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: P1458445

Luminaire Tested: GLAN-SB7C-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:	P1458445
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7C-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 7xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(182) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	38932.9 lumens
Efficiency:	N/A
Efficacy:	111.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	350.5
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: P1458445
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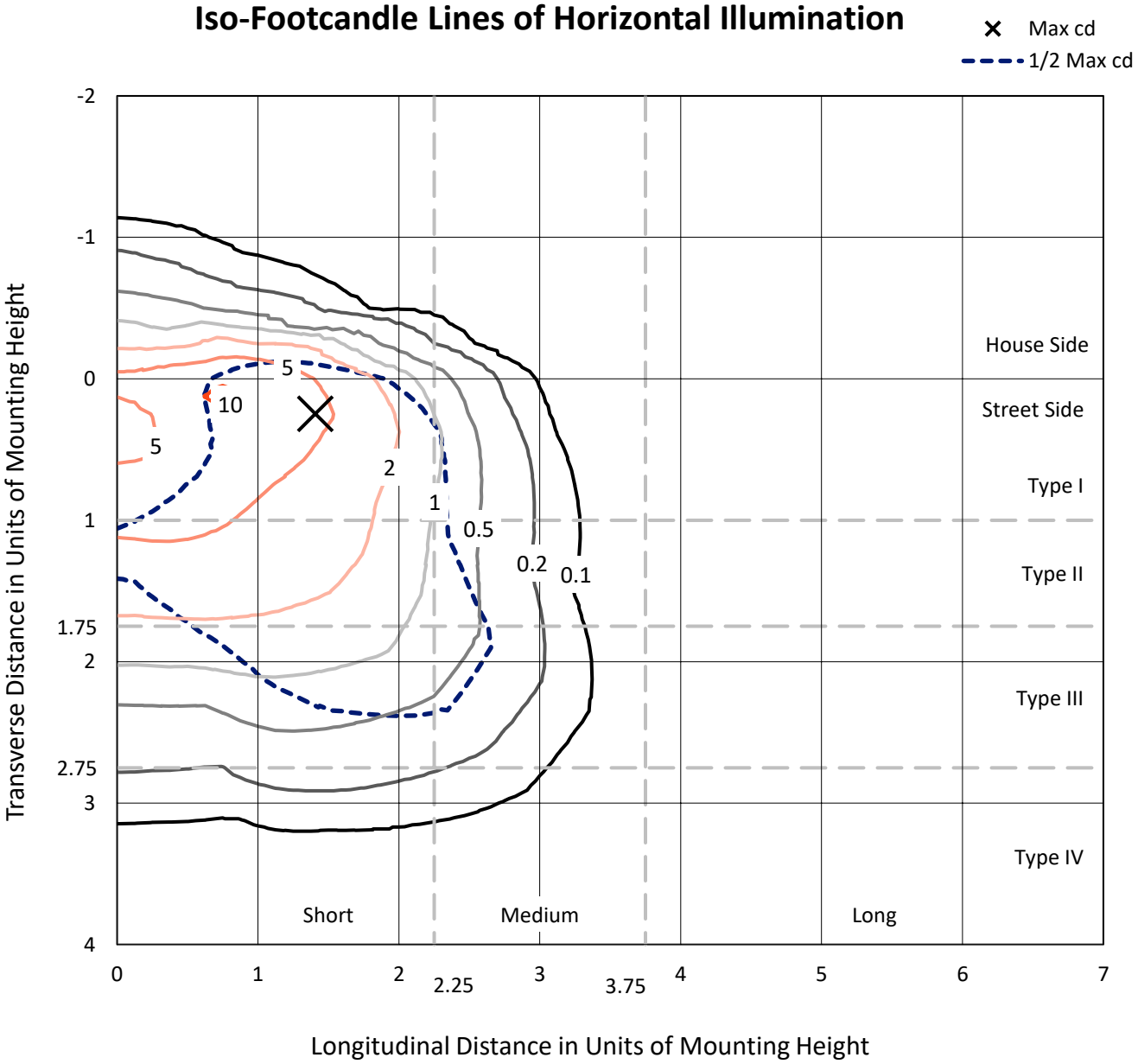
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 10.7 fc
Type III - Short - N/A

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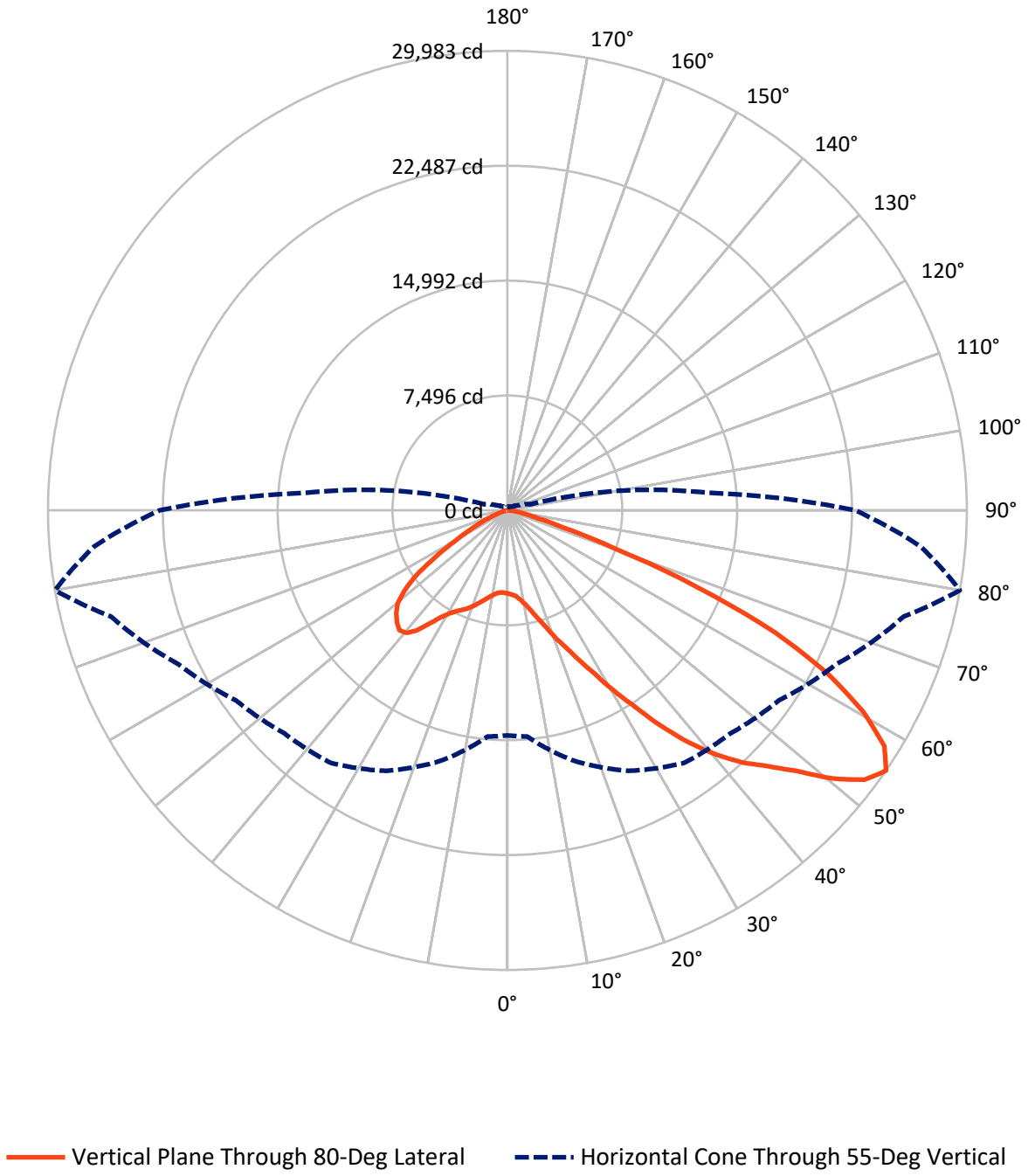
Luminous Intensity Polar Plot



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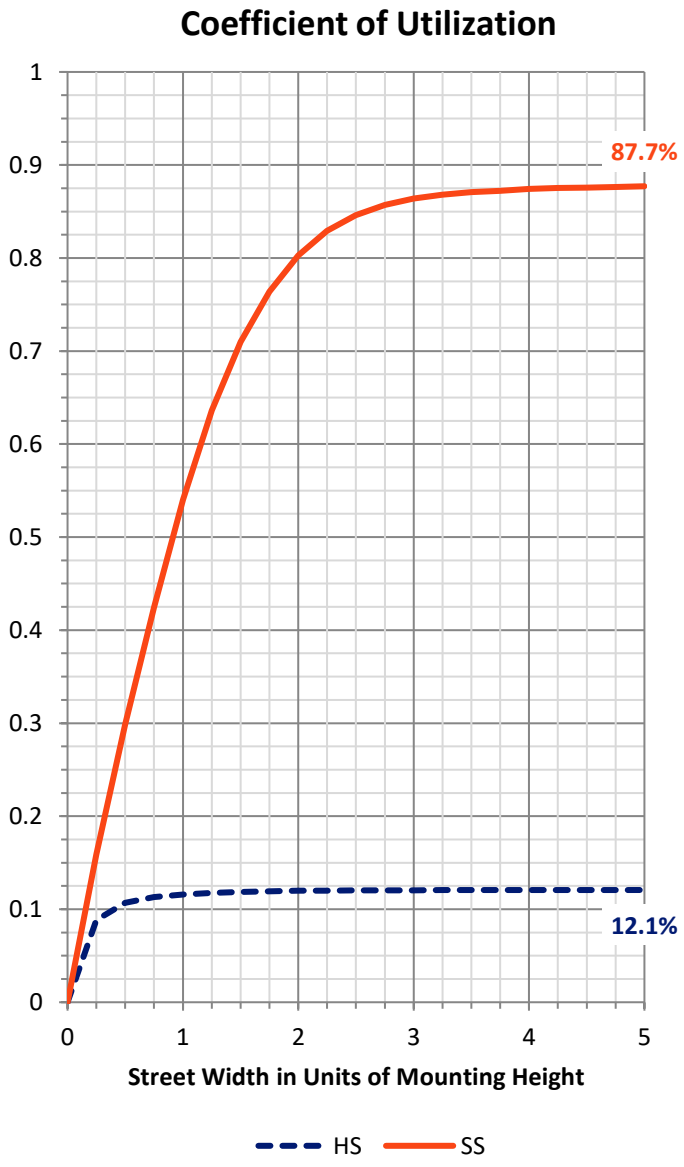
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4732.7	0.0	4732.7
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	34200.1	0.0	34200.1
	% Fixture	87.8	0.0	87.8
Total	Lumens	38932.9	0.0	38932.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	455.1	1.2
10°-20°	1199.9	3.1
20°-30°	2349.0	6.0
30°-40°	4778.9	12.3
40°-50°	8056.5	20.7
50°-60°	10293.8	26.4
60°-70°	8788.5	22.6
70°-80°	2808.4	7.2
80°-90°	202.8	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°	38932.9	100.0
0°-180°	38932.9	100.0



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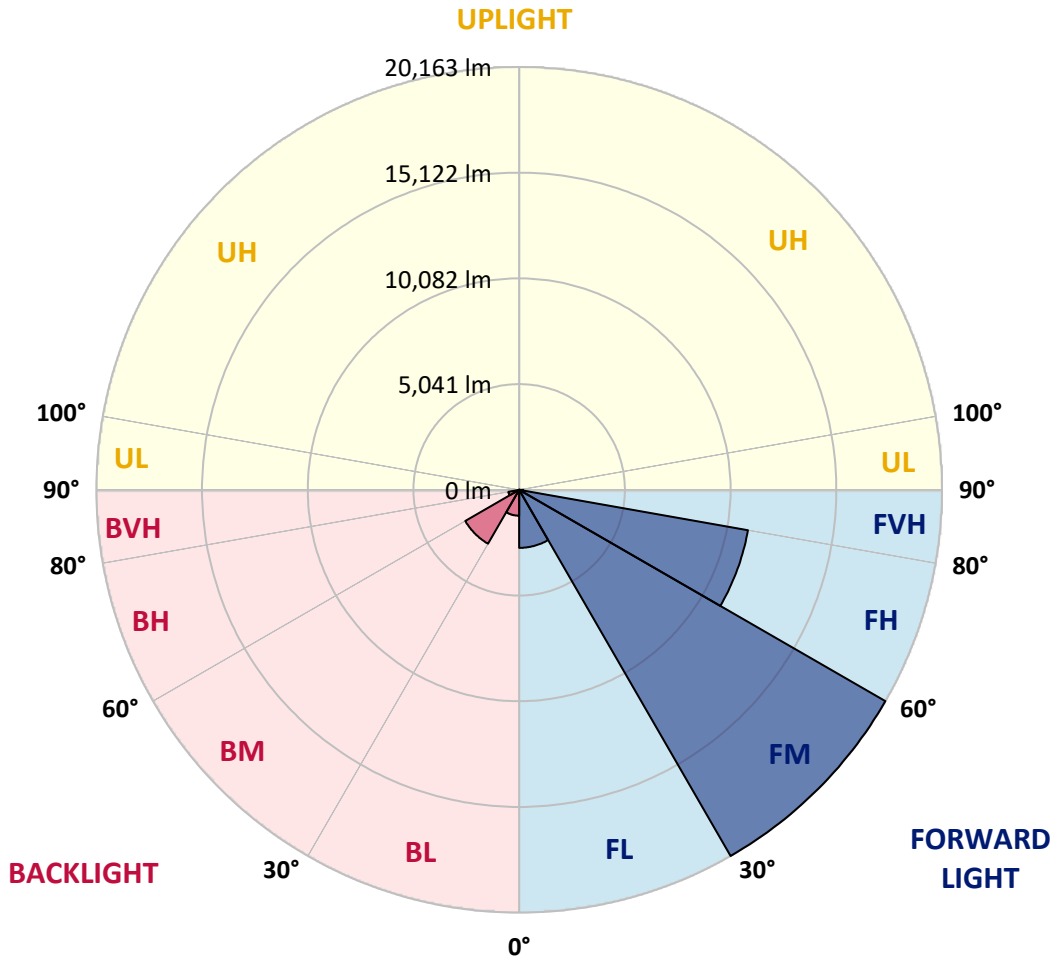
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2768.2	7.1			
FM	(30°-60°)	20163.0	51.8			
FH	(60°-80°)	11076.7	28.5			G4/12000
FVH	(80°-90°)	192.2	0.5			G2/225
BL	(0°-30°)	1235.8	3.2	B3/2500		
BM	(30°-60°)	2966.1	7.6	B3/5000		
BH	(60°-80°)	520.2	1.3	B2/1000		G2/1000
BVH	(80°-90°)	10.6	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type III Short



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REPORT NUMBER: P1458445
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	5423.3	5423.3	5423.3	5423.3	5423.3	5423.3	5423.3	5423.3	5423.3	*5423.3*	5423.3
2.5°	5456.5	5467.6	5456.5	5467.6	5489.7	5478.6	5522.9	5511.8	5511.8	*5500.8*	5456.5
5°	5146.6	5157.7	5179.8	5235.1	5312.6	5390.1	5489.7	5556.1	5622.5	*5611.4*	5567.2
7.5°	4537.9	4560.0	4648.5	4759.2	5013.8	5246.2	5500.8	5666.8	5810.7	*5854.9*	5821.7
10°	4194.7	4216.9	4272.2	4382.9	4615.3	5002.7	5500.8	5843.9	6098.4	*6187.0*	6198.0
12.5°	4161.5	4172.6	4216.9	4338.6	4537.9	4869.9	5489.7	6076.3	6507.9	*6640.8*	6685.0
15°	4183.7	4205.8	4250.1	4349.7	4582.1	4958.4	5578.2	6441.5	7050.3	*7238.4*	7249.5
17.5°	4272.2	4294.4	4349.7	4460.4	4714.9	5190.9	5854.9	6817.8	7703.3	*7913.6*	8035.3
20°	4449.3	4460.4	4526.8	4670.7	4958.4	5478.6	6264.4	7327.0	8489.1	*8799.0*	8887.5
22.5°	4681.7	4714.9	4803.5	4980.6	5345.8	5877.1	6828.9	7946.8	9352.4	*9673.4*	9828.3
25°	4936.3	4980.6	5113.4	5401.1	5866.0	6485.8	7526.2	8765.8	10370.7	*10758.0*	10968.3
27.5°	5456.5	5467.6	5556.1	5921.3	6519.0	7282.7	8411.6	9817.3	11566.0	*12019.8*	12252.2
30°	6596.5	6607.6	6530.1	6629.7	7238.4	8223.5	9452.0	11045.8	12960.5	*13591.4*	13779.6
32.5°	7991.0	8046.4	8035.3	7968.9	8245.6	9164.2	10691.6	12517.8	14598.6	*15262.7*	15439.8
35°	9573.8	9706.6	9673.4	9651.2	9684.4	10370.7	12108.3	14144.8	16458.0	*17266.0*	17409.9
37.5°	11123.3	11156.5	11311.4	11499.6	11521.7	11997.6	13746.4	15871.4	18184.6	*19213.9*	19435.3
40°	12318.6	12429.3	12816.7	13193.0	13580.3	13956.7	15096.7	17266.0	19557.0	*20940.5*	21040.1
42.5°	13248.3	13513.9	14078.4	14665.0	15450.8	15871.4	16380.5	18251.0	20674.9	*22479.0*	22434.7
45°	14377.2	14487.9	15284.8	16059.6	16856.5	17498.4	17487.3	19081.1	21549.3	*23796.0*	23519.4
47.5°	15140.9	15273.7	16358.4	17266.0	18085.0	18406.0	18472.4	19977.6	22755.7	*25389.8*	24736.8
50°	15550.4	15782.9	16967.1	18118.2	19003.6	19103.2	19402.1	21150.8	24338.4	*27503.8*	26275.3
52.5°	15594.7	15816.1	17177.4	18660.5	19623.4	19822.7	20331.8	22479.0	25876.8	*29197.2*	27160.7
55°	*14676.1*	*14808.9*	*16922.9*	*18749.1*	*20110.4*	*20575.3*	*21615.7*	*23707.5*	*26773.3*	*29983.0*	*27083.2*
57.5°	13812.8	13945.6	15782.9	18594.1	20608.5	21560.3	22988.1	24548.7	26076.0	*29009.0*	25356.6
60°	13071.2	13137.6	14808.9	17874.7	20796.6	22523.2	24172.4	23718.6	24272.0	*26673.7*	22401.5
62.5°	11676.7	11720.9	13702.1	16579.8	20420.3	23264.8	24581.9	21958.8	22290.8	*23452.9*	18926.2
65°	8821.1	8987.2	10802.3	15605.8	19800.5	23607.9	23630.0	19811.6	19468.5	*19191.8*	14886.4
67.5°	5987.8	6175.9	7271.6	14034.1	18793.3	23751.8	21781.7	17033.5	14831.0	*13403.3*	9750.8
70°	4781.3	4781.3	5157.7	11278.2	16402.7	21914.5	19490.6	12860.9	9418.8	*7404.4*	5224.1
72.5°	3143.3	3154.4	3508.5	7161.0	11632.4	16712.6	15893.5	7437.6	4892.0	*3774.2*	2578.8
75°	1140.0	1140.0	1538.4	2866.6	6153.8	9950.1	9684.4	3552.8	2656.3	*2058.6*	1560.6
77.5°	608.7	630.9	741.6	1184.3	2357.5	4050.9	3785.2	1815.1	1505.2	*1283.9*	974.0
80°	409.5	420.6	498.1	730.5	1140.0	1560.6	1217.5	1018.2	1018.2	*863.3*	653.0
82.5°	221.4	232.4	332.0	475.9	608.7	730.5	586.6	597.7	719.4	*586.6*	376.3
85°	155.0	155.0	254.6	343.1	343.1	354.2	254.6	376.3	420.6	*365.2*	254.6
87.5°	88.5	88.5	143.9	166.0	166.0	155.0	77.5	132.8	166.0	*188.2*	110.7
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: P1458445
CATALOG NUMBER: GLAN-SB7C-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5423.3	5423.3	5423.3	5423.3	5423.3	5423.3	5423.3	5423.3	5423.3	5423.3	5423.3
2.5°	5445.4	5412.2	5345.8	5213.0	5146.6	5058.0	4980.6	4881.0	4858.8	4847.8	4803.5
5°	5534.0	5467.6	5268.3	4980.6	4737.1	4504.6	4272.2	4139.4	4028.7	3973.4	3962.3
7.5°	5755.3	5622.5	5257.3	4748.1	4294.4	3895.9	3552.8	3254.0	3099.0	2966.2	2977.3
10°	6087.4	5877.1	5279.4	4526.8	3851.6	3209.7	2711.6	2280.0	1970.1	1826.2	1815.1
12.5°	6530.1	6231.2	5356.9	4305.4	3309.3	2412.8	1781.9	1527.4	1461.0	1449.9	1438.8
15°	7072.4	6651.8	5434.4	4017.7	2578.8	1671.3	1449.9	1394.6	1383.5	1372.4	1372.4
17.5°	7725.4	7138.8	5478.6	3530.7	1881.5	1438.8	1361.4	1328.2	1317.1	1306.0	1306.0
20°	8544.4	7681.1	5534.0	2910.9	1593.8	1383.5	1294.9	1250.7	1239.6	1239.6	1228.5
22.5°	9352.4	8289.9	5489.7	2368.5	1538.4	1317.1	1217.5	1173.2	1151.1	1151.1	1140.0
25°	10282.1	8909.7	5356.9	2136.1	1527.4	1261.7	1140.0	1073.6	1040.4	1029.3	1029.3
27.5°	11344.6	9618.0	5146.6	2147.2	1527.4	1217.5	1040.4	951.8	929.7	907.6	907.6
30°	12562.1	10481.3	4991.6	2291.1	1549.5	1173.2	951.8	841.2	808.0	785.8	796.9
32.5°	13956.7	11444.2	4980.6	2523.5	1582.7	1106.8	852.2	730.5	697.3	686.2	697.3
35°	15539.4	12639.6	5235.1	2700.6	1494.2	962.9	730.5	630.9	597.7	597.7	608.7
37.5°	17299.2	14012.0	5578.2	2656.3	1206.4	763.7	630.9	553.4	520.2	531.3	542.3
40°	18904.0	15085.6	5633.6	2268.9	907.6	653.0	542.3	487.0	464.9	475.9	487.0
42.5°	20121.5	15948.9	5102.3	1759.8	763.7	553.4	464.9	420.6	409.5	431.6	431.6
45°	21106.5	16292.0	4261.2	1306.0	675.1	475.9	409.5	387.4	365.2	376.3	376.3
47.5°	22135.9	16347.3	3475.3	1051.5	597.7	431.6	376.3	354.2	332.0	332.0	332.0
50°	23132.0	16214.5	2656.3	929.7	553.4	387.4	343.1	321.0	298.8	287.8	287.8
52.5°	23375.5	15152.0	1948.0	863.3	509.1	365.2	321.0	298.8	276.7	265.6	265.6
55°	*22700.3*	*13137.6*	*1527.4*	*774.8*	*464.9*	*332.0*	*298.8*	*276.7*	*243.5*	*232.4*	*232.4*
57.5°	20475.7	10016.5	1217.5	664.1	420.6	321.0	276.7	254.6	221.4	210.3	210.3
60°	17586.9	7105.6	985.0	542.3	387.4	287.8	254.6	221.4	199.2	177.1	177.1
62.5°	14388.3	5102.3	796.9	453.8	365.2	254.6	232.4	199.2	155.0	121.7	121.7
65°	11034.7	3663.5	619.8	365.2	332.0	221.4	199.2	166.0	121.7	88.5	88.5
67.5°	7138.8	2368.5	464.9	321.0	254.6	188.2	155.0	132.8	110.7	77.5	66.4
70°	3763.1	1383.5	343.1	276.7	188.2	143.9	132.8	110.7	88.5	55.3	55.3
72.5°	1948.0	907.6	254.6	243.5	143.9	99.6	110.7	88.5	66.4	33.2	33.2
75°	1250.7	608.7	188.2	199.2	88.5	77.5	77.5	55.3	33.2	22.1	11.1
77.5°	808.0	409.5	132.8	166.0	55.3	44.3	44.3	22.1	11.1	0.0	0.0
80°	475.9	254.6	88.5	110.7	22.1	22.1	11.1	0.0	0.0	0.0	0.0
82.5°	243.5	132.8	44.3	44.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	155.0	66.4	11.1	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	77.5	22.1	11.1	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

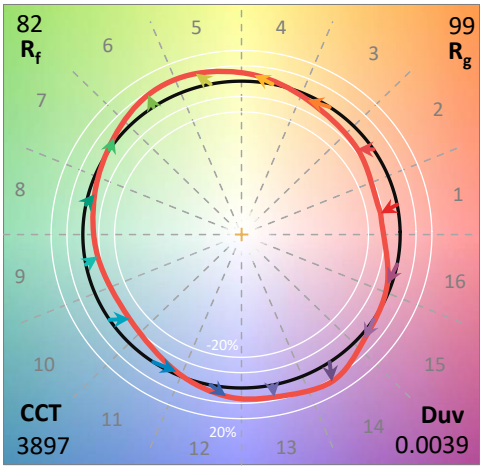
Test Information

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

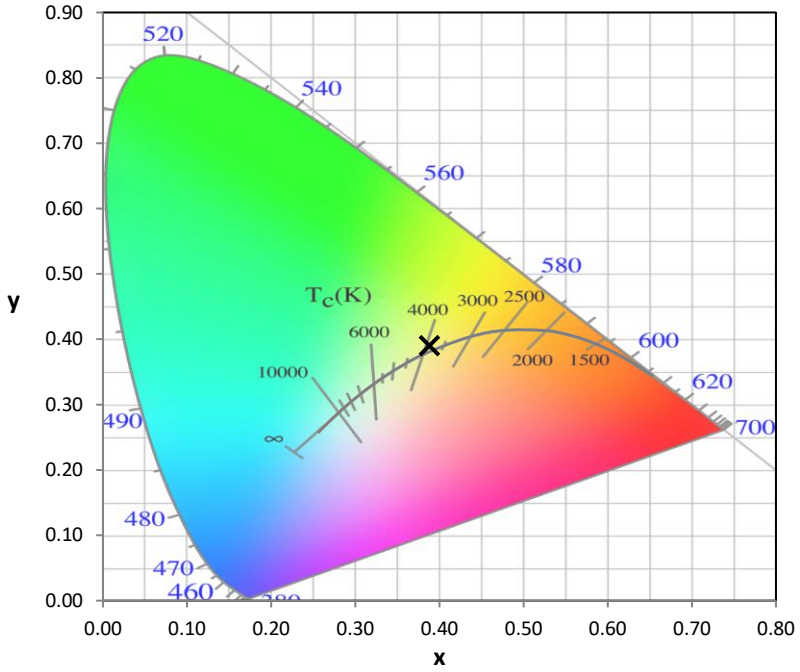
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

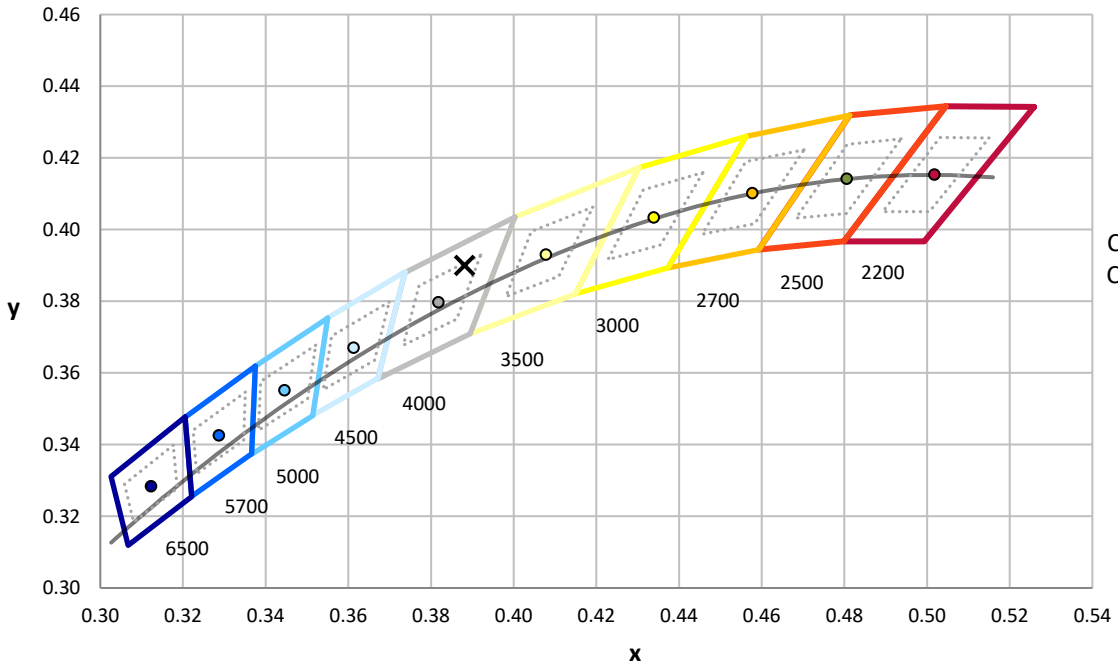
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

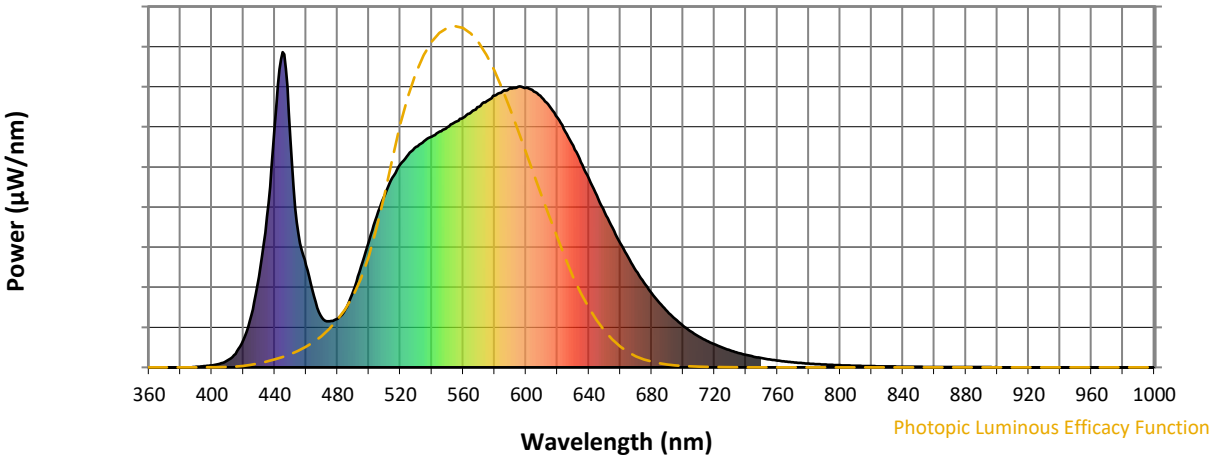


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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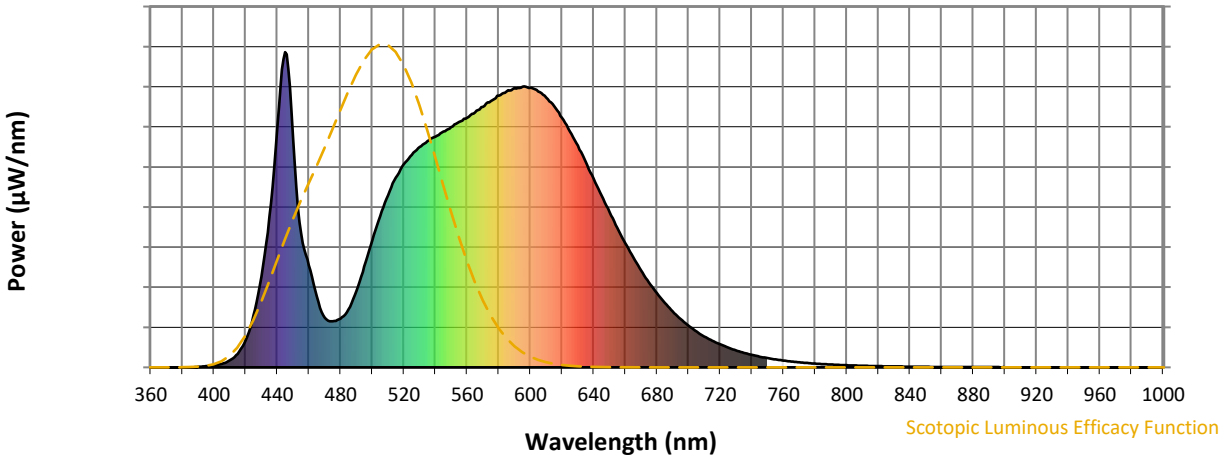
Scotopic Flux vs. Wavelength



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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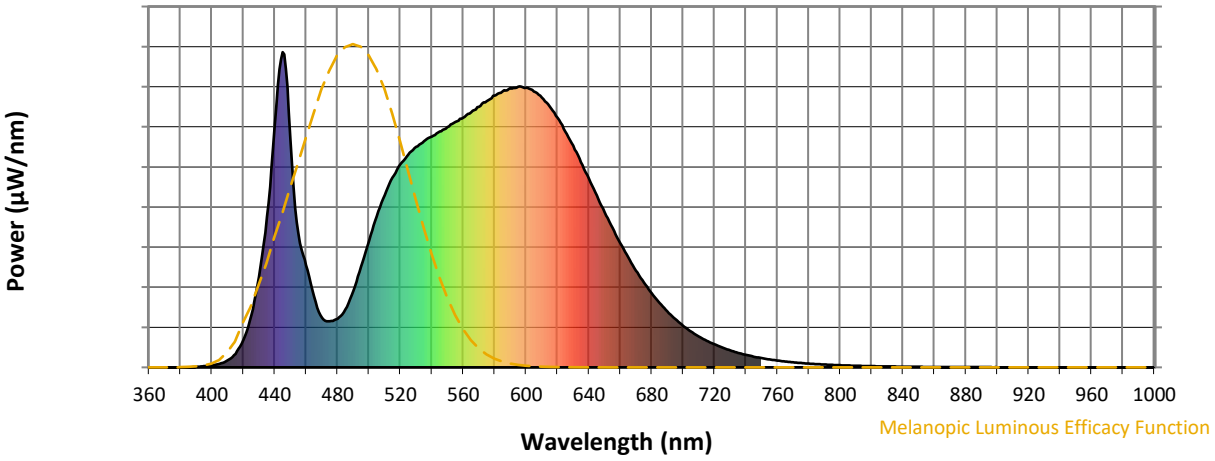
Melanopic Flux vs. Wavelength



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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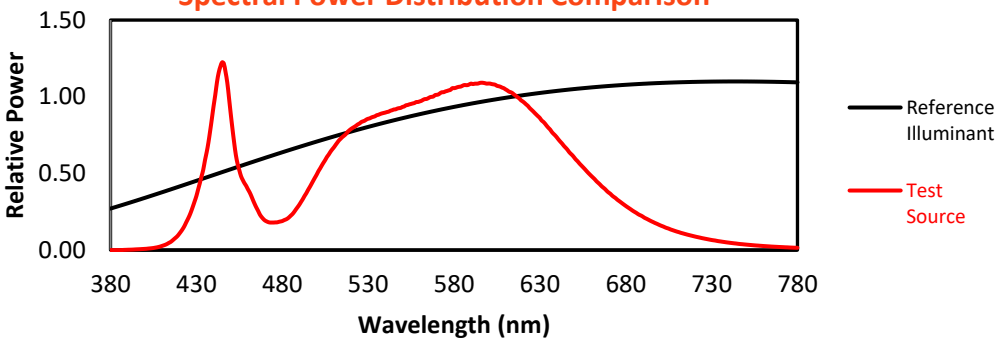
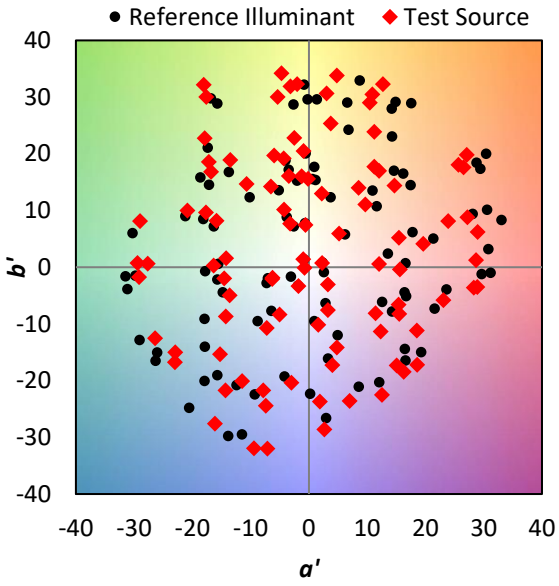
Summary

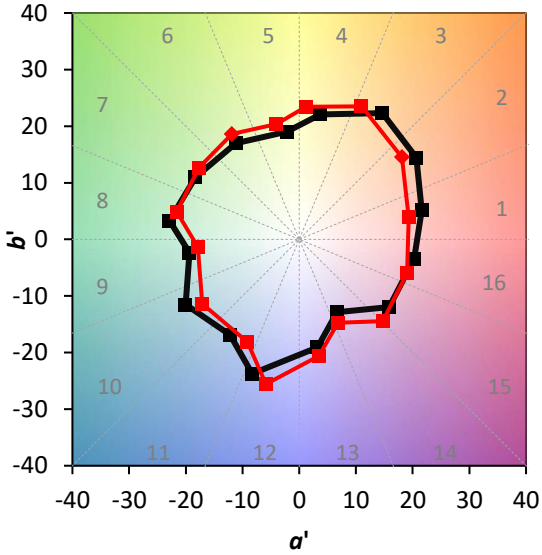
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

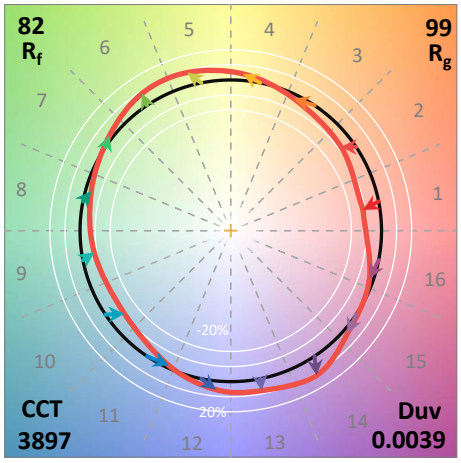
Spectral Power Distribution Comparison

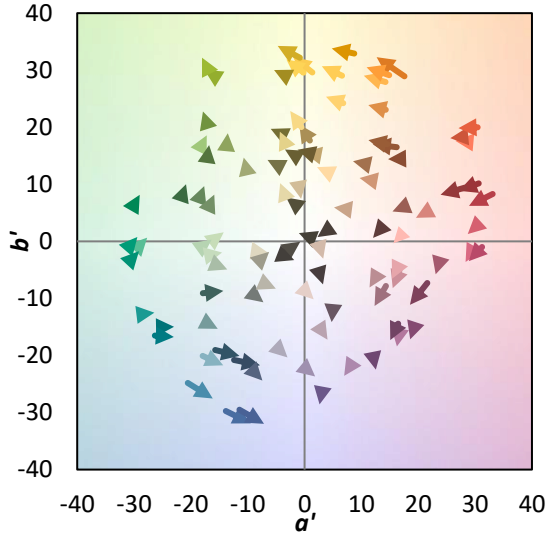


Color Vector Graphics









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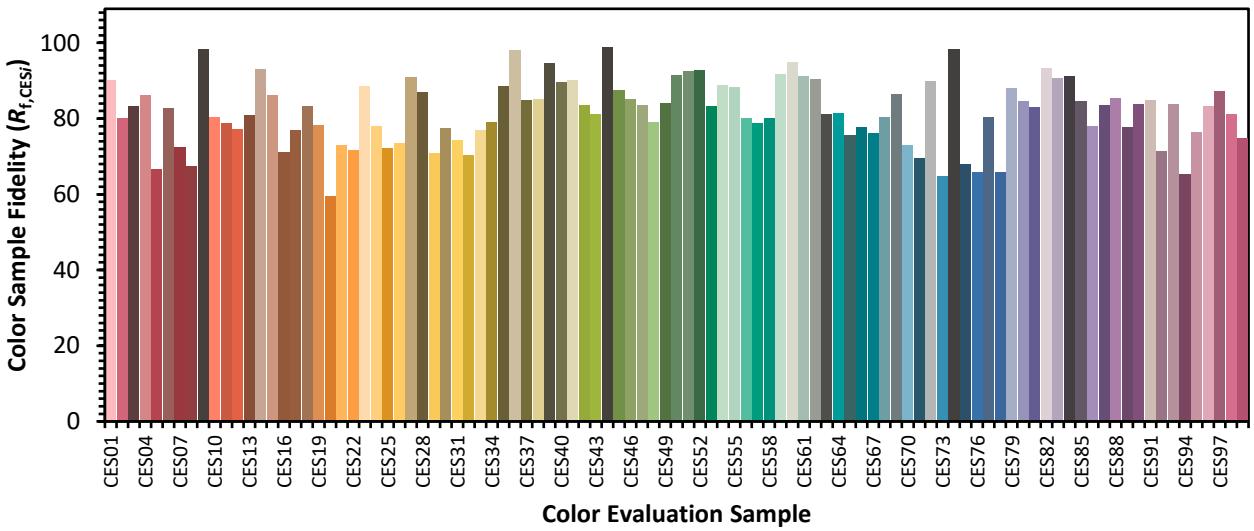
Individual Sample Fidelity Index ($R_{f,i}$)

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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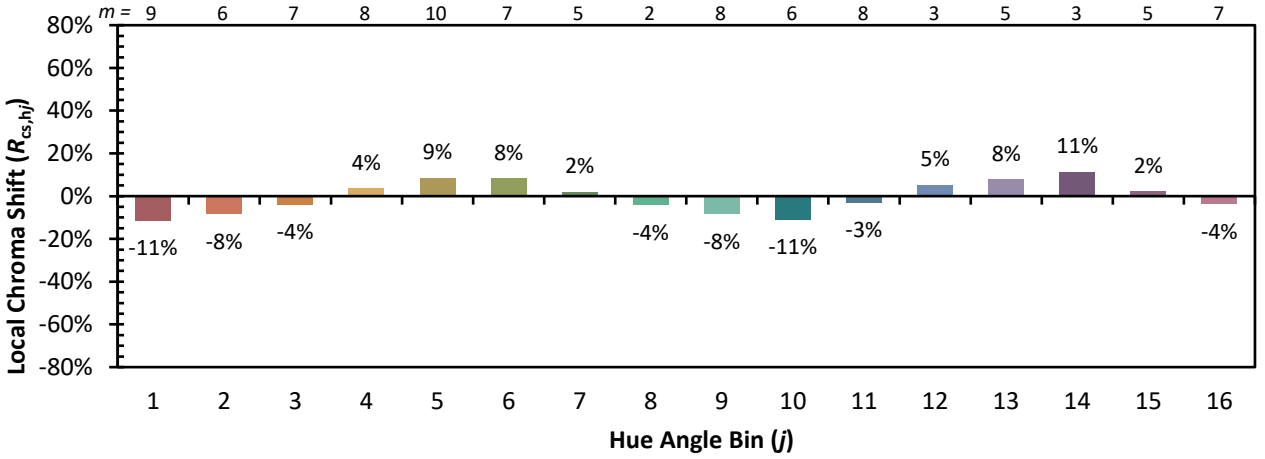
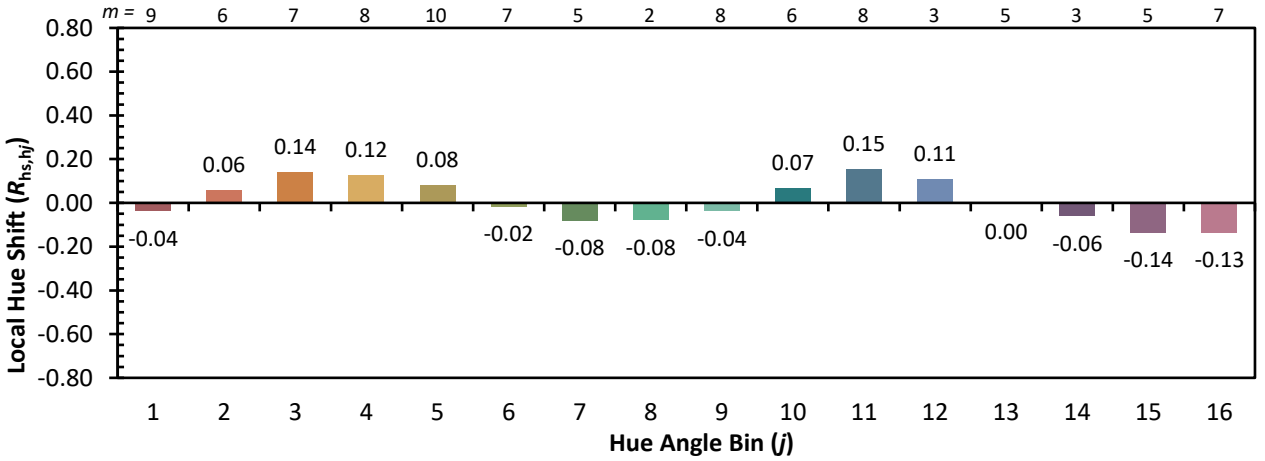
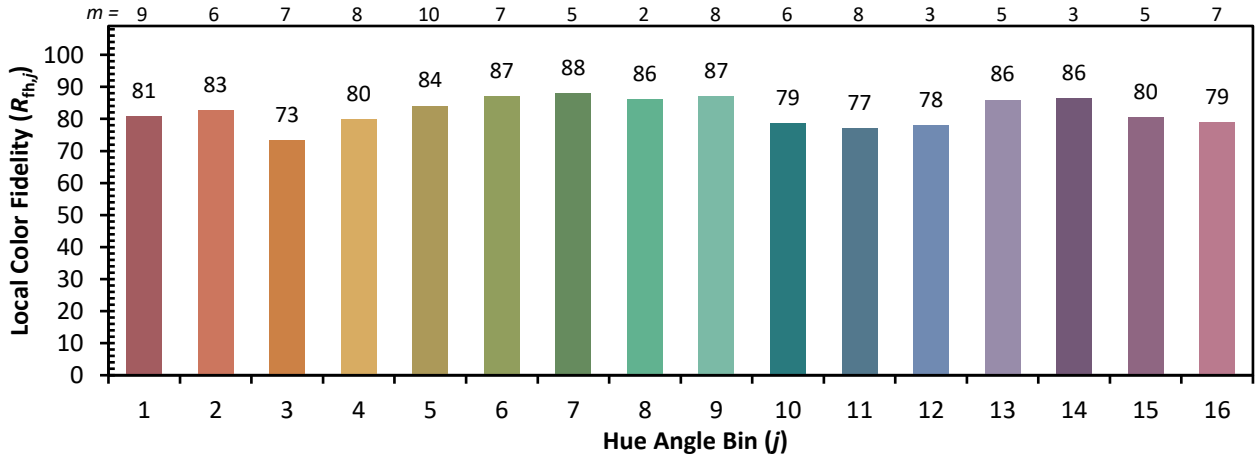
Color Rendition by Hue-Angle Bin







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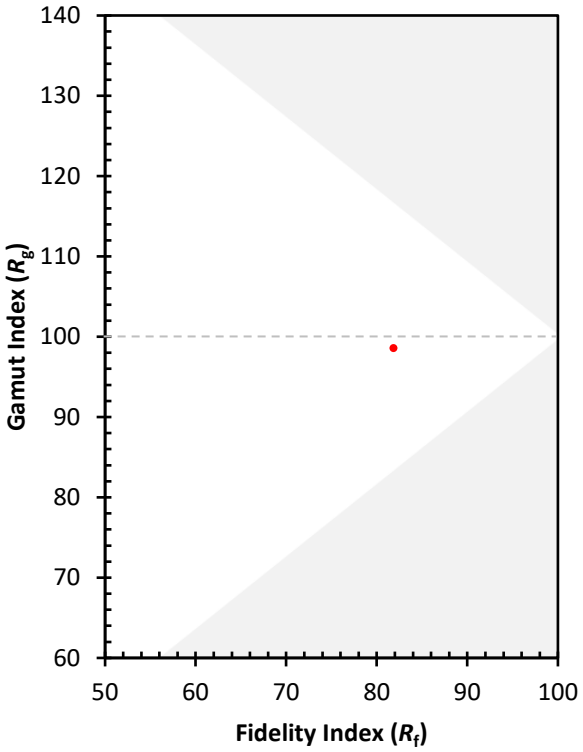
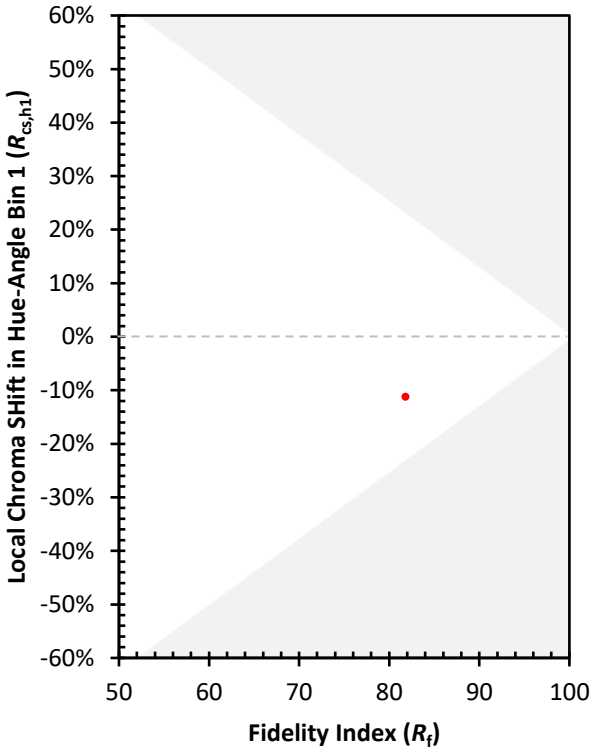
Measure Comparisons





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