Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1456145

Luminaire Tested: GLAN-SB8C-840-U-T2LG

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:	P1456145
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8C-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 8xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(208) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	56031.2 lumens
Efficiency:	N/A
Efficacy:	140.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B4 - U0 - G4

Input Watts (W):	399.8
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: P1456145
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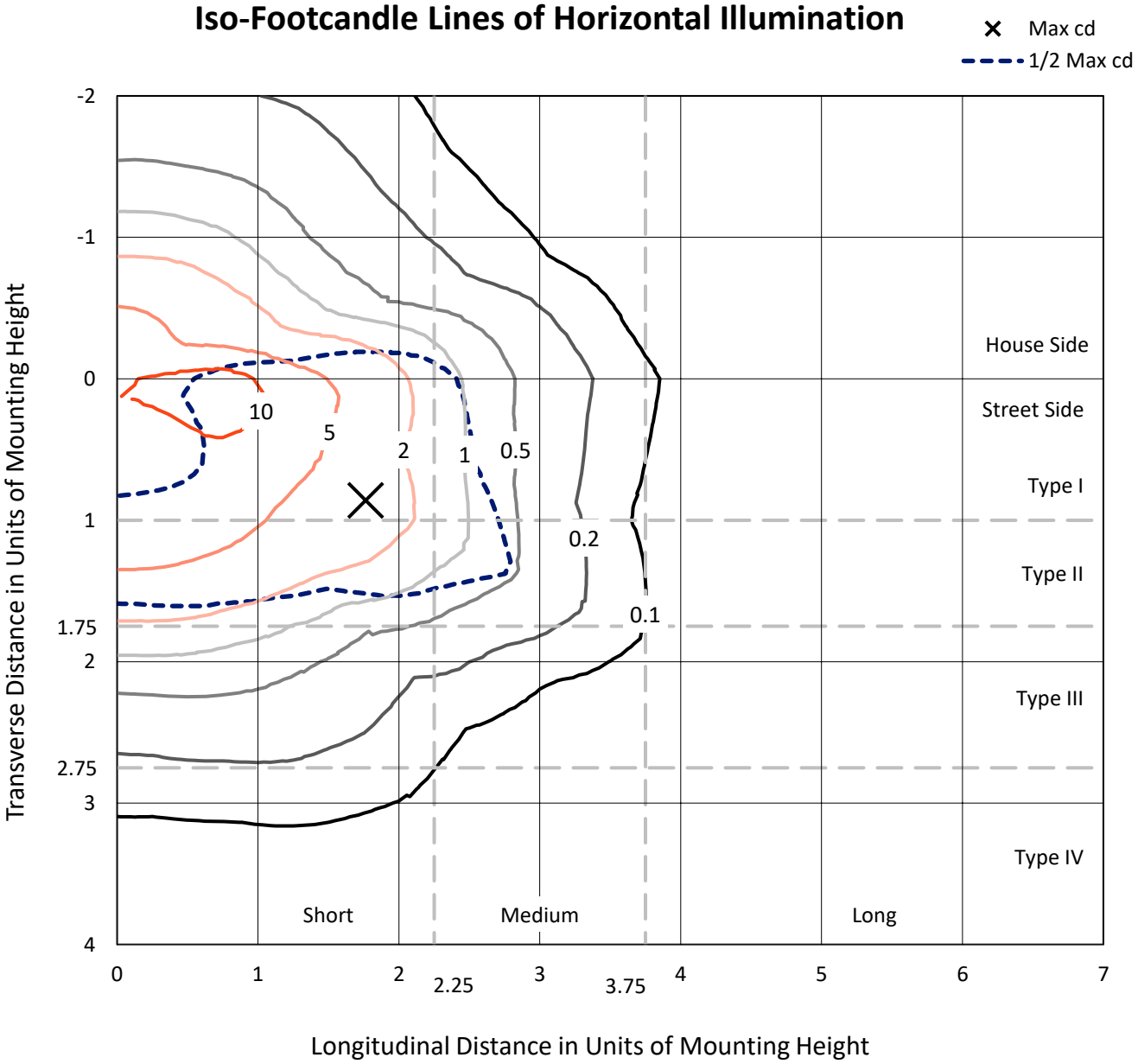
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 14.6 fc
Type II - Short - N/A

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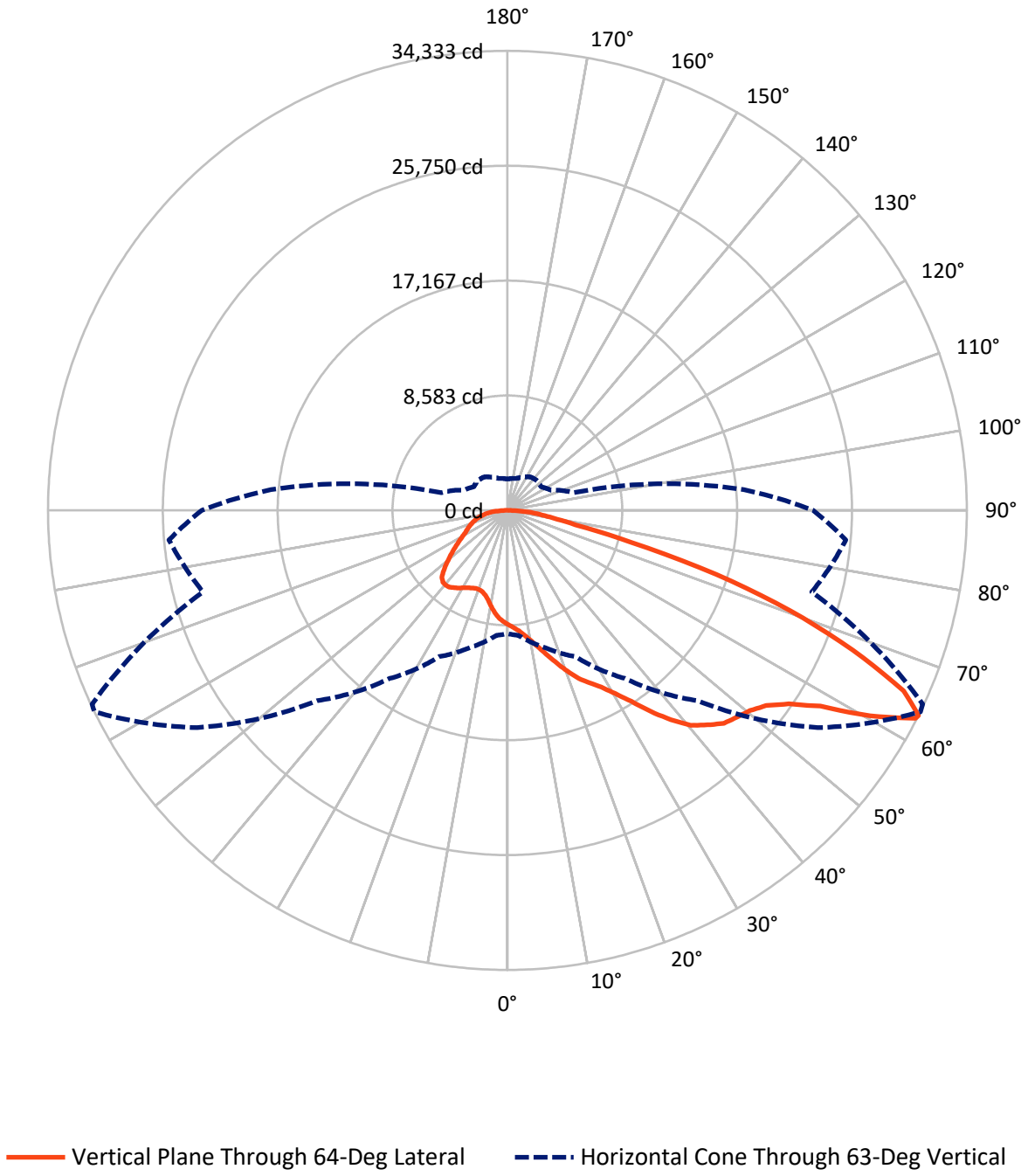
Luminous Intensity Polar Plot



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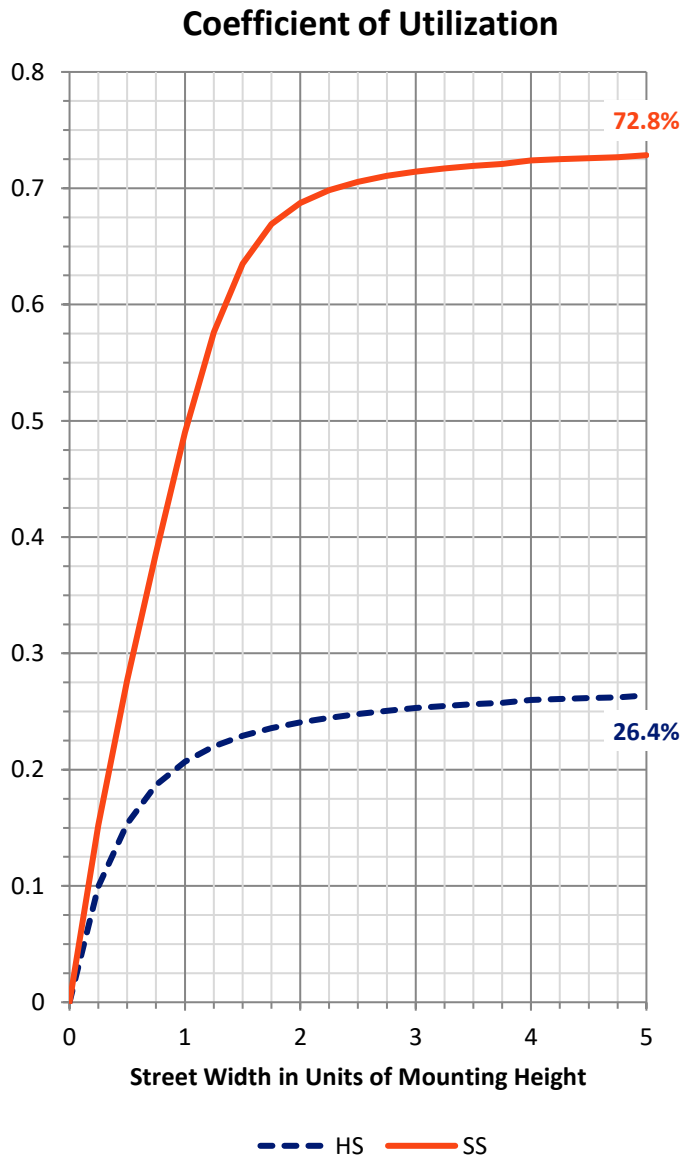
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15054.0	0.0	15054.0
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	40977.2	0.0	40977.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	56031.2	0.0	56031.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	783.4	1.4
10°-20°	2411.9	4.3
20°-30°	4410.4	7.9
30°-40°	7586.7	13.5
40°-50°	11188.3	20.0
50°-60°	13409.9	23.9
60°-70°	10762.7	19.2
70°-80°	4324.8	7.7
80°-90°	1153.2	2.1
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°	56031.2	100.0
0°-180°	56031.2	100.0



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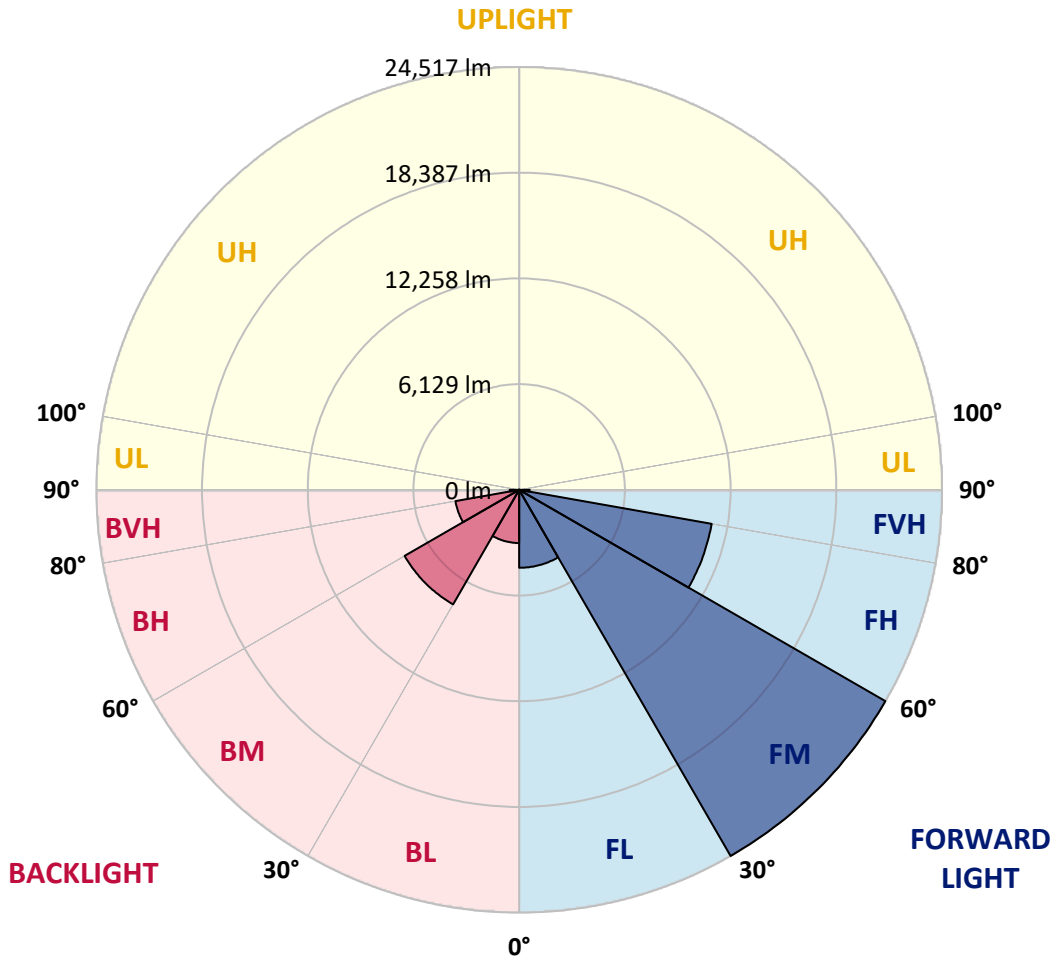
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4520.7	8.1			
FM	(30°-60°)	24516.6	43.8			
FH	(60°-80°)	11334.0	20.2			G4/12000
FVH	(80°-90°)	605.9	1.1			G4/750
BL	(0°-30°)	3085.1	5.5	B4/5000		
BM	(30°-60°)	7668.2	13.7	B4/8500		
BH	(60°-80°)	3753.4	6.7	B4/5000		G4/5000
BVH	(80°-90°)	547.3	1.0			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	8532.9	8532.9	8532.9	8532.9	8532.9	8532.9	8532.9	*8532.9*	8532.9	8532.9	8532.9
2.5°	8885.3	8897.9	8860.1	8847.6	8872.7	8822.4	8809.8	*8759.5*	8734.3	8683.9	8621.0
5°	9137.0	9149.6	9124.4	9124.4	9149.6	9111.9	9099.3	*9048.9*	9023.8	8973.4	8847.6
7.5°	9124.4	9137.0	9162.2	9262.9	9388.7	9439.1	9476.8	*9439.1*	9426.5	9351.0	9225.1
10°	8923.1	8935.7	8998.6	9149.6	9464.2	9690.8	9929.9	*9929.9*	9955.1	9892.1	9665.6
12.5°	8646.2	8658.8	8809.8	9048.9	9464.2	9854.4	10345.2	*10546.6*	10534.0	10496.2	10232.0
15°	7979.2	7979.2	8205.7	8658.8	9325.8	9967.7	10697.6	*11238.8*	11251.4	11289.1	10974.5
17.5°	7412.8	7425.4	7614.2	8016.9	8885.3	9904.7	11075.2	*12006.5*	12044.3	12258.2	11805.1
20°	7463.2	7463.2	7526.1	7702.3	8407.1	9653.0	11289.1	*12824.6*	12950.4	13453.8	12887.5
22.5°	7853.3	7853.3	7903.7	7891.1	8319.0	9489.4	11427.6	*13642.6*	13869.1	14913.7	14183.8
25°	8570.7	8558.1	8507.8	8432.2	8683.9	9665.6	11742.2	*14271.9*	14712.4	16524.7	15681.4
27.5°	9451.7	9426.5	9351.0	9225.1	9401.3	10194.2	12283.4	*14938.9*	15417.2	18286.6	17267.2
30°	10546.6	10471.1	10395.6	10232.0	10420.7	11062.6	13088.8	*15882.8*	16335.9	20287.7	19180.2
32.5°	11842.9	11931.0	11679.3	11452.7	11654.1	12245.6	14284.5	*17002.9*	17493.7	22376.9	21168.7
35°	13781.0	14045.3	13969.8	12824.6	13013.3	13667.8	15681.4	*18450.2*	18890.7	24277.3	23207.5
37.5°	15694.0	15631.1	15694.0	14737.5	14435.5	15228.4	17179.1	*19834.6*	20262.5	25825.3	25007.2
40°	17229.5	17418.2	17418.2	16637.9	16247.8	16776.4	18538.3	*21105.8*	21521.1	26681.1	26303.5
42.5°	18903.3	18928.5	18878.1	18198.5	18047.5	18185.9	19734.0	*21911.2*	22251.0	27121.6	27184.5
45°	20791.1	20778.5	20564.6	19998.2	19771.7	19645.9	20476.5	*22691.5*	23031.3	27323.0	27662.8
47.5°	22351.7	22414.7	22427.2	21823.1	21445.6	20904.4	21118.4	*23081.7*	23471.8	27096.4	27763.5
50°	22439.8	22540.5	23018.8	23194.9	23119.4	22251.0	21709.9	*23497.0*	23887.1	27146.8	28128.4
52.5°	21886.1	21986.7	22603.4	23333.4	24214.4	23799.0	22641.2	*24214.4*	24617.1	27637.6	28959.1
55°	20401.0	20564.6	21483.3	22502.7	24075.9	24667.4	24289.9	*25510.7*	25888.2	28027.8	29928.2
57.5°	17758.0	17959.4	19230.5	20854.1	23006.2	24466.1	26681.1	*27587.3*	27901.9	28304.6	29940.7
60°	13277.6	13441.2	15429.7	17619.6	20854.1	23207.5	28103.3	*31148.9*	31325.1	26807.0	28241.7
62.5°	9778.9	9942.5	11276.5	12849.7	16386.2	20891.8	28380.1	*34232.4*	34257.5	24101.1	25900.8
63°	*9212.5*	*9376.1*	*10584.3*	*12056.8*	*15329.1*	*20111.5*	*28292.0*	*34333.1*	*34245.0*	*23547.3*	*25384.8*
65°	7173.7	7463.2	8721.7	9841.8	11490.5	16008.7	27159.4	*32545.9*	32671.8	21911.2	22792.2
67.5°	4883.1	5097.1	6695.4	7991.7	8683.9	10194.2	22276.2	*27851.6*	28052.9	20212.2	18185.9
70°	3775.6	3876.3	4807.6	6330.5	7022.7	6481.5	14523.6	*22427.2*	22427.2	15782.1	12887.5
72.5°	2957.6	2995.3	3624.6	4946.1	5650.9	4983.8	8092.4	*16310.7*	15706.6	9363.6	8595.8
75°	2114.4	2164.7	2731.0	3687.5	4505.6	3926.7	5172.6	*9502.0*	9137.0	5386.6	5739.0
77.5°	1673.9	1699.0	2038.8	2718.5	3649.8	2995.3	3939.2	*5185.2*	5134.9	3788.2	3687.5
80°	1321.5	1371.8	1598.3	1950.7	2819.1	2340.9	2932.4	*3423.2*	3322.6	2605.2	2366.1
82.5°	943.9	1032.0	1233.4	1485.1	2089.2	1673.9	1925.6	*2416.4*	2416.4	1963.3	1560.6
85°	578.9	654.4	730.0	918.7	1485.1	1082.3	1019.4	*1560.6*	1598.3	1472.5	1006.8
87.5°	276.9	302.1	352.4	390.1	541.2	490.8	402.7	*591.5*	604.1	654.4	415.3
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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Scaled Data Report

REPORT NUMBER: P1456145
CATALOG NUMBER: GLAN-SB8C-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8532.9	8532.9	8532.9	8532.9	8532.9	8532.9	8532.9	8532.9	8532.9	8532.9	8532.9
2.5°	8608.4	8583.3	8457.4	8331.6	8193.1	8067.3	7941.4	7840.7	7727.5	7752.6	7765.2
5°	8772.0	8709.1	8432.2	8105.0	7677.1	7274.4	6884.2	6607.4	6431.2	6380.8	6280.1
7.5°	9124.4	8973.4	8470.0	7777.8	6984.9	6355.6	5990.7	5827.1	5776.7	5789.3	5764.1
10°	9527.2	9300.6	8520.3	7387.6	6380.8	5952.9	5902.6	6003.3	6053.6	6103.9	6116.5
12.5°	10055.8	9690.8	8495.2	6959.7	6091.3	6015.8	6204.6	6393.4	6506.7	6582.2	6569.6
15°	10672.4	10181.6	8419.7	6607.4	6053.6	6255.0	6494.1	6708.0	6846.5	6922.0	6884.2
17.5°	11415.0	10760.5	8331.6	6380.8	6166.9	6406.0	6657.7	6871.6	7022.7	7073.0	7035.3
20°	12333.7	11415.0	8180.5	6280.1	6255.0	6468.9	6695.4	6896.8	7022.7	7073.0	7022.7
22.5°	13416.1	12195.3	8054.7	6280.1	6292.7	6468.9	6632.5	6783.5	6896.8	6934.6	6871.6
25°	14800.5	13101.4	8004.3	6380.8	6305.3	6406.0	6494.1	6582.2	6645.1	6670.3	6645.1
27.5°	16210.0	14146.0	8029.5	6506.7	6292.7	6317.9	6317.9	6330.5	6343.1	6355.6	6343.1
30°	17833.6	15203.2	8130.2	6670.3	6317.9	6192.0	6154.3	6078.8	6015.8	5965.5	5915.2
32.5°	19406.7	16210.0	8306.4	6909.4	6292.7	6053.6	5978.1	5789.3	5613.1	5462.1	5462.1
35°	21105.8	17254.6	8621.0	7085.6	6267.5	5927.7	5713.8	5499.8	5311.1	5097.1	5097.1
37.5°	22565.7	18148.2	8872.7	7287.0	6242.4	5776.7	5436.9	5197.8	4996.4	4782.5	4757.3
40°	23585.1	18664.2	9023.8	7362.5	6154.3	5575.3	5172.6	4870.6	4581.1	4291.6	4279.0
42.5°	24075.9	18639.0	8935.7	7337.3	5990.7	5323.6	4946.1	4543.3	4153.2	3888.9	3863.7
45°	24340.2	18475.4	8595.8	7123.4	5726.4	5059.3	4656.6	4228.7	3838.6	3599.4	3549.1
47.5°	24289.9	18072.7	8130.2	6594.8	5374.0	4769.9	4367.1	3926.7	3612.0	3473.6	3473.6
50°	24428.3	17758.0	7601.6	5990.7	4895.7	4430.1	4102.9	3700.1	3511.3	3335.1	3272.2
52.5°	25045.0	18022.3	7148.5	5424.3	4442.7	4102.9	3876.3	3536.5	3297.4	3184.1	3146.4
55°	25863.1	18588.7	6720.6	4920.9	4002.2	3813.4	3700.1	3385.5	3108.6	2995.3	2932.4
57.5°	26014.1	18978.8	6305.3	4430.1	3637.2	3586.8	3549.1	3121.2	2894.6	2806.6	2756.2
60°	24969.5	18689.4	5764.1	3989.6	3347.7	3372.9	3272.2	2957.6	2693.3	2605.2	2554.8
62.5°	23194.9	17934.2	5223.0	3612.0	3121.2	3171.5	3070.8	2756.2	2491.9	2403.8	2378.6
63°	*22842.6*	*17732.9*	*5097.1*	*3574.3*	*3070.8*	*3133.8*	*3045.7*	*2731.0*	*2466.7*	*2378.6*	*2340.9*
65°	20740.8	16524.7	4656.6	3372.9	2907.2	2907.2	2919.8	2605.2	2378.6	2340.9	2315.7
67.5°	16914.8	13793.6	4178.4	3133.8	2731.0	2768.8	2831.7	2655.5	2567.4	2542.3	2517.1
70°	12786.8	10383.0	3763.0	2907.2	2542.3	2668.1	3096.0	3020.5	2693.3	2466.7	2416.4
72.5°	9061.5	7073.0	3398.1	2680.7	2315.7	2630.4	3209.3	2882.1	2429.0	2164.7	2114.4
75°	6066.2	4555.9	3033.1	2441.6	2064.0	2429.0	3033.1	2630.4	2114.4	2051.4	1975.9
77.5°	3813.4	3247.0	2668.1	2164.7	1787.1	2164.7	2756.2	2340.9	1824.9	1850.1	1736.8
80°	2328.3	2315.7	2240.2	1837.5	1434.7	1724.2	2315.7	1975.9	1459.9	1459.9	1296.3
82.5°	1384.4	1673.9	1900.4	1522.8	1044.6	1233.4	1673.9	1485.1	1220.8	1183.0	1107.5
85°	931.3	1132.7	1510.3	1170.4	667.0	755.1	1157.9	1246.0	1120.1	981.7	918.7
87.5°	339.8	453.1	692.2	478.2	289.5	453.1	868.4	906.2	679.6	528.6	478.2
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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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

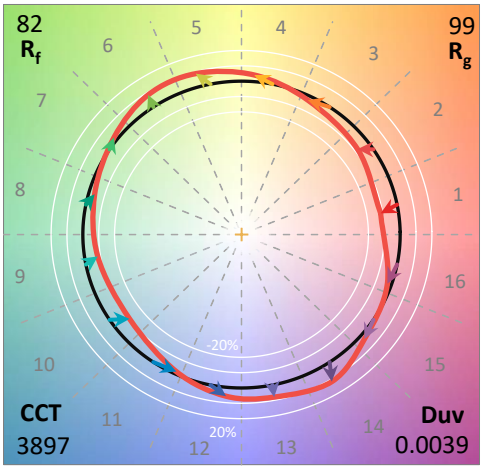
Test Information

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

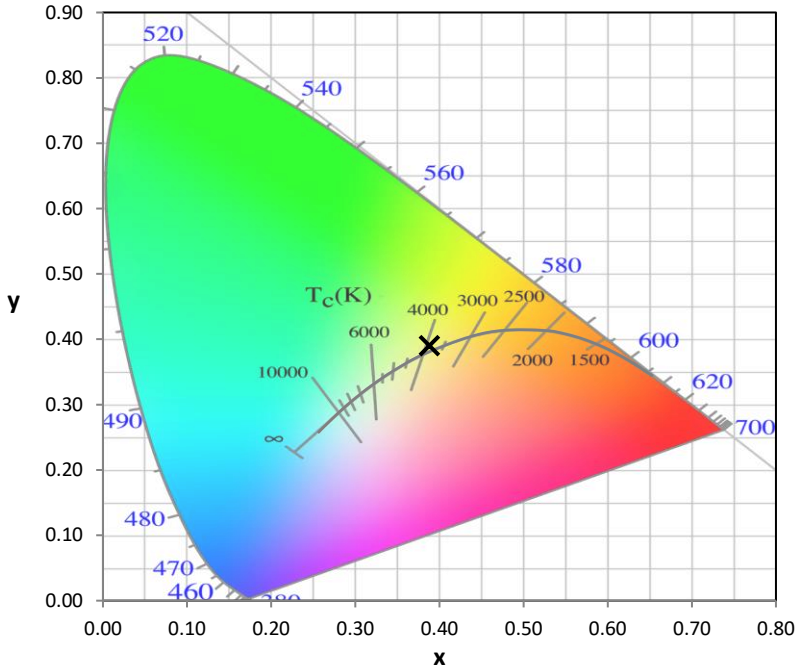
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

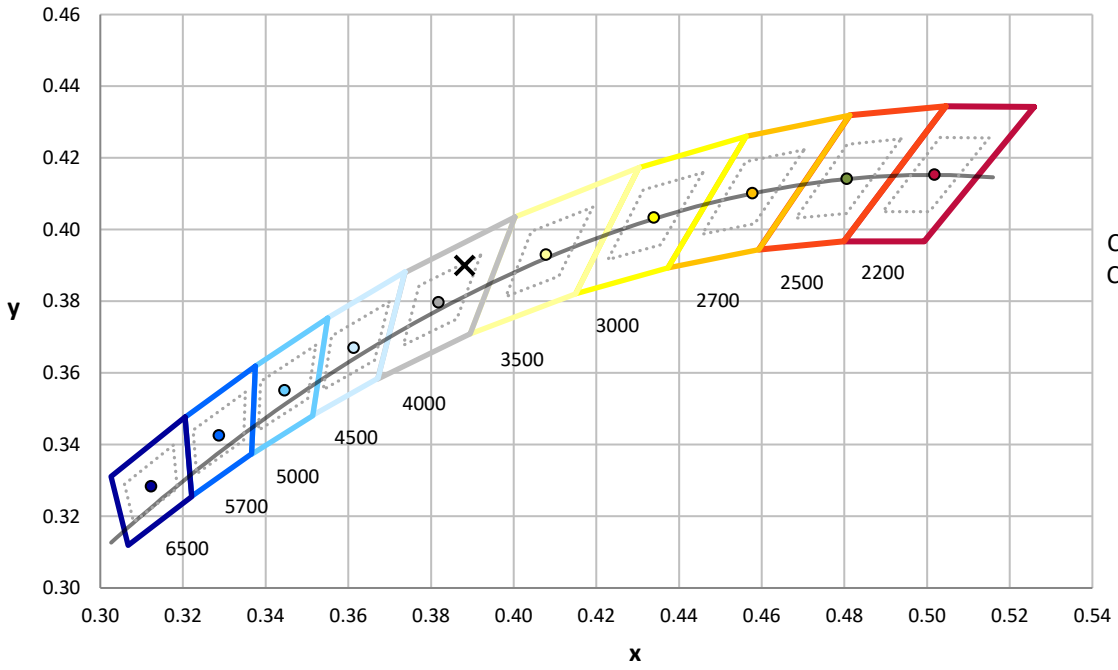
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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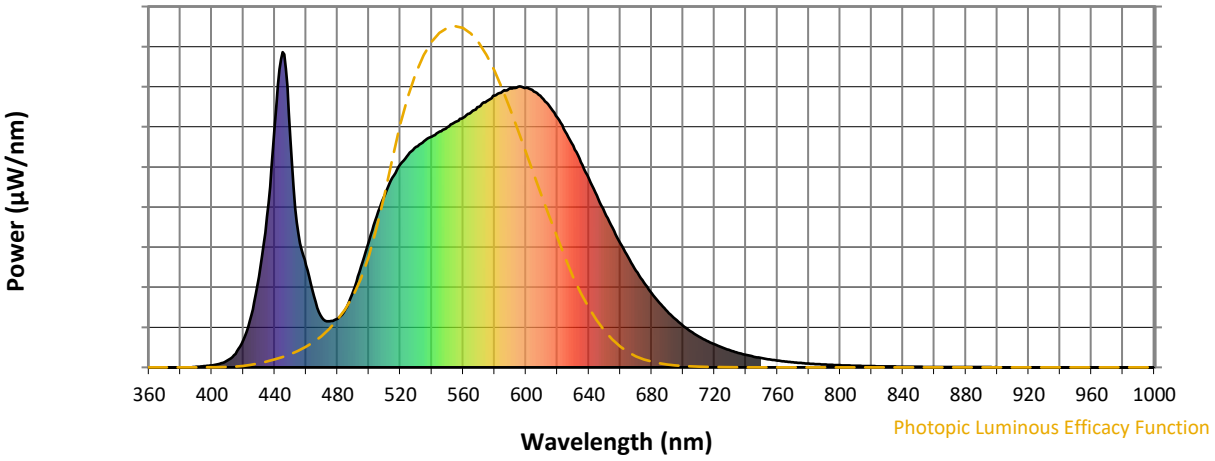
Photopic Flux vs. Wavelength



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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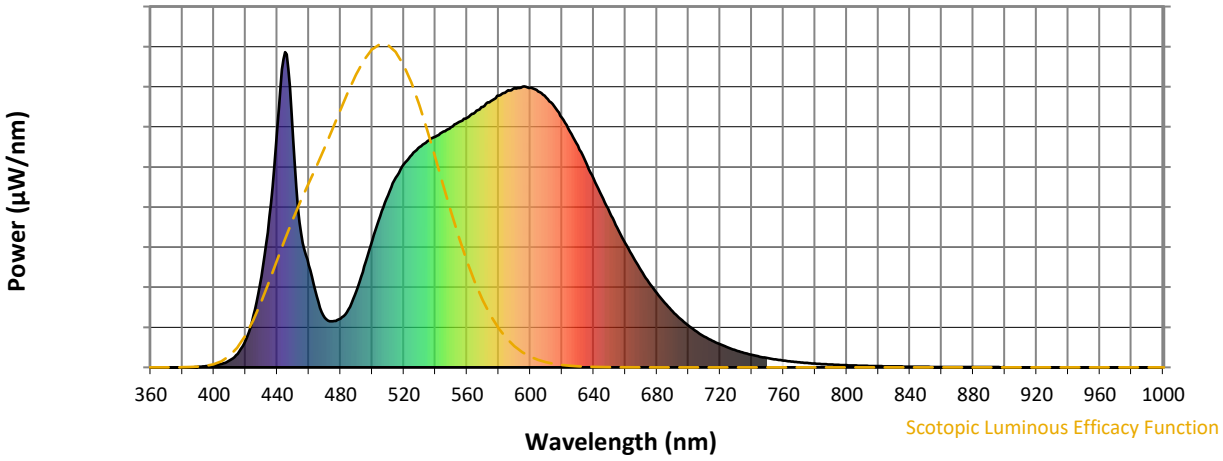
Scotopic Flux vs. Wavelength



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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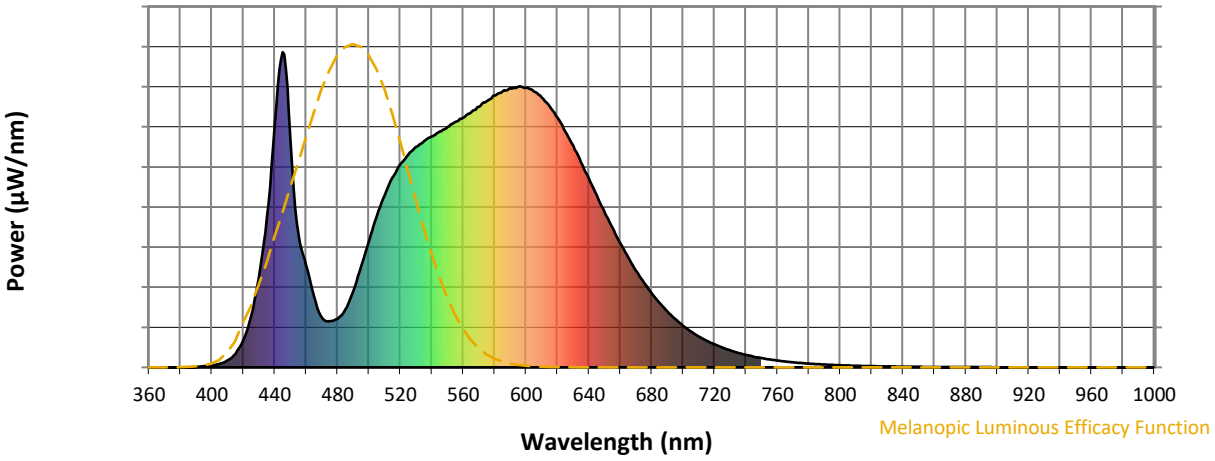
Melanopic Flux vs. Wavelength



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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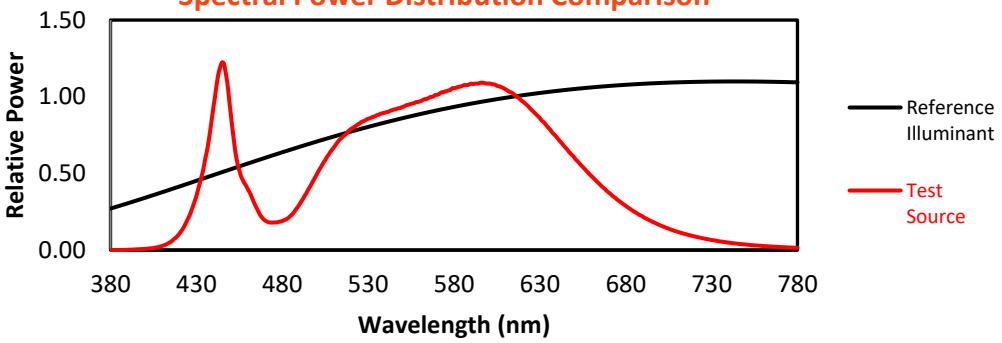
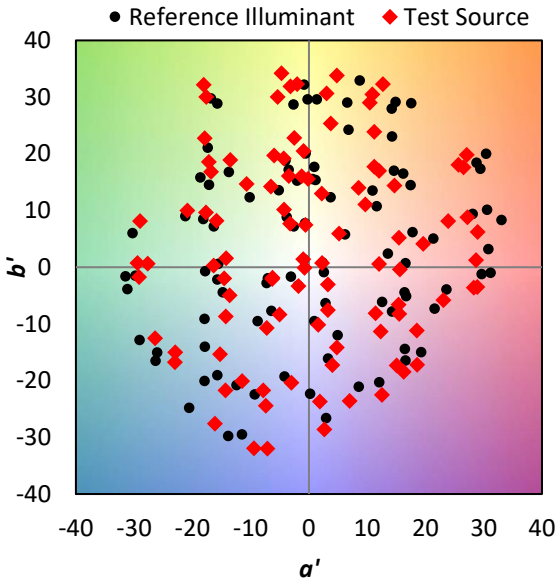
Summary

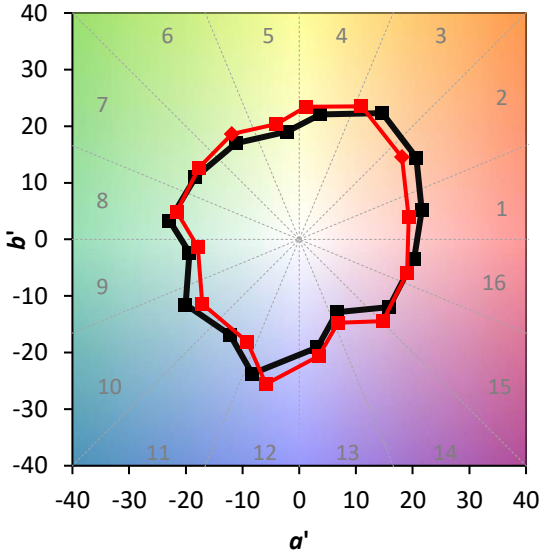
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

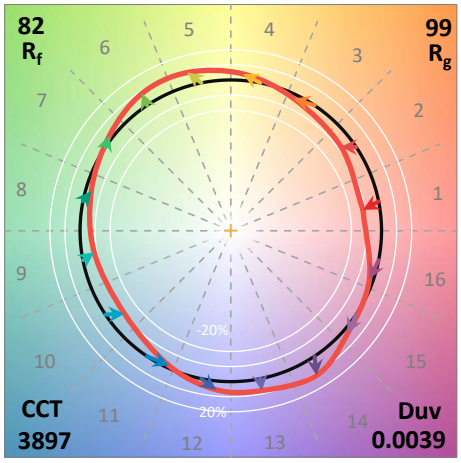
Spectral Power Distribution Comparison

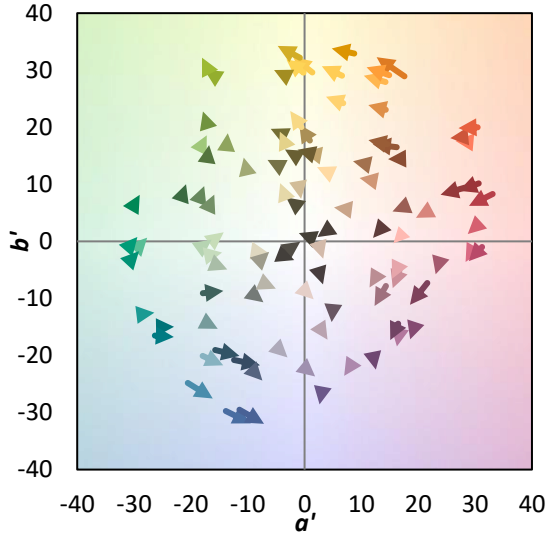


Color Vector Graphics









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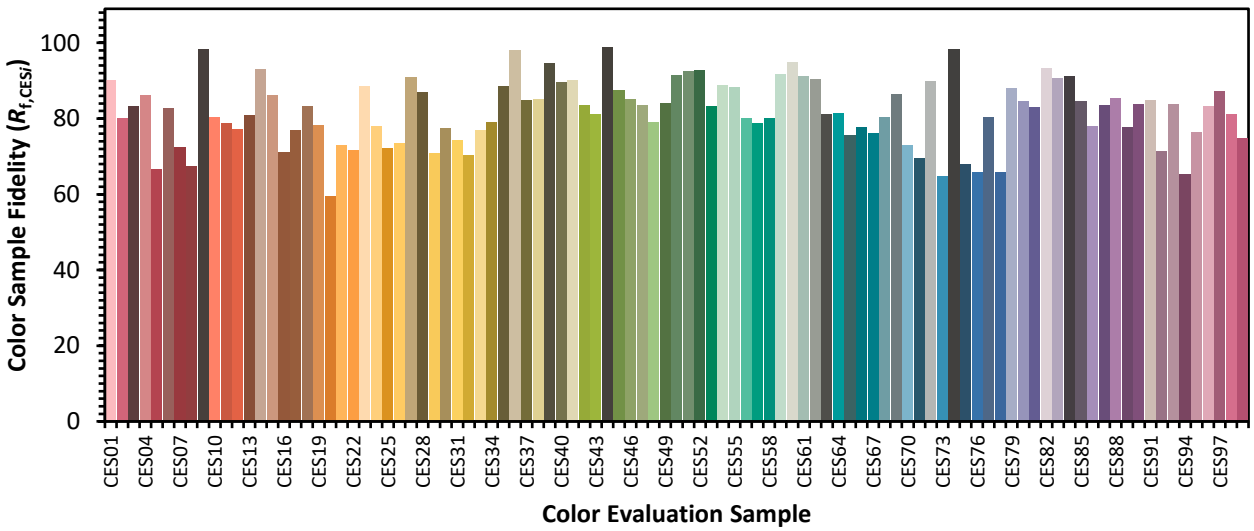
Individual Sample Fidelity Index ($R_{f,i}$)

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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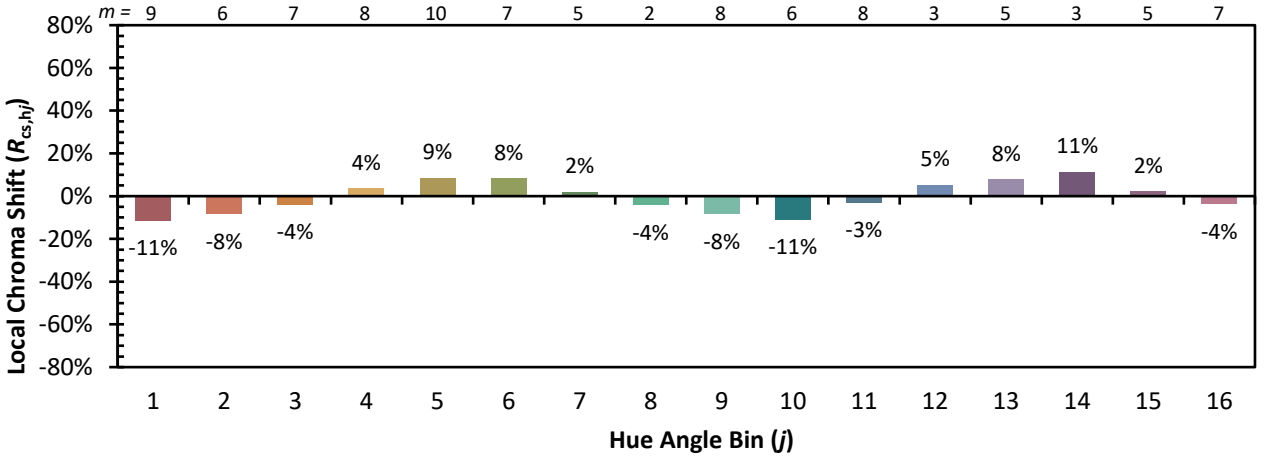
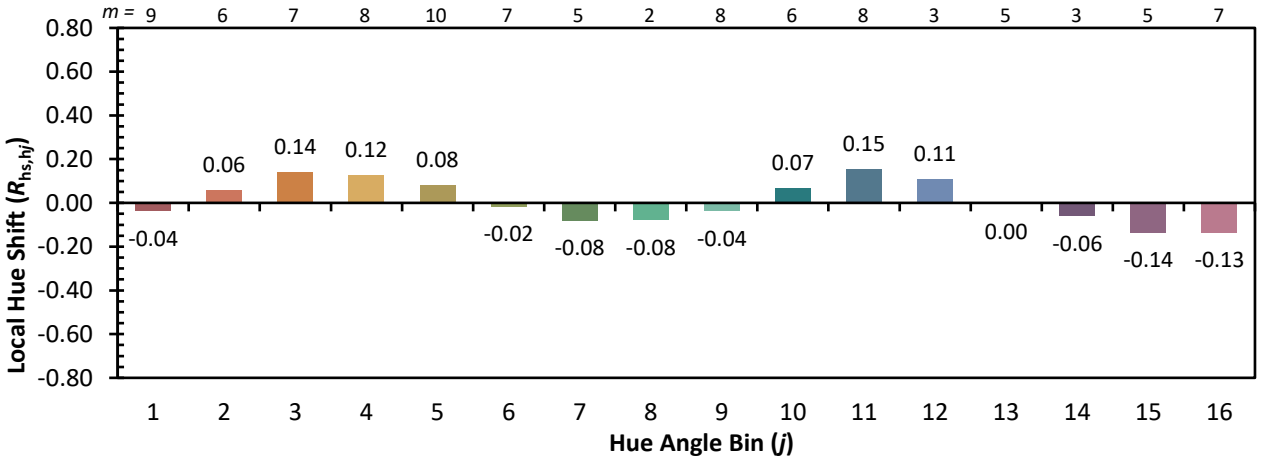
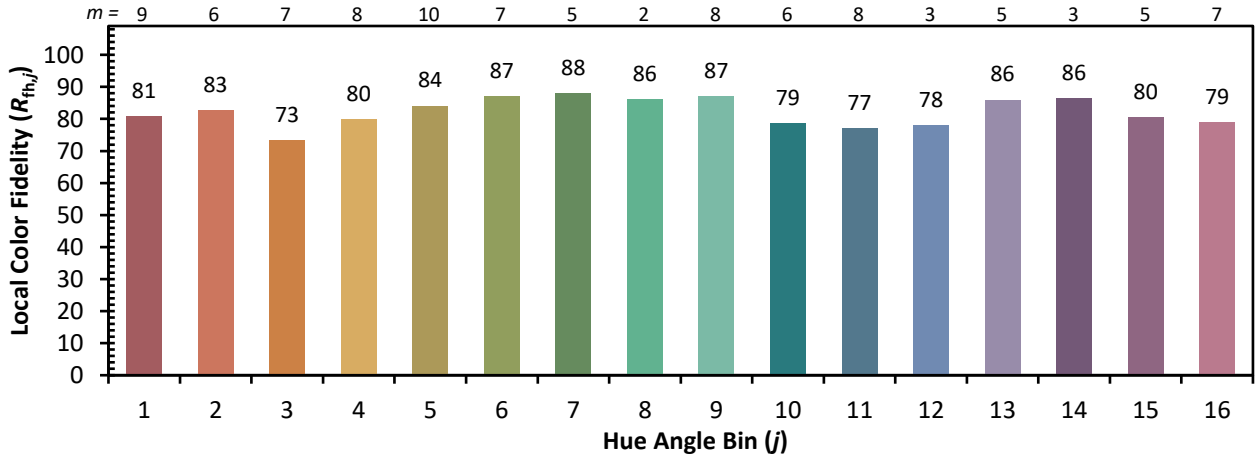
Color Rendition by Hue-Angle Bin







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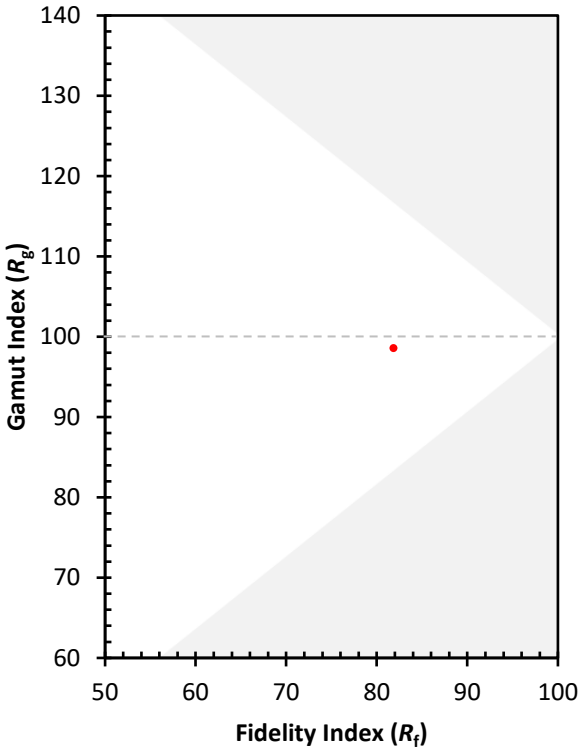
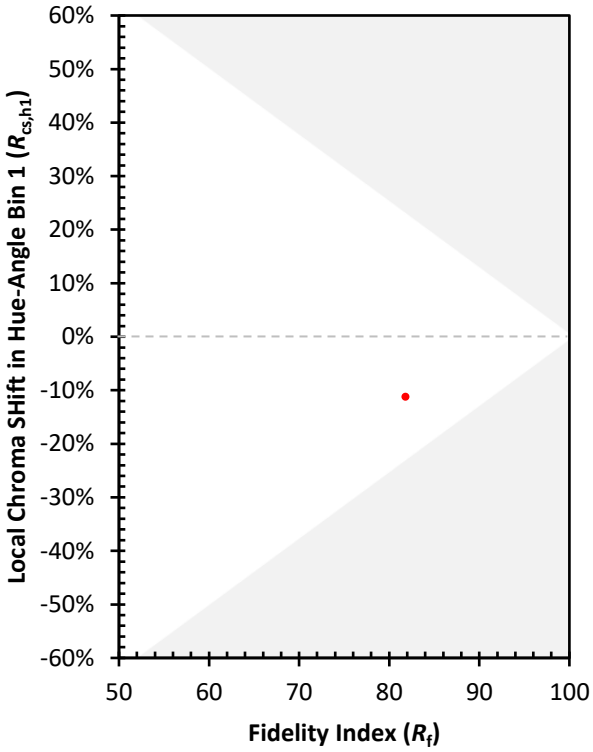
Measure Comparisons





(END OF REPORT)