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: P1458427

Luminaire Tested: GLAN-SB3A-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:	P1458427
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 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:	9838.4 lumens
Efficiency:	N/A
Efficacy:	116.2 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):	84.7
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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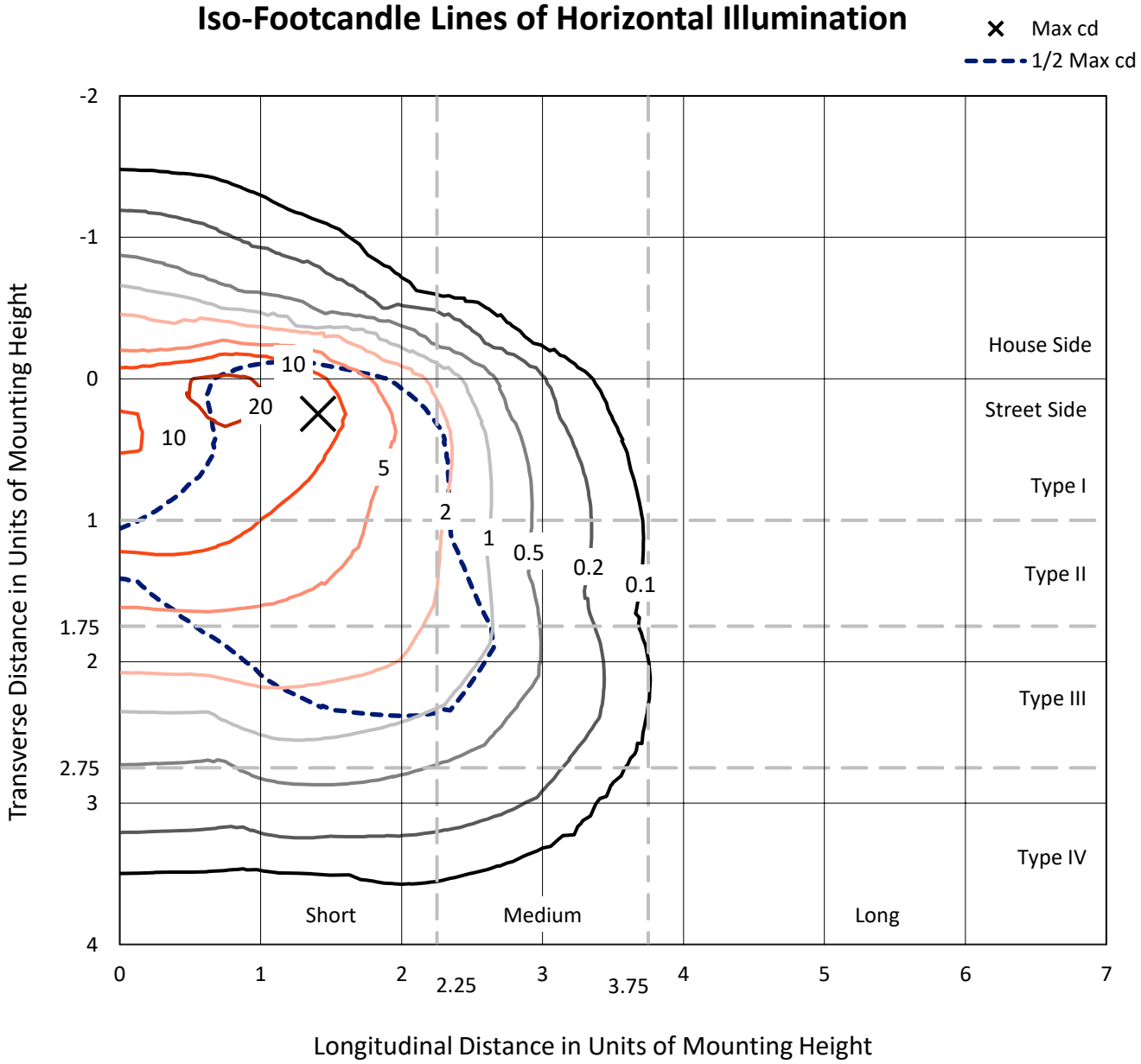
REPORT NUMBER: P1458427
CATALOG NUMBER: GLAN-SB3A-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 24.3 fc
Type III - Short - N/A

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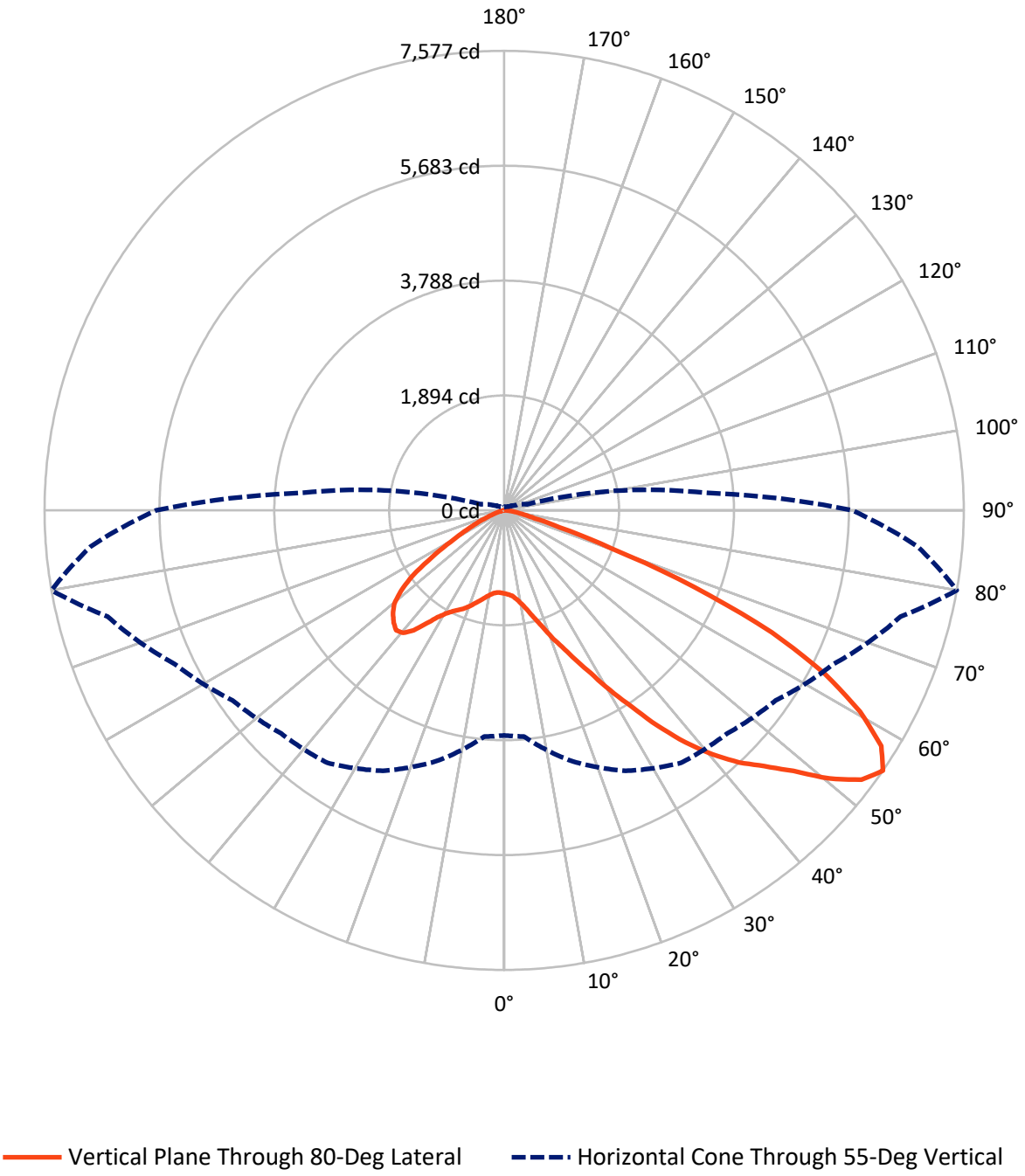
Luminous Intensity Polar Plot



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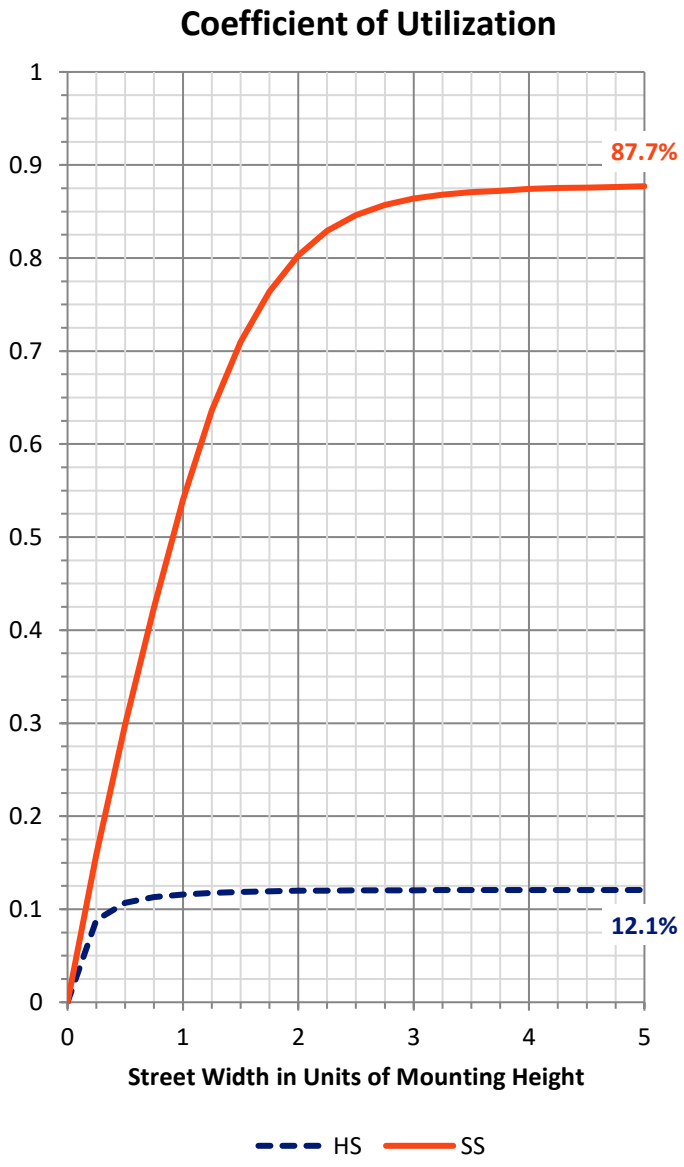
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1196.0	0.0	1196.0
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	8642.5	0.0	8642.5
	% Fixture	87.8	0.0	87.8
Total	Lumens	9838.4	0.0	9838.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.0	1.2
10°-20°	303.2	3.1
20°-30°	593.6	6.0
30°-40°	1207.6	12.3
40°-50°	2035.9	20.7
50°-60°	2601.3	26.4
60°-70°	2220.9	22.6
70°-80°	709.7	7.2
80°-90°	51.3	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°	9838.4	100.0
0°-180°	9838.4	100.0



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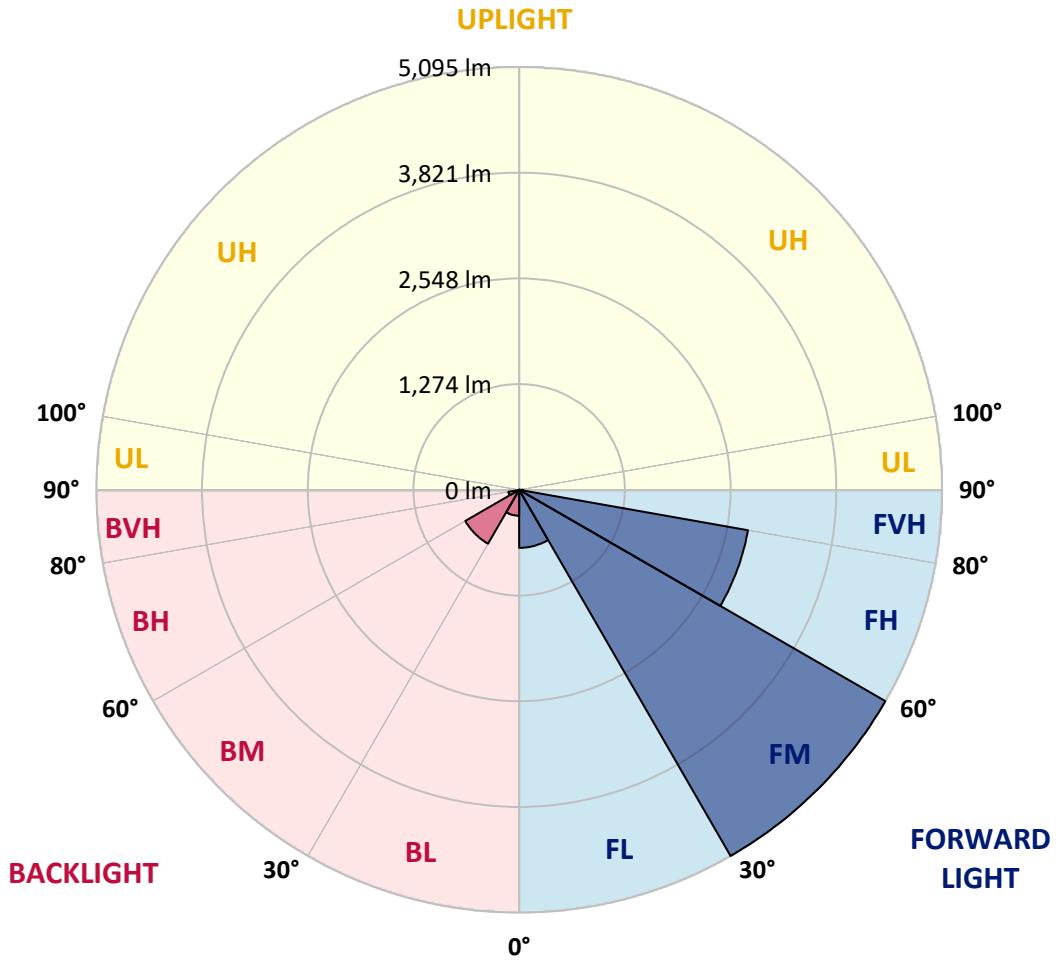
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	699.5	7.1			
FM	(30°-60°)	5095.2	51.8			
FH	(60°-80°)	2799.1	28.5			G2/5000
FVH	(80°-90°)	48.6	0.5			G1/100
BL	(0°-30°)	312.3	3.2	B1/500		
BM	(30°-60°)	749.5	7.6	B1/1000		
BH	(60°-80°)	131.5	1.3	B1/500		G1/500
BVH	(80°-90°)	2.7	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: P1458427
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5
2.5°	1378.9	1381.7	1378.9	1381.7	1387.3	1384.5	1395.6	1392.8	1392.8	1390.1	1378.9
5°	1300.6	1303.3	1308.9	1322.9	1342.5	1362.1	1387.3	1404.0	1420.8	1418.0	1406.8
7.5°	1146.7	1152.3	1174.7	1202.7	1267.0	1325.7	1390.1	1432.0	1468.4	1479.6	1471.2
10°	1060.0	1065.6	1079.6	1107.6	1166.3	1264.2	1390.1	1476.8	1541.1	1563.5	1566.3
12.5°	1051.6	1054.4	1065.6	1096.4	1146.7	1230.6	1387.3	1535.5	1644.6	1678.1	1689.3
15°	1057.2	1062.8	1074.0	1099.2	1157.9	1253.0	1409.6	1627.8	1781.6	1829.2	1832.0
17.5°	1079.6	1085.2	1099.2	1127.1	1191.5	1311.7	1479.6	1722.9	1946.6	1999.8	2030.5
20°	1124.3	1127.1	1143.9	1180.3	1253.0	1384.5	1583.0	1851.5	2145.2	2223.5	2245.9
22.5°	1183.1	1191.5	1213.8	1258.6	1350.9	1485.1	1725.7	2008.2	2363.4	2444.5	2483.6
25°	1247.4	1258.6	1292.2	1364.9	1482.4	1639.0	1901.9	2215.1	2620.7	2718.6	2771.7
27.5°	1378.9	1381.7	1404.0	1496.3	1647.4	1840.4	2125.6	2480.8	2922.7	3037.4	3096.2
30°	1666.9	1669.7	1650.2	1675.3	1829.2	2078.1	2388.5	2791.3	3275.2	3434.6	3482.1
32.5°	2019.4	2033.3	2030.5	2013.8	2083.7	2315.8	2701.8	3163.3	3689.1	3856.9	3901.7
35°	2419.3	2452.9	2444.5	2438.9	2447.3	2620.7	3059.8	3574.4	4159.0	4363.1	4399.5
37.5°	2810.9	2819.3	2858.4	2906.0	2911.6	3031.8	3473.7	4010.7	4595.3	4855.4	4911.3
40°	3112.9	3140.9	3238.8	3333.9	3431.8	3526.9	3815.0	4363.1	4942.1	5291.7	5316.9
42.5°	3347.9	3415.0	3557.6	3705.9	3904.5	4010.7	4139.4	4612.1	5224.6	5680.5	5669.3
45°	3633.2	3661.1	3862.5	4058.3	4259.7	4421.9	4419.1	4821.8	5445.5	6013.3	5943.4
47.5°	3826.1	3859.7	4133.8	4363.1	4570.1	4651.2	4668.0	5048.4	5750.4	6416.1	6251.0
50°	3929.6	3988.4	4287.6	4578.5	4802.3	4827.4	4902.9	5344.9	6150.4	6950.3	6639.8
52.5°	3940.8	3996.8	4340.8	4715.6	4958.9	5009.2	5137.9	5680.5	6539.1	7378.2	6863.6
55°	3708.7	3742.2	4276.4	4737.9	5081.9	5199.4	5462.3	5990.9	6765.7	7576.8	6844.0
57.5°	3490.5	3524.1	3988.4	4698.8	5207.8	5448.3	5809.1	6203.5	6589.5	7330.6	6407.7
60°	3303.1	3319.9	3742.2	4517.0	5255.4	5691.7	6108.4	5993.7	6133.6	6740.5	5660.9
62.5°	2950.7	2961.9	3462.5	4189.7	5160.3	5879.1	6211.9	5549.0	5632.9	5926.6	4782.7
65°	2229.1	2271.1	2729.8	3943.6	5003.6	5965.8	5971.4	5006.4	4919.7	4849.8	3761.8
67.5°	1513.1	1560.7	1837.6	3546.5	4749.1	6002.1	5504.3	4304.4	3747.8	3387.0	2464.1
70°	1208.3	1208.3	1303.3	2850.0	4145.0	5537.8	4925.3	3250.0	2380.2	1871.1	1320.1
72.5°	794.3	797.1	886.6	1809.6	2939.5	4223.3	4016.3	1879.5	1236.2	953.7	651.7
75°	288.1	288.1	388.8	724.4	1555.1	2514.4	2447.3	897.8	671.3	520.2	394.4
77.5°	153.8	159.4	187.4	299.3	595.7	1023.7	956.5	458.7	380.4	324.4	246.1
80°	103.5	106.3	125.9	184.6	288.1	394.4	307.7	257.3	257.3	218.2	165.0
82.5°	55.9	58.7	83.9	120.3	153.8	184.6	148.2	151.0	181.8	148.2	95.1
85°	39.2	39.2	64.3	86.7	86.7	89.5	64.3	95.1	106.3	92.3	64.3
87.5°	22.4	22.4	36.4	42.0	42.0	39.2	19.6	33.6	42.0	47.5	28.0
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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REPORT NUMBER: P1458427
CATALOG NUMBER: GLAN-SB3A-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5	1370.5
2.5°	1376.1	1367.7	1350.9	1317.3	1300.6	1278.2	1258.6	1233.4	1227.8	1225.0	1213.8
5°	1398.4	1381.7	1331.3	1258.6	1197.1	1138.3	1079.6	1046.0	1018.1	1004.1	1001.3
7.5°	1454.4	1420.8	1328.5	1199.9	1085.2	984.5	897.8	822.3	783.1	749.6	752.4
10°	1538.3	1485.1	1334.1	1143.9	973.3	811.1	685.2	576.2	497.8	461.5	458.7
12.5°	1650.2	1574.6	1353.7	1088.0	836.3	609.7	450.3	386.0	369.2	366.4	363.6
15°	1787.2	1680.9	1373.3	1015.3	651.7	422.3	366.4	352.4	349.6	346.8	346.8
17.5°	1952.2	1804.0	1384.5	892.2	475.5	363.6	344.0	335.6	332.8	330.0	330.0
20°	2159.2	1941.0	1398.4	735.6	402.8	349.6	327.2	316.0	313.3	313.3	310.5
22.5°	2363.4	2094.9	1387.3	598.5	388.8	332.8	307.7	296.5	290.9	290.9	288.1
25°	2598.3	2251.5	1353.7	539.8	386.0	318.8	288.1	271.3	262.9	260.1	260.1
27.5°	2866.8	2430.5	1300.6	542.6	386.0	307.7	262.9	240.5	234.9	229.3	229.3
30°	3174.5	2648.7	1261.4	579.0	391.6	296.5	240.5	212.6	204.2	198.6	201.4
32.5°	3526.9	2892.0	1258.6	637.7	400.0	279.7	215.4	184.6	176.2	173.4	176.2
35°	3926.8	3194.0	1322.9	682.4	377.6	243.3	184.6	159.4	151.0	151.0	153.8
37.5°	4371.5	3540.9	1409.6	671.3	304.9	193.0	159.4	139.8	131.5	134.3	137.0
40°	4777.1	3812.2	1423.6	573.4	229.3	165.0	137.0	123.1	117.5	120.3	123.1
42.5°	5084.7	4030.3	1289.4	444.7	193.0	139.8	117.5	106.3	103.5	109.1	109.1
45°	5333.7	4117.0	1076.8	330.0	170.6	120.3	103.5	97.9	92.3	95.1	95.1
47.5°	5593.8	4131.0	878.2	265.7	151.0	109.1	95.1	89.5	83.9	83.9	83.9
50°	5845.5	4097.4	671.3	234.9	139.8	97.9	86.7	81.1	75.5	72.7	72.7
52.5°	5907.0	3828.9	492.3	218.2	128.7	92.3	81.1	75.5	69.9	67.1	67.1
55°	*5736.4*	*3319.9*	*386.0*	*195.8*	*117.5*	*83.9*	*75.5*	*69.9*	*61.5*	*58.7*	*58.7*
57.5°	5174.2	2531.2	307.7	167.8	106.3	81.1	69.9	64.3	55.9	53.1	53.1
60°	4444.3	1795.6	248.9	137.0	97.9	72.7	64.3	55.9	50.3	44.8	44.8
62.5°	3636.0	1289.4	201.4	114.7	92.3	64.3	58.7	50.3	39.2	30.8	30.8
65°	2788.5	925.8	156.6	92.3	83.9	55.9	50.3	42.0	30.8	22.4	22.4
67.5°	1804.0	598.5	117.5	81.1	64.3	47.5	39.2	33.6	28.0	19.6	16.8
70°	950.9	349.6	86.7	69.9	47.5	36.4	33.6	28.0	22.4	14.0	14.0
72.5°	492.3	229.3	64.3	61.5	36.4	25.2	28.0	22.4	16.8	8.4	8.4
75°	316.0	153.8	47.5	50.3	22.4	19.6	19.6	14.0	8.4	5.6	2.8
77.5°	204.2	103.5	33.6	42.0	14.0	11.2	11.2	5.6	2.8	0.0	0.0
80°	120.3	64.3	22.4	28.0	5.6	5.6	2.8	0.0	0.0	0.0	0.0
82.5°	61.5	33.6	11.2	11.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	39.2	16.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.6	5.6	2.8	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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Peachtree City, GA 30269

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

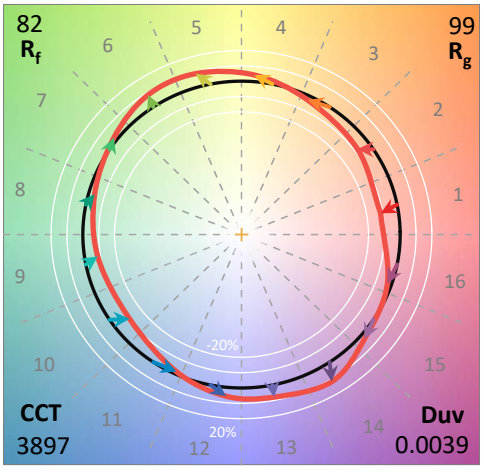
Test Information

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

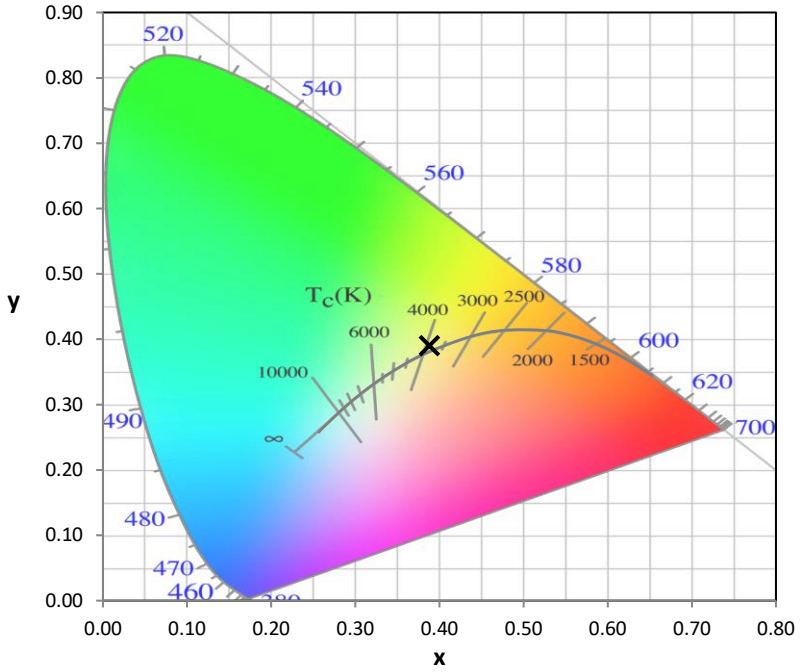
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

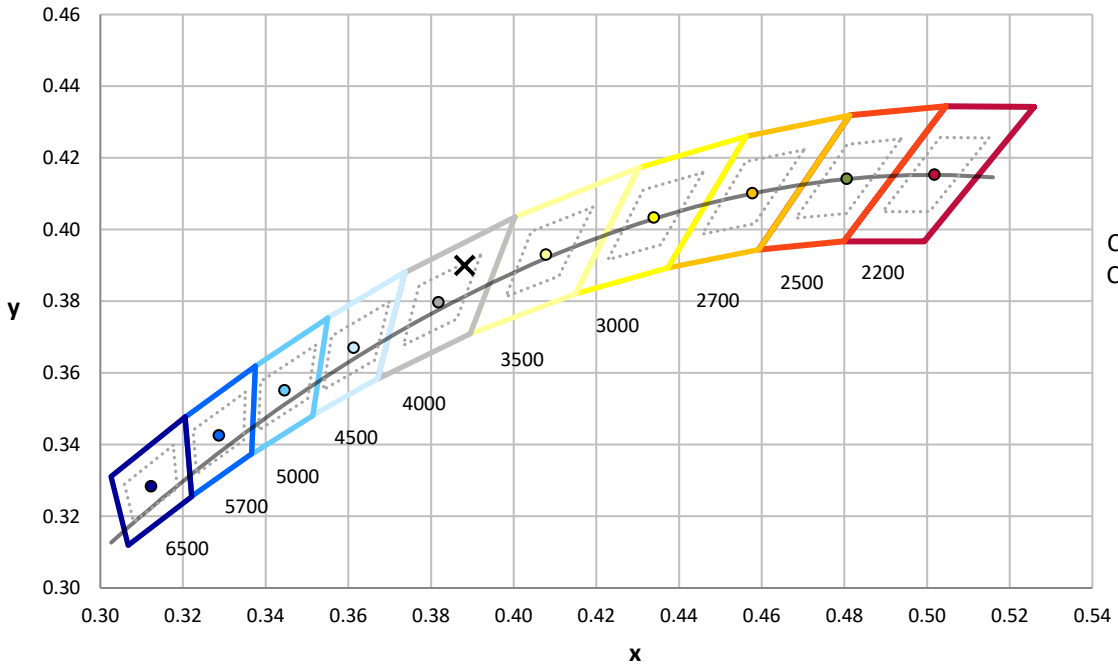
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

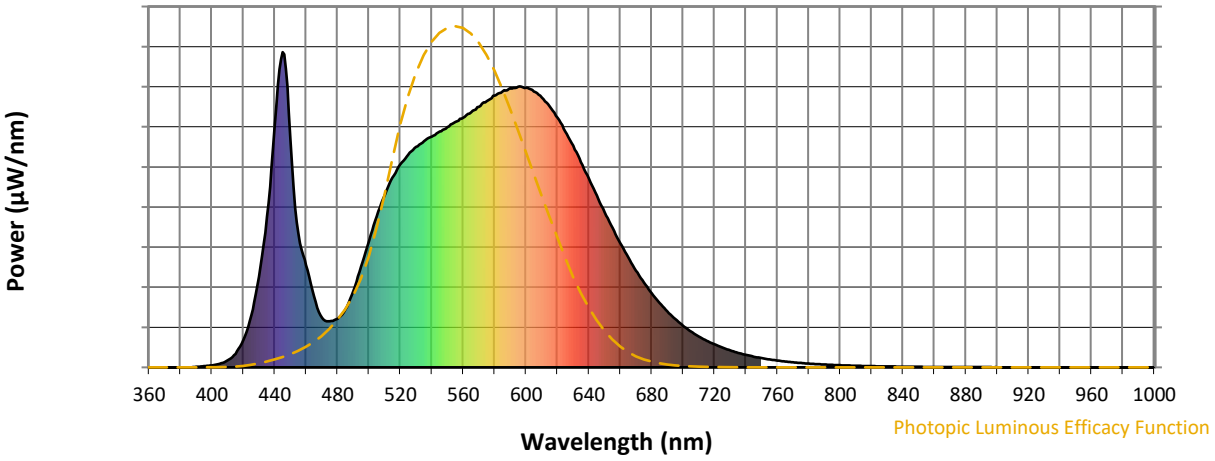


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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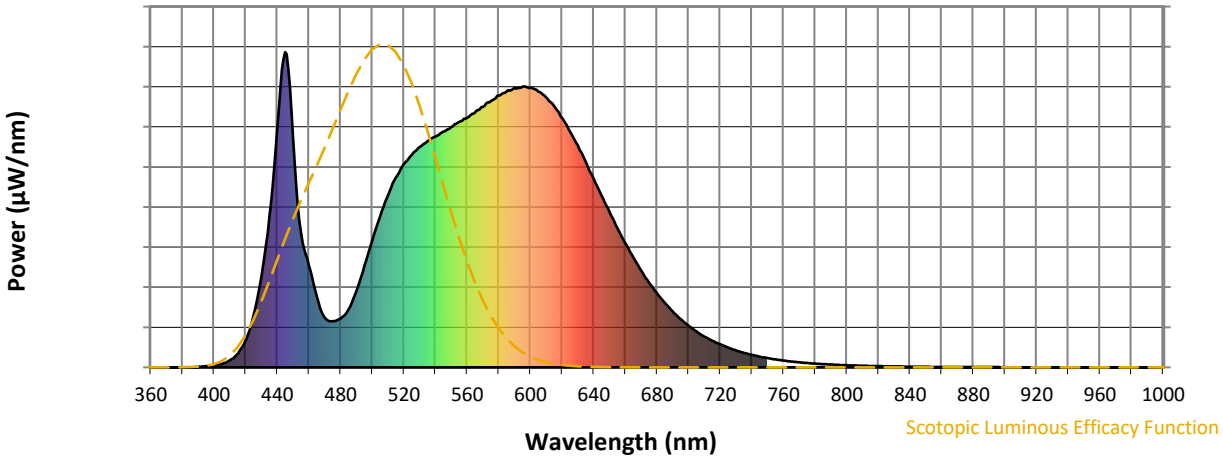
Scotopic Flux vs. Wavelength



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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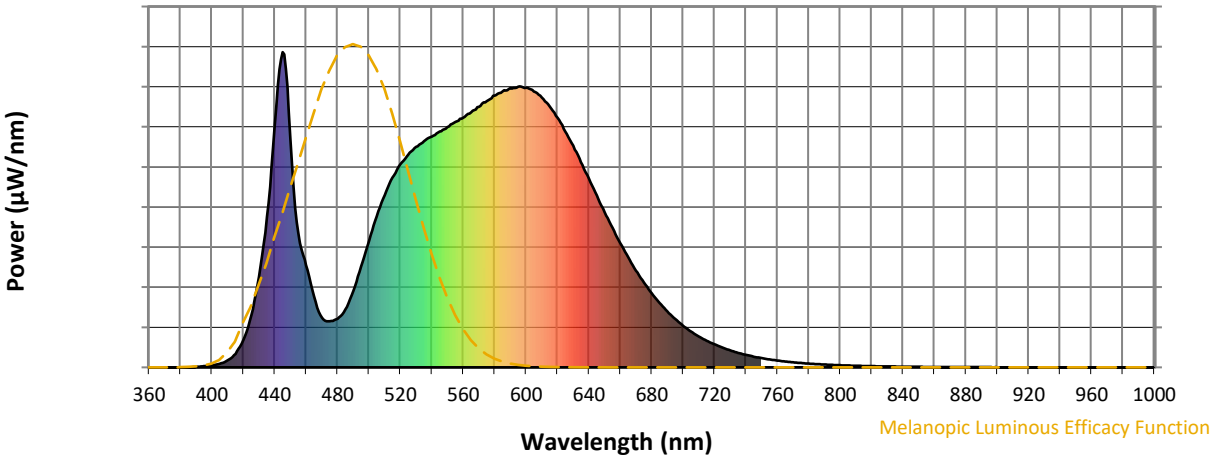
Melanopic Flux vs. Wavelength



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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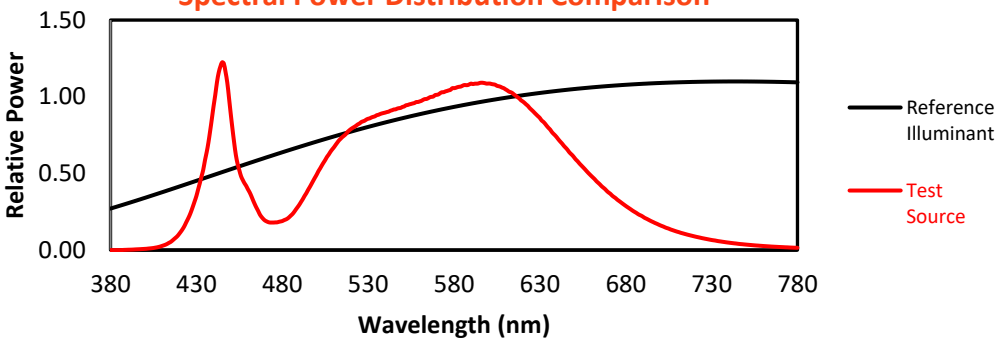
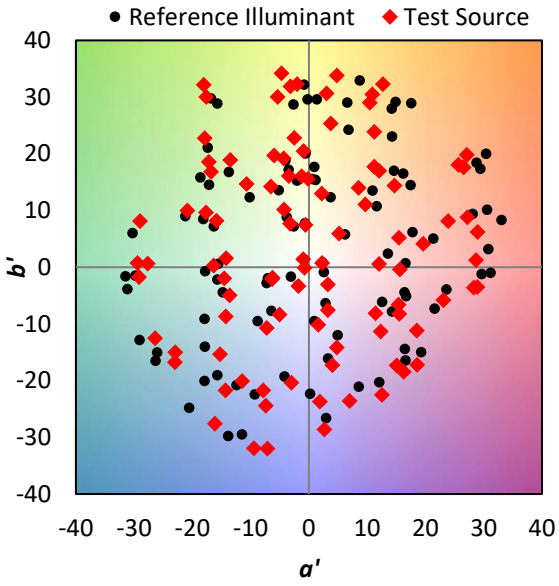
Summary

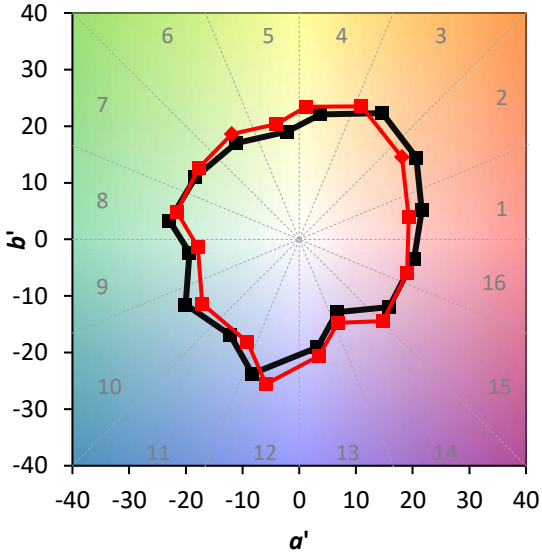
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

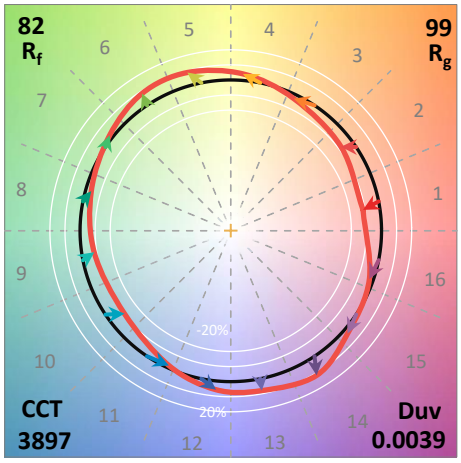
Spectral Power Distribution Comparison

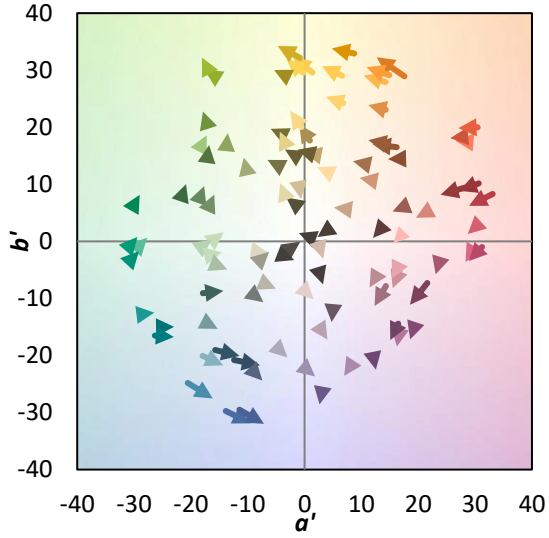


Color Vector Graphics









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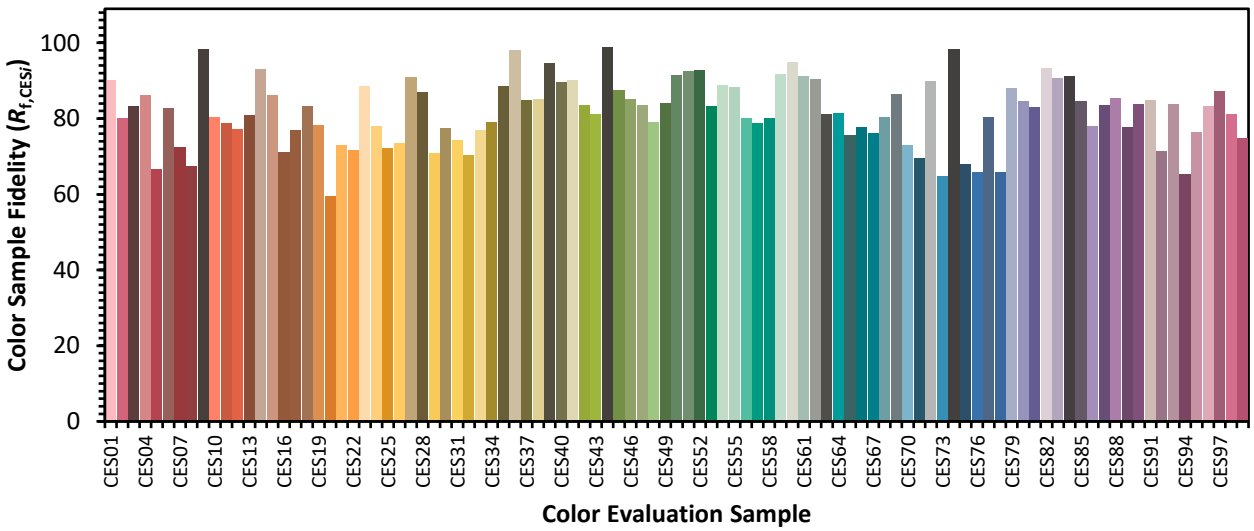
Individual Sample Fidelity Index ($R_{f,i}$)

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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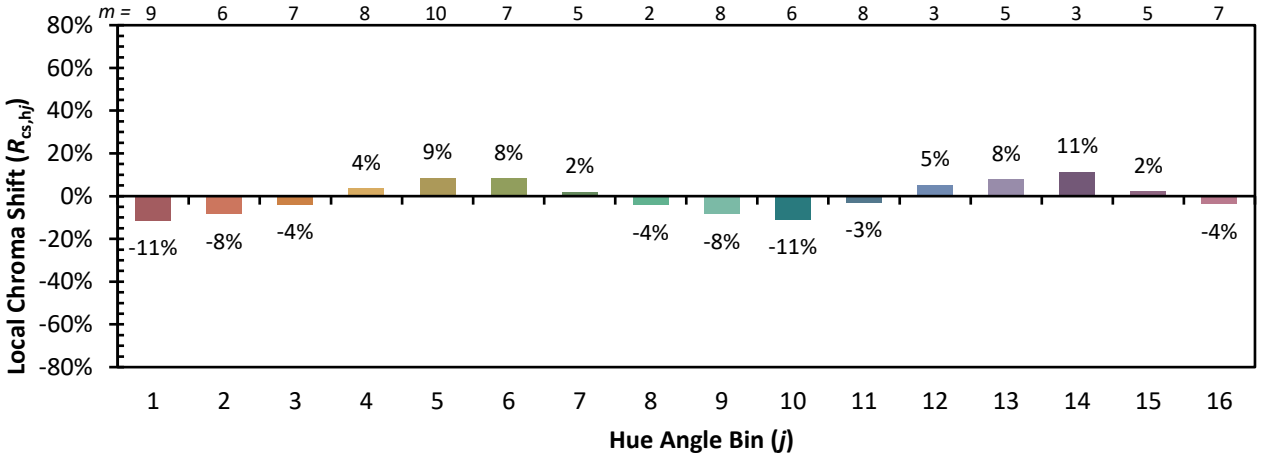
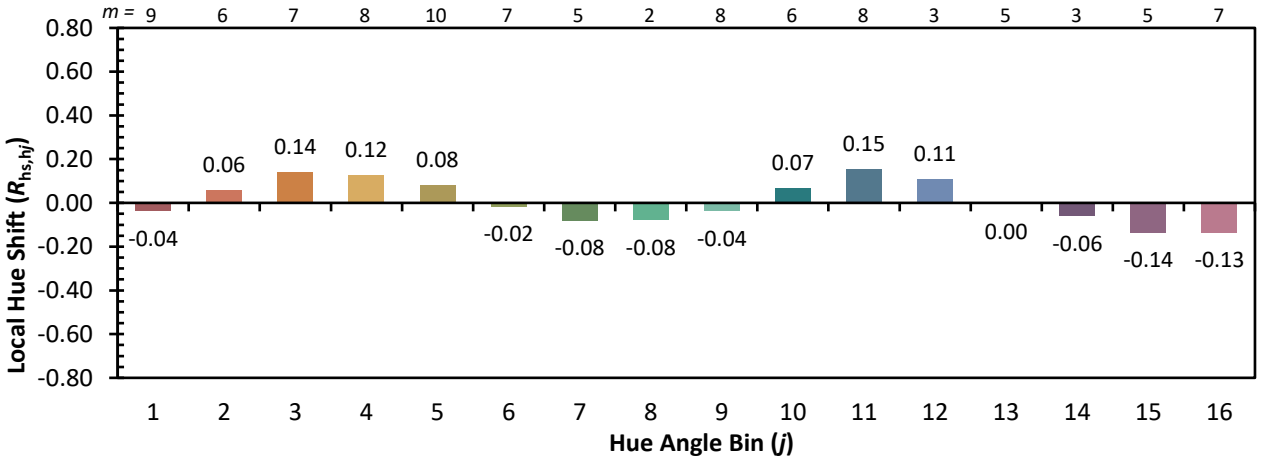
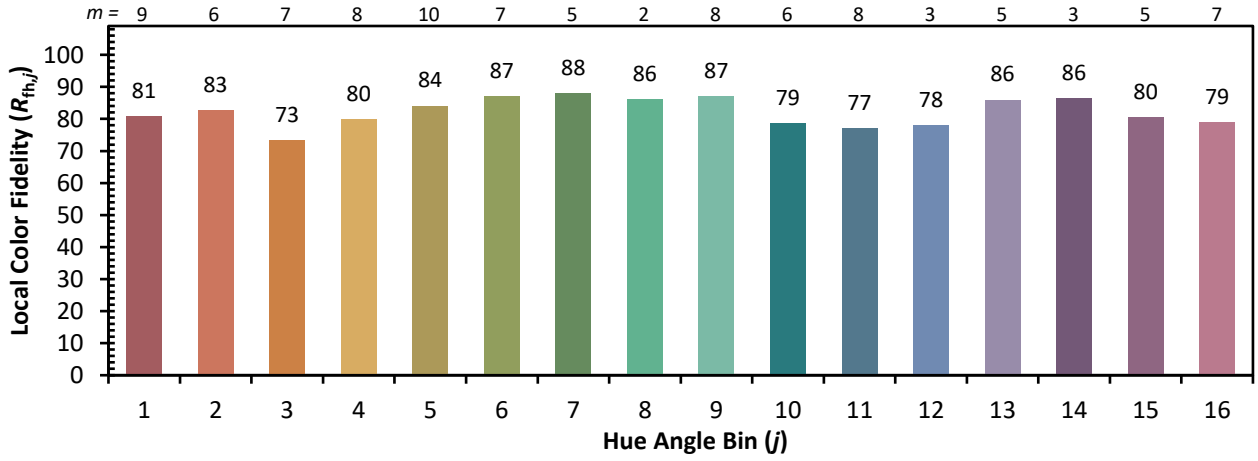
Color Rendition by Hue-Angle Bin







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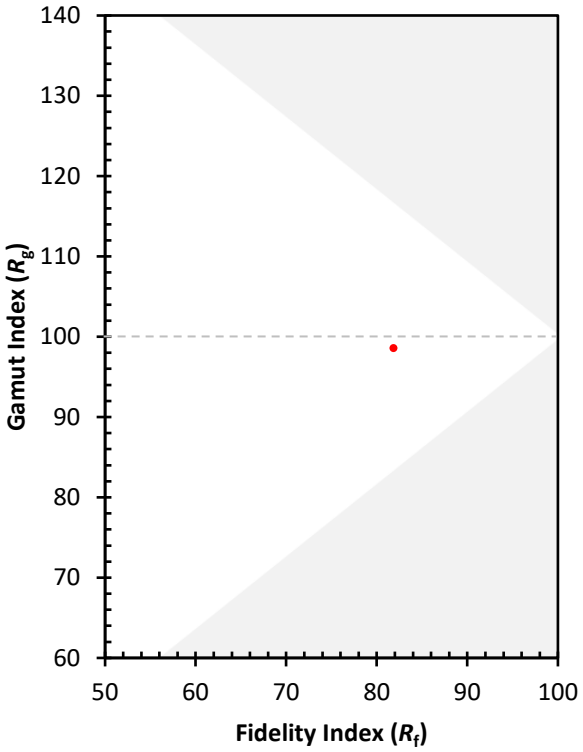
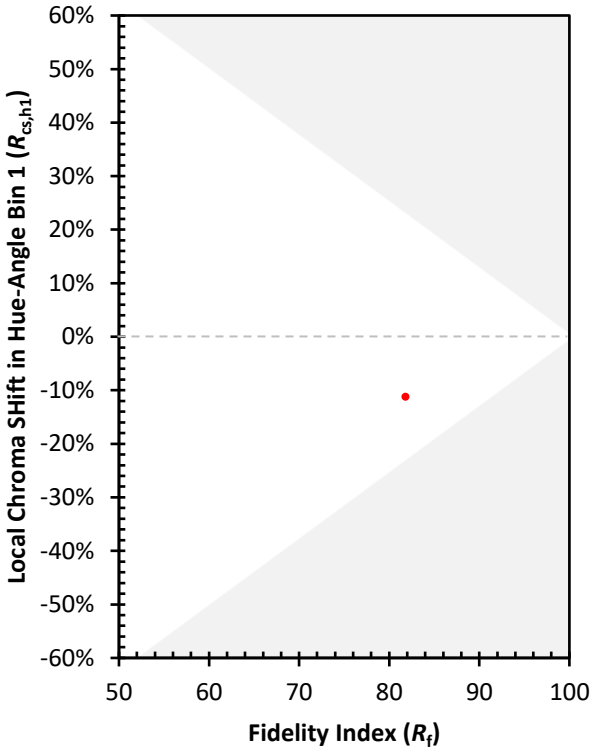
Measure Comparisons





(END OF REPORT)