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: P1458428

Luminaire Tested: GLAN-SB3B-840-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:	P1458428
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3B-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 3xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12350.1 lumens
Efficiency:	N/A
Efficacy:	113.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	109.2
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: P1458428
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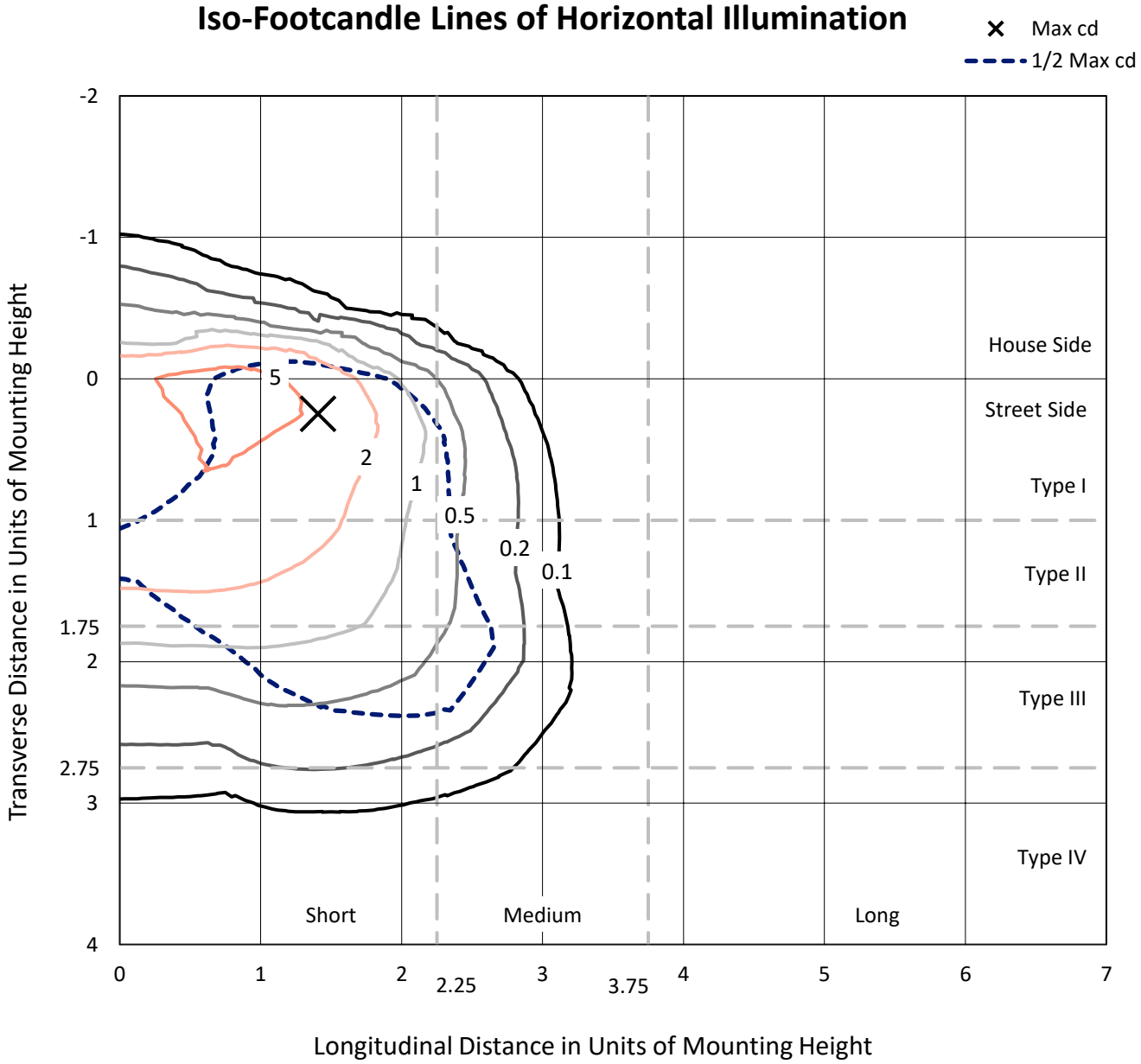
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.6 fc
Type III - Short - N/A

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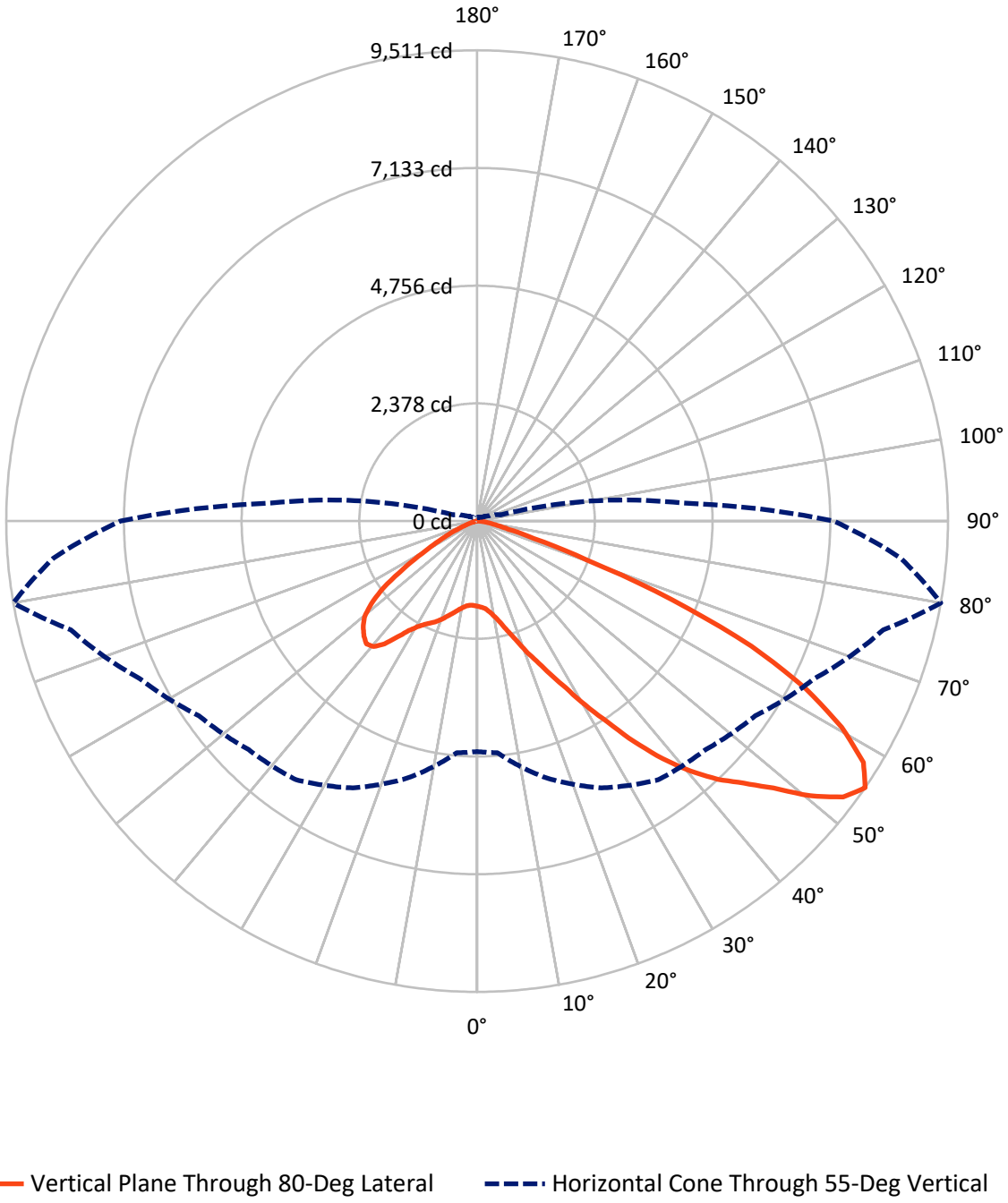
Luminous Intensity Polar Plot



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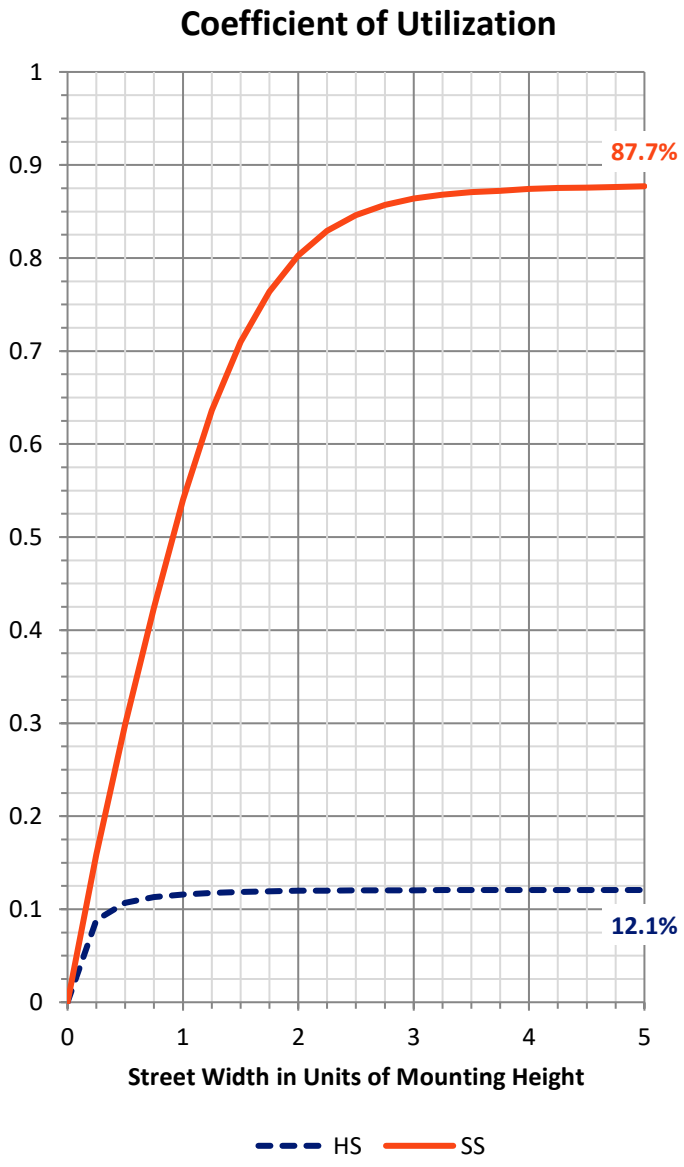
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1501.3	0.0	1501.3
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	10848.8	0.0	10848.8
	% Fixture	87.8	0.0	87.8
Total	Lumens	12350.1	0.0	12350.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.4	1.2
10°-20°	380.6	3.1
20°-30°	745.1	6.0
30°-40°	1515.9	12.3
40°-50°	2555.6	20.7
50°-60°	3265.3	26.4
60°-70°	2787.8	22.6
70°-80°	890.9	7.2
80°-90°	64.3	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°	12350.1	100.0
0°-180°	12350.1	100.0



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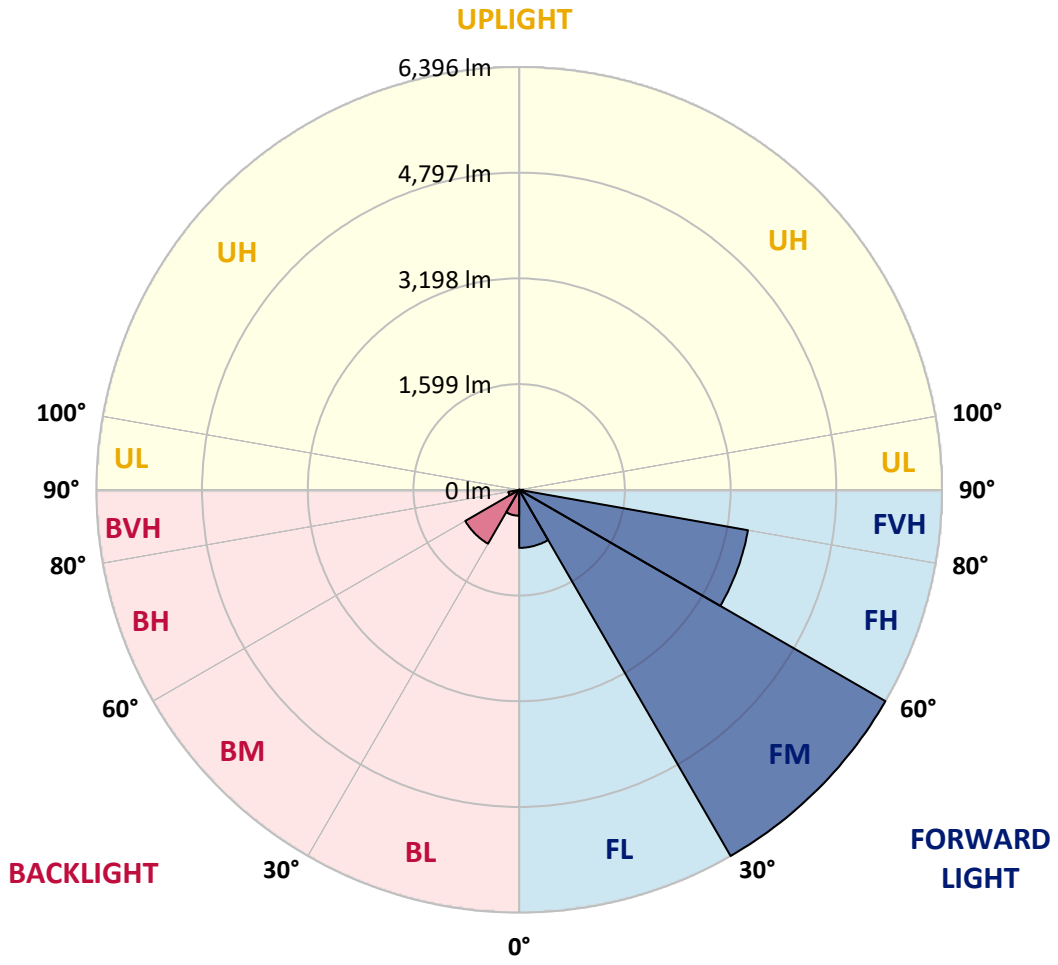
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	878.1	7.1			
FM	(30°-60°)	6396.0	51.8			
FH	(60°-80°)	3513.7	28.5			G2/5000
FVH	(80°-90°)	61.0	0.5			G1/100
BL	(0°-30°)	392.0	3.2	B1/500		
BM	(30°-60°)	940.9	7.6	B1/1000		
BH	(60°-80°)	165.0	1.3	B1/500		G1/500
BVH	(80°-90°)	3.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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REPORT NUMBER: P1458428
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1720.3	1720.3	1720.3	1720.3	1720.3	1720.3	1720.3	1720.3	1720.3	*1720.3*	1720.3
2.5°	1730.9	1734.4	1730.9	1734.4	1741.4	1737.9	1751.9	1748.4	1748.4	*1744.9*	1730.9
5°	1632.6	1636.1	1643.1	1660.7	1685.2	1709.8	1741.4	1762.5	1783.5	*1780.0*	1766.0
7.5°	1439.5	1446.5	1474.6	1509.7	1590.4	1664.2	1744.9	1797.6	1843.2	*1857.3*	1846.7
10°	1330.6	1337.7	1355.2	1390.3	1464.1	1586.9	1744.9	1853.8	1934.5	*1962.6*	1966.1
12.5°	1320.1	1323.6	1337.7	1376.3	1439.5	1544.8	1741.4	1927.5	2064.4	*2106.5*	2120.6
15°	1327.1	1334.1	1348.2	1379.8	1453.5	1572.9	1769.5	2043.4	2236.5	*2296.1*	2299.7
17.5°	1355.2	1362.2	1379.8	1414.9	1495.7	1646.6	1857.3	2162.7	2443.6	*2510.3*	2548.9
20°	1411.4	1414.9	1436.0	1481.6	1572.9	1737.9	1987.2	2324.2	2692.9	*2791.2*	2819.3
22.5°	1485.1	1495.7	1523.7	1579.9	1695.8	1864.3	2166.2	2520.8	2966.7	*3068.5*	3117.7
25°	1565.9	1579.9	1622.0	1713.3	1860.8	2057.4	2387.4	2780.6	3289.7	*3412.6*	3479.3
27.5°	1730.9	1734.4	1762.5	1878.3	2067.9	2310.2	2668.3	3114.2	3668.9	*3812.9*	3886.6
30°	2092.5	2096.0	2071.4	2103.0	2296.1	2608.6	2998.3	3503.9	4111.3	*4311.4*	4371.1
32.5°	2534.9	2552.4	2548.9	2527.9	2615.6	2907.0	3391.5	3970.8	4630.9	*4841.6*	4897.7
35°	3036.9	3079.1	3068.5	3061.5	3072.1	3289.7	3840.9	4487.0	5220.7	*5477.0*	5522.7
37.5°	3528.5	3539.0	3588.2	3647.8	3654.9	3805.8	4360.6	5034.7	5768.4	*6095.0*	6165.2
40°	3907.6	3942.8	4065.6	4185.0	4307.9	4427.3	4788.9	5477.0	6203.8	*6642.7*	6674.3
42.5°	4202.6	4286.8	4465.9	4652.0	4901.2	5034.7	5196.2	5789.5	6558.4	*7130.7*	7116.6
45°	4560.7	4595.8	4848.6	5094.3	5347.1	5550.8	5547.2	6052.8	6835.8	*7548.5*	7460.7
47.5°	4802.9	4845.1	5189.1	5477.0	5736.8	5838.7	5859.7	6337.2	7218.4	*8054.0*	7846.9
50°	4932.8	5006.6	5382.2	5747.4	6028.2	6059.8	6154.6	6709.4	7720.5	*8724.6*	8334.9
52.5°	4946.9	5017.1	5448.9	5919.4	6224.9	6288.1	6449.6	7130.7	8208.5	*9261.8*	8615.8
55°	*4655.5*	*4697.6*	*5368.2*	*5947.5*	*6379.3*	*6526.8*	*6856.8*	*7520.4*	*8492.9*	*9511.1*	*8591.2*
57.5°	4381.6	4423.8	5006.6	5898.3	6537.3	6839.3	7292.2	7787.2	8271.7	*9202.1*	8043.5
60°	4146.4	4167.5	4697.6	5670.1	6597.0	7144.7	7667.8	7523.9	7699.4	*8461.3*	7106.1
62.5°	3704.0	3718.1	4346.5	5259.4	6477.6	7379.9	7797.7	6965.7	7071.0	*7439.6*	6003.7
65°	2798.2	2850.9	3426.7	4950.4	6281.0	7488.8	7495.8	6284.5	6175.7	*6087.9*	4722.2
67.5°	1899.4	1959.1	2306.7	4451.8	5961.5	7534.4	6909.5	5403.3	4704.6	*4251.7*	3093.1
70°	1516.7	1516.7	1636.1	3577.6	5203.2	6951.6	6182.7	4079.7	2987.8	*2348.8*	1657.2
72.5°	997.1	1000.6	1113.0	2271.6	3690.0	5301.5	5041.7	2359.3	1551.8	*1197.2*	818.0
75°	361.6	361.6	488.0	909.3	1952.1	3156.3	3072.1	1127.0	842.6	*653.0*	495.0
77.5°	193.1	200.1	235.2	375.7	747.8	1285.0	1200.7	575.8	477.5	*407.3*	309.0
80°	129.9	133.4	158.0	231.7	361.6	495.0	386.2	323.0	323.0	*273.9*	207.1
82.5°	70.2	73.7	105.3	151.0	193.1	231.7	186.1	189.6	228.2	*186.1*	119.4
85°	49.2	49.2	80.8	108.8	108.8	112.3	80.8	119.4	133.4	*115.9*	80.8
87.5°	28.1	28.1	45.6	52.7	52.7	49.2	24.6	42.1	52.7	*59.7*	35.1
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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REPORT NUMBER: P1458428
CATALOG NUMBER: GLAN-SB3B-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1720.3	1720.3	1720.3	1720.3	1720.3	1720.3	1720.3	1720.3	1720.3	1720.3	1720.3
2.5°	1727.4	1716.8	1695.8	1653.6	1632.6	1604.5	1579.9	1548.3	1541.3	1537.8	1523.7
5°	1755.5	1734.4	1671.2	1579.9	1502.7	1428.9	1355.2	1313.1	1278.0	1260.4	1256.9
7.5°	1825.7	1783.5	1667.7	1506.2	1362.2	1235.8	1127.0	1032.2	983.1	940.9	944.4
10°	1931.0	1864.3	1674.7	1436.0	1221.8	1018.2	860.2	723.2	624.9	579.3	575.8
12.5°	2071.4	1976.6	1699.3	1365.7	1049.8	765.4	565.3	484.5	463.4	459.9	456.4
15°	2243.5	2110.1	1723.9	1274.5	818.0	530.1	459.9	442.4	438.9	435.4	435.4
17.5°	2450.6	2264.5	1737.9	1120.0	596.9	456.4	431.8	421.3	417.8	414.3	414.3
20°	2710.4	2436.6	1755.5	923.4	505.6	438.9	410.8	396.7	393.2	393.2	389.7
22.5°	2966.7	2629.7	1741.4	751.3	488.0	417.8	386.2	372.2	365.1	365.1	361.6
25°	3261.6	2826.3	1699.3	677.6	484.5	400.2	361.6	340.6	330.0	326.5	326.5
27.5°	3598.7	3051.0	1632.6	681.1	484.5	386.2	330.0	301.9	294.9	287.9	287.9
30°	3984.9	3324.8	1583.4	726.8	491.5	372.2	301.9	266.8	256.3	249.3	252.8
32.5°	4427.3	3630.3	1579.9	800.5	502.1	351.1	270.3	231.7	221.2	217.7	221.2
35°	4929.3	4009.5	1660.7	856.7	474.0	305.4	231.7	200.1	189.6	189.6	193.1
37.5°	5487.6	4444.8	1769.5	842.6	382.7	242.3	200.1	175.5	165.0	168.5	172.0
40°	5996.6	4785.4	1787.1	719.7	287.9	207.1	172.0	154.5	147.5	151.0	154.5
42.5°	6382.8	5059.2	1618.5	558.2	242.3	175.5	147.5	133.4	129.9	136.9	136.9
45°	6695.3	5168.1	1351.7	414.3	214.2	151.0	129.9	122.9	115.9	119.4	119.4
47.5°	7021.8	5185.6	1102.4	333.5	189.6	136.9	119.4	112.3	105.3	105.3	105.3
50°	7337.8	5143.5	842.6	294.9	175.5	122.9	108.8	101.8	94.8	91.3	91.3
52.5°	7415.1	4806.4	617.9	273.9	161.5	115.9	101.8	94.8	87.8	84.3	84.3
55°	*7200.9*	*4167.5*	*484.5*	*245.8*	*147.5*	*105.3*	*94.8*	*87.8*	*77.2*	*73.7*	*73.7*
57.5°	6495.2	3177.4	386.2	210.7	133.4	101.8	87.8	80.8	70.2	66.7	66.7
60°	5578.8	2254.0	312.5	172.0	122.9	91.3	80.8	70.2	63.2	56.2	56.2
62.5°	4564.2	1618.5	252.8	143.9	115.9	80.8	73.7	63.2	49.2	38.6	38.6
65°	3500.4	1162.1	196.6	115.9	105.3	70.2	63.2	52.7	38.6	28.1	28.1
67.5°	2264.5	751.3	147.5	101.8	80.8	59.7	49.2	42.1	35.1	24.6	21.1
70°	1193.7	438.9	108.8	87.8	59.7	45.6	42.1	35.1	28.1	17.6	17.6
72.5°	617.9	287.9	80.8	77.2	45.6	31.6	35.1	28.1	21.1	10.5	10.5
75°	396.7	193.1	59.7	63.2	28.1	24.6	24.6	17.6	10.5	7.0	3.5
77.5°	256.3	129.9	42.1	52.7	17.6	14.0	14.0	7.0	3.5	0.0	0.0
80°	151.0	80.8	28.1	35.1	7.0	7.0	3.5	0.0	0.0	0.0	0.0
82.5°	77.2	42.1	14.0	14.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	49.2	21.1	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.6	7.0	3.5	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

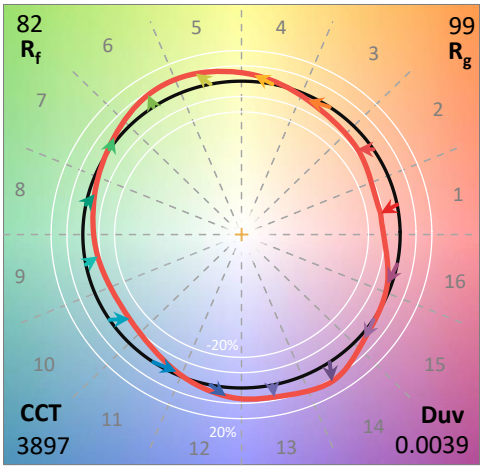
Test Information

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

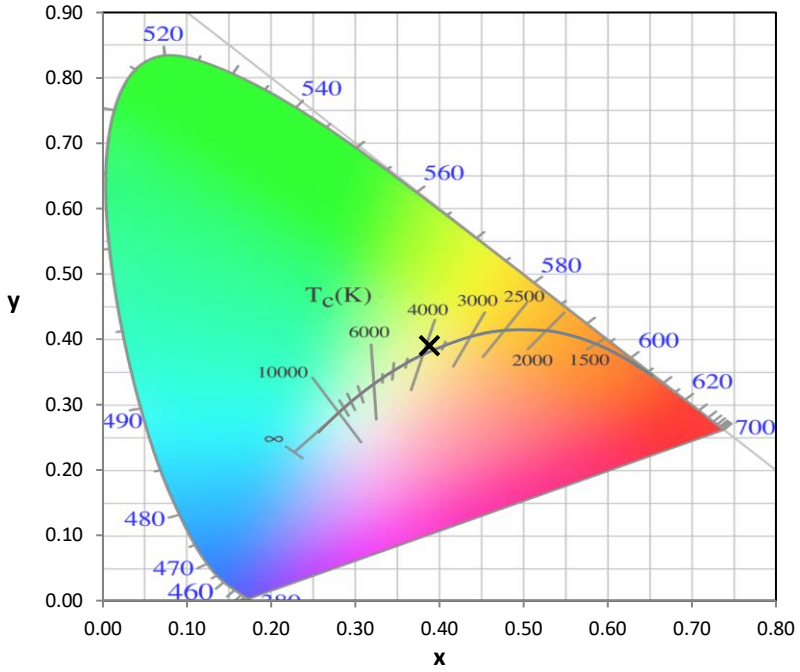
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

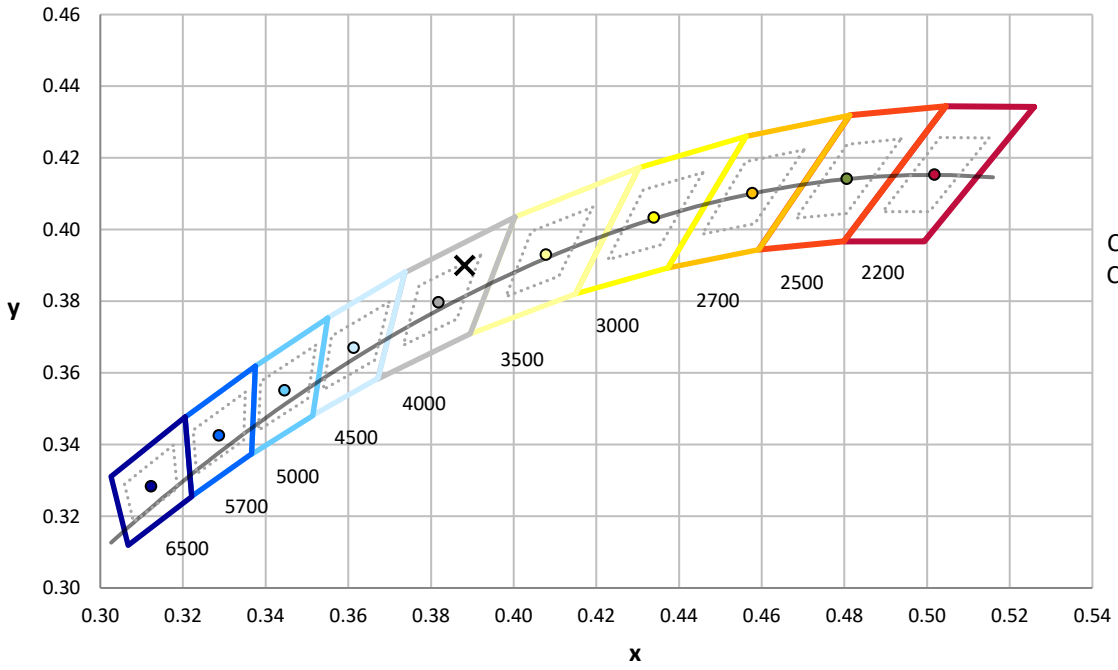
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

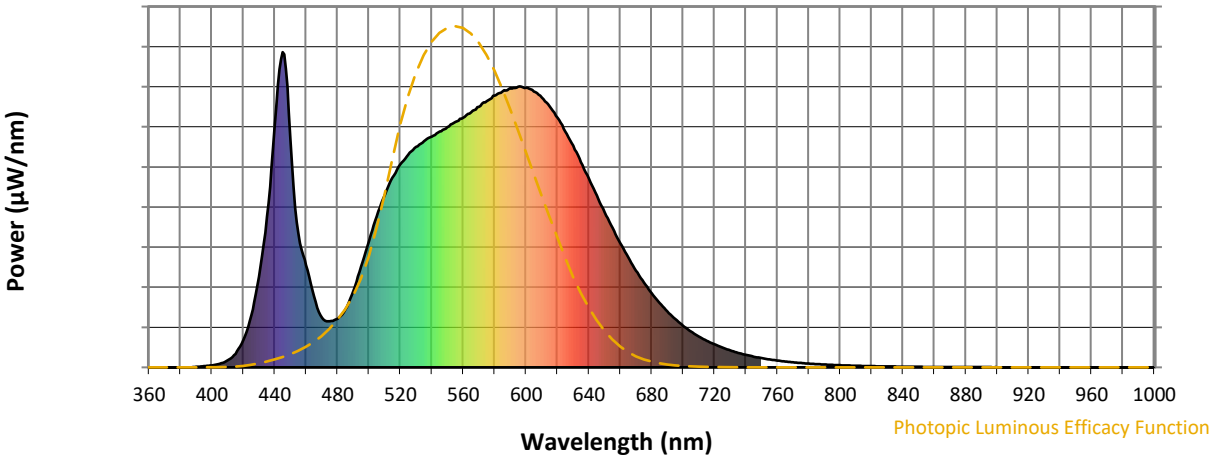


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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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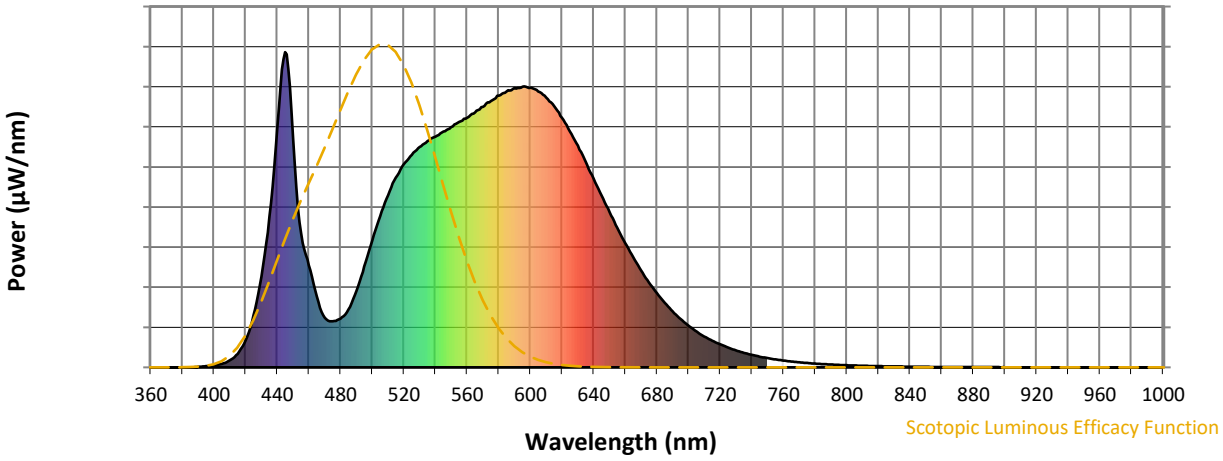
Scotopic Flux vs. Wavelength



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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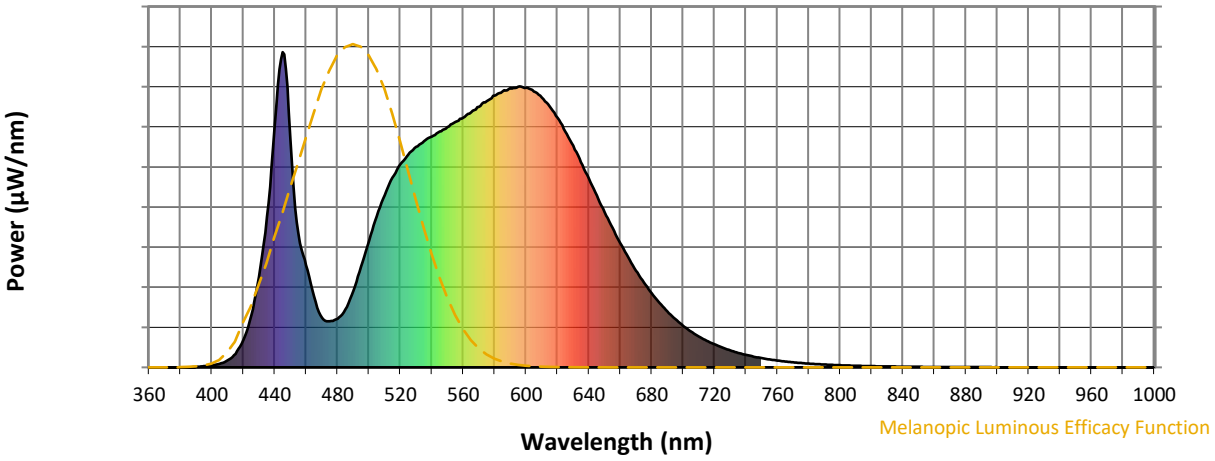
Melanopic Flux vs. Wavelength



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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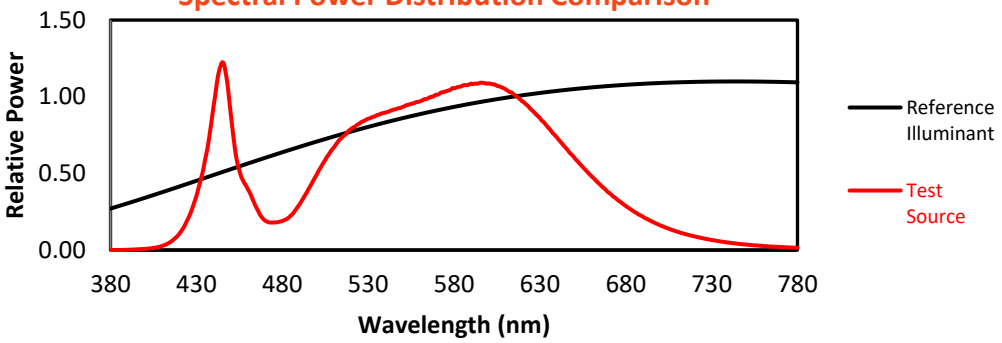
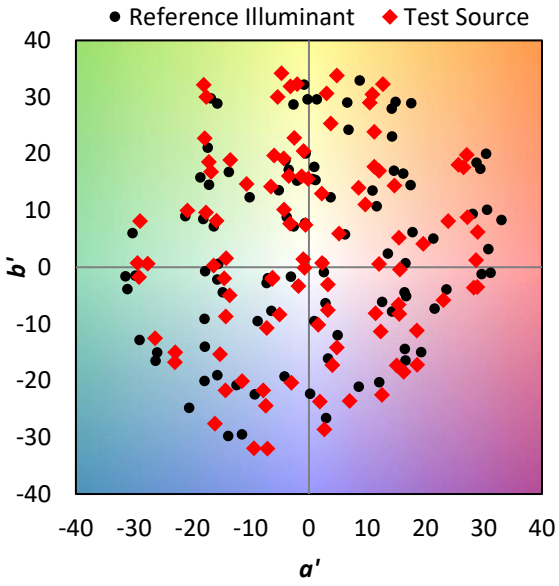
Summary

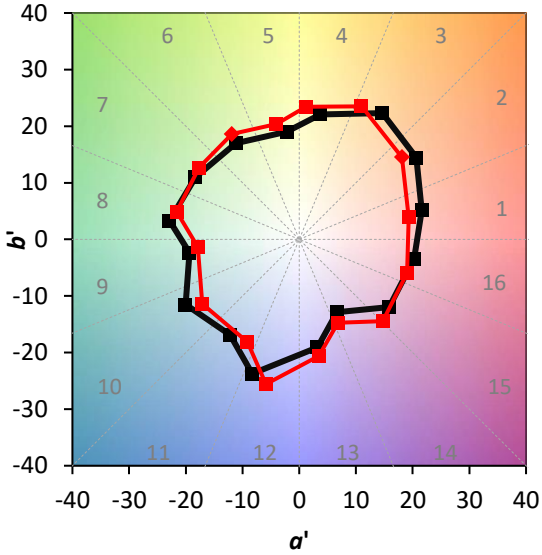
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

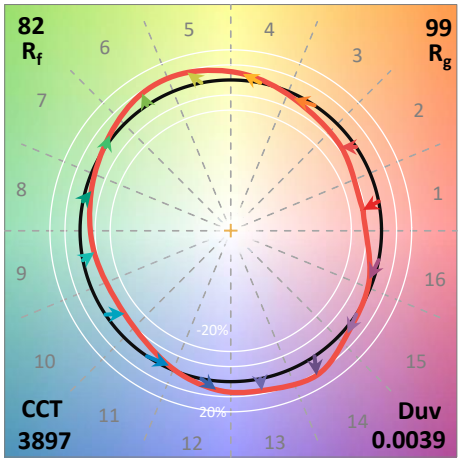
Spectral Power Distribution Comparison

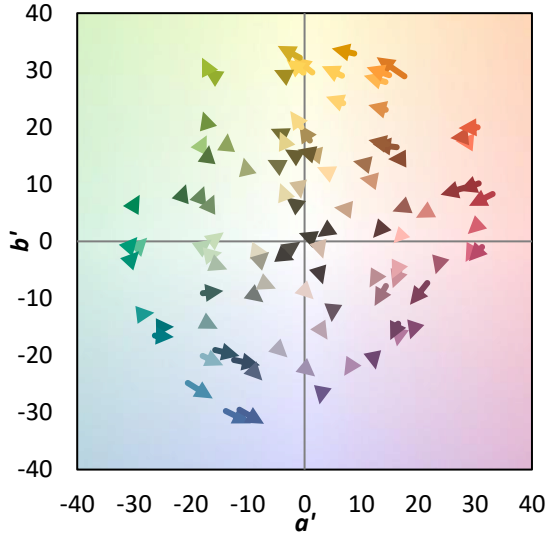


Color Vector Graphics









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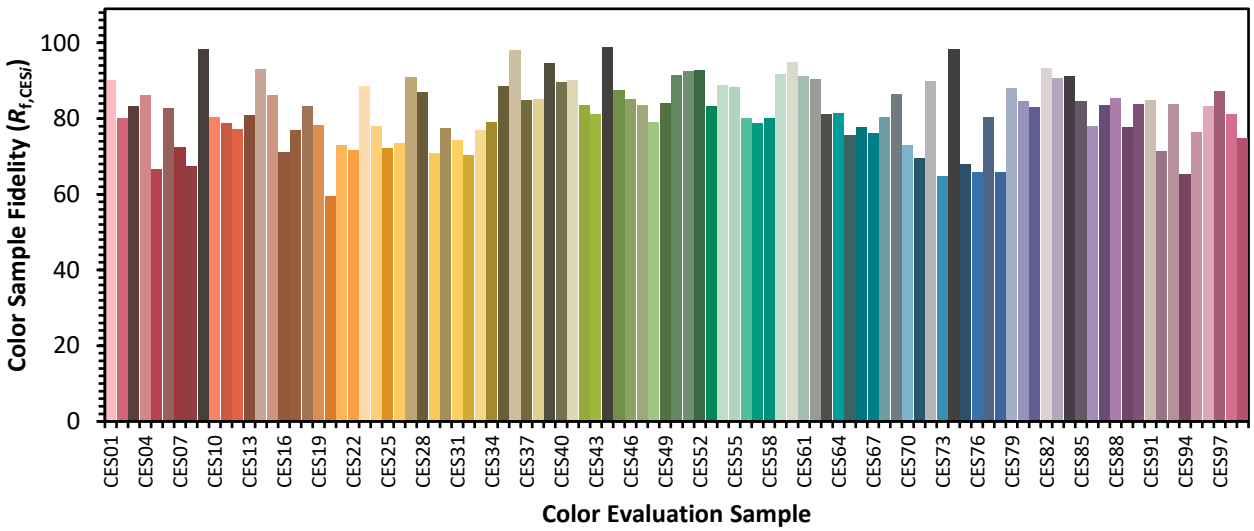
Individual Sample Fidelity Index ($R_{f,i}$)

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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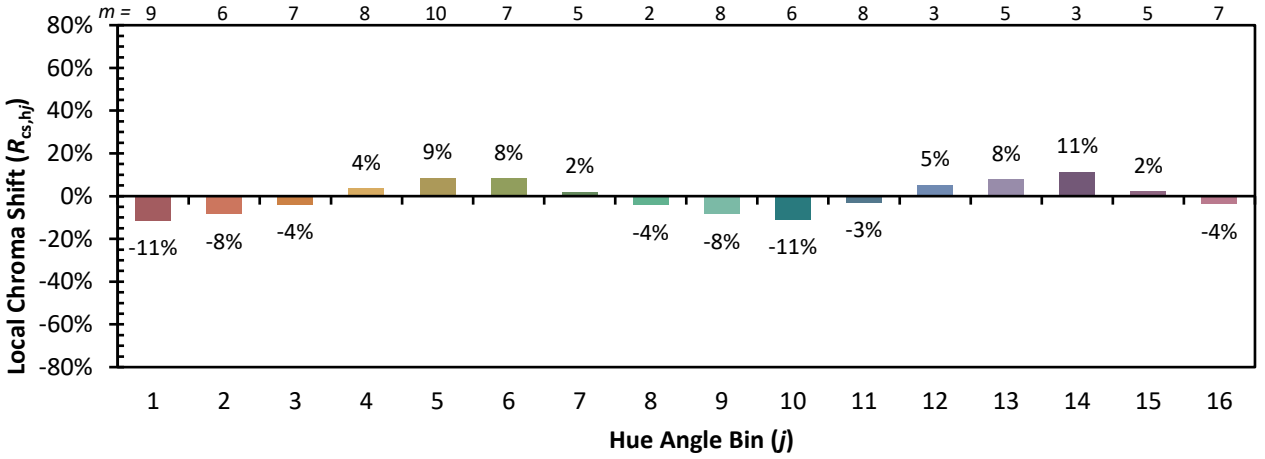
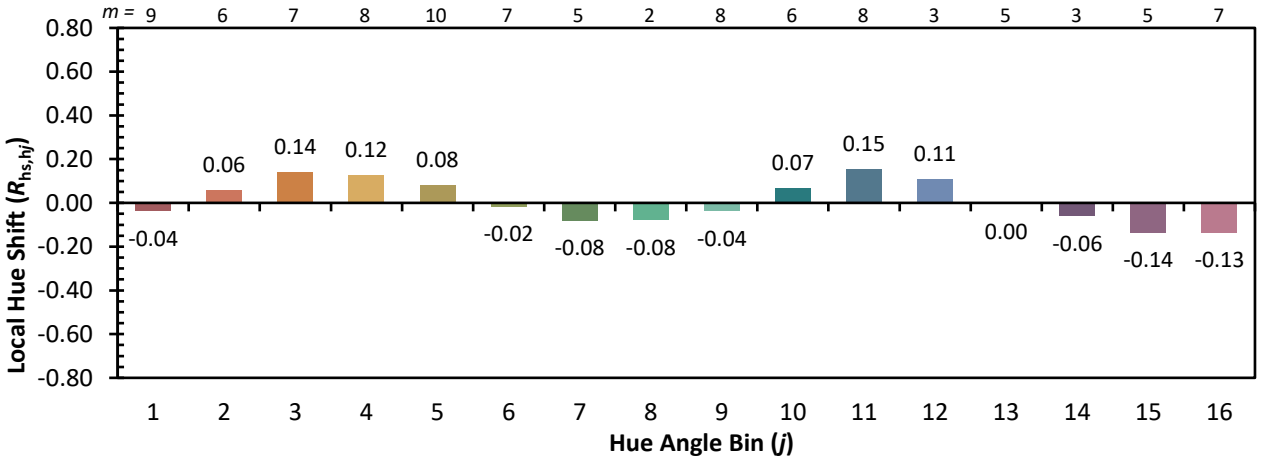
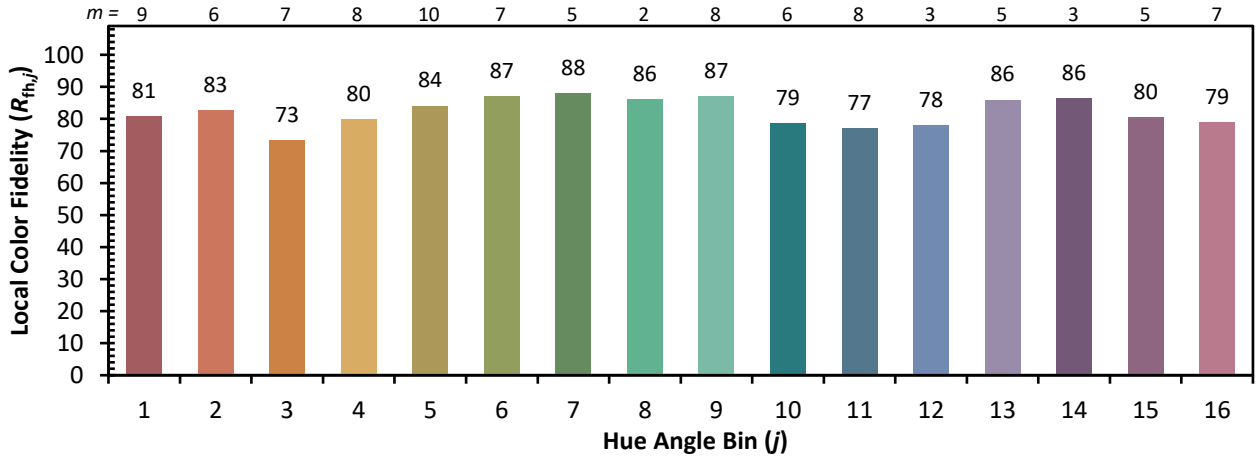
Color Rendition by Hue-Angle Bin







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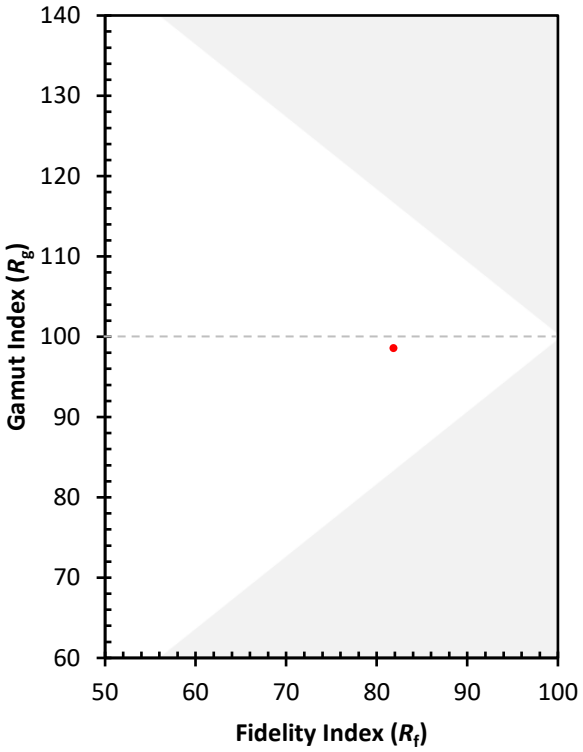
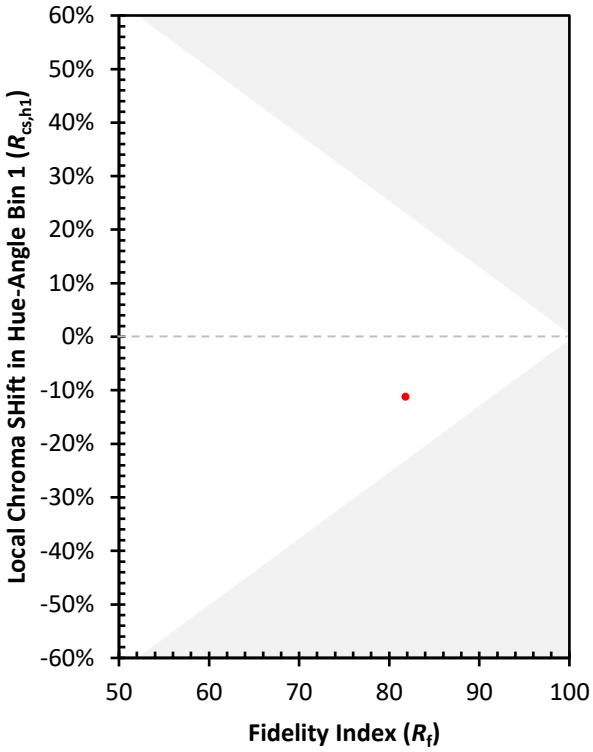
Measure Comparisons





(END OF REPORT)