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: P1457282

Luminaire Tested: GLAN-SB4D-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:	P1457282
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	38173.1 lumens
Efficiency:	N/A
Efficacy:	130.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	293.6
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: P1457282
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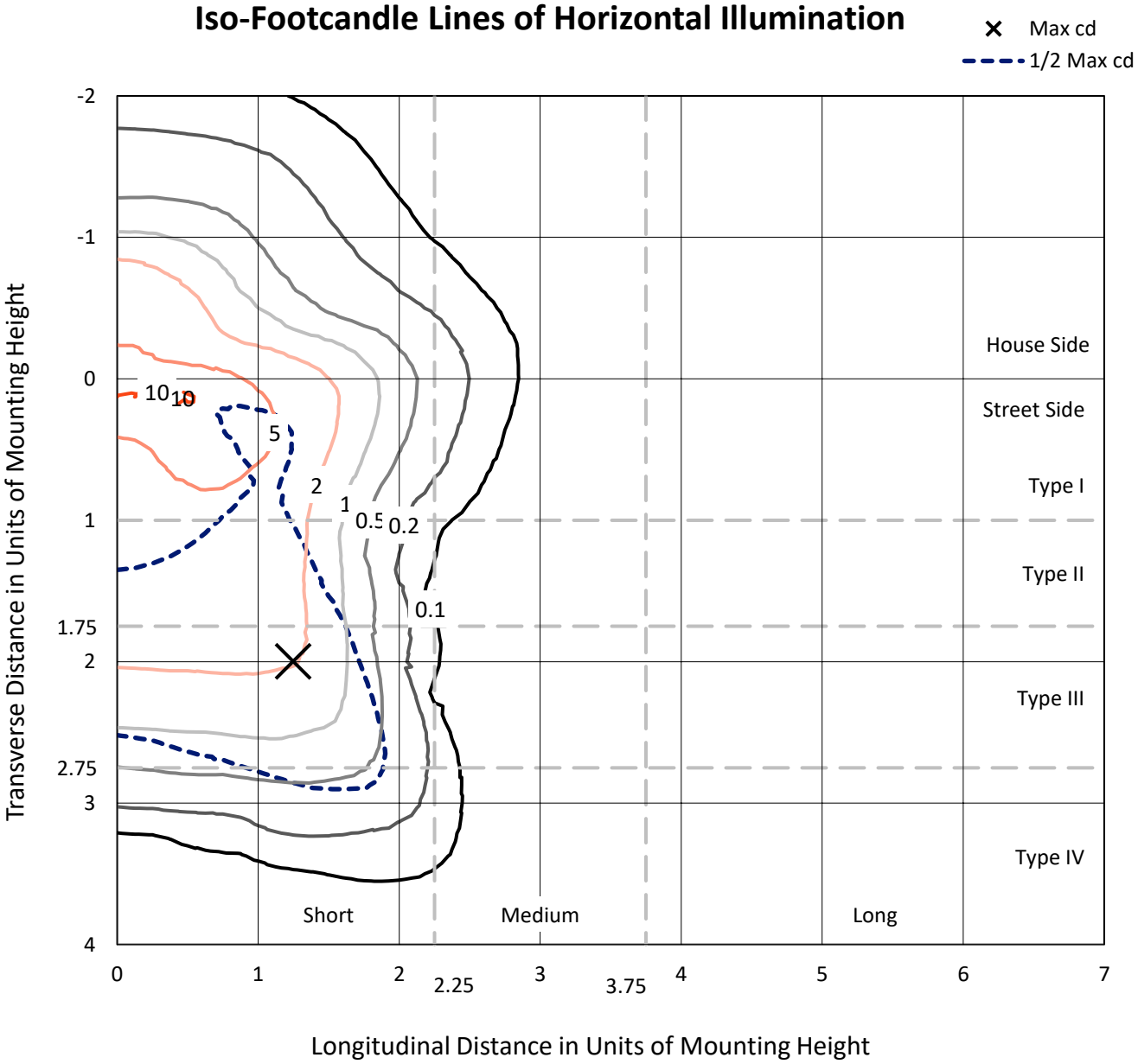
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 10.5 fc
Type IV - Short - N/A

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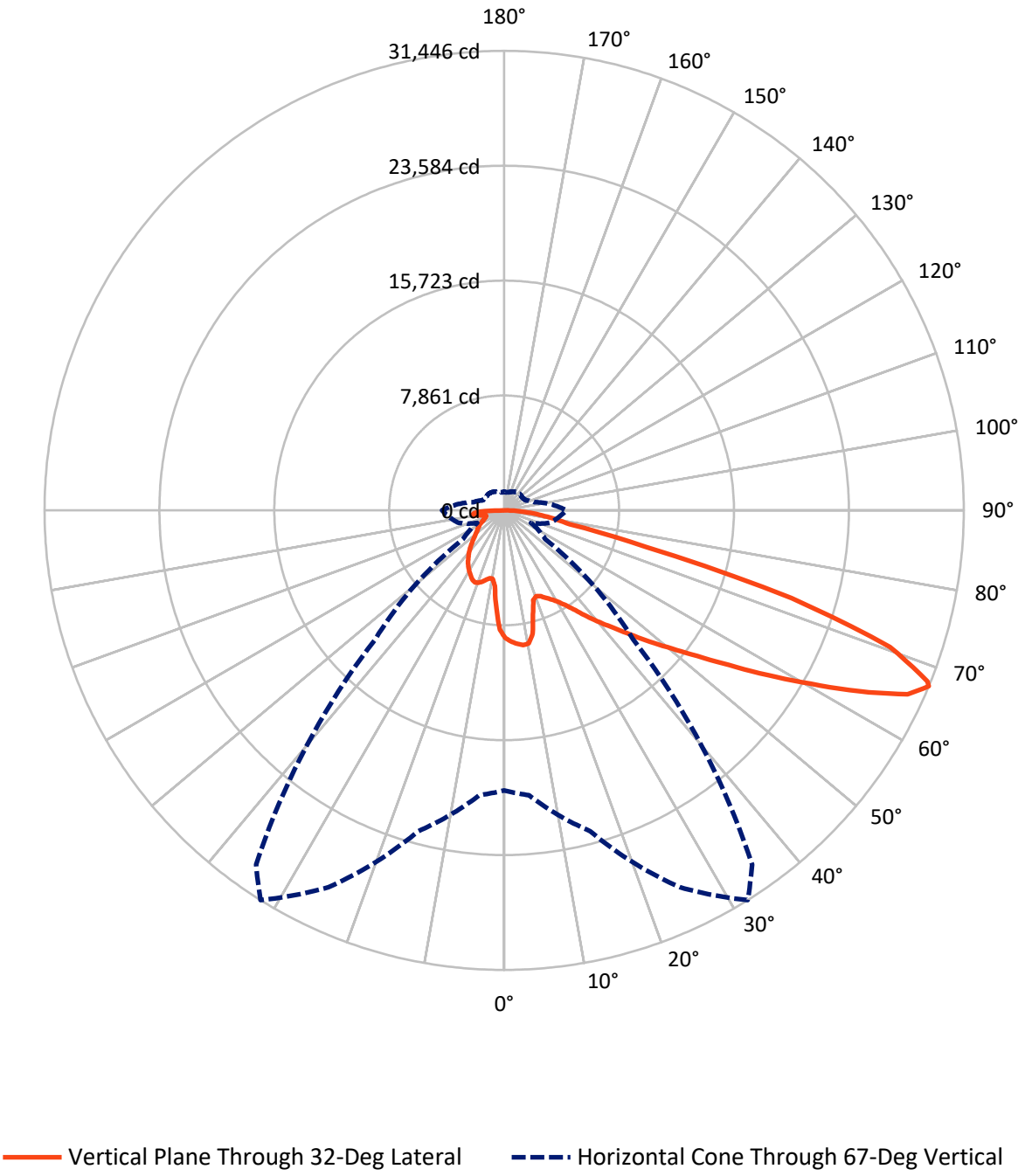
Luminous Intensity Polar Plot



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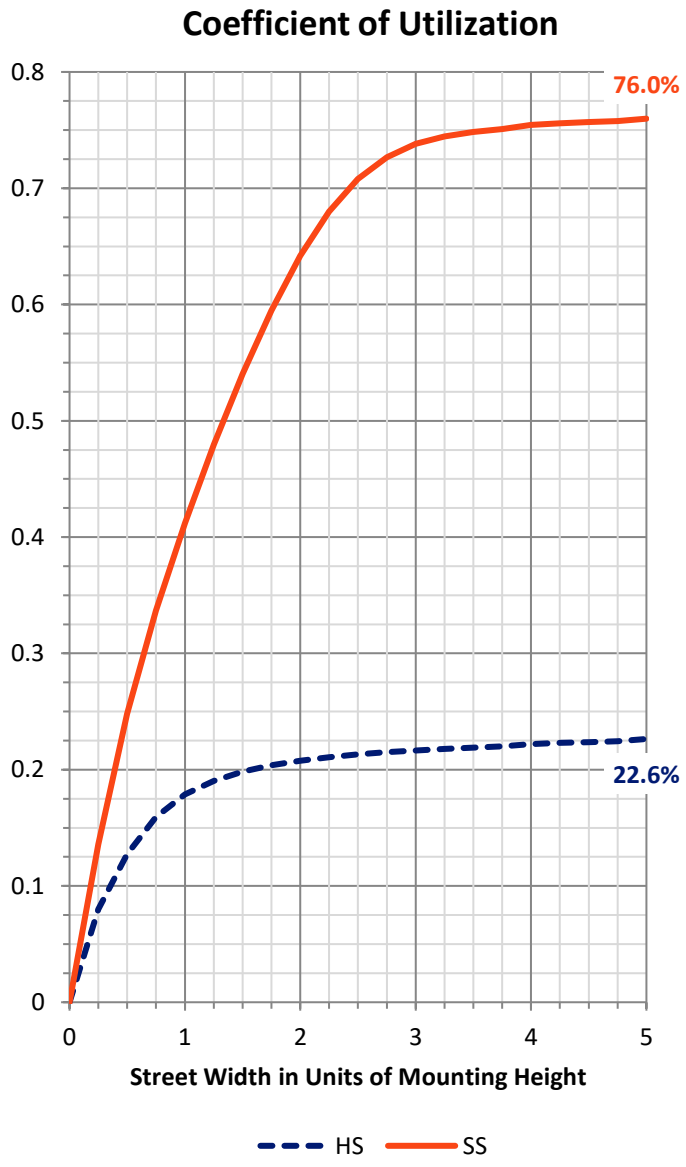
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9037.3	0.0	9037.3
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	29135.8	0.0	29135.8
	% Fixture	76.3	0.0	76.3
Total	Lumens	38173.1	0.0	38173.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	762.1	2.0
10°-20°	2023.4	5.3
20°-30°	3304.3	8.7
30°-40°	4870.1	12.8
40°-50°	6716.2	17.6
50°-60°	8484.6	22.2
60°-70°	8211.6	21.5
70°-80°	2930.7	7.7
80°-90°	870.3	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°	38173.1	100.0
0°-180°	38173.1	100.0



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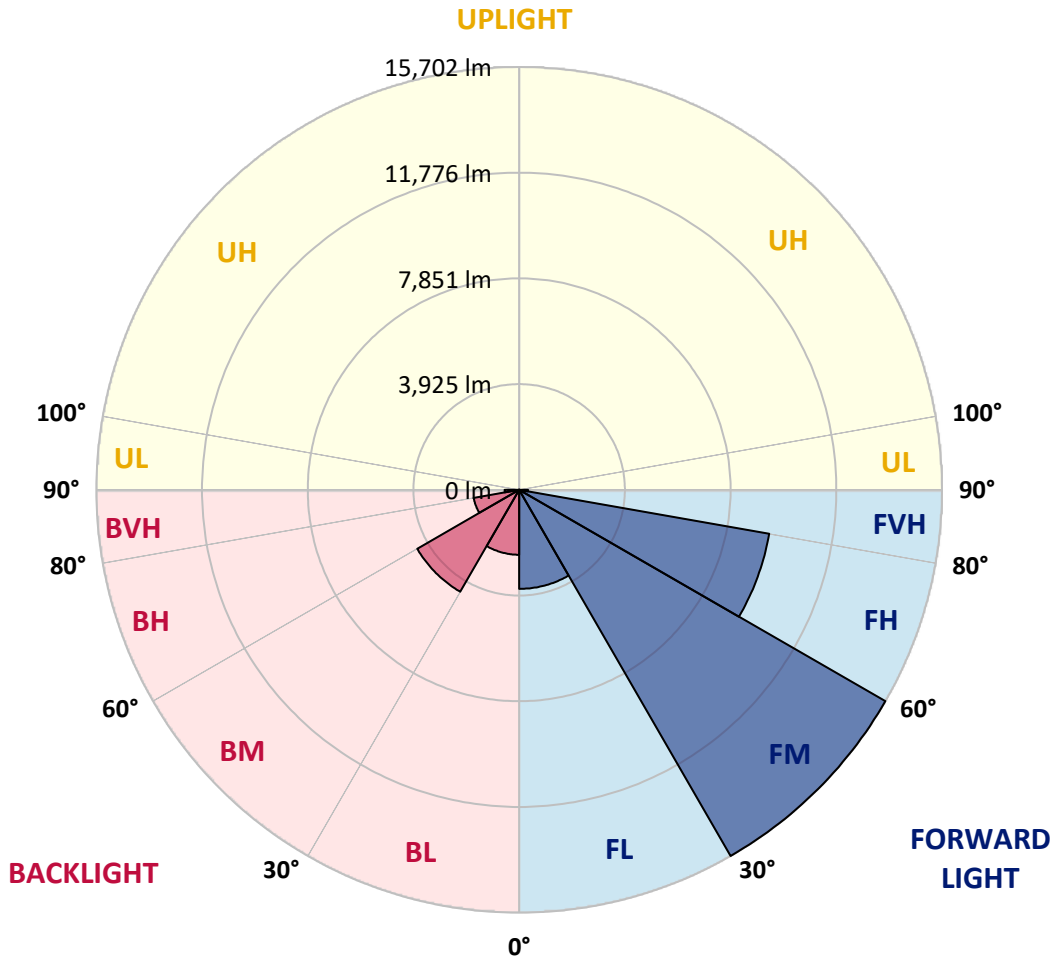
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3678.1	9.6			
FM	(30°-60°)	15701.8	41.1			
FH	(60°-80°)	9428.0	24.7			G4/12000
FVH	(80°-90°)	327.9	0.9			G3/500
BL	(0°-30°)	2411.6	6.3	B3/2500		
BM	(30°-60°)	4369.1	11.4	B3/5000		
BH	(60°-80°)	1714.2	4.5	B3/2500		G3/2500
BVH	(80°-90°)	542.3	1.4			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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REPORT NUMBER: P1457282
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8
2.5°	9052.4	9026.9	9001.5	9018.5	8984.5	8976.1	8933.7	8916.7	8865.9	8857.4	8764.2
5°	9238.8	9188.0	9179.5	9196.4	9162.5	9162.5	9128.6	9103.2	9026.9	8984.5	8848.9
7.5°	9238.8	9230.4	9247.3	9306.6	9315.1	9315.1	9315.1	9323.6	9247.3	9188.0	8976.1
10°	8713.3	8628.6	8815.0	9111.7	9255.8	9340.5	9493.1	9586.3	9527.0	9484.6	9196.4
12.5°	7145.3	7153.7	7450.4	8086.1	8662.5	8908.3	9544.0	9883.0	9908.4	9840.6	9476.2
15°	6060.3	6102.7	6255.3	6713.0	7374.1	7738.6	9247.3	10145.8	10349.2	10281.4	9815.2
17.5°	5729.8	5755.2	5823.0	6085.8	6458.7	6755.4	8442.1	10315.3	10883.2	10798.4	10196.6
20°	5678.9	5695.9	5780.6	6001.0	6255.3	6424.8	7619.9	10179.7	11383.3	11349.4	10544.1
22.5°	5687.4	5704.3	5814.5	6119.7	6382.4	6526.5	7357.2	9866.1	11908.8	11942.7	10900.1
25°	5704.3	5712.8	5882.3	6289.2	6619.7	6797.7	7526.7	9586.3	12349.5	12637.7	11290.0
27.5°	5797.6	5823.0	6051.9	6509.6	6899.5	7102.9	7925.1	9679.6	12832.6	13426.0	11756.2
30°	6051.9	6068.8	6348.5	6823.2	7247.0	7458.9	8399.7	10052.5	13426.0	14239.7	12213.9
32.5°	6450.2	6467.2	6789.3	7280.9	7738.6	7992.9	9018.5	10764.5	14087.1	15095.7	12671.6
35°	7001.2	7009.6	7374.1	7899.6	8382.8	8670.9	9738.9	11569.7	14773.7	15824.7	13010.6
37.5°	7653.8	7713.2	8086.1	8637.0	9204.9	9467.7	10586.5	12510.6	15383.9	16443.4	13205.6
40°	8552.3	8569.2	8933.7	9467.7	10069.5	10323.8	11434.1	13400.5	16053.5	16807.9	13383.6
42.5°	9476.2	9620.2	9925.4	10518.7	10967.9	11171.4	12400.4	14214.2	16587.5	16824.8	13307.3
45°	10713.7	10823.8	11129.0	11654.5	12103.7	12341.0	13442.9	14960.1	16858.7	16680.7	13137.8
47.5°	12129.1	12197.0	12442.8	12917.4	13417.5	13587.0	14527.8	15383.9	16960.5	16579.0	13061.5
50°	13798.9	13798.9	13976.9	14383.8	14841.5	15078.8	15528.0	15638.2	17257.1	16401.0	13256.4
52.5°	15205.9	15273.7	15511.1	16087.4	16545.1	16816.4	16307.8	16028.1	16655.3	15409.4	13315.8
55°	16553.6	16629.9	17163.9	17884.3	18664.1	18960.8	17282.5	15833.2	14629.6	13960.0	12908.9
57.5°	17842.0	18003.0	18672.6	20079.6	21257.8	21232.4	18520.0	14087.1	11942.7	12358.0	12019.0
60°	19638.9	19808.4	20876.4	22647.8	24088.8	23487.0	18537.0	11722.3	9306.6	9866.1	10349.2
62.5°	21139.1	21427.3	22995.4	25945.0	27267.3	26326.4	17002.8	8976.1	6179.0	6882.5	8001.3
65°	21003.5	21384.9	23817.5	28369.1	30344.0	29471.0	14756.7	5678.9	3187.0	4704.2	5602.6
67°	19155.7	19571.1	22724.1	28453.9	31445.9	29581.2	12459.7	3432.8	2025.8	3263.3	3890.5
67.5°	18096.2	18706.5	22181.7	28292.9	31242.5	29115.0	11425.6	2873.4	1907.1	3034.4	3543.0
70°	11129.0	12112.2	16646.8	25012.6	28004.7	24368.5	6348.5	1627.4	1551.1	2034.2	2449.6
72.5°	3348.0	3644.7	6424.8	16045.0	20554.3	18062.3	2856.4	1254.4	1390.1	1635.9	1890.1
75°	1627.4	1737.6	2653.0	6560.4	10010.1	9959.3	1593.5	1076.5	1288.4	1373.1	1491.8
77.5°	1042.5	1110.4	1652.8	3670.1	4585.5	4085.4	1152.7	940.8	1144.3	1127.3	1110.4
80°	652.7	686.6	1059.5	2127.5	3381.9	2822.5	847.6	771.3	983.2	873.0	788.3
82.5°	423.8	466.2	678.1	1296.8	2415.7	2102.0	559.4	550.9	813.7	695.0	610.3
85°	279.7	313.6	432.3	762.8	1432.4	1500.3	364.5	381.4	627.2	525.5	466.2
87.5°	101.7	127.1	220.4	339.0	669.6	830.6	152.6	144.1	305.1	245.8	194.9
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: P1457282
CATALOG NUMBER: GLAN-SB4D-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8	8721.8
2.5°	8747.2	8721.8	8603.1	8501.4	8425.1	8323.4	8213.2	8086.1	8001.3	8018.3	7992.9
5°	8789.6	8721.8	8492.9	8145.4	7806.4	7382.6	6840.1	6518.0	6272.2	6145.1	6179.0
7.5°	8882.8	8764.2	8281.0	7577.5	6696.0	5831.5	5297.5	4992.4	4848.3	4788.9	4780.5
10°	9043.9	8840.5	8009.8	6696.0	5543.3	4958.5	4763.5	4678.7	4661.8	4661.8	4653.3
12.5°	9238.8	8916.7	7552.1	5840.0	4992.4	4780.5	4746.6	4755.0	4780.5	4805.9	4763.5
15°	9476.2	8950.6	6984.2	5322.9	4882.2	4831.3	4882.2	4941.5	4983.9	5017.8	4975.4
17.5°	9713.5	8916.7	6450.2	5077.1	4899.1	4966.9	5068.6	5161.9	5187.3	5238.2	5204.3
20°	9883.0	8798.1	5992.5	4983.9	4941.5	5094.1	5221.2	5322.9	5373.8	5407.7	5373.8
22.5°	10010.1	8645.5	5662.0	4890.6	4941.5	5128.0	5280.5	5399.2	5458.5	5492.4	5450.1
25°	10120.3	8433.6	5407.7	4755.0	4839.8	5017.8	5187.3	5306.0	5390.7	5441.6	5416.2
27.5°	10255.9	8264.1	5170.4	4551.6	4627.9	4797.4	4975.4	5119.5	5280.5	5365.3	5348.3
30°	10408.5	8179.3	4941.5	4331.2	4382.1	4551.6	4763.5	4958.5	5178.8	5289.0	5289.0
32.5°	10586.5	8120.0	4729.6	4119.3	4161.7	4348.2	4551.6	4729.6	4966.9	5144.9	5136.5
35°	10662.8	8052.2	4560.1	3924.4	4009.1	4161.7	4322.8	4441.4	4687.2	4899.1	4916.1
37.5°	10739.1	8026.8	4475.3	3771.8	3839.6	3958.3	4043.0	4102.4	4331.2	4551.6	4560.1
40°	10832.3	8145.4	4534.7	3670.1	3610.8	3729.4	3771.8	3805.7	3924.4	4068.5	4068.5
42.5°	10773.0	8230.2	4670.3	3576.9	3331.1	3466.7	3483.6	3475.2	3483.6	3492.1	3483.6
45°	10620.4	8145.4	4670.3	3432.8	3034.4	3178.5	3170.0	3127.6	3059.8	2881.8	2856.4
47.5°	10586.5	8094.6	4492.3	3195.4	2737.7	2856.4	2873.4	2788.6	2593.7	2407.2	2347.8
50°	10730.6	8187.8	4212.6	2907.3	2483.5	2585.2	2627.6	2483.5	2263.1	2068.1	2034.2
52.5°	10942.5	8306.5	3805.7	2593.7	2271.6	2373.3	2424.1	2263.1	2034.2	1881.7	1864.7
55°	10917.1	8306.5	3348.0	2305.5	2110.5	2186.8	2271.6	2102.0	1924.0	1839.3	1830.8
57.5°	10366.1	7992.9	3009.0	2102.0	1958.0	2025.8	2135.9	1974.9	1805.4	1822.3	1847.8
60°	9289.7	7179.2	2754.7	1966.4	1822.3	1890.1	2008.8	1822.3	1602.0	1542.6	1542.6
62.5°	7653.8	5916.2	2551.3	1830.8	1695.2	1780.0	1839.3	1593.5	1449.4	1381.6	1381.6
65°	5738.2	4577.0	2339.4	1720.6	1585.0	1678.2	1610.4	1491.8	1347.7	1296.8	1305.3
67°	*4254.9*	*3551.4*	*2161.4*	*1627.4*	*1517.2*	*1559.6*	*1508.7*	*1424.0*	*1279.9*	*1237.5*	*1279.9*
67.5°	3822.7	3373.4	2119.0	1602.0	1500.3	1534.2	1483.3	1415.5	1262.9	1220.5	1262.9
70°	2627.6	2593.7	1890.1	1483.3	1407.0	1373.1	1398.5	1313.8	1186.6	1169.7	1212.1
72.5°	2000.3	2068.1	1695.2	1381.6	1305.3	1262.9	1322.3	1237.5	1110.4	1135.8	1178.2
75°	1568.1	1669.8	1517.2	1237.5	1186.6	1195.1	1313.8	1279.9	1178.2	1203.6	1212.1
77.5°	1161.2	1347.7	1296.8	1076.5	1034.1	1152.7	1483.3	1585.0	1407.0	1364.6	1305.3
80°	847.6	966.3	1093.4	890.0	864.6	1110.4	1830.8	2025.8	1737.6	1568.1	1525.7
82.5°	627.2	678.1	898.5	712.0	627.2	991.7	2034.2	2381.8	2068.1	1746.1	1695.2
85°	449.2	525.5	712.0	525.5	415.3	813.7	1991.9	2330.9	2051.2	1652.8	1610.4
87.5°	161.0	228.9	305.1	237.3	211.9	559.4	1644.3	1678.2	1279.9	584.8	593.3
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

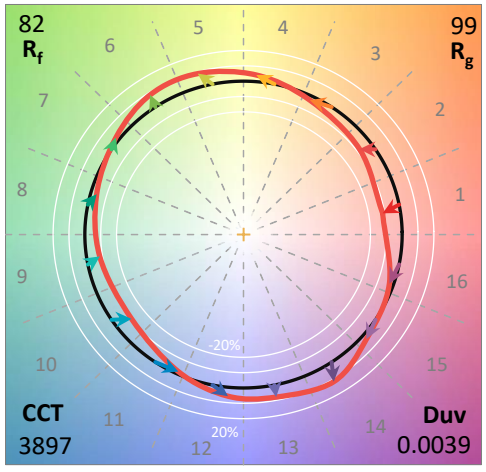
Test Information

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

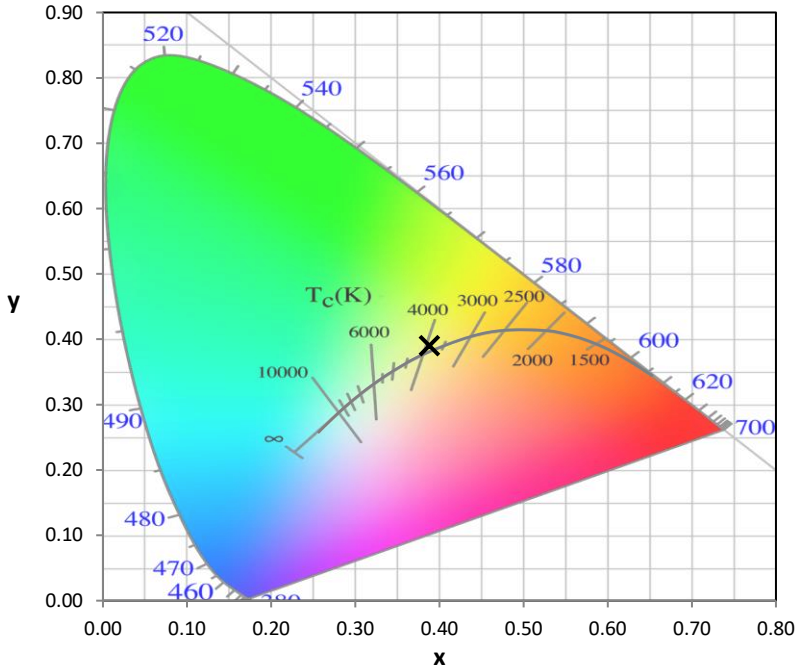
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

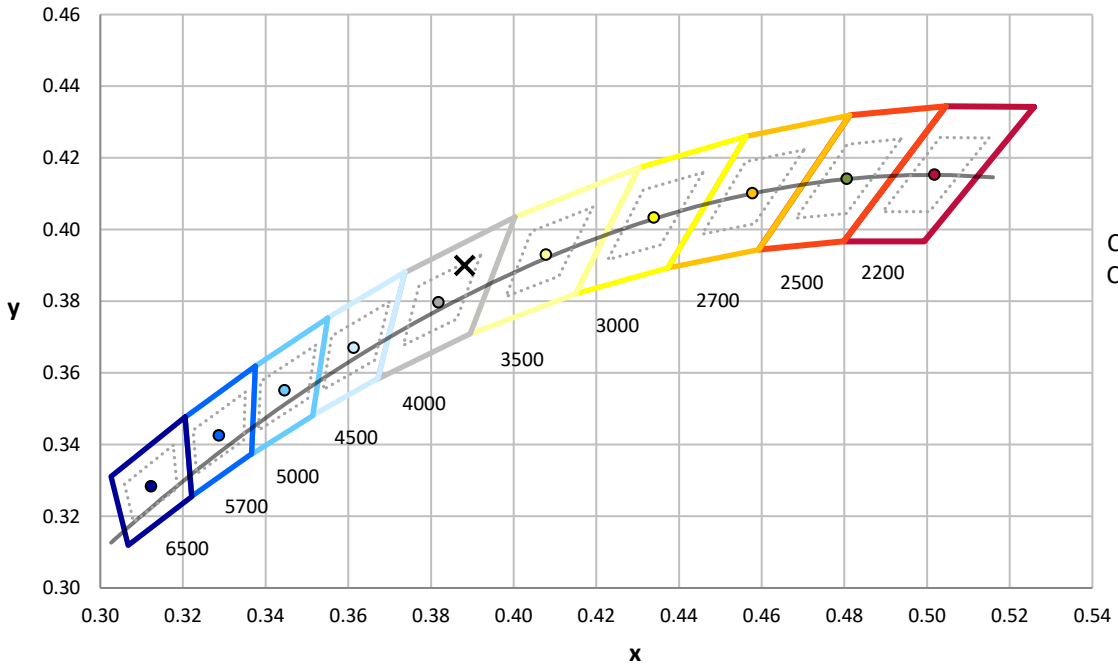
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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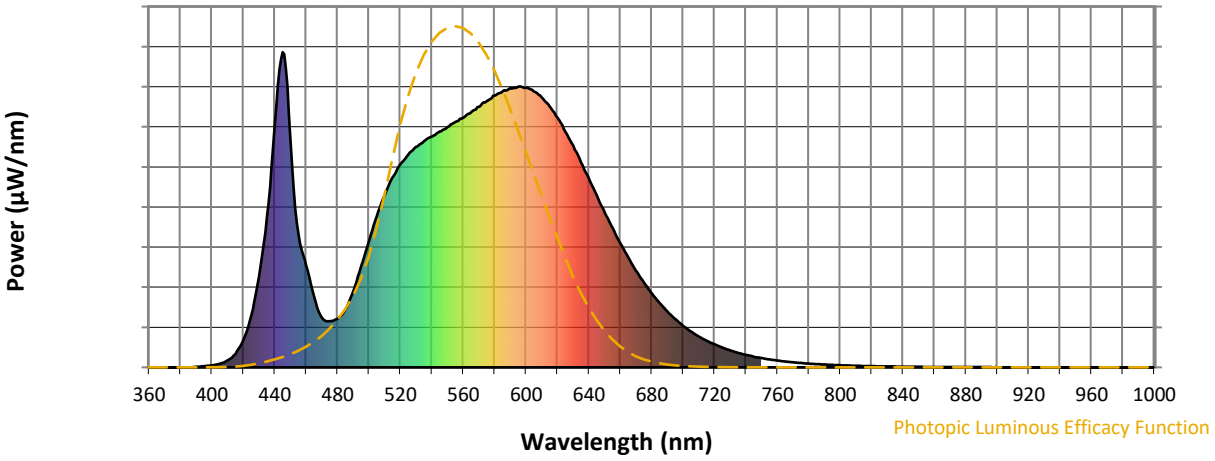
Photopic Flux vs. Wavelength



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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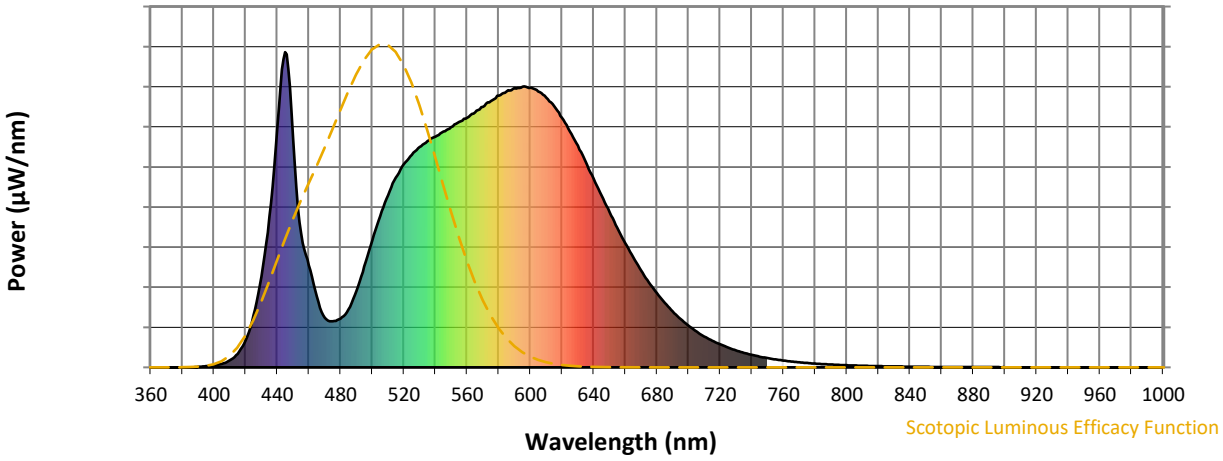
Scotopic Flux vs. Wavelength



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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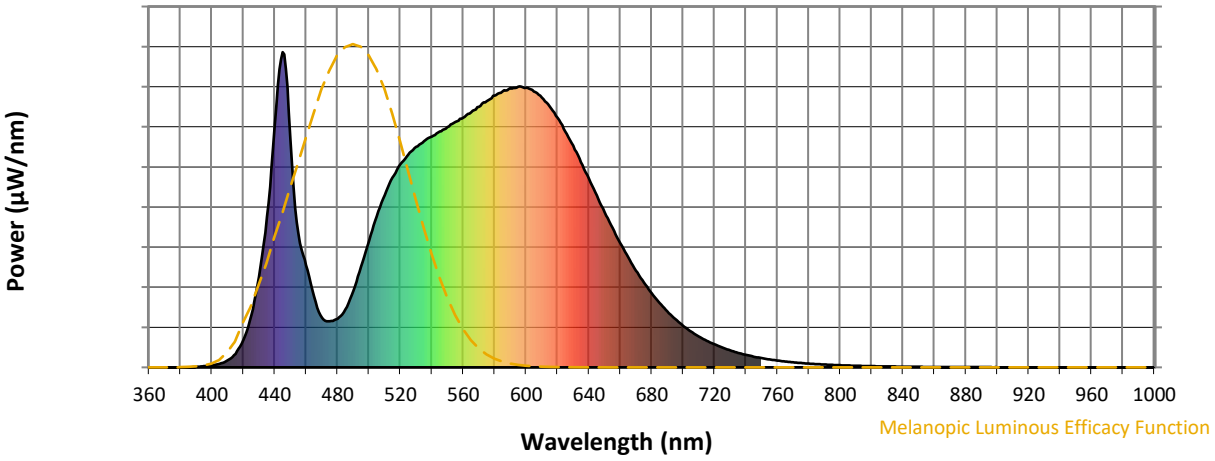
Melanopic Flux vs. Wavelength



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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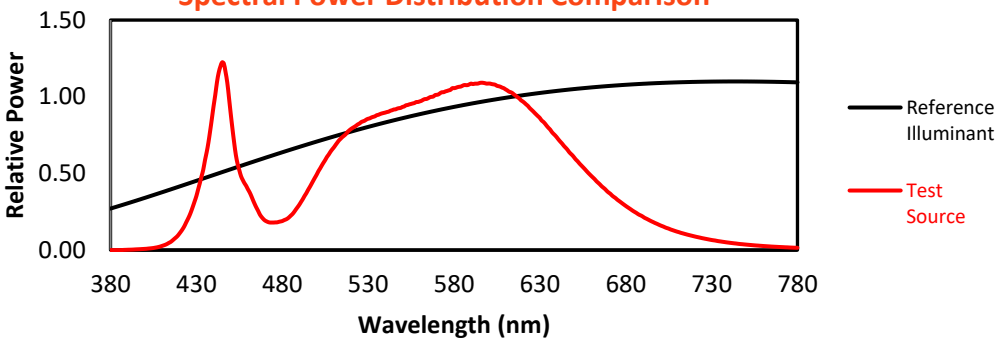
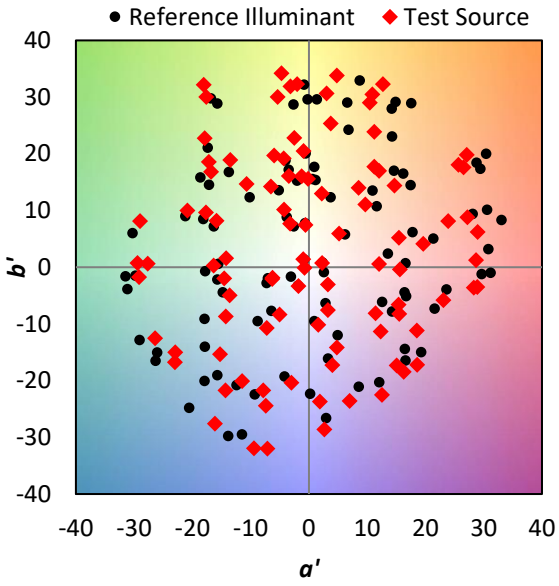
Summary

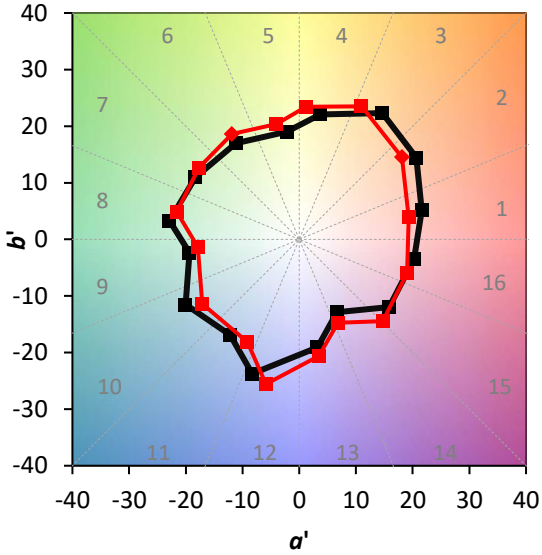
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

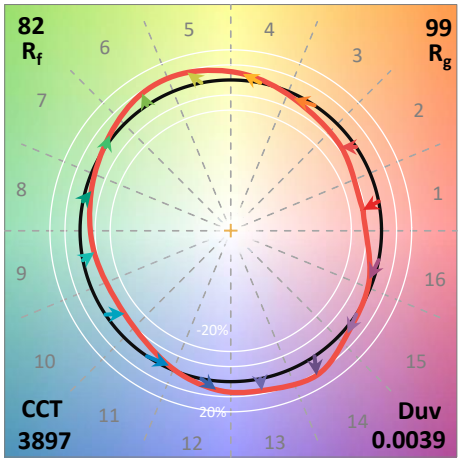
Spectral Power Distribution Comparison

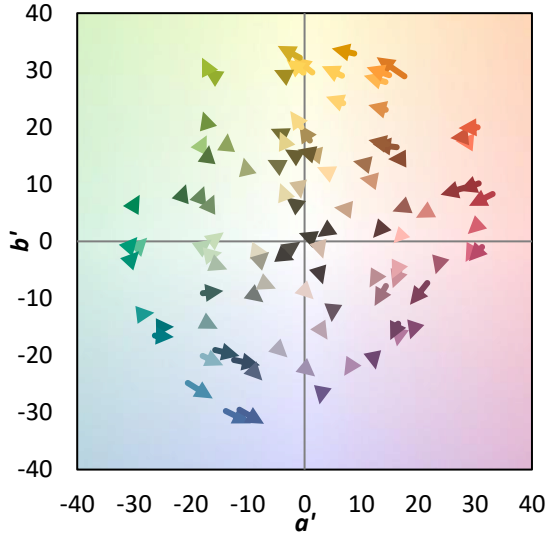


Color Vector Graphics









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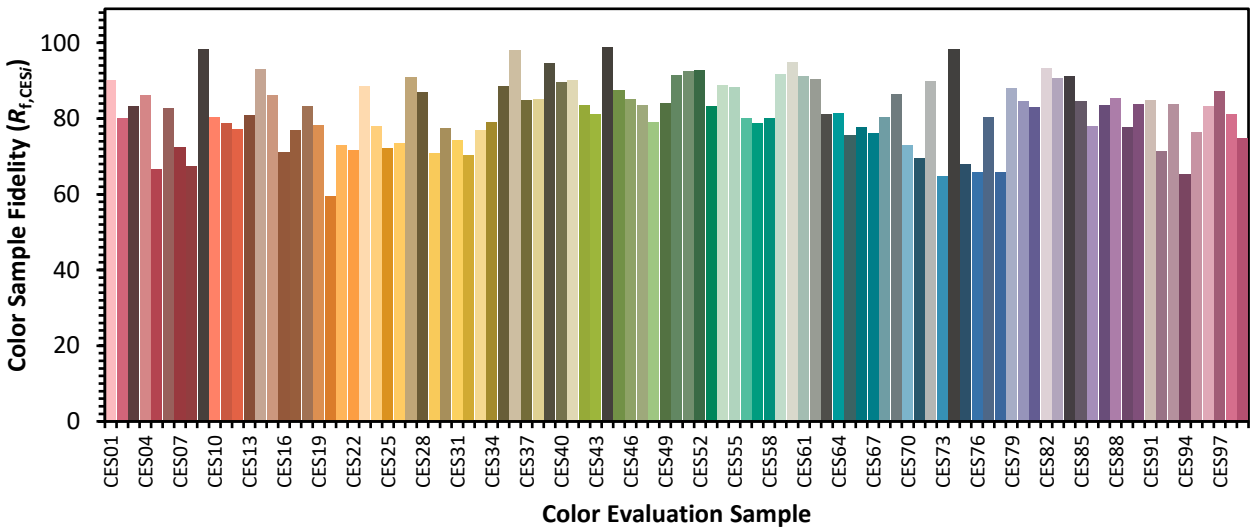
Individual Sample Fidelity Index ($R_{f,i}$)

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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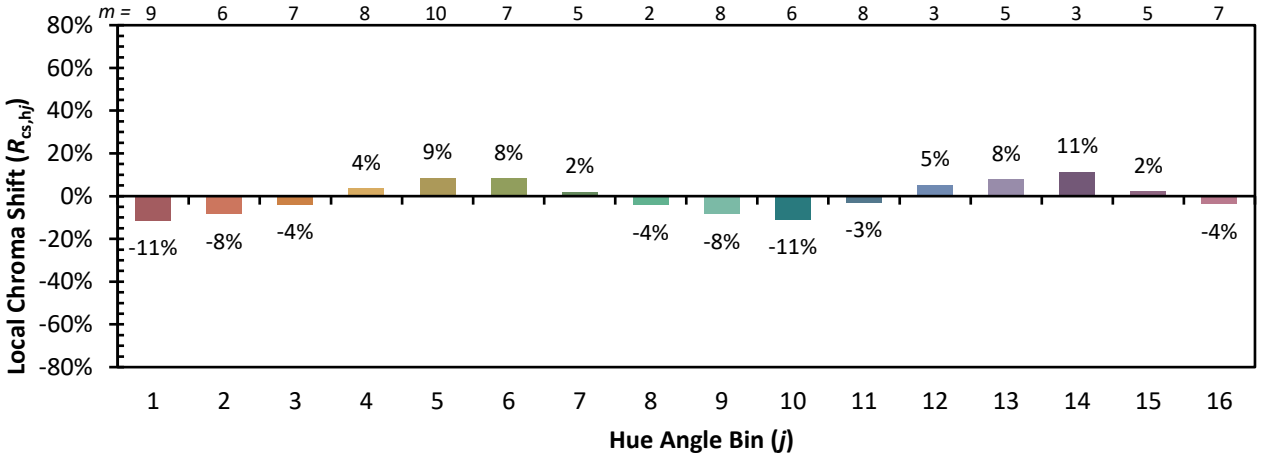
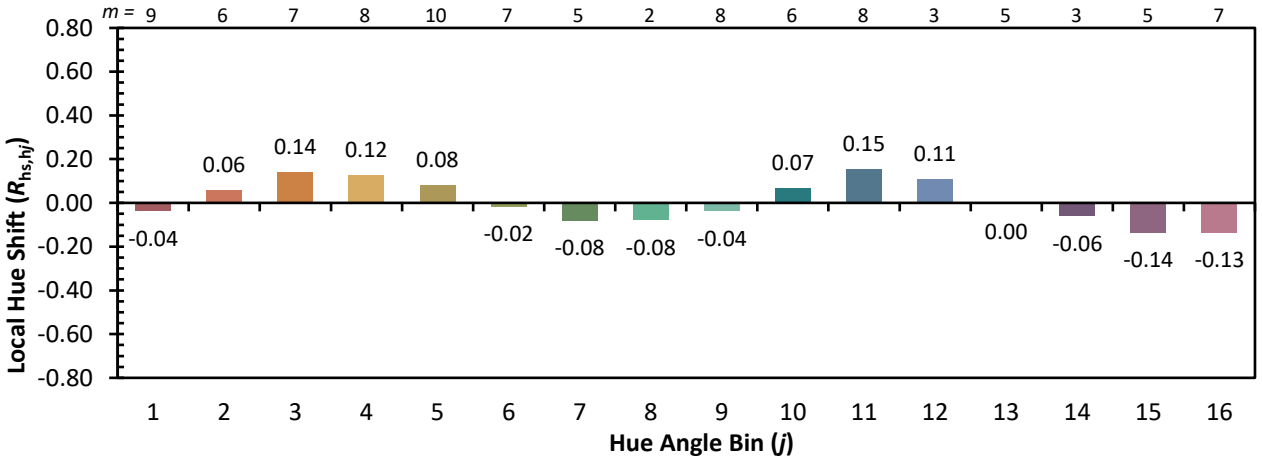
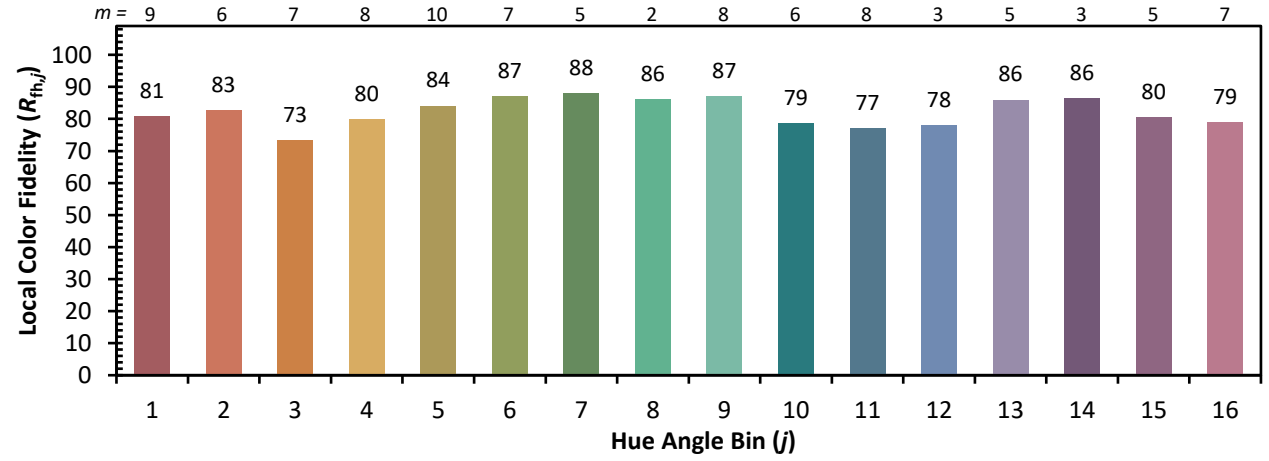
Color Rendition by Hue-Angle Bin







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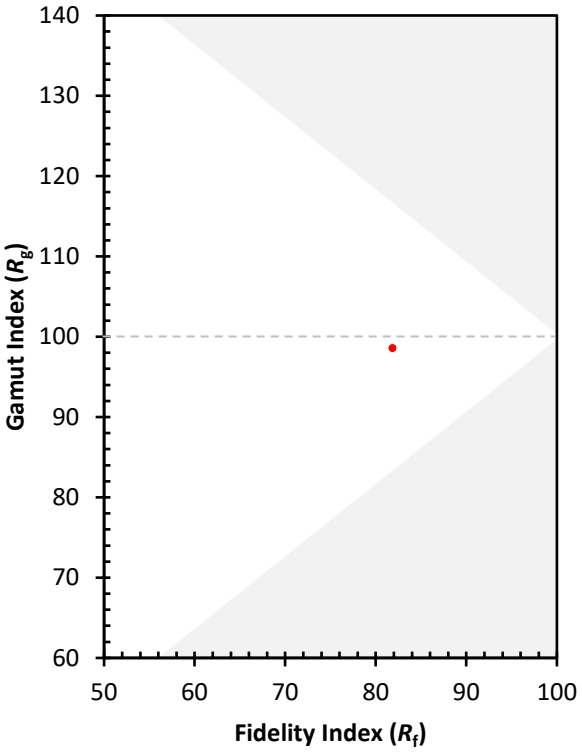
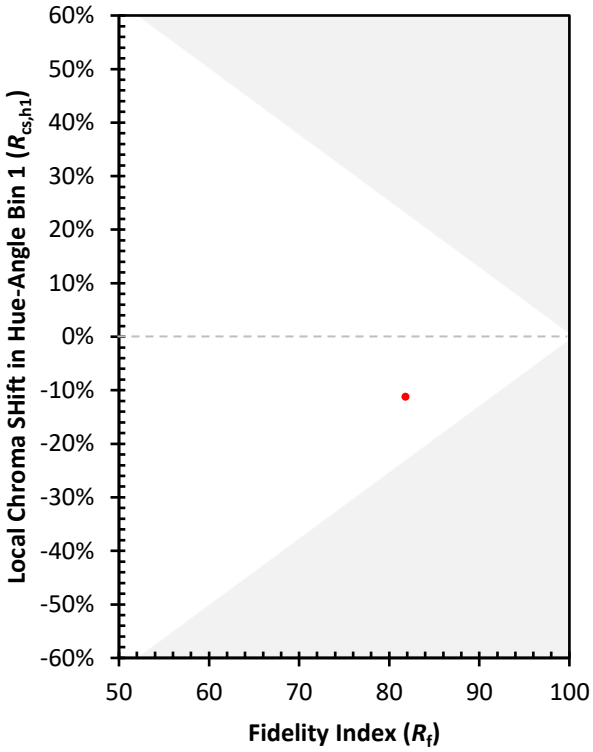
Measure Comparisons





(END OF REPORT)