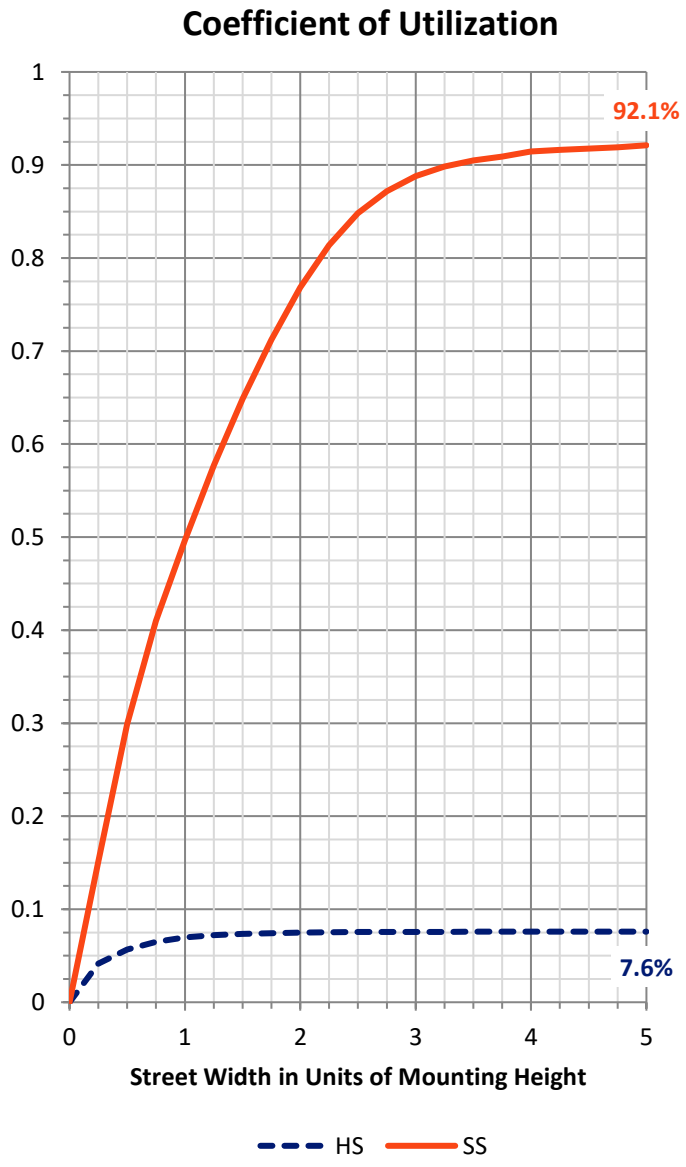
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4906.3	0.0	4906.3
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	59374.2	0.0	59374.2
	% Fixture	92.4	0.0	92.4
Total	Lumens	64280.5	0.0	64280.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1093.7	1.7
10°-20°	3122.5	4.9
20°-30°	4907.0	7.6
30°-40°	7696.2	12.0
40°-50°	11503.5	17.9
50°-60°	15303.4	23.8
60°-70°	14793.7	23.0
70°-80°	5317.7	8.3
80°-90°	542.7	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°	64280.5	100.0
0°-180°	64280.5	100.0



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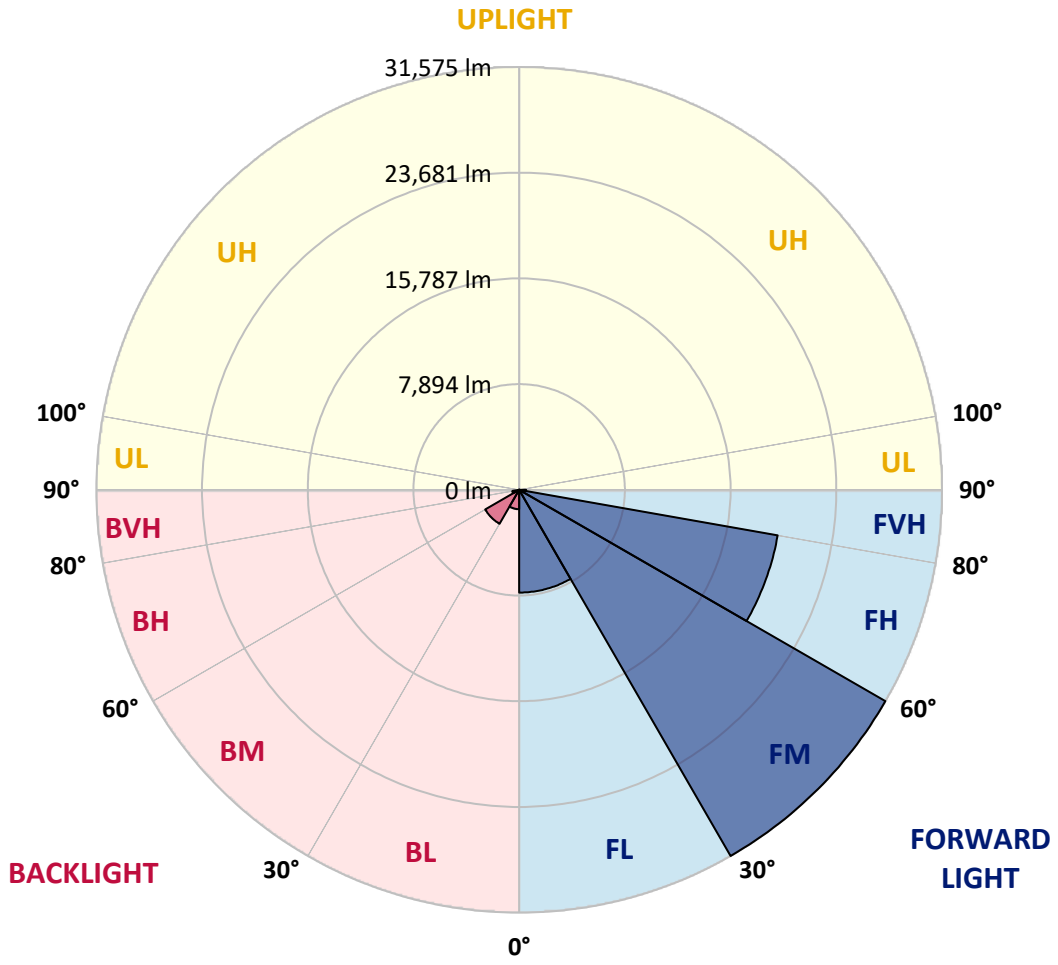
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	7675.1	11.9			
FM	(30°-60°)	31574.6	49.1			
FH	(60°-80°)	19601.2	30.5			G5
FVH	(80°-90°)	523.4	0.8			G4/750
BL	(0°-30°)	1448.2	2.3	B3/2500		
BM	(30°-60°)	2928.6	4.6	B3/5000		
BH	(60°-80°)	510.3	0.8	B2/1000		G2/1000
BVH	(80°-90°)	19.3	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 IV Short



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REPORT NUMBER: P1459030
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	12675.4	12675.4	12675.4	12675.4	*12675.4*	12675.4	12675.4	12675.4	12675.4	12675.4	12675.4
2.5°	16200.6	16200.6	16085.0	15930.9	*15757.5*	15699.7	15372.2	14909.9	14428.3	13869.7	13060.6
5°	18281.0	18261.8	18030.6	18030.6	*17799.4*	17587.5	17260.1	16585.8	15815.3	14813.6	13407.4
7.5°	19205.7	19244.2	19147.9	19147.9	*19013.0*	18858.9	18666.3	18011.3	17106.0	15757.5	13754.1
10°	19533.1	19552.4	19552.4	19687.3	*19648.7*	19629.5	19610.2	19244.2	18300.3	16720.7	14120.1
12.5°	18743.3	18839.7	19109.4	19706.5	*19899.2*	20111.1	20400.0	20284.4	19629.5	17934.3	14678.8
15°	16200.6	16219.8	16971.1	18454.4	*19244.2*	20053.3	21170.5	21401.7	20977.9	19244.2	15256.7
17.5°	13368.8	13426.6	14023.8	15680.5	*16951.8*	18820.4	21613.6	22557.5	22403.4	20534.8	15796.0
20°	12193.8	12270.8	12559.8	13600.0	*14563.2*	16296.9	21170.5	23655.5	23713.3	21825.5	16296.9
22.5°	11924.1	11981.9	12213.0	13022.1	*13619.3*	14775.1	19668.0	24522.4	25196.6	23308.8	16894.1
25°	11847.0	11904.8	12251.6	13137.7	*13696.3*	14659.5	18300.3	24984.7	26949.6	24849.9	17472.0
27.5°	11789.2	11866.3	12424.9	13561.5	*14216.4*	15141.1	18049.9	25081.0	28625.5	26487.3	18415.9
30°	11866.3	11981.9	12713.9	14004.5	*14755.8*	15796.0	18647.0	25177.3	30474.8	28355.8	19610.2
32.5°	12174.5	12270.8	13156.9	14601.7	*15468.6*	16643.6	19668.0	25755.2	32227.8	30262.9	20746.7
35°	12521.2	12656.1	13715.6	15449.3	*16489.5*	17818.7	21055.0	26891.8	33903.7	32073.7	21921.8
37.5°	12945.0	13099.2	14370.5	16412.5	*17606.8*	19109.4	22557.5	28471.4	35387.0	33556.9	23096.9
40°	13522.9	13696.3	15121.8	17433.4	*18724.1*	20226.6	24040.8	30031.7	36523.5	34443.1	23867.4
42.5°	15796.0	16027.2	16624.4	18435.1	*19879.9*	21421.0	25504.8	31515.0	36947.3	34732.0	24021.5
45°	20034.0	20265.2	20111.1	20457.8	*21421.0*	22865.7	27103.7	32940.5	37005.1	34655.0	23944.5
47.5°	24291.2	24560.9	24426.1	24233.4	*24445.3*	25138.8	28895.2	33845.9	36696.9	34616.4	23944.5
50°	28355.8	28201.7	28221.0	28163.2	*28355.8*	28721.8	30628.9	34019.3	36619.8	34982.4	24156.4
52.5°	30532.6	30609.6	31091.2	31804.0	*32227.8*	32593.8	32613.0	34289.0	36061.2	34366.0	23906.0
55°	32670.8	32824.9	33942.2	35155.8	*36099.7*	36793.2	34597.2	34115.6	32728.6	32304.8	22596.0
57.5°	35078.8	35290.7	36870.3	39374.5	*41031.2*	41397.2	36562.0	30879.3	27700.9	29357.5	20053.3
60°	38392.1	38642.5	40742.2	44498.6	*46964.3*	46213.0	36716.2	25736.0	21998.9	24368.3	16547.3
62.5°	40992.6	41493.5	45288.4	51144.5	*53860.6*	51472.0	33845.9	19725.8	15372.2	17125.2	12078.2
65°	38218.7	39181.9	45365.5	58753.6	*61893.5*	57655.5	29338.3	13465.2	8668.6	11076.5	7724.6
67.5°	30898.6	32247.0	40279.9	62452.1	*67402.8*	60911.1	23096.9	7146.7	4970.0	6434.0	4064.6
68°	*28432.9*	*29896.9*	*38411.3*	*62452.1*	*67691.8*	*60622.1*	*21440.2*	*6183.6*	*4584.7*	*5779.0*	*3525.2*
70°	19648.7	20689.0	29530.9	58946.2	*65996.6*	55266.9	14120.1	3544.5	3448.2	3968.3	2330.9
72.5°	9631.7	10749.0	15796.0	46713.9	*53764.3*	42475.9	6434.0	2350.1	2619.8	2908.8	1830.0
75°	3833.4	4064.6	6222.1	23039.1	*33595.5*	27103.7	3371.1	1772.2	2253.8	2273.1	1444.8
77.5°	2196.0	2330.9	3448.2	8475.9	*12598.3*	12116.7	2176.8	1271.4	1791.5	1637.4	943.9
80°	1232.9	1252.1	1945.6	4469.1	*7204.5*	6453.3	1483.3	924.6	1367.7	1155.8	635.7
82.5°	616.4	693.5	1232.9	2465.7	*4006.8*	4103.1	789.8	655.0	1098.0	828.3	520.1
85°	443.1	481.6	886.1	1367.7	*1849.3*	2773.9	481.6	327.5	828.3	558.6	366.0
87.5°	231.2	289.0	558.6	674.2	*751.3*	943.9	231.2	154.1	462.3	327.5	192.6
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: P1459030
CATALOG NUMBER: GLAN-SB9D-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12675.4	12675.4	12675.4	12675.4	12675.4	12675.4	12675.4	12675.4	12675.4	12675.4	12675.4
2.5°	12675.4	12232.3	11326.9	10267.4	9439.1	8591.5	7898.0	7243.1	6934.8	6896.3	6973.4
5°	12617.6	11654.4	9593.2	7570.5	5913.9	4758.1	4122.4	3794.9	3621.5	3544.5	3563.7
7.5°	12502.0	11038.0	7743.9	5124.1	3833.4	3332.6	3178.5	3120.7	3101.4	3101.4	3101.4
10°	12386.4	10209.6	5933.1	3756.4	3139.9	3005.1	2966.6	2966.6	2947.3	2947.3	2966.6
12.5°	12328.6	9439.1	4604.0	3139.9	2928.0	2870.3	2831.7	2812.5	2812.5	2812.5	2831.7
15°	12193.8	8591.5	3717.8	2908.8	2793.2	2716.1	2696.9	2677.6	2677.6	2677.6	2677.6
17.5°	12078.2	7763.2	3236.3	2754.7	2658.4	2581.3	2562.0	2542.8	2542.8	2562.0	2562.0
20°	11904.8	6973.4	2908.8	2600.6	2523.5	2446.5	2427.2	2407.9	2427.2	2427.2	2427.2
22.5°	11692.9	6318.4	2716.1	2485.0	2388.7	2311.6	2311.6	2311.6	2311.6	2311.6	2330.9
25°	11558.1	5856.1	2581.3	2350.1	2253.8	2196.0	2176.8	2176.8	2215.3	2215.3	2234.6
27.5°	11770.0	5740.5	2600.6	2311.6	2138.2	2080.5	2061.2	2061.2	2099.7	2119.0	2138.2
30°	12405.7	5952.4	2831.7	2427.2	2061.2	1964.9	1945.6	1945.6	2003.4	2022.7	2041.9
32.5°	13137.7	6395.5	3178.5	2581.3	2003.4	1849.3	1810.8	1810.8	1868.6	1887.8	1907.1
35°	14139.4	7089.0	3640.8	2716.1	2041.9	1733.7	1656.7	1656.7	1695.2	1733.7	1753.0
37.5°	15430.0	8225.5	4180.2	2812.5	2041.9	1598.9	1502.5	1483.3	1521.8	1521.8	1541.1
40°	16778.5	9708.8	4738.8	2812.5	1945.6	1464.0	1367.7	1309.9	1329.2	1309.9	1329.2
42.5°	17529.7	10903.1	5220.4	2639.1	1830.0	1329.2	1232.9	1155.8	1136.5	1098.0	1117.3
45°	17953.5	11442.5	5085.6	2446.5	1714.4	1232.9	1117.3	1021.0	982.4	924.6	924.6
47.5°	17953.5	11500.3	4353.5	2292.4	1598.9	1155.8	1001.7	905.4	847.6	789.8	809.1
50°	17741.6	10980.2	3448.2	2138.2	1464.0	1078.8	905.4	828.3	751.3	712.7	712.7
52.5°	16855.5	9285.0	2639.1	1945.6	1309.9	982.4	809.1	732.0	655.0	635.7	635.7
55°	15333.7	6819.3	2138.2	1753.0	1175.1	905.4	732.0	674.2	597.2	558.6	558.6
57.5°	12463.5	4661.8	1772.2	1579.6	1040.2	809.1	655.0	597.2	500.8	462.3	462.3
60°	9246.5	3043.6	1502.5	1387.0	886.1	732.0	577.9	500.8	423.8	385.3	366.0
62.5°	6241.4	2061.2	1252.1	1098.0	751.3	635.7	500.8	423.8	327.5	250.4	250.4
65°	3891.2	1598.9	1040.2	866.9	655.0	558.6	423.8	327.5	231.2	173.4	154.1
67.5°	2234.6	1290.7	847.6	674.2	558.6	443.1	327.5	269.7	192.6	134.8	115.6
68°	*2061.2*	*1232.9*	*789.8*	*635.7*	*520.1*	*423.8*	*308.2*	*250.4*	*173.4*	*115.6*	*115.6*
70°	1675.9	1098.0	674.2	520.1	443.1	346.7	269.7	211.9	134.8	77.1	77.1
72.5°	1483.3	924.6	577.9	404.5	308.2	289.0	211.9	154.1	96.3	57.8	38.5
75°	1213.6	732.0	462.3	308.2	211.9	211.9	154.1	96.3	38.5	0.0	0.0
77.5°	789.8	539.4	366.0	192.6	115.6	134.8	96.3	38.5	0.0	0.0	0.0
80°	520.1	404.5	250.4	96.3	57.8	57.8	19.3	0.0	0.0	0.0	0.0
82.5°	366.0	269.7	154.1	38.5	19.3	19.3	0.0	0.0	0.0	0.0	0.0
85°	231.2	115.6	57.8	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	96.3	38.5	19.3	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

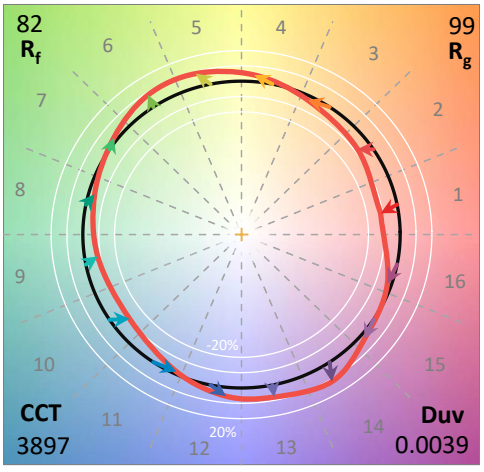
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

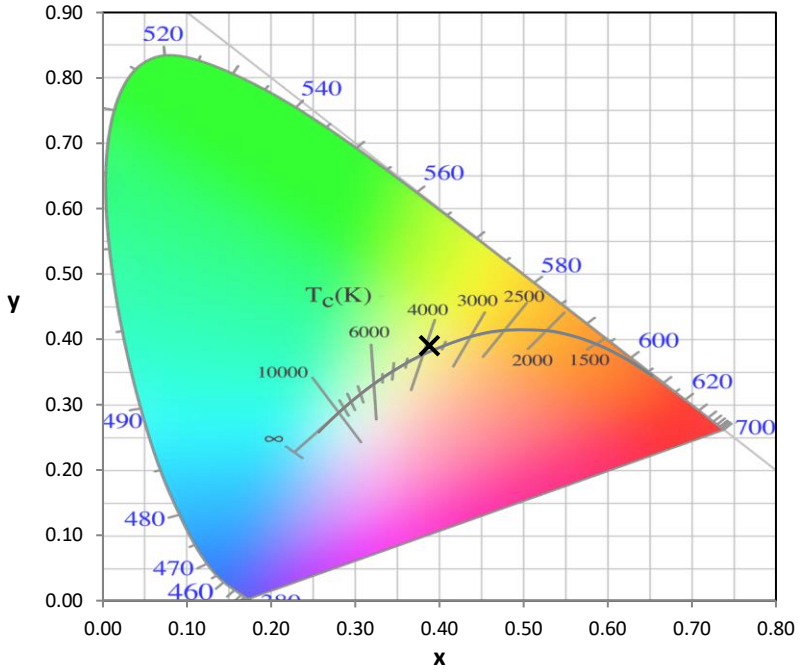
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

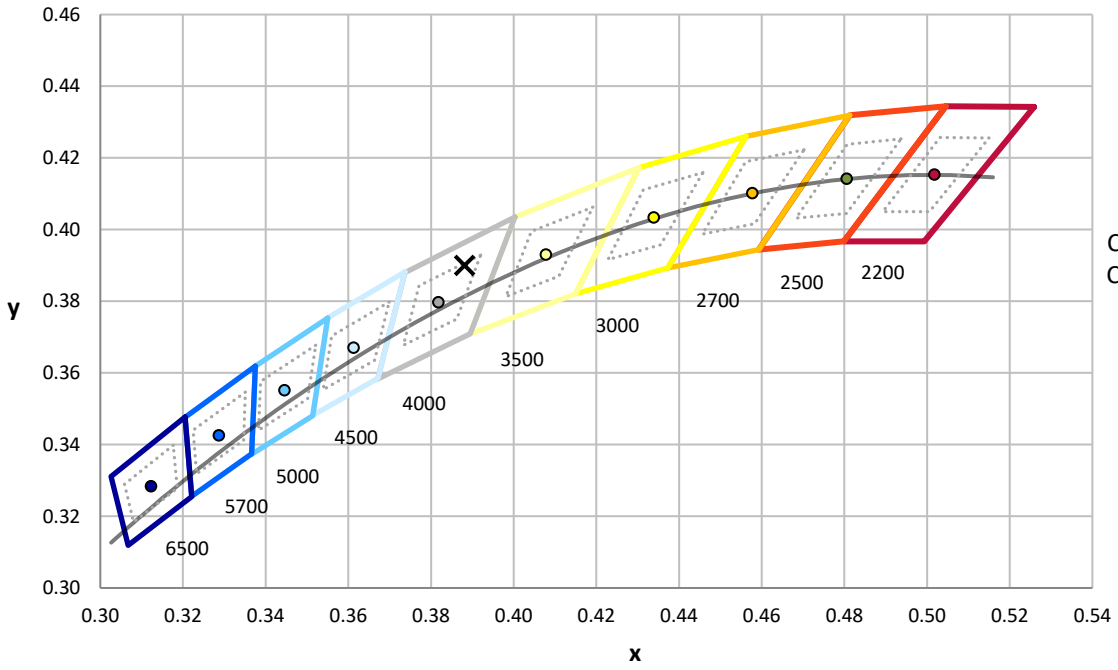
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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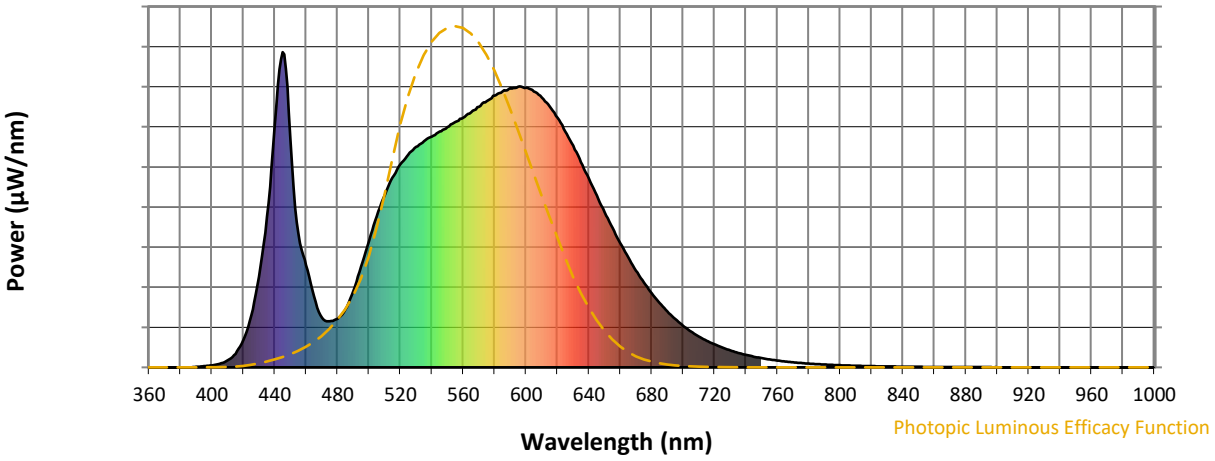
Photopic Flux vs. Wavelength



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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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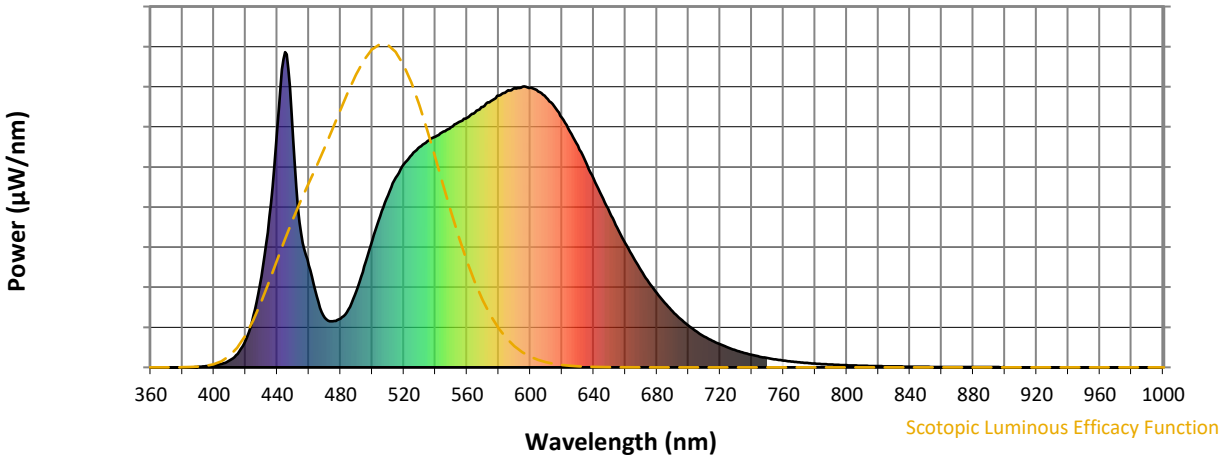
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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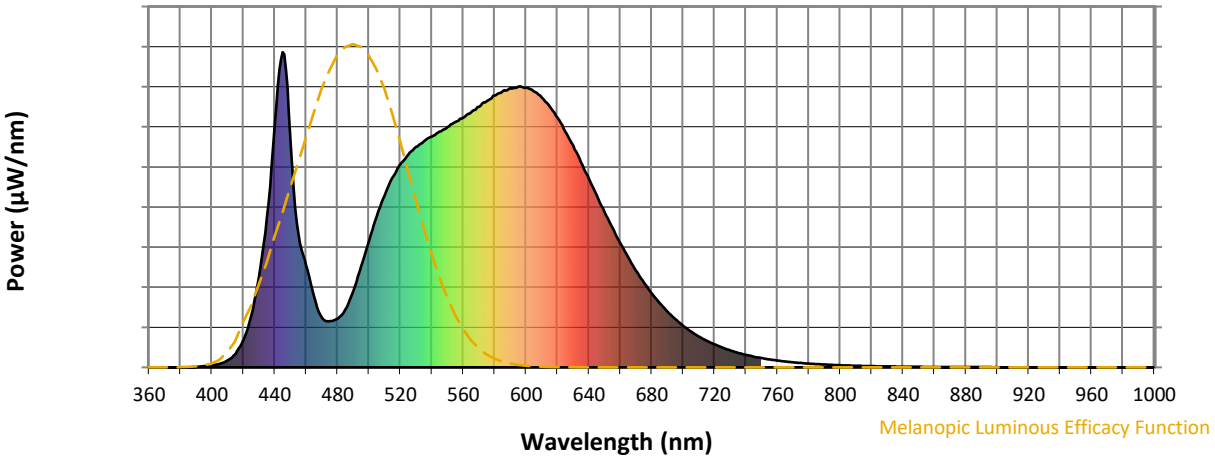
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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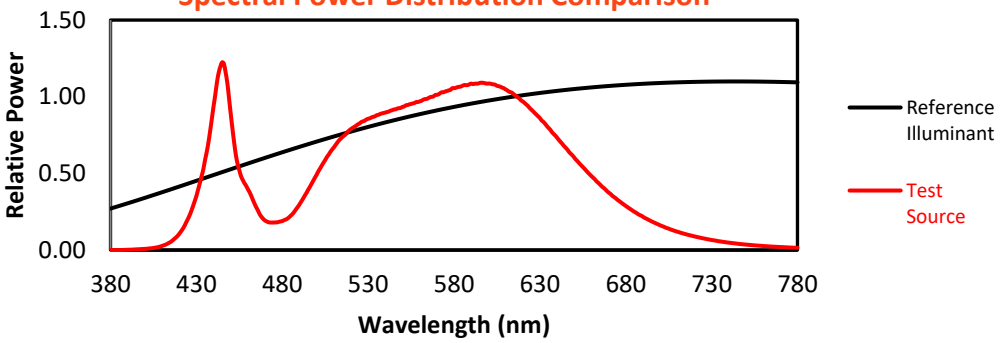
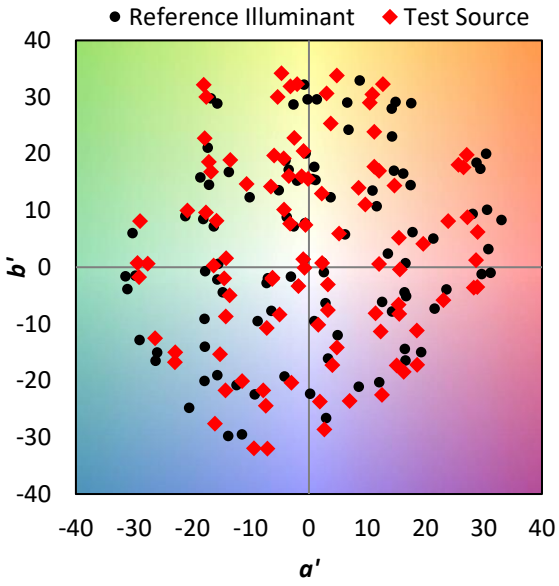
Summary

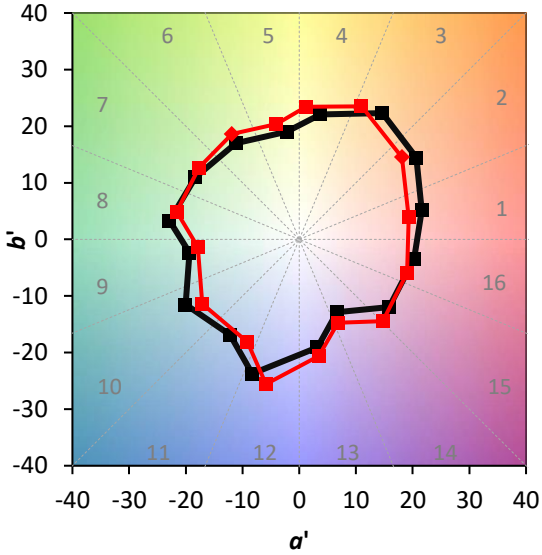
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

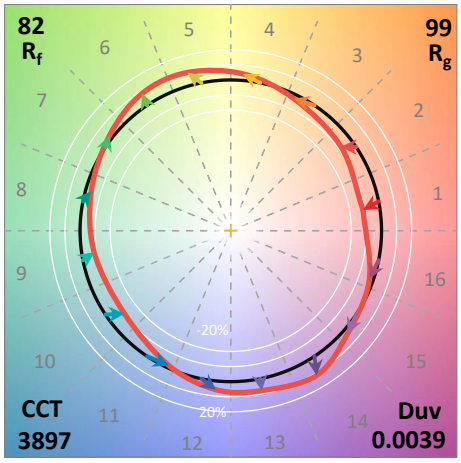
Spectral Power Distribution Comparison

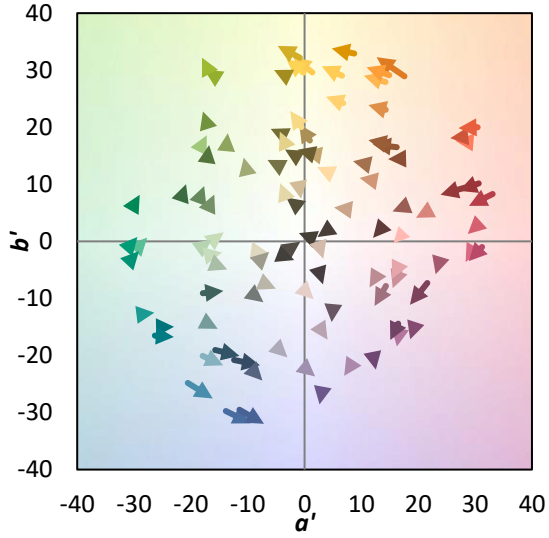


Color Vector Graphics









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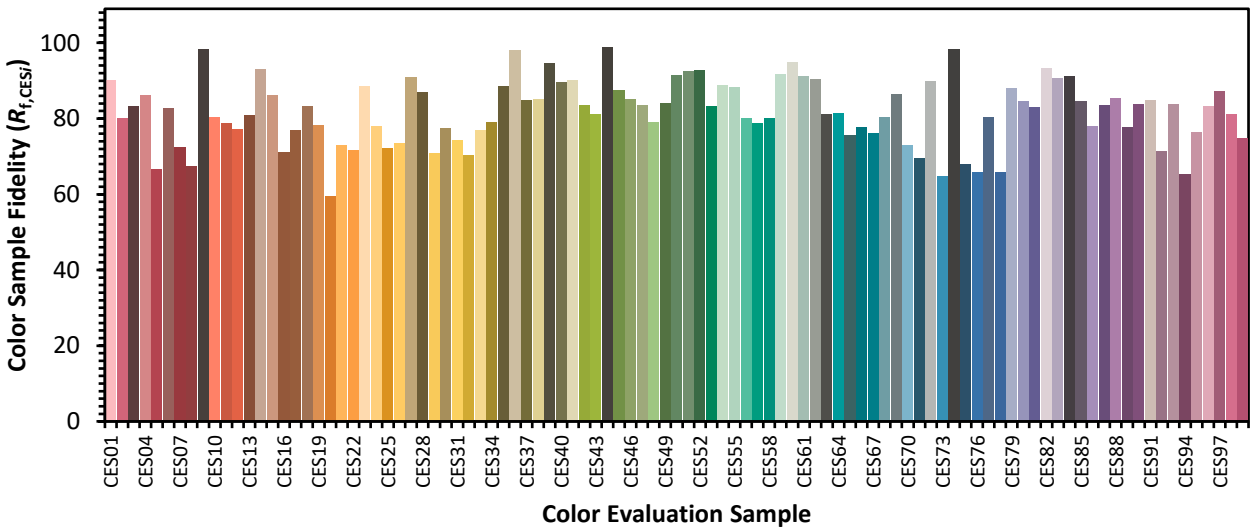
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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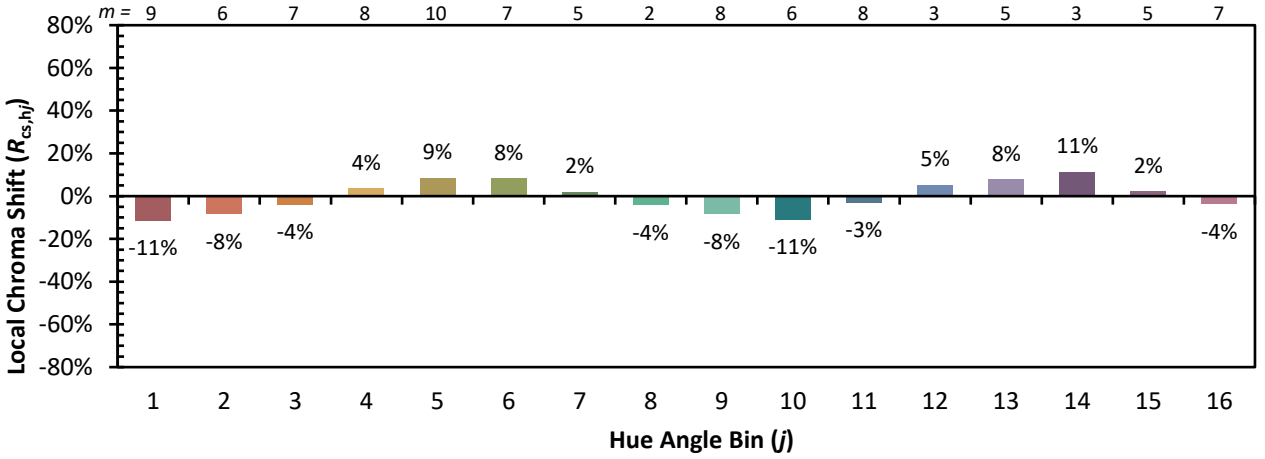
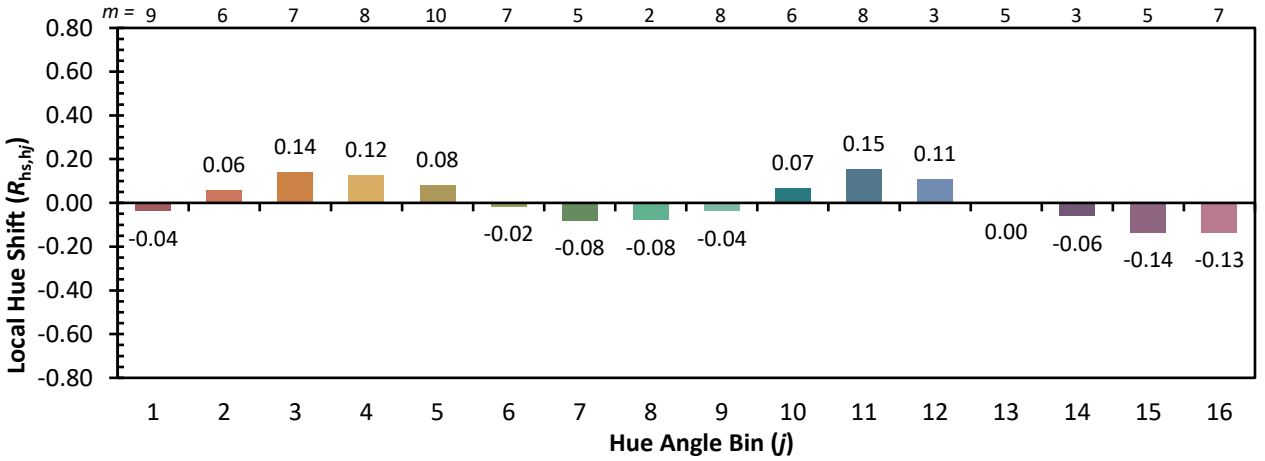
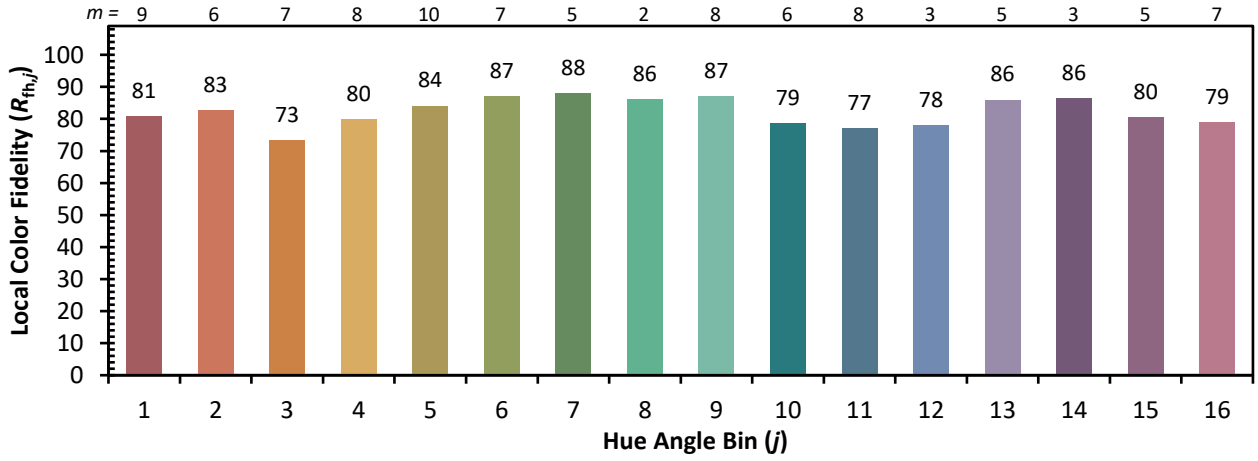
Color Rendition by Hue-Angle Bin







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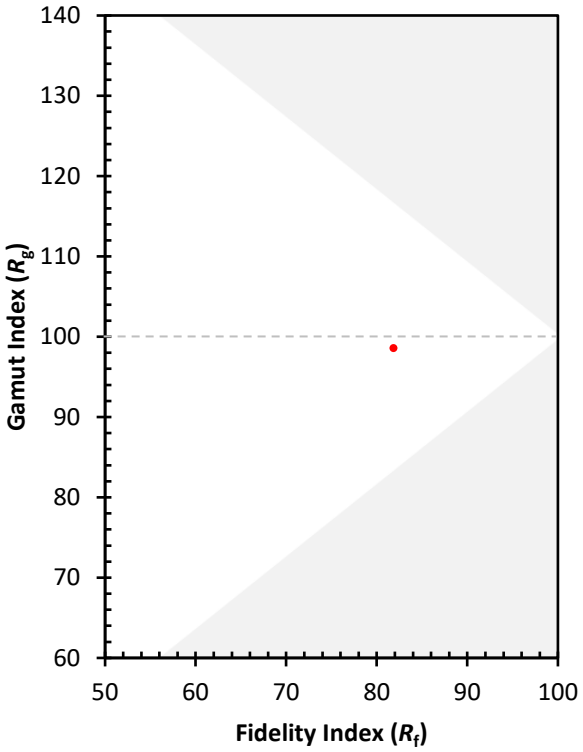
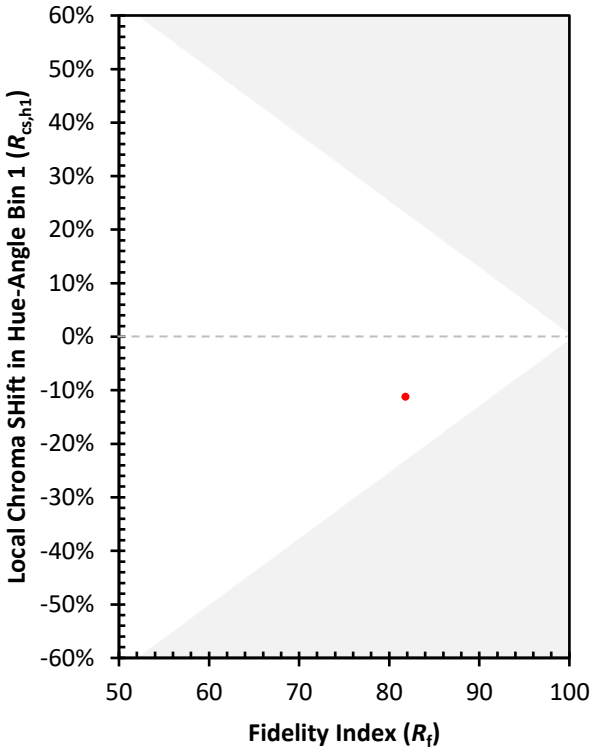
Measure Comparisons





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