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: P1457301

Luminaire Tested: GLAN-SB9C-840-U-T4LG

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:	P1457301
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9C-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 9xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(234) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	63847.5 lumens
Efficiency:	N/A
Efficacy:	141.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B4 - U0 - G5

Input Watts (W):	449.8
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: P1457301
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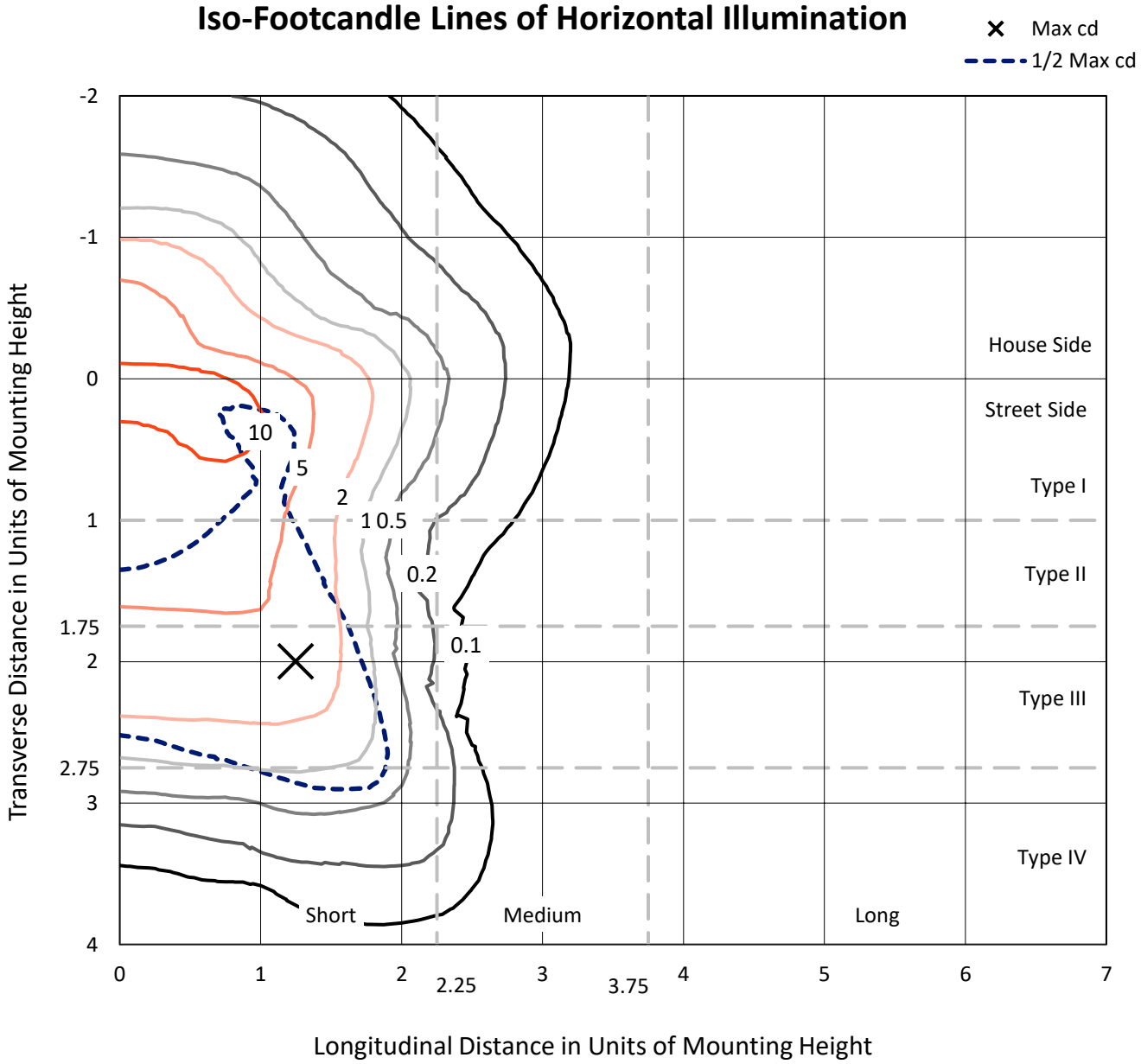
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 17.5 fc
Type IV - Short - N/A

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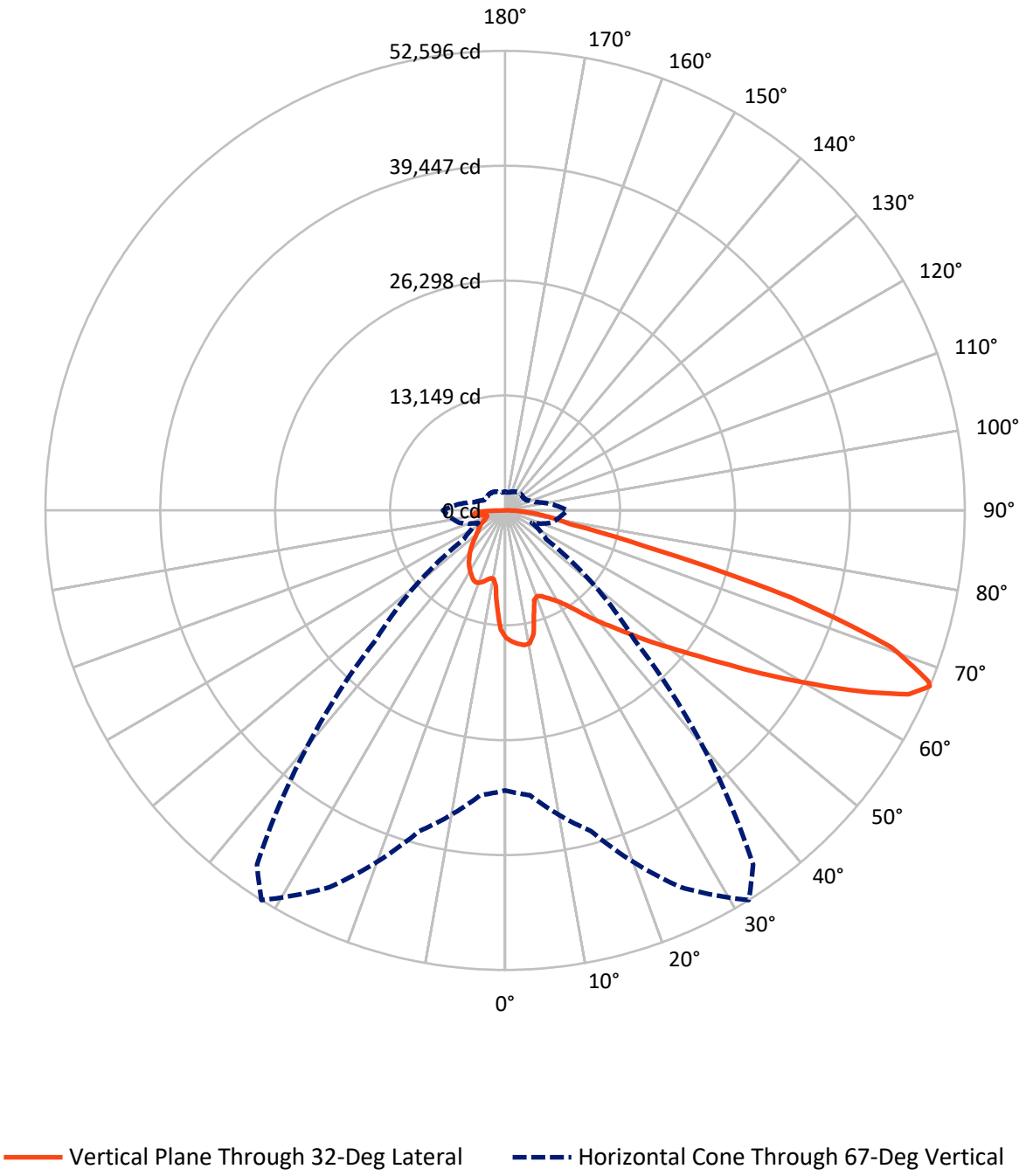
Luminous Intensity Polar Plot



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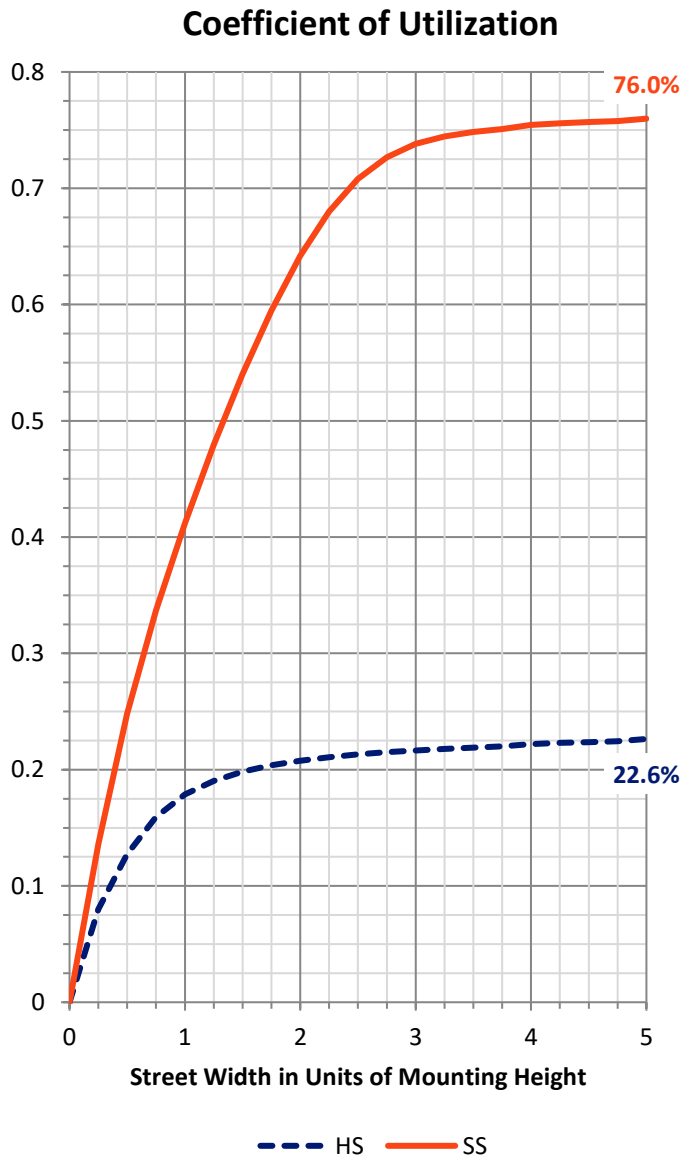
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15115.7	0.0	15115.7
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	48731.8	0.0	48731.8
	% Fixture	76.3	0.0	76.3
Total	Lumens	63847.5	0.0	63847.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1274.6	2.0
10°-20°	3384.2	5.3
20°-30°	5526.6	8.7
30°-40°	8145.7	12.8
40°-50°	11233.4	17.6
50°-60°	14191.1	22.2
60°-70°	13734.5	21.5
70°-80°	4901.7	7.7
80°-90°	1455.6	2.3
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°	63847.5	100.0
0°-180°	63847.5	100.0



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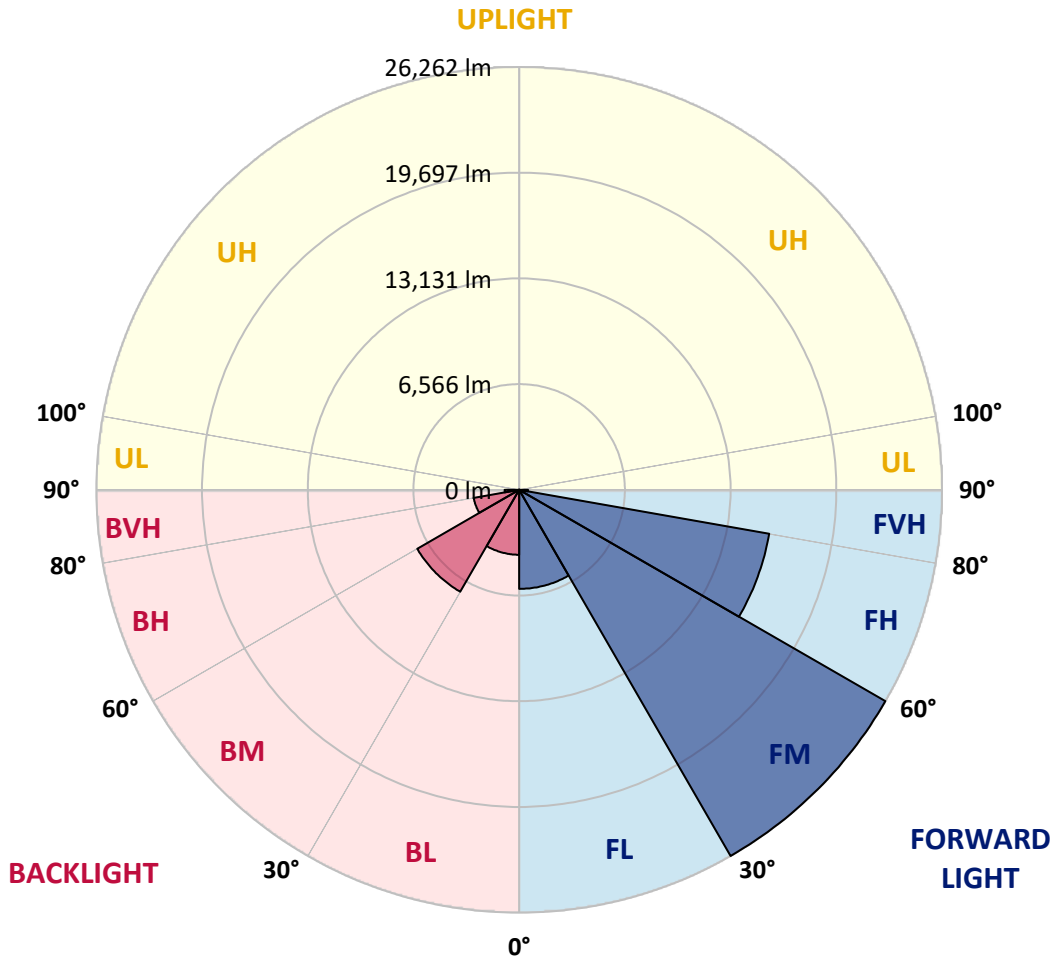
REPORT NUMBER: P1457301
CATALOG NUMBER: GLAN-SB9C-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	6151.8	9.6			
FM	(30°-60°)	26262.5	41.1			
FH	(60°-80°)	15769.0	24.7			G5
FVH	(80°-90°)	548.5	0.9			G4/750
BL	(0°-30°)	4033.6	6.3	B4/5000		
BM	(30°-60°)	7307.7	11.4	B4/8500		
BH	(60°-80°)	2867.2	4.5	B4/5000		G4/5000
BVH	(80°-90°)	907.1	1.4			G5
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type IV Short



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REPORT NUMBER: P1457301
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	14587.9	14587.9	14587.9	14587.9	*14587.9*	14587.9	14587.9	14587.9	14587.9	14587.9	14587.9
2.5°	15140.8	15098.2	15055.7	15084.1	*15027.4*	15013.2	14942.3	14913.9	14828.9	14814.7	14658.8
5°	15452.7	15367.6	15353.4	15381.8	*15325.1*	15325.1	15268.4	15225.8	15098.2	15027.4	14800.5
7.5°	15452.7	15438.5	15466.8	15566.1	*15580.3*	15580.3	15580.3	15594.4	15466.8	15367.6	15013.2
10°	14573.7	14431.9	14743.8	15240.0	*15481.0*	15622.8	15878.0	16033.9	15934.7	15863.8	15381.8
12.5°	11951.0	11965.2	12461.4	13524.6	*14488.6*	14899.8	15963.0	16530.1	16572.6	16459.2	15849.6
15°	10136.4	10207.3	10462.4	11228.0	*12333.8*	12943.4	15466.8	16969.6	17309.8	17196.4	16416.7
17.5°	9583.5	9626.0	9739.4	10178.9	*10802.7*	11298.9	14120.0	17253.1	18203.0	18061.2	17054.6
20°	9498.4	9526.8	9668.5	10037.1	*10462.4*	10746.0	12744.9	17026.3	19039.4	18982.7	17635.9
22.5°	9512.6	9541.0	9725.3	10235.6	*10675.1*	10916.1	12305.4	16501.7	19918.3	19975.0	18231.3
25°	9541.0	9555.1	9838.7	10519.2	*11072.0*	11369.8	12589.0	16033.9	20655.5	21137.5	18883.4
27.5°	9696.9	9739.4	10122.2	10887.7	*11539.9*	11880.1	13255.3	16189.9	21463.6	22456.0	19663.2
30°	10122.2	10150.6	10618.4	11412.3	*12121.1*	12475.5	14049.2	16813.6	22456.0	23817.0	20428.7
32.5°	10788.5	10816.9	11355.6	12177.8	*12943.4*	13368.7	15084.1	18004.5	23561.8	25248.8	21194.3
35°	11710.0	11724.2	12333.8	13212.7	*14020.8*	14502.8	16289.1	19351.3	24710.1	26468.0	21761.3
37.5°	12801.6	12900.8	13524.6	14446.1	*15396.0*	15835.4	17706.8	20924.9	25730.8	27502.9	22087.4
40°	14304.3	14332.7	14942.3	15835.4	*16842.0*	17267.3	19124.4	22413.5	26850.8	28112.5	22385.1
42.5°	15849.6	16090.6	16601.0	17593.4	*18344.7*	18685.0	20740.6	23774.4	27743.9	28140.9	22257.5
45°	17919.4	18103.7	18614.1	19493.0	*20244.4*	20641.4	22484.3	25022.0	28197.6	27899.9	21974.0
47.5°	20286.9	20400.4	20811.5	21605.4	*22441.8*	22725.3	24299.0	25730.8	28367.7	27729.7	21846.4
50°	23079.8	23079.8	23377.5	24058.0	*24823.5*	25220.4	25971.8	26156.1	28863.9	27432.0	22172.4
52.5°	25433.1	25546.5	25943.5	26907.5	*27673.0*	28126.7	27276.1	26808.2	27857.3	25773.3	22271.7
55°	27687.2	27814.8	28707.9	29913.0	*31217.2*	31713.4	28906.4	26482.2	24469.1	23349.1	21591.2
57.5°	29842.1	30111.4	31231.4	33584.7	*35555.3*	35512.8	30976.2	23561.8	19975.0	20669.7	20102.6
60°	32847.5	33131.1	34917.4	37880.3	*40290.3*	39283.8	31004.6	19606.5	15566.1	16501.7	17309.8
62.5°	35356.8	35838.8	38461.5	43395.1	*45606.6*	44033.0	28438.6	15013.2	10334.9	11511.5	13382.9
65°	35130.0	35768.0	39836.7	47449.6	*50752.8*	49292.6	24681.7	9498.4	5330.5	7868.1	9370.8
67°	*32039.5*	*32734.1*	*38007.9*	*47591.4*	*52595.8*	*49476.9*	*20839.8*	*5741.6*	*3388.2*	*5458.1*	*6507.1*
67.5°	30267.4	31288.1	37100.6	47322.0	*52255.5*	48697.2	19110.3	4805.9	3189.8	5075.3	5925.9
70°	18614.1	20258.6	27843.1	41835.6	*46840.0*	40758.2	10618.4	2721.9	2594.3	3402.4	4097.1
72.5°	5599.8	6096.0	10746.0	26836.6	*34378.6*	30210.7	4777.6	2098.2	2325.0	2736.1	3161.4
75°	2721.9	2906.2	4437.3	10972.8	*16742.7*	16657.7	2665.2	1800.4	2154.9	2296.6	2495.1
77.5°	1743.7	1857.2	2764.5	6138.5	*7669.6*	6833.2	1928.0	1573.6	1913.9	1885.5	1857.2
80°	1091.6	1148.3	1772.1	3558.4	*5656.5*	4720.9	1417.7	1290.1	1644.5	1460.2	1318.4
82.5°	708.8	779.7	1134.1	2169.0	*4040.4*	3515.8	935.7	921.5	1361.0	1162.5	1020.7
85°	467.8	524.5	723.0	1275.9	*2395.9*	2509.3	609.6	638.0	1049.1	879.0	779.7
87.5°	170.1	212.7	368.6	567.1	*1120.0*	1389.3	255.2	241.0	510.4	411.1	326.1
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: P1457301
CATALOG NUMBER: GLAN-SB9C-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	14587.9	14587.9	14587.9	14587.9	14587.9	14587.9	14587.9	14587.9	14587.9	14587.9	14587.9
2.5°	14630.4	14587.9	14389.4	14219.3	14091.7	13921.6	13737.3	13524.6	13382.9	13411.2	13368.7
5°	14701.3	14587.9	14205.1	13623.9	13056.8	12348.0	11440.6	10901.9	10490.8	10278.1	10334.9
7.5°	14857.2	14658.8	13850.7	12674.0	11199.6	9753.6	8860.5	8350.1	8109.1	8009.9	7995.7
10°	15126.6	14786.4	13397.0	11199.6	9271.6	8293.4	7967.3	7825.6	7797.2	7797.2	7783.0
12.5°	15452.7	14913.9	12631.5	9767.8	8350.1	7995.7	7939.0	7953.2	7995.7	8038.2	7967.3
15°	15849.6	14970.7	11681.6	8903.0	8165.8	8080.8	8165.8	8265.0	8335.9	8392.6	8321.8
17.5°	16246.6	14913.9	10788.5	8491.9	8194.2	8307.6	8477.7	8633.6	8676.2	8761.2	8704.5
20°	16530.1	14715.5	10023.0	8335.9	8265.0	8520.2	8732.9	8903.0	8988.1	9044.8	8988.1
22.5°	16742.7	14460.3	9470.1	8180.0	8265.0	8576.9	8832.1	9030.6	9129.8	9186.5	9115.7
25°	16927.0	14105.9	9044.8	7953.2	8094.9	8392.6	8676.2	8874.6	9016.4	9101.5	9058.9
27.5°	17153.9	13822.3	8647.8	7612.9	7740.5	8024.0	8321.8	8562.8	8832.1	8973.9	8945.5
30°	17409.1	13680.6	8265.0	7244.3	7329.4	7612.9	7967.3	8293.4	8662.0	8846.3	8846.3
32.5°	17706.8	13581.3	7910.6	6889.9	6960.8	7272.7	7612.9	7910.6	8307.6	8605.3	8591.1
35°	17834.4	13467.9	7627.1	6563.8	6705.6	6960.8	7230.1	7428.6	7839.7	8194.2	8222.5
37.5°	17962.0	13425.4	7485.3	6308.7	6422.1	6620.5	6762.3	6861.5	7244.3	7612.9	7627.1
40°	18117.9	13623.9	7584.6	6138.5	6039.3	6237.8	6308.7	6365.4	6563.8	6804.8	6804.8
42.5°	18018.7	13765.6	7811.4	5982.6	5571.5	5798.3	5826.6	5812.5	5826.6	5840.8	5826.6
45°	17763.5	13623.9	7811.4	5741.6	5075.3	5316.3	5302.1	5231.2	5117.8	4820.1	4777.6
47.5°	17706.8	13538.8	7513.7	5344.6	4579.1	4777.6	4805.9	4664.2	4338.1	4026.2	3927.0
50°	17947.8	13694.7	7045.8	4862.6	4153.8	4323.9	4394.8	4153.8	3785.2	3459.1	3402.4
52.5°	18302.2	13893.2	6365.4	4338.1	3799.4	3969.5	4054.6	3785.2	3402.4	3147.2	3118.9
55°	18259.7	13893.2	5599.8	3856.1	3530.0	3657.6	3799.4	3515.8	3218.1	3076.4	3062.2
57.5°	17338.2	13368.7	5032.7	3515.8	3274.8	3388.2	3572.5	3303.2	3019.6	3048.0	3090.5
60°	15537.7	12007.7	4607.4	3289.0	3048.0	3161.4	3359.9	3048.0	2679.4	2580.2	2580.2
62.5°	12801.6	9895.4	4267.2	3062.2	2835.4	2977.1	3076.4	2665.2	2424.2	2310.8	2310.8
65°	9597.7	7655.4	3912.8	2877.9	2651.1	2807.0	2693.6	2495.1	2254.1	2169.0	2183.2
67°	*7116.7*	*5940.1*	*3615.1*	*2721.9*	*2537.6*	*2608.5*	*2523.5*	*2381.7*	*2140.7*	*2069.8*	*2140.7*
67.5°	6393.7	5642.3	3544.2	2679.4	2509.3	2566.0	2480.9	2367.5	2112.3	2041.5	2112.3
70°	4394.8	4338.1	3161.4	2480.9	2353.3	2296.6	2339.2	2197.4	1984.7	1956.4	2027.3
72.5°	3345.7	3459.1	2835.4	2310.8	2183.2	2112.3	2211.6	2069.8	1857.2	1899.7	1970.6
75°	2622.7	2792.8	2537.6	2069.8	1984.7	1998.9	2197.4	2140.7	1970.6	2013.1	2027.3
77.5°	1942.2	2254.1	2169.0	1800.4	1729.6	1928.0	2480.9	2651.1	2353.3	2282.5	2183.2
80°	1417.7	1616.2	1828.8	1488.6	1446.0	1857.2	3062.2	3388.2	2906.2	2622.7	2551.8
82.5°	1049.1	1134.1	1502.7	1190.8	1049.1	1658.7	3402.4	3983.7	3459.1	2920.4	2835.4
85°	751.4	879.0	1190.8	879.0	694.7	1361.0	3331.5	3898.6	3430.8	2764.5	2693.6
87.5°	269.4	382.8	510.4	396.9	354.4	935.7	2750.3	2807.0	2140.7	978.2	992.4
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

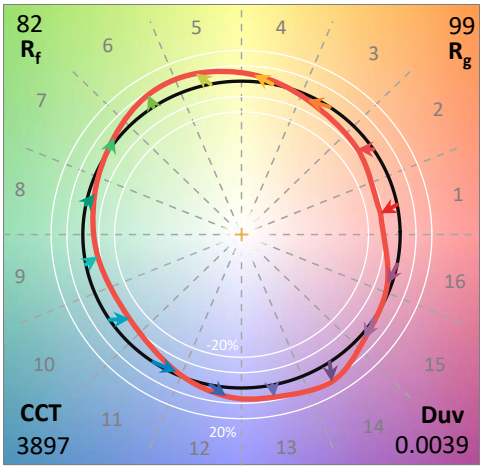
Test Information

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

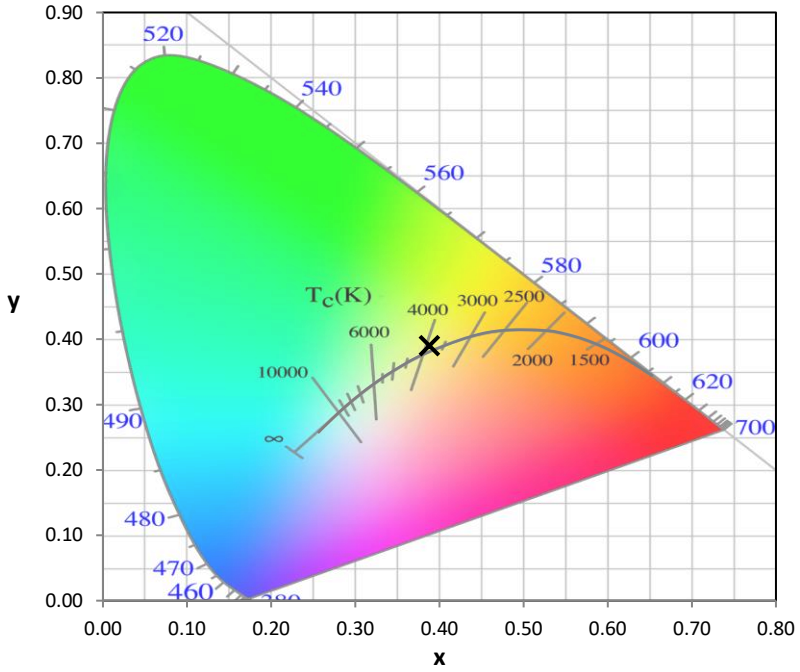
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

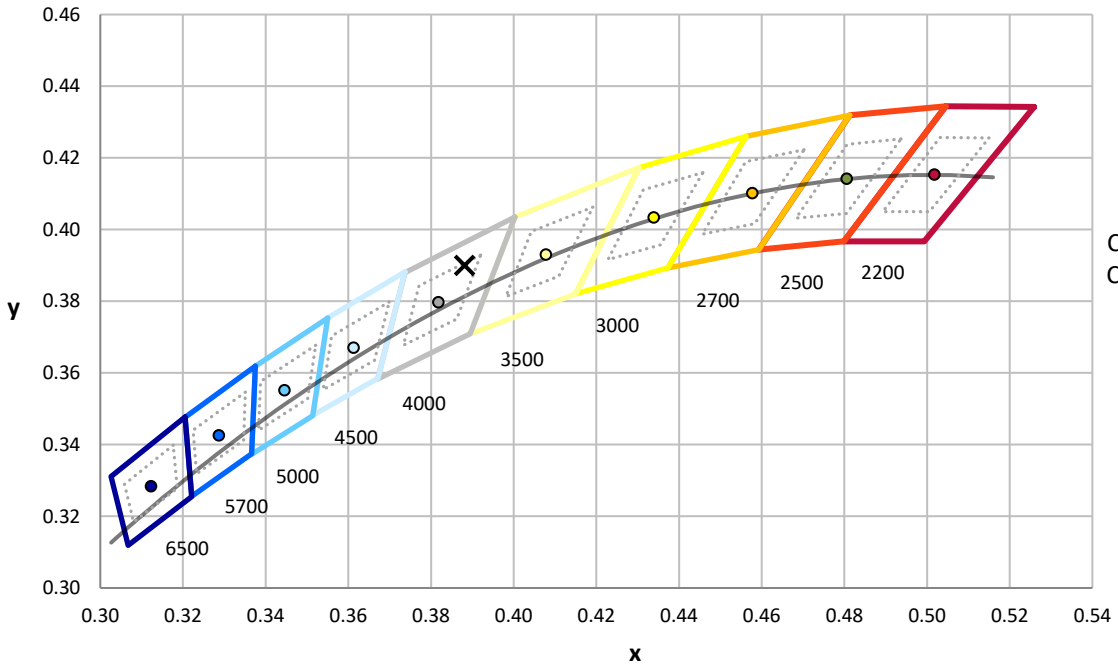
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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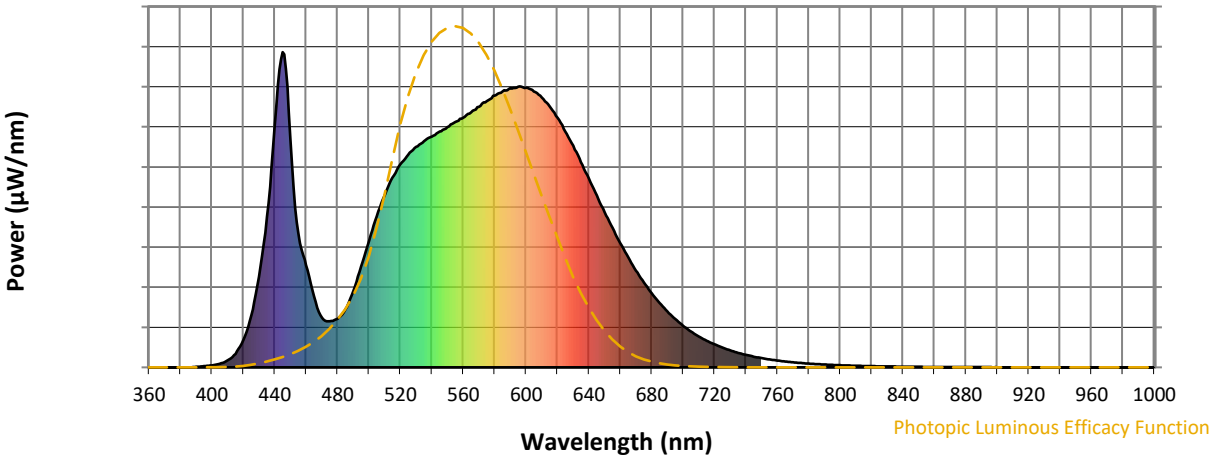
Photopic Flux vs. Wavelength



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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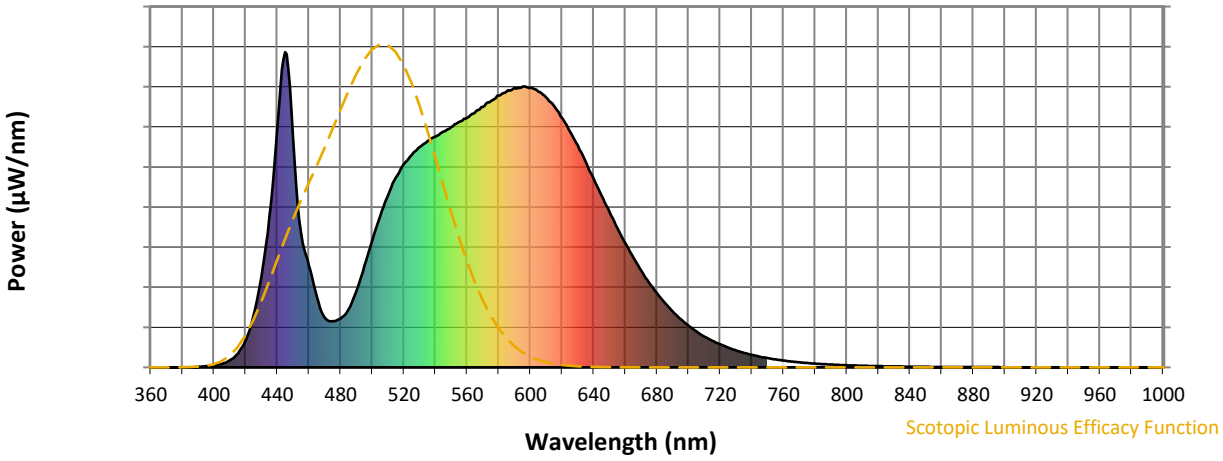
Scotopic Flux vs. Wavelength



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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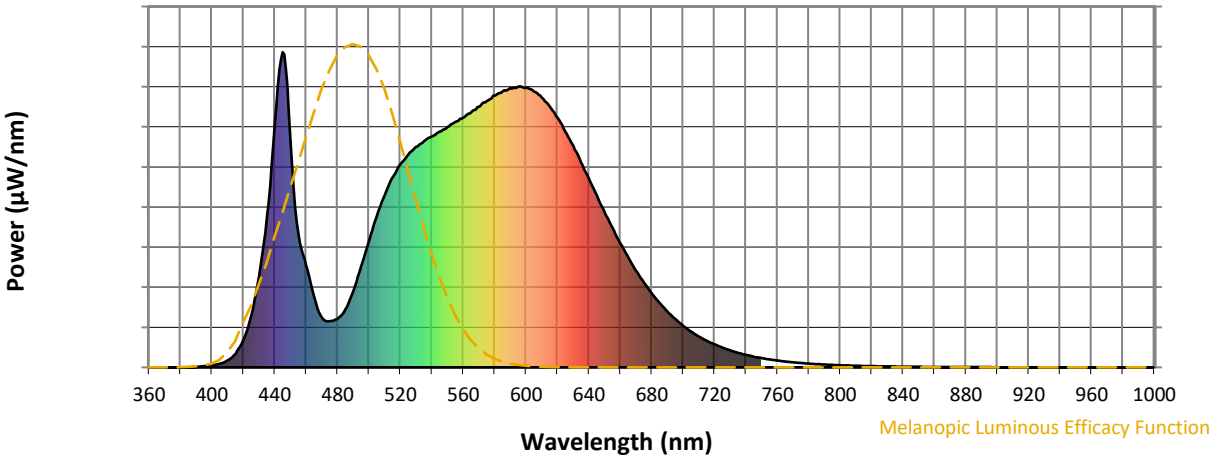
Melanopic Flux vs. Wavelength



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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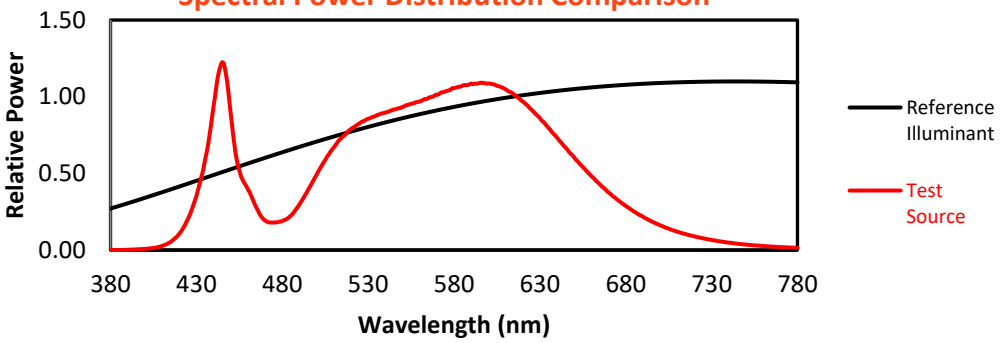
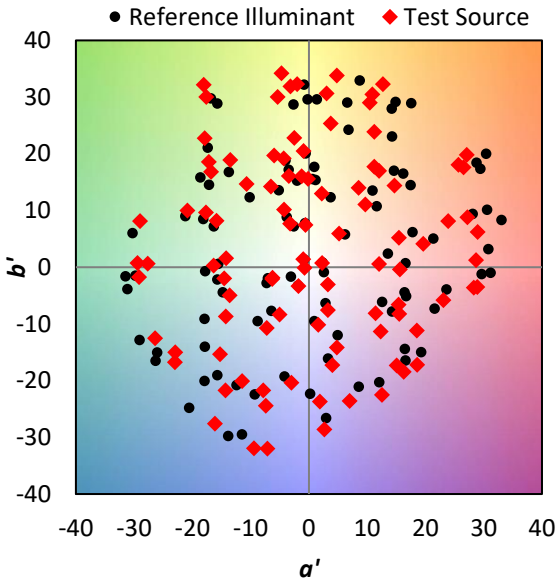
Summary

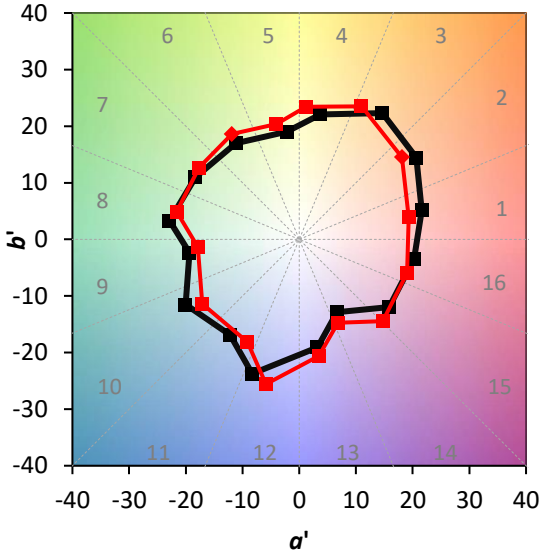
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

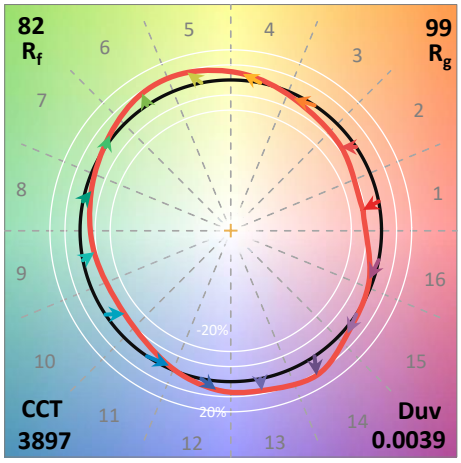
Spectral Power Distribution Comparison

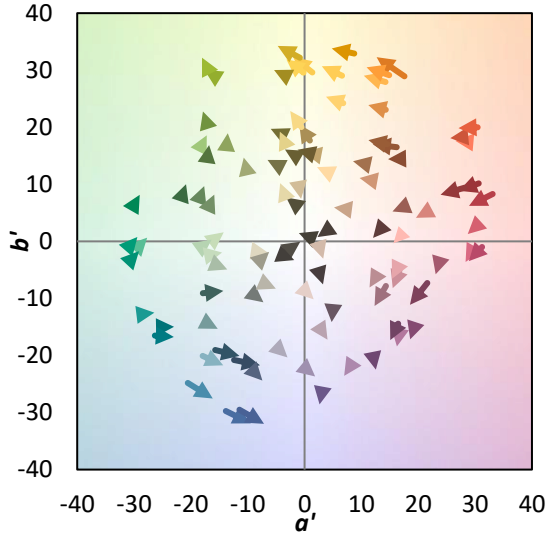


Color Vector Graphics









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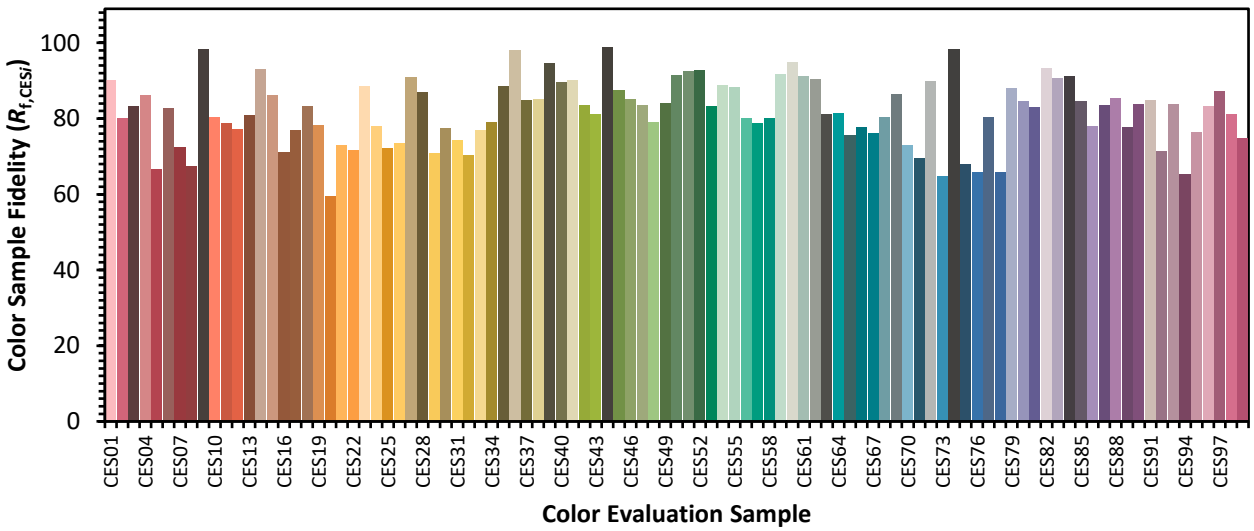
Individual Sample Fidelity Index ($R_{f,i}$)

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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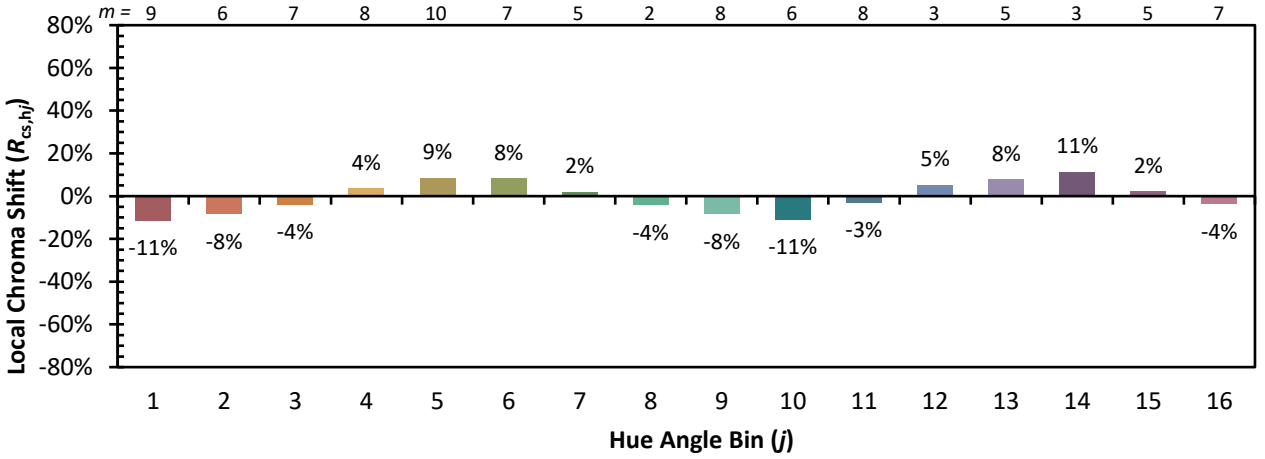
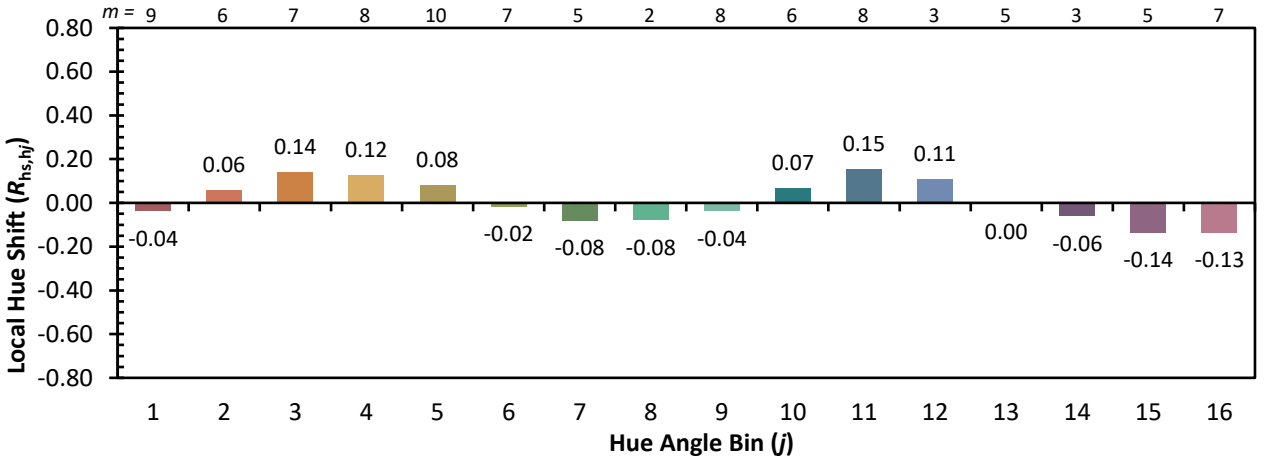
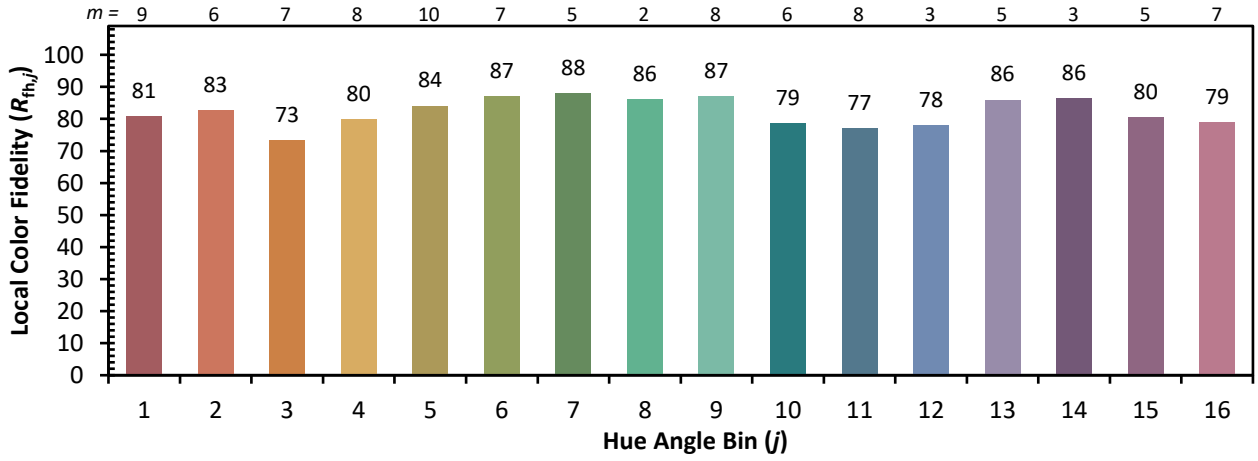
Color Rendition by Hue-Angle Bin







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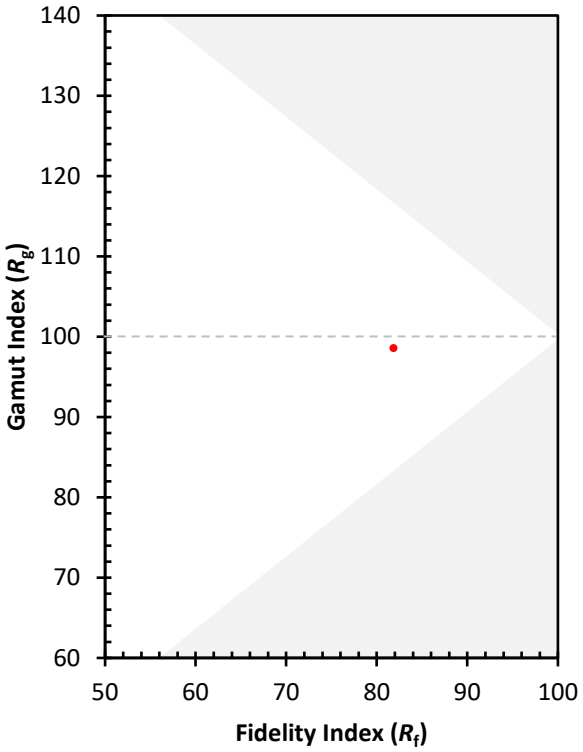
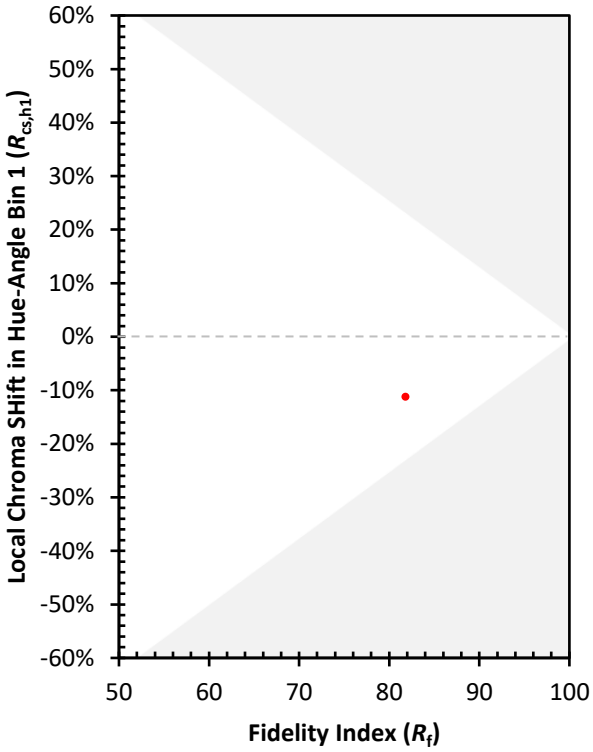
Measure Comparisons





(END OF REPORT)