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: P1457851

Luminaire Tested: GLAN-SB3A-840-U-T2LG-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:	P1457851
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-840-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II 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:	9324 lumens
Efficiency:	N/A
Efficacy:	110.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - 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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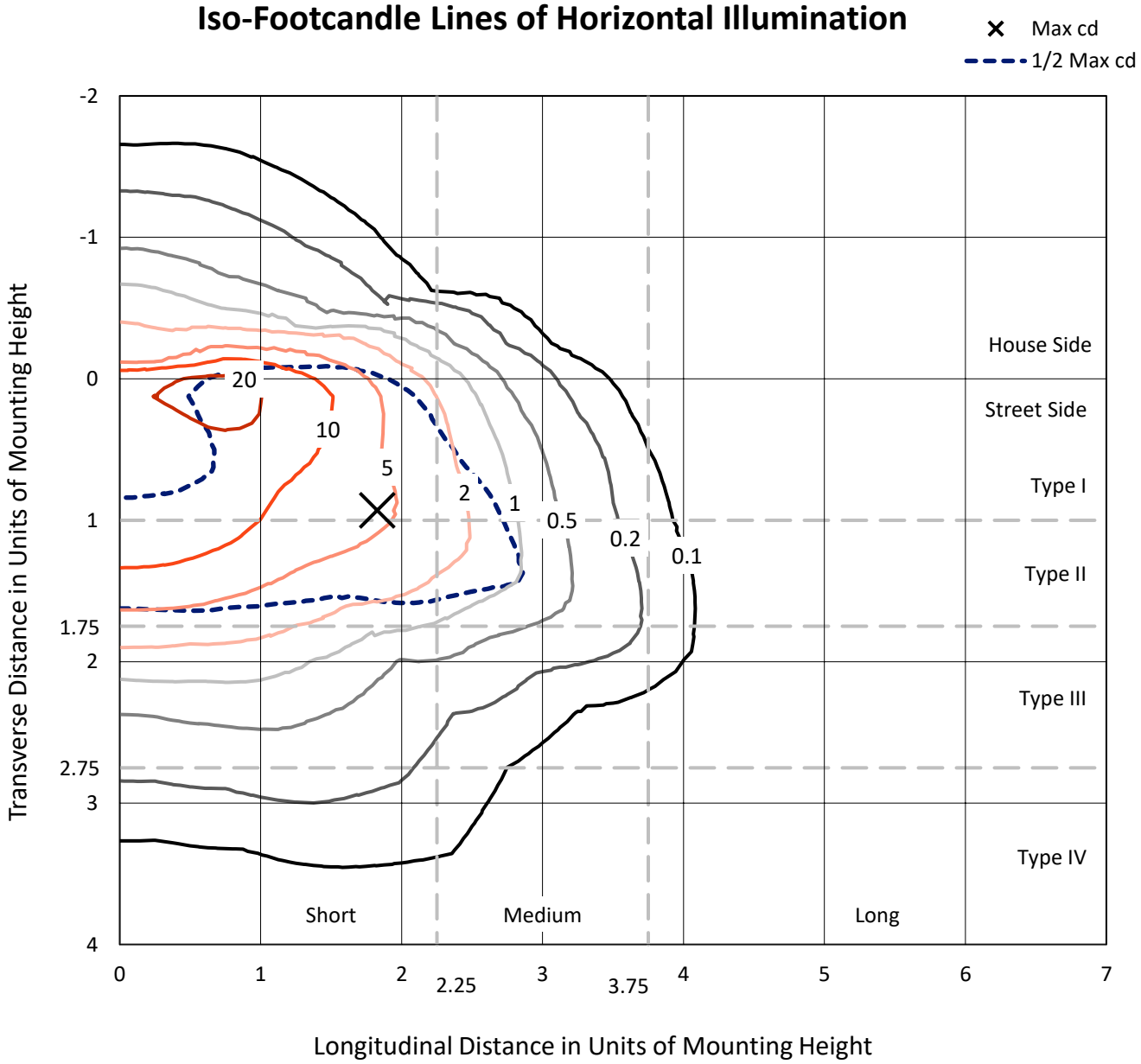
REPORT NUMBER: P1457851
CATALOG NUMBER: GLAN-SB3A-840-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 26.7 fc
Type II - Short - N/A

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REPORT NUMBER: P1457851
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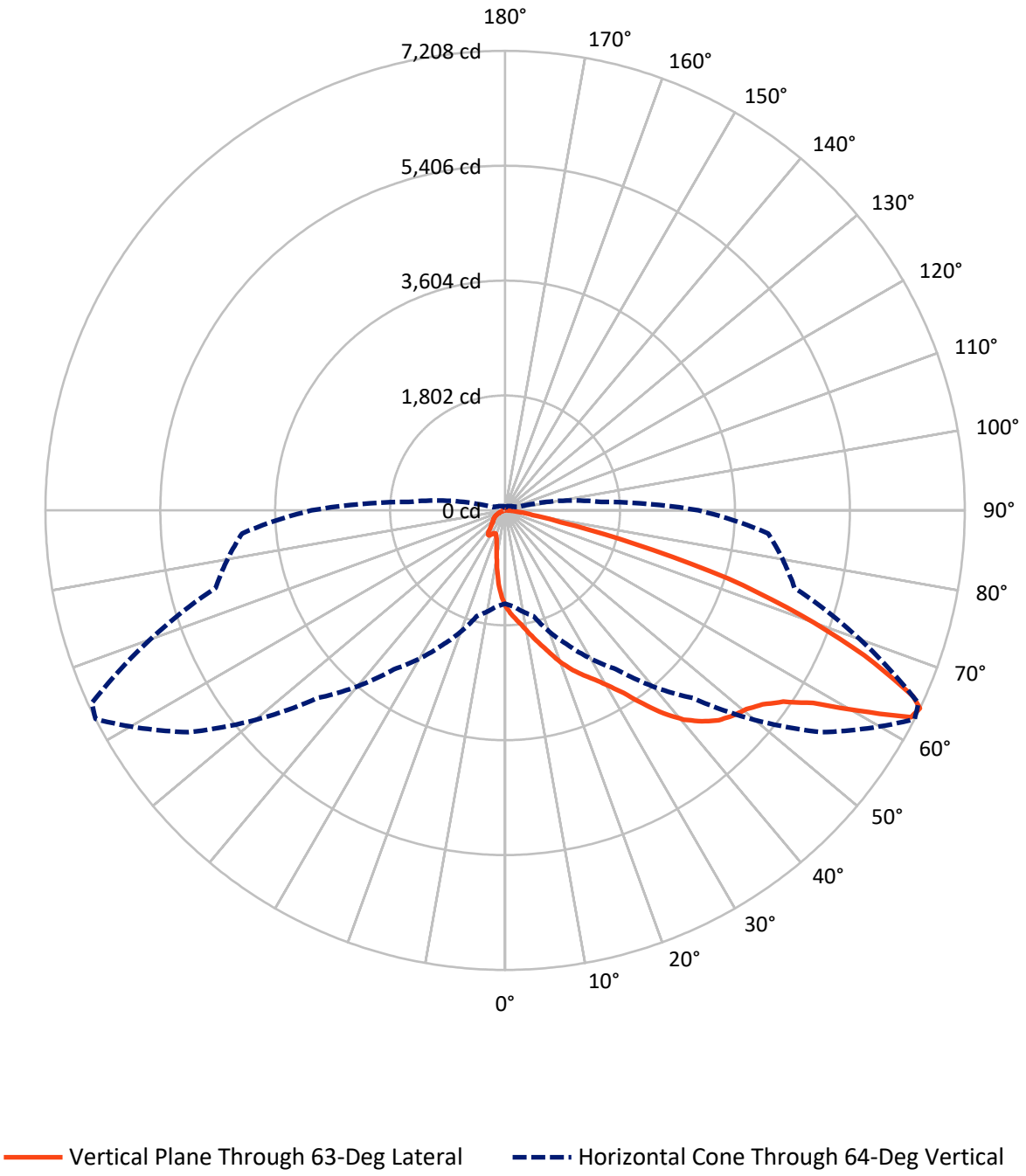
Luminous Intensity Polar Plot



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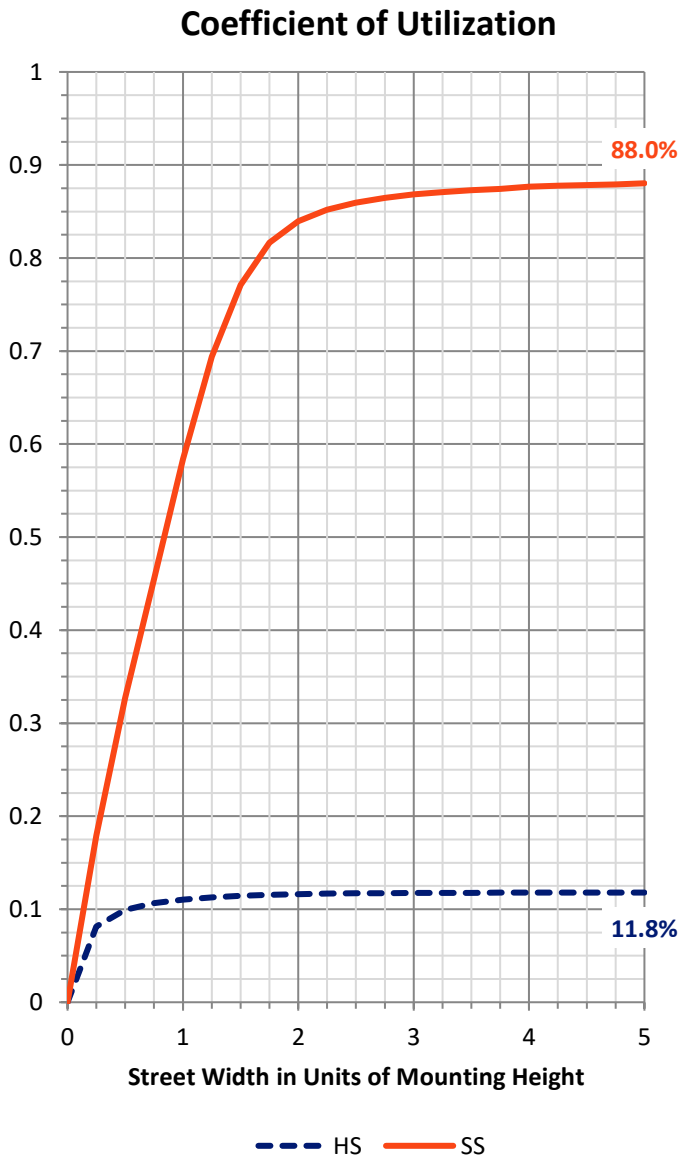
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1106.5	0.0	1106.5
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	8217.5	0.0	8217.5
	% Fixture	88.1	0.0	88.1
Total	Lumens	9324.0	0.0	9324.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.0	1.4
10°-20°	356.8	3.8
20°-30°	635.4	6.8
30°-40°	1213.6	13.0
40°-50°	2011.6	21.6
50°-60°	2507.5	26.9
60°-70°	1869.7	20.1
70°-80°	536.2	5.8
80°-90°	66.3	0.7
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°	9324.0	100.0
0°-180°	9324.0	100.0



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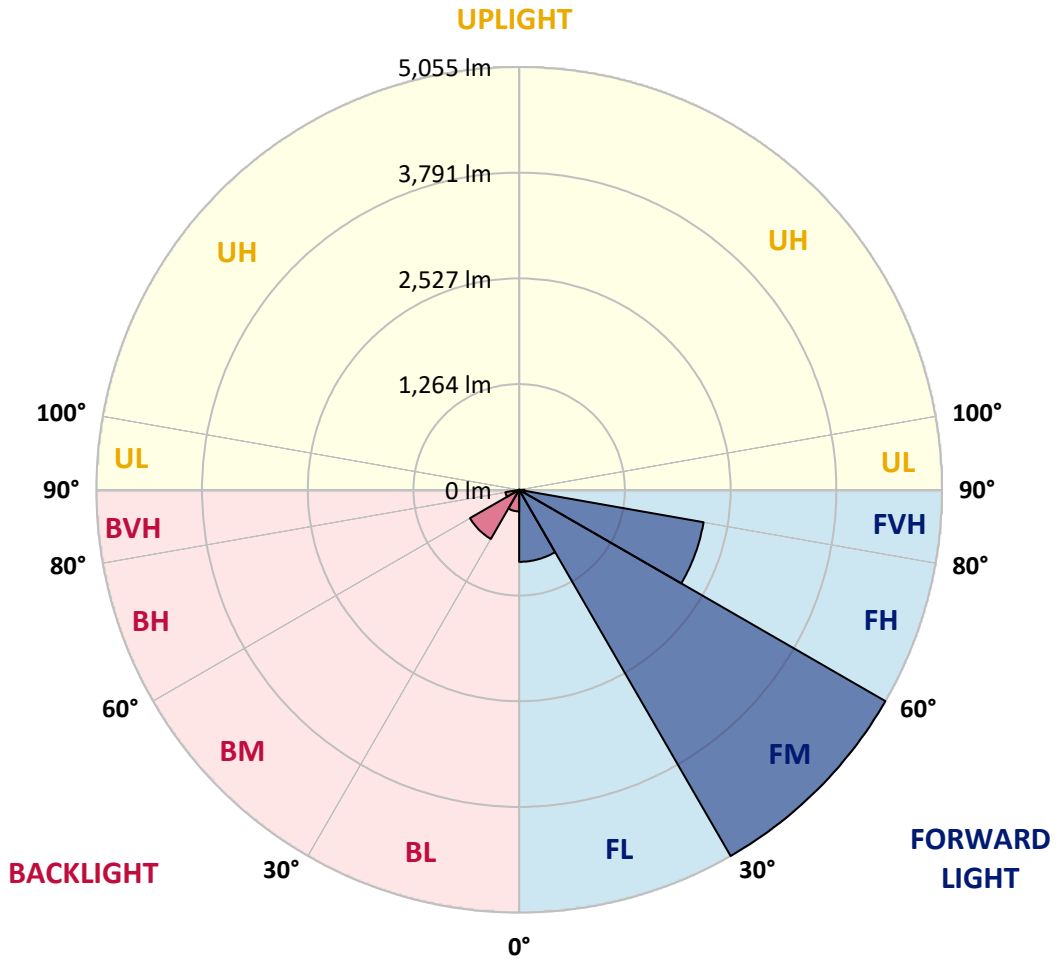
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	861.0	9.2			
FM	(30°-60°)	5054.9	54.2			
FH	(60°-80°)	2238.6	24.0			G2/5000
FVH	(80°-90°)	63.0	0.7			G1/100
BL	(0°-30°)	258.1	2.8	B1/500		
BM	(30°-60°)	677.7	7.3	B1/1000		
BH	(60°-80°)	167.3	1.8	B1/500		G1/500
BVH	(80°-90°)	3.3	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 II Short



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REPORT NUMBER: P1457851
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1507.6	1507.6	1507.6	1507.6	1507.6	1507.6	1507.6	*1507.6*	1507.6	1507.6	1507.6
2.5°	1689.4	1683.8	1678.2	1669.8	1658.6	1647.4	1633.4	*1613.9*	1605.5	1577.5	1543.9
5°	1776.1	1776.1	1773.3	1767.7	1762.1	1750.9	1734.1	*1709.0*	1697.8	1658.6	1599.9
7.5°	1798.5	1801.3	1809.6	1820.8	1837.6	1834.8	1834.8	*1806.9*	1801.3	1759.3	1681.0
10°	1759.3	1762.1	1784.5	1815.2	1865.6	1913.1	1946.7	*1929.9*	1921.5	1879.6	1781.7
12.5°	1703.4	1703.4	1739.7	1787.3	1865.6	1955.1	2053.0	*2069.8*	2072.6	2025.0	1907.5
15°	1557.9	1563.5	1622.3	1717.3	1846.0	1985.9	2150.9	*2215.2*	2232.0	2201.2	2061.4
17.5°	1364.9	1370.5	1429.3	1557.9	1750.9	1985.9	2234.8	*2383.0*	2405.4	2411.0	2257.2
20°	1283.8	1283.8	1317.4	1415.3	1616.7	1932.7	2285.1	*2562.0*	2612.4	2673.9	2472.5
22.5°	1295.0	1295.0	1314.6	1370.5	1532.7	1860.0	2315.9	*2721.5*	2825.0	2981.6	2749.4
25°	1356.5	1356.5	1373.3	1409.7	1541.1	1848.8	2374.6	*2864.1*	3029.1	3325.6	3065.5
27.5°	1454.4	1451.6	1465.6	1502.0	1622.3	1901.9	2472.5	*3006.8*	3191.4	3711.6	3429.1
30°	1597.1	1588.7	1594.3	1636.2	1753.7	2025.0	2615.2	*3188.6*	3376.0	4133.9	3831.9
32.5°	1927.1	1924.3	1843.2	1820.8	1946.7	2223.6	2811.0	*3415.1*	3624.9	4581.5	4245.8
35°	2522.9	2562.0	2447.4	2153.7	2178.9	2489.3	3090.7	*3722.8*	3915.8	5056.9	4696.1
37.5°	3127.0	3127.0	3079.5	2732.7	2556.4	2783.0	3392.7	*4038.8*	4240.2	5440.1	5129.7
40°	3605.3	3630.5	3574.5	3314.4	3085.1	3118.6	3694.8	*4315.7*	4500.3	5675.1	5437.3
42.5°	3960.5	3954.9	3932.6	3761.9	3633.3	3557.8	3968.9	*4522.7*	4698.9	5795.4	5630.3
45°	4343.7	4343.7	4313.0	4173.1	4066.8	4002.5	4173.1	*4696.1*	4880.7	5868.1	5750.6
47.5°	4743.7	4738.1	4707.3	4553.5	4438.8	4343.7	4380.1	*4808.0*	4992.6	5820.5	5770.2
50°	4841.6	4836.0	4905.9	4911.5	4808.0	4626.2	4545.1	*4903.1*	5065.3	5823.3	5831.7
52.5°	4726.9	4760.5	4864.0	4989.8	5107.3	4917.1	4721.3	*5054.2*	5222.0	5901.6	5985.5
55°	4441.6	4455.6	4654.2	4855.6	5129.7	5196.8	5003.8	*5294.7*	5442.9	5977.2	6122.6
57.5°	3910.2	3963.3	4175.9	4525.5	4942.3	5222.0	5496.1	*5697.5*	5809.3	6007.9	6047.1
60°	2950.8	2978.8	3440.3	3893.4	4553.5	5020.6	5954.8	*6379.9*	6365.9	5661.1	5518.5
62.5°	1795.7	1820.8	2150.9	2869.7	3700.4	4601.0	6108.6	*7143.5*	7068.0	5076.5	4645.8
64°	*1462.8*	*1510.4*	*1714.6*	*2329.9*	*3043.1*	*4161.9*	*6063.9*	*7207.8*	*7149.1*	*4698.9*	*4139.5*
65°	1250.3	1314.6	1524.4	2022.2	2587.2	3689.2	5940.8	*7028.8*	6989.7	4469.6	3720.0
67.5°	786.0	816.7	1127.2	1571.9	1781.7	2360.7	5107.3	*6077.8*	6147.8	3982.9	2743.8
70°	584.6	598.6	774.8	1216.7	1390.1	1373.3	3507.4	*4922.7*	4939.5	3185.8	1655.8
72.5°	425.1	427.9	542.6	900.6	1088.0	937.0	1848.8	*3658.5*	3538.2	1865.6	903.4
75°	282.5	293.7	380.4	634.9	847.5	688.1	841.9	*2083.8*	2047.4	911.8	517.4
77.5°	207.0	209.8	257.3	425.1	665.7	506.3	509.1	*897.8*	925.8	542.6	327.2
80°	117.5	123.1	167.8	260.1	433.5	346.8	285.3	*433.5*	497.9	369.2	218.2
82.5°	69.9	75.5	120.3	170.6	296.5	142.6	145.4	*237.7*	296.5	265.7	117.5
85°	42.0	44.8	75.5	92.3	176.2	95.1	53.1	*117.5*	153.8	156.6	64.3
87.5°	28.0	28.0	42.0	39.2	50.3	44.8	22.4	*30.8*	39.2	53.1	25.2
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: P1457851
CATALOG NUMBER: GLAN-SB3A-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1507.6	1507.6	1507.6	1507.6	1507.6	1507.6	1507.6	1507.6	1507.6	1507.6	1507.6
2.5°	1516.0	1499.2	1448.8	1381.7	1320.2	1272.6	1213.9	1174.7	1138.4	1138.4	1107.6
5°	1552.3	1507.6	1384.5	1230.7	1065.7	909.0	808.3	696.4	660.1	629.3	634.9
7.5°	1613.9	1532.7	1314.6	1037.7	774.8	606.9	495.1	444.7	422.3	408.4	411.2
10°	1689.4	1577.5	1230.7	841.9	570.6	444.7	391.6	372.0	363.6	360.8	360.8
12.5°	1792.9	1630.6	1146.8	676.9	450.3	383.2	355.2	344.0	335.6	330.0	330.0
15°	1915.9	1697.8	1048.9	556.6	394.4	352.4	330.0	318.9	307.7	304.9	304.9
17.5°	2072.6	1767.7	962.2	478.3	366.4	330.0	307.7	293.7	285.3	282.5	282.5
20°	2246.0	1854.4	875.5	433.5	346.8	307.7	285.3	274.1	265.7	260.1	262.9
22.5°	2466.9	1963.5	819.5	411.2	330.0	288.1	265.7	254.5	246.1	240.5	243.3
25°	2710.3	2100.5	788.7	411.2	318.9	274.1	248.9	237.7	229.4	223.8	223.8
27.5°	3006.8	2254.4	791.5	427.9	316.1	262.9	234.9	223.8	215.4	207.0	207.0
30°	3334.0	2436.2	822.3	458.7	321.7	251.7	223.8	207.0	201.4	193.0	193.0
32.5°	3680.8	2645.9	900.6	497.9	316.1	237.7	207.0	193.0	184.6	179.0	179.0
35°	4047.2	2883.7	998.5	514.6	288.1	218.2	193.0	179.0	173.4	170.6	167.8
37.5°	4396.9	3090.7	1051.7	481.1	251.7	201.4	176.2	162.2	159.4	153.8	153.8
40°	4668.2	3261.3	1020.9	411.2	232.1	184.6	162.2	148.2	142.6	137.1	137.1
42.5°	4827.6	3322.8	909.0	349.6	218.2	167.8	148.2	134.3	128.7	125.9	125.9
45°	4919.9	3314.4	777.6	313.3	204.2	153.8	134.3	125.9	117.5	114.7	111.9
47.5°	4917.1	3227.7	682.5	282.5	190.2	142.6	125.9	117.5	109.1	106.3	106.3
50°	4897.5	3099.1	576.2	260.1	179.0	134.3	117.5	111.9	103.5	100.7	97.9
52.5°	4945.1	3026.3	481.1	246.1	165.0	128.7	114.7	106.3	95.1	92.3	92.3
55°	5003.8	2984.4	386.0	232.1	153.8	125.9	109.1	100.7	89.5	86.7	86.7
57.5°	4833.2	2825.0	318.9	209.8	139.8	120.3	103.5	97.9	86.7	78.3	78.3
60°	4296.2	2335.5	262.9	184.6	128.7	111.9	97.9	89.5	78.3	67.1	67.1
62.5°	3493.4	1781.7	218.2	156.6	120.3	103.5	89.5	81.1	67.1	53.1	53.1
64°	*3034.7*	*1513.2*	*195.8*	*137.1*	*114.7*	*95.1*	*81.1*	*72.7*	*58.7*	*44.8*	*42.0*
65°	2721.5	1337.0	181.8	128.7	111.9	89.5	78.3	69.9	53.1	42.0	39.2
67.5°	1915.9	897.8	145.4	106.3	97.9	75.5	67.1	58.7	47.5	36.4	33.6
70°	1116.0	509.1	114.7	89.5	75.5	58.7	55.9	53.1	42.0	28.0	28.0
72.5°	606.9	254.5	86.7	72.7	58.7	42.0	47.5	42.0	33.6	22.4	19.6
75°	372.0	156.6	64.3	53.1	39.2	30.8	36.4	30.8	19.6	14.0	11.2
77.5°	248.9	100.7	47.5	36.4	25.2	19.6	25.2	16.8	8.4	2.8	2.8
80°	153.8	69.9	30.8	22.4	14.0	8.4	5.6	2.8	2.8	0.0	0.0
82.5°	67.1	44.8	16.8	11.2	5.6	2.8	2.8	0.0	0.0	0.0	0.0
85°	36.4	14.0	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.2	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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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

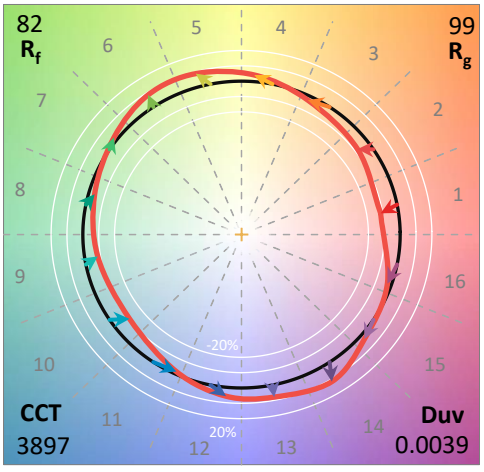
Test Information

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

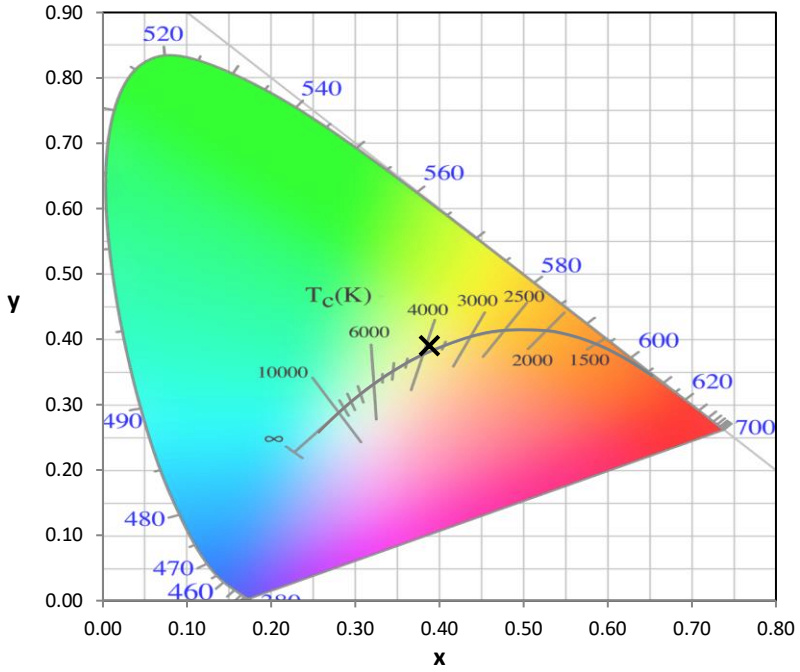
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

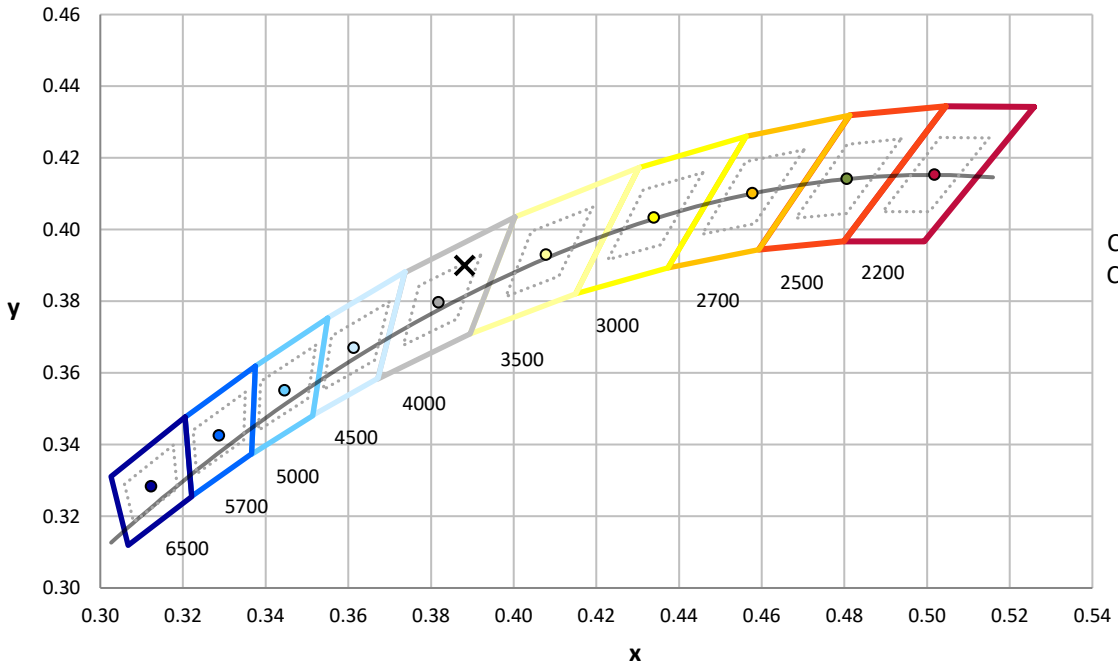
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

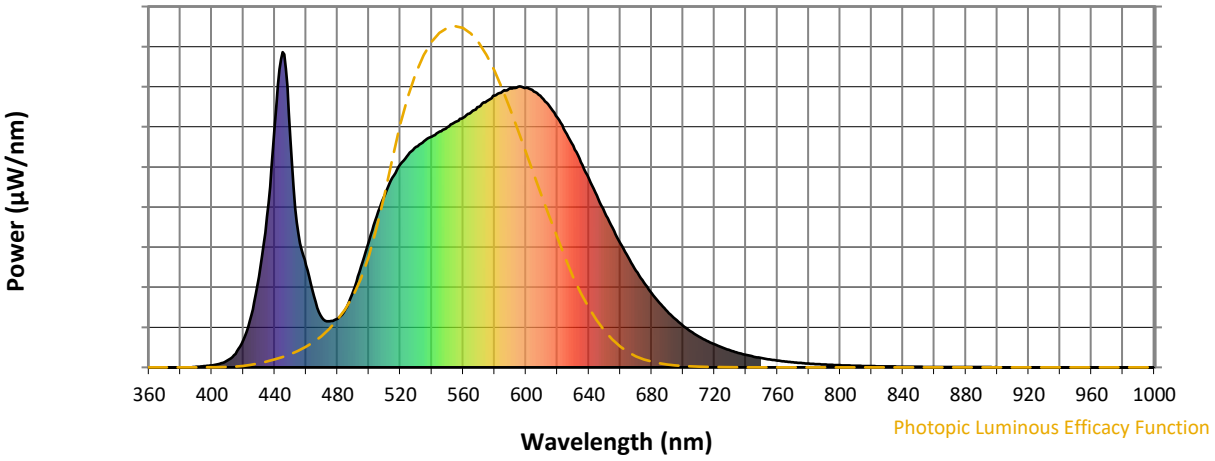


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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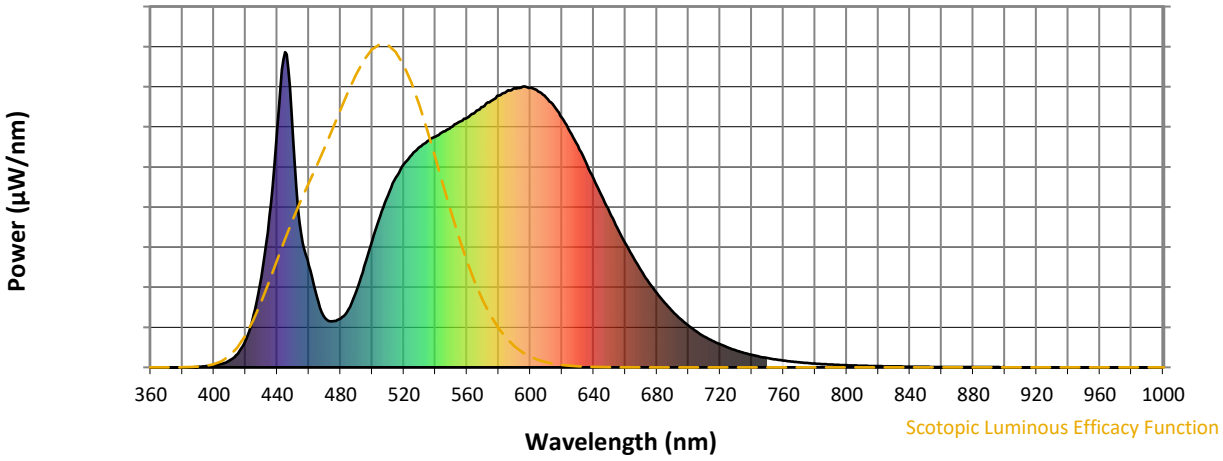
Scotopic Flux vs. Wavelength



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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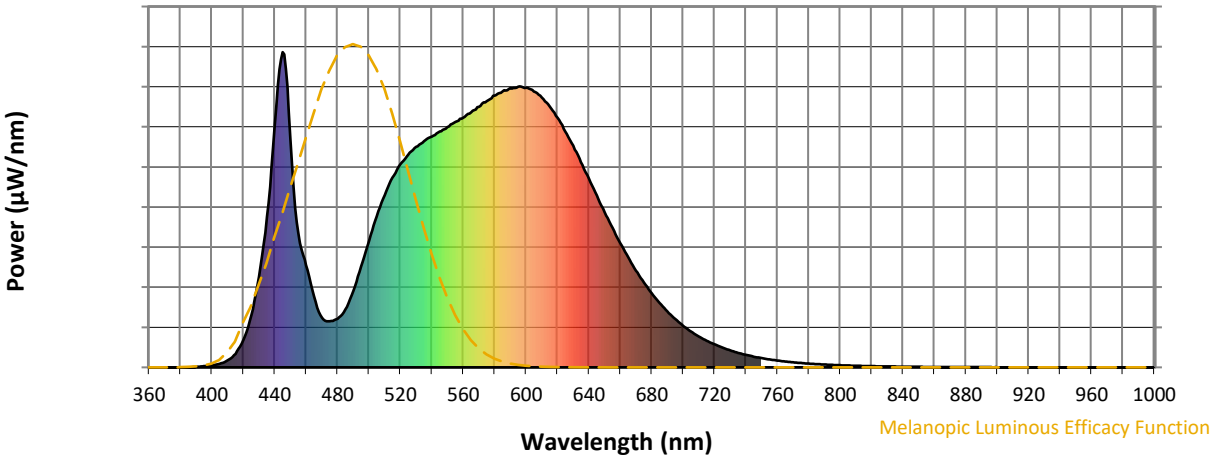
Melanopic Flux vs. Wavelength



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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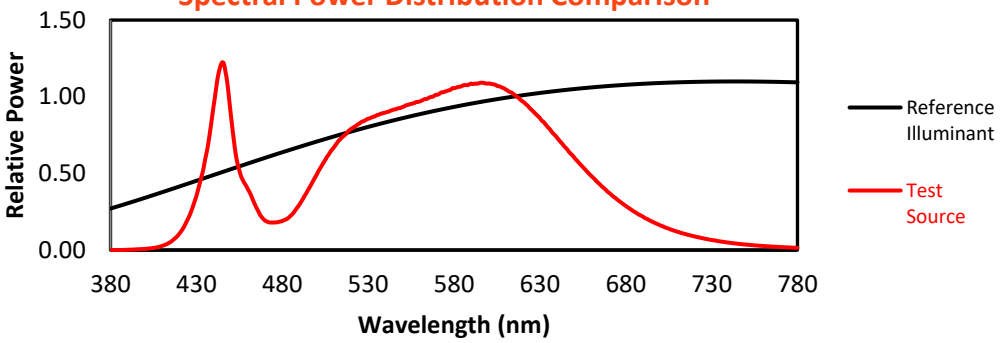
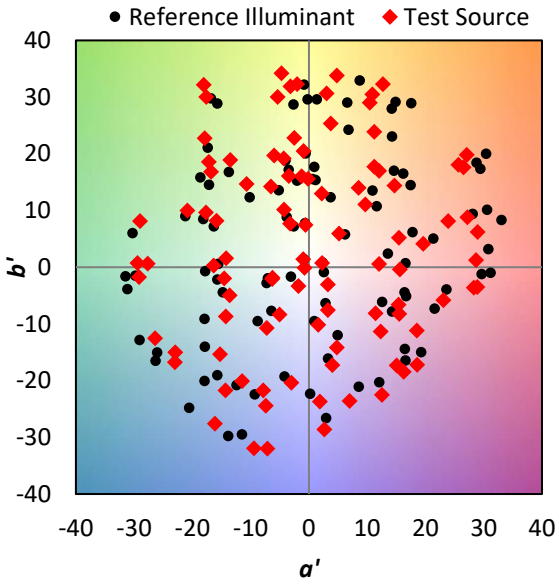
Summary

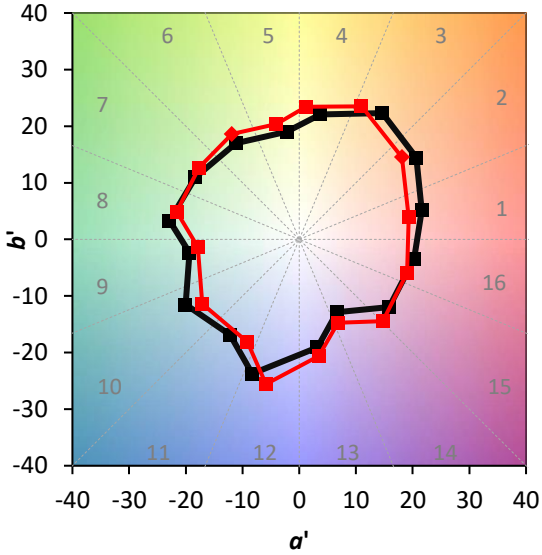
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

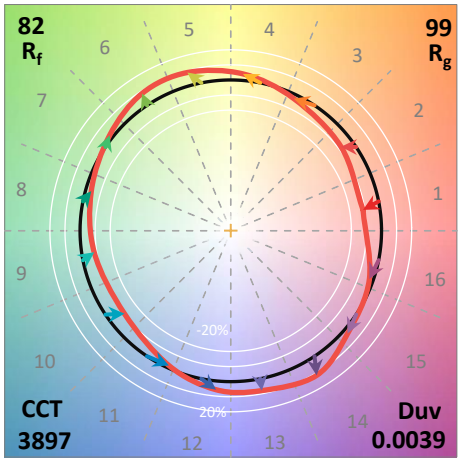
Spectral Power Distribution Comparison

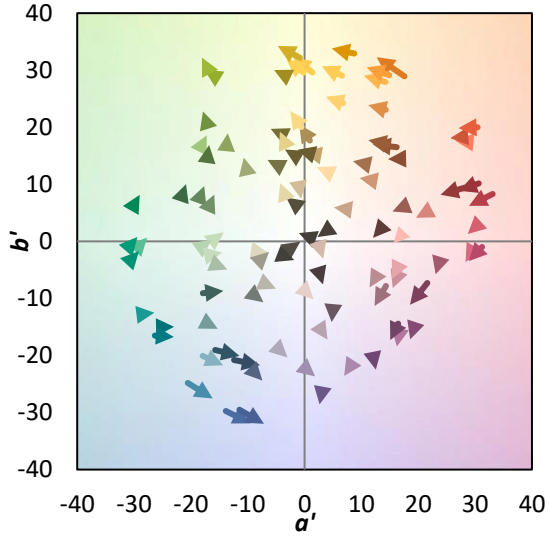


Color Vector Graphics









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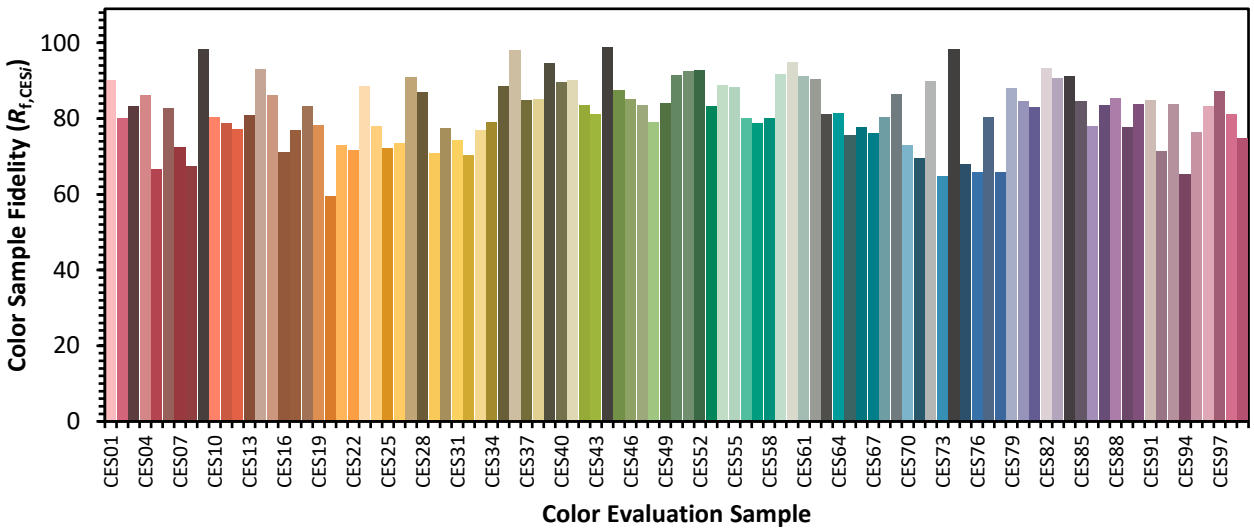
Individual Sample Fidelity Index ($R_{f,i}$)

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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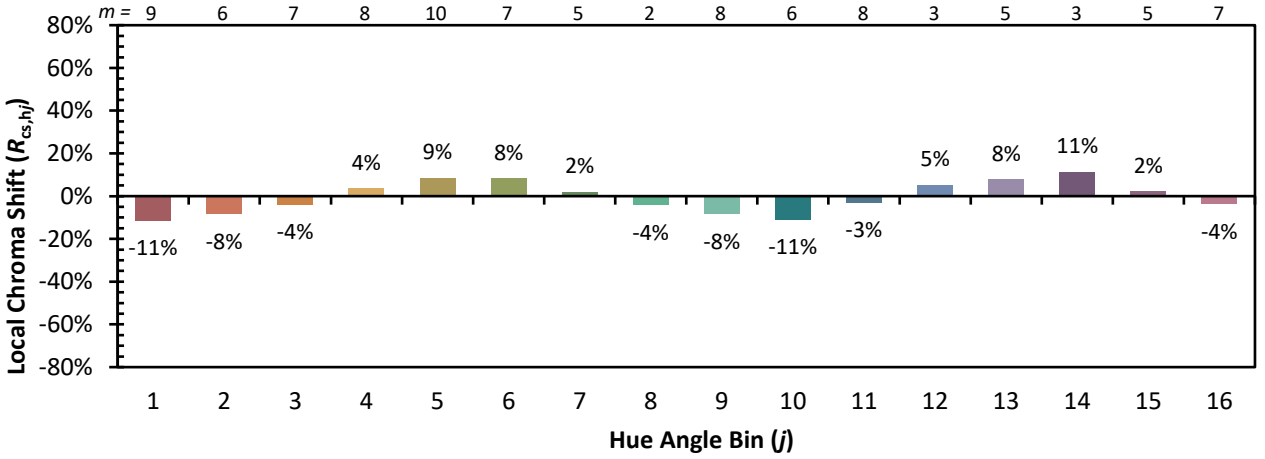
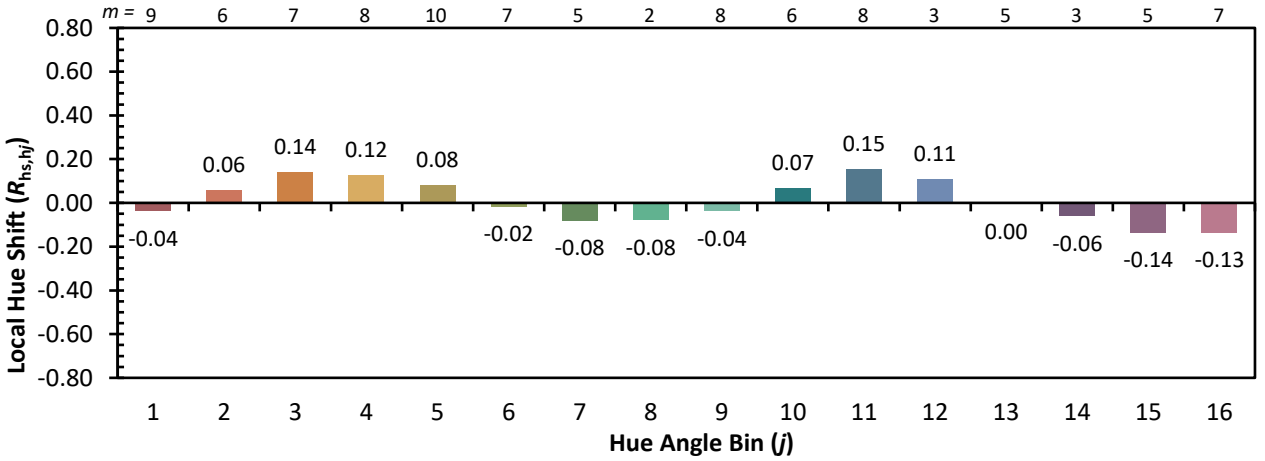
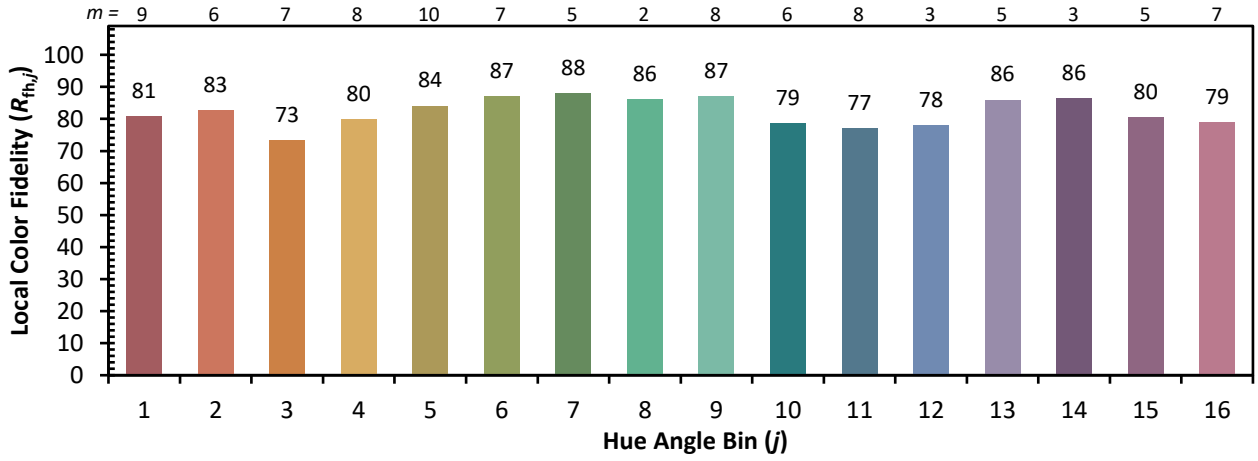
Color Rendition by Hue-Angle Bin







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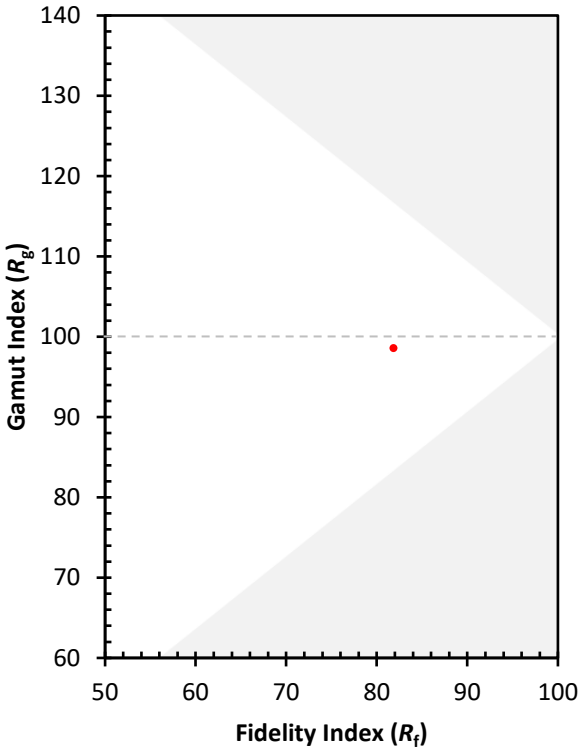
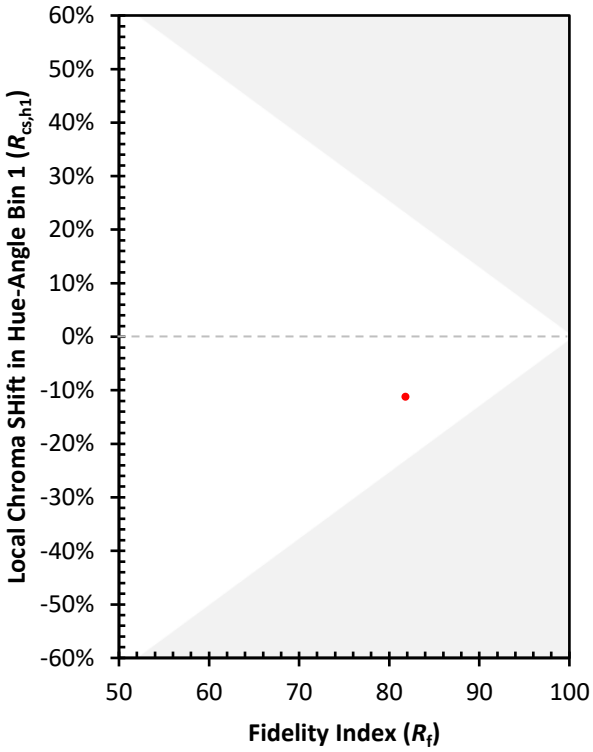
Measure Comparisons





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