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: P1457297

Luminaire Tested: GLAN-SB8C-840-U-T4LG

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:	P1457297
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8C-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 8xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(208) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	56682.4 lumens
Efficiency:	N/A
Efficacy:	141.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B4 - U0 - G5

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: P1457297
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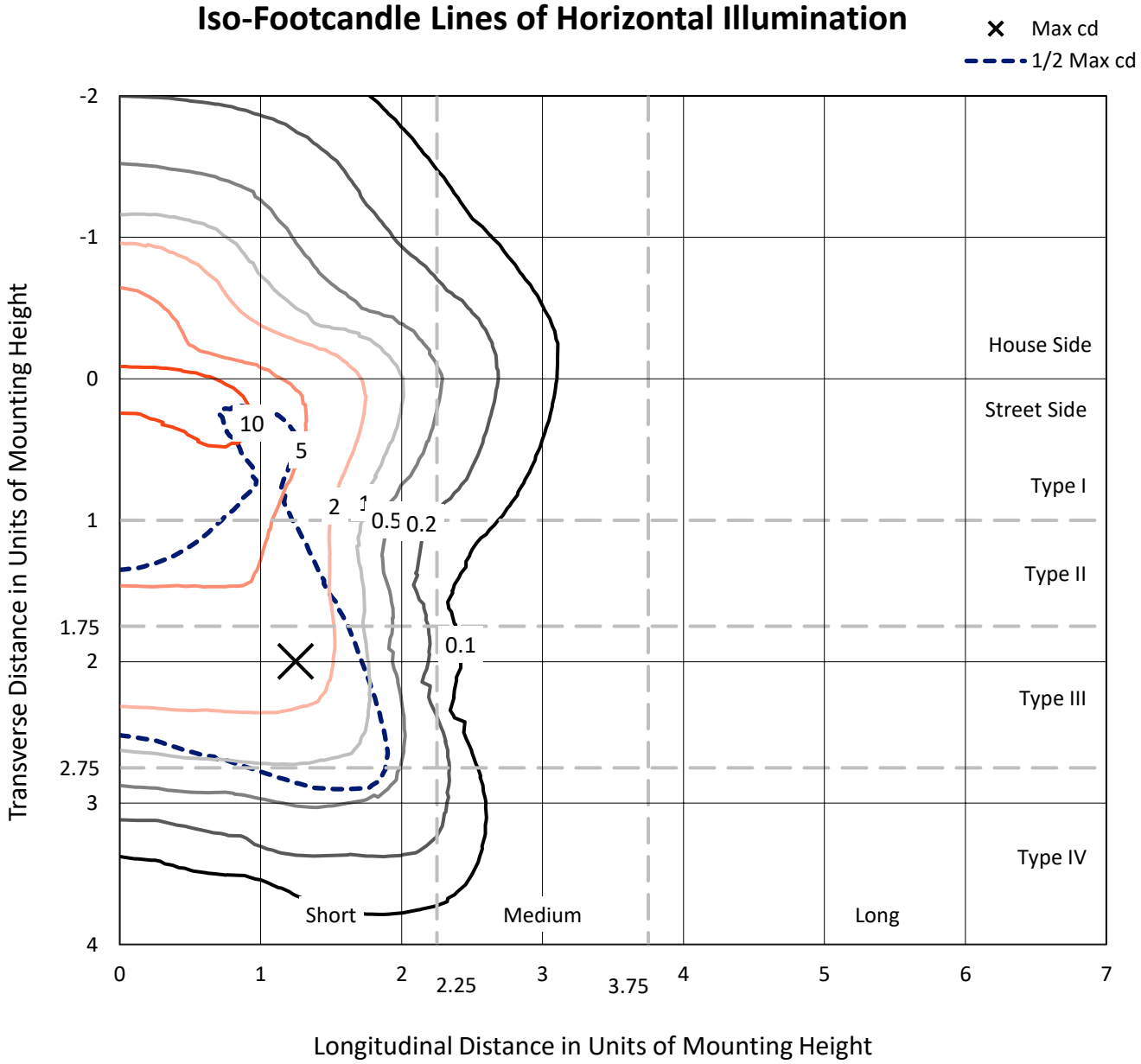
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 15.6 fc
Type IV - Short - N/A

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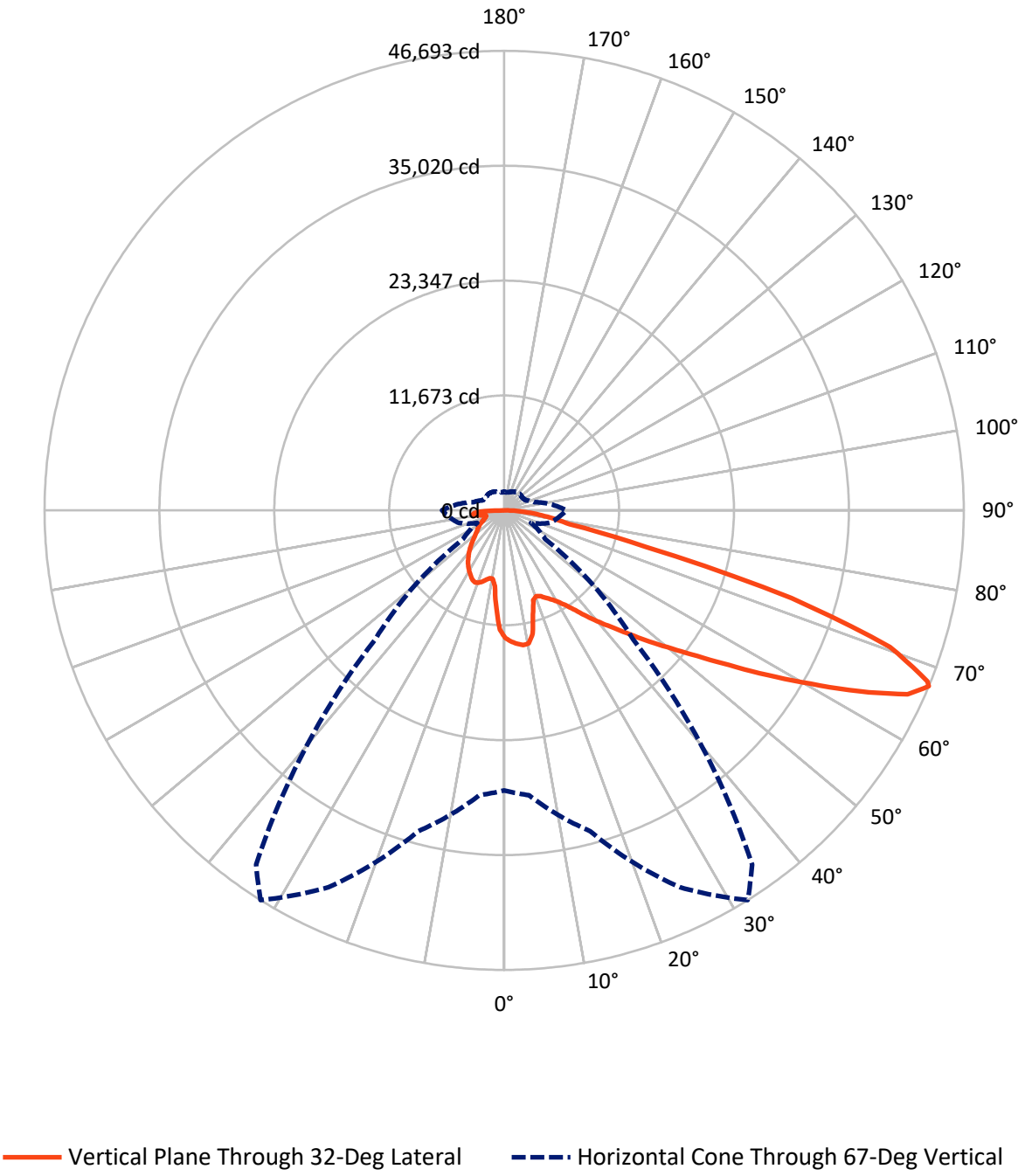
Luminous Intensity Polar Plot



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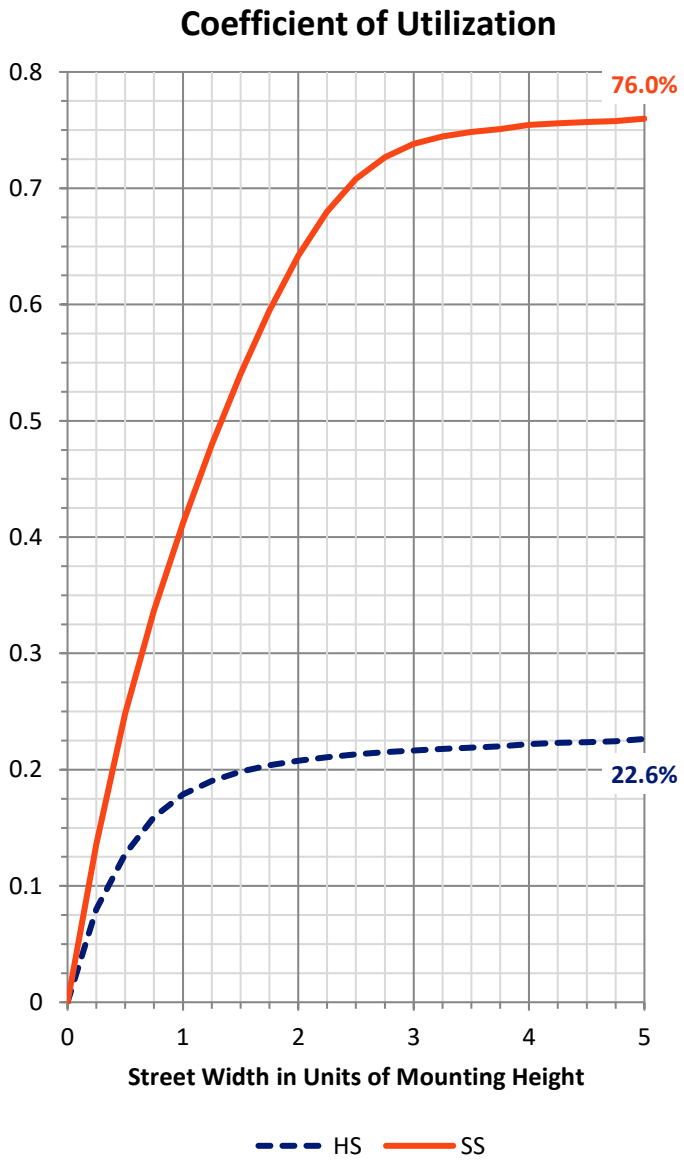
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13419.3	0.0	13419.3
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	43263.0	0.0	43263.0
	% Fixture	76.3	0.0	76.3
Total	Lumens	56682.4	0.0	56682.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1131.6	2.0
10°-20°	3004.4	5.3
20°-30°	4906.4	8.7
30°-40°	7231.6	12.8
40°-50°	9972.7	17.6
50°-60°	12598.6	22.2
60°-70°	12193.2	21.5
70°-80°	4351.6	7.7
80°-90°	1292.2	2.3
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°	56682.4	100.0
0°-180°	56682.4	100.0



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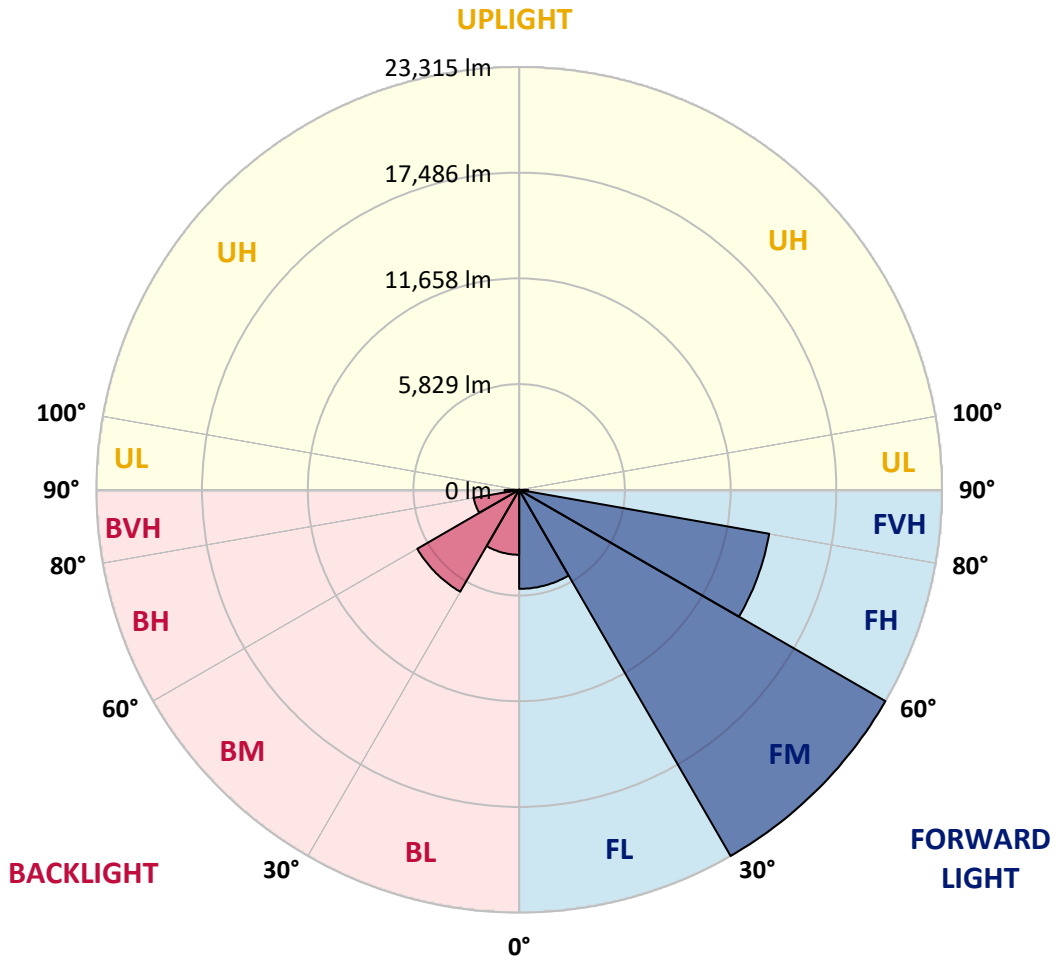
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	5461.5	9.6			
FM	(30°-60°)	23315.3	41.1			
FH	(60°-80°)	13999.4	24.7			G5
FVH	(80°-90°)	486.9	0.9			G3/500
BL	(0°-30°)	3581.0	6.3	B4/5000		
BM	(30°-60°)	6487.6	11.4	B4/8500		
BH	(60°-80°)	2545.4	4.5	B4/5000		G4/5000
BVH	(80°-90°)	805.3	1.4			G5
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type IV Short



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REPORT NUMBER: P1457297
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	12950.8	12950.8	12950.8	12950.8	*12950.8*	12950.8	12950.8	12950.8	12950.8	12950.8	12950.8
2.5°	13441.6	13403.9	13366.1	13391.3	*13341.0*	13328.4	13265.4	13240.3	13164.8	13152.2	13013.7
5°	13718.5	13643.0	13630.4	13655.6	*13605.3*	13605.3	13554.9	13517.2	13403.9	13341.0	13139.6
7.5°	13718.5	13705.9	13731.1	13819.2	*13831.8*	13831.8	13831.8	13844.4	13731.1	13643.0	13328.4
10°	12938.2	12812.4	13089.2	13529.7	*13743.7*	13869.6	14096.1	14234.5	14146.4	14083.5	13655.6
12.5°	10609.8	10622.4	11062.9	12006.9	*12862.7*	13227.7	14171.6	14675.1	14712.8	14612.1	14070.9
15°	8998.9	9061.8	9288.3	9968.0	*10949.7*	11490.8	13731.1	15065.2	15367.3	15266.6	14574.4
17.5°	8508.0	8545.8	8646.5	9036.6	*9590.4*	10030.9	12535.5	15316.9	16160.2	16034.3	15140.7
20°	8432.5	8457.7	8583.5	8910.8	*9288.3*	9540.0	11314.6	15115.6	16902.7	16852.4	15656.7
22.5°	8445.1	8470.2	8633.9	9087.0	*9477.1*	9691.1	10924.5	14649.9	17683.1	17733.4	16185.3
25°	8470.2	8482.8	8734.6	9338.7	*9829.5*	10093.8	11176.2	14234.5	18337.5	18765.4	16764.3
27.5°	8608.7	8646.5	8986.3	9665.9	*10244.8*	10546.9	11767.7	14373.0	19054.9	19935.9	17456.5
30°	8986.3	9011.4	9426.8	10131.6	*10760.9*	11075.5	12472.5	14926.8	19935.9	21144.2	18136.2
32.5°	9577.8	9603.0	10081.2	10811.2	*11490.8*	11868.4	13391.3	15984.0	20917.6	22415.3	18815.8
35°	10395.9	10408.5	10949.7	11730.0	*12447.4*	12875.3	14461.1	17179.6	21937.1	23497.7	19319.2
37.5°	11365.0	11453.1	12006.9	12824.9	*13668.2*	14058.3	15719.7	18576.7	22843.2	24416.5	19608.7
40°	12699.1	12724.3	13265.4	14058.3	*14951.9*	15329.5	16978.3	19898.2	23837.5	24957.7	19873.0
42.5°	14070.9	14284.9	14738.0	15619.0	*16286.0*	16588.1	18413.0	21106.4	24630.4	24982.8	19759.7
45°	15908.5	16072.1	16525.2	17305.5	*17972.5*	18324.9	19961.1	22214.0	25033.2	24768.9	19508.0
47.5°	18010.3	18111.0	18476.0	19180.8	*19923.3*	20175.1	21572.1	22843.2	25184.2	24617.8	19394.7
50°	20489.7	20489.7	20754.0	21358.1	*22037.8*	22390.2	23057.2	23220.8	25624.7	24353.5	19684.2
52.5°	22578.9	22679.6	23032.0	23887.9	*24567.5*	24970.2	24215.1	23799.8	24731.1	22881.0	19772.3
55°	24580.1	24693.4	25486.3	26556.1	*27714.0*	28154.5	25662.5	23510.3	21723.1	20728.8	19168.2
57.5°	26493.1	26732.3	27726.5	29815.8	*31565.2*	31527.5	27500.0	20917.6	17733.4	18350.1	17846.7
60°	29161.3	29413.0	30998.8	33629.3	*35768.9*	34875.3	27525.2	17406.2	13819.2	14649.9	15367.3
62.5°	31389.0	31816.9	34145.3	38525.2	*40488.5*	39091.5	25247.1	13328.4	9175.1	10219.7	11881.0
65°	31187.6	31754.0	35366.1	42124.7	*45057.2*	43760.9	21911.9	8432.5	4732.3	6985.1	8319.2
67°	*28443.9*	*29060.6*	*33742.6*	*42250.6*	*46693.4*	*43924.5*	*18501.1*	*5097.3*	*3008.0*	*4845.5*	*5776.9*
67.5°	26870.7	27776.9	32937.1	42011.4	*46391.3*	43232.3	16965.7	4266.6	2831.8	4505.7	5260.9
70°	16525.2	17985.1	24718.5	37140.7	*41583.5*	36184.2	9426.8	2416.5	2303.2	3020.6	3637.3
72.5°	4971.4	5411.9	9540.0	23824.9	*30520.6*	26820.4	4241.4	1862.7	2064.1	2429.1	2806.6
75°	2416.5	2580.1	3939.4	9741.4	*14863.8*	14788.3	2366.1	1598.4	1913.0	2038.9	2215.1
77.5°	1548.1	1648.7	2454.2	5449.7	*6808.9*	6066.4	1711.7	1397.0	1699.1	1673.9	1648.7
80°	969.1	1019.5	1573.2	3159.0	*5021.7*	4191.1	1258.6	1145.3	1460.0	1296.3	1170.5
82.5°	629.3	692.2	1006.9	1925.6	*3587.0*	3121.3	830.7	818.1	1208.2	1032.0	906.2
85°	415.3	465.7	641.9	1132.7	*2127.0*	2227.7	541.2	566.4	931.3	780.3	692.2
87.5°	151.0	188.8	327.2	503.4	*994.3*	1233.4	226.5	214.0	453.1	365.0	289.5
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: P1457297
CATALOG NUMBER: GLAN-SB8C-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12950.8	12950.8	12950.8	12950.8	12950.8	12950.8	12950.8	12950.8	12950.8	12950.8	12950.8
2.5°	12988.6	12950.8	12774.6	12623.6	12510.3	12359.3	12195.6	12006.9	11881.0	11906.2	11868.4
5°	13051.5	12950.8	12611.0	12095.0	11591.5	10962.2	10156.7	9678.5	9313.5	9124.7	9175.1
7.5°	13189.9	13013.7	12296.3	11251.7	9942.8	8659.0	7866.1	7413.0	7199.1	7111.0	7098.4
10°	13429.1	13127.0	11893.6	9942.8	8231.1	7362.7	7073.2	6947.4	6922.2	6922.2	6909.6
12.5°	13718.5	13240.3	11214.0	8671.6	7413.0	7098.4	7048.1	7060.6	7098.4	7136.2	7073.2
15°	14070.9	13290.6	10370.7	7903.9	7249.4	7173.9	7249.4	7337.5	7400.5	7450.8	7387.9
17.5°	14423.3	13240.3	9577.8	7538.9	7274.6	7375.3	7526.3	7664.8	7702.5	7778.0	7727.7
20°	14675.1	13064.1	8898.2	7400.5	7337.5	7564.1	7752.9	7903.9	7979.4	8029.7	7979.4
22.5°	14863.8	12837.5	8407.3	7262.0	7337.5	7614.4	7841.0	8017.2	8105.3	8155.6	8092.7
25°	15027.5	12522.9	8029.7	7060.6	7186.5	7450.8	7702.5	7878.7	8004.6	8080.1	8042.3
27.5°	15228.8	12271.2	7677.3	6758.6	6871.9	7123.6	7387.9	7601.8	7841.0	7966.8	7941.6
30°	15455.4	12145.3	7337.5	6431.3	6506.9	6758.6	7073.2	7362.7	7689.9	7853.5	7853.5
32.5°	15719.7	12057.2	7022.9	6116.7	6179.6	6456.5	6758.6	7022.9	7375.3	7639.6	7627.0
35°	15832.9	11956.5	6771.2	5827.2	5953.1	6179.6	6418.8	6595.0	6960.0	7274.6	7299.8
37.5°	15946.2	11918.8	6645.3	5600.7	5701.4	5877.6	6003.4	6091.5	6431.3	6758.6	6771.2
40°	16084.7	12095.0	6733.4	5449.7	5361.6	5537.8	5600.7	5651.0	5827.2	6041.2	6041.2
42.5°	15996.6	12220.8	6934.8	5311.2	4946.2	5147.6	5172.8	5160.2	5172.8	5185.4	5172.8
45°	15770.0	12095.0	6934.8	5097.3	4505.7	4719.7	4707.1	4644.2	4543.5	4279.2	4241.4
47.5°	15719.7	12019.4	6670.5	4744.8	4065.2	4241.4	4266.6	4140.7	3851.3	3574.4	3486.3
50°	15933.6	12157.9	6255.1	4316.9	3687.6	3838.7	3901.6	3687.6	3360.4	3070.9	3020.6
52.5°	16248.3	12334.1	5651.0	3851.3	3373.0	3524.0	3599.5	3360.4	3020.6	2794.0	2768.9
55°	16210.5	12334.1	4971.4	3423.3	3133.9	3247.1	3373.0	3121.3	2857.0	2731.1	2718.5
57.5°	15392.4	11868.4	4468.0	3121.3	2907.3	3008.0	3171.6	2932.5	2680.8	2705.9	2743.7
60°	13794.0	10660.2	4090.4	2919.9	2705.9	2806.6	2982.8	2705.9	2378.7	2290.6	2290.6
62.5°	11365.0	8784.9	3788.3	2718.5	2517.2	2643.0	2731.1	2366.1	2152.2	2051.5	2051.5
65°	8520.6	6796.3	3473.7	2554.9	2353.5	2492.0	2391.3	2215.1	2001.1	1925.6	1938.2
67°	*6318.1*	*5273.5*	*3209.4*	*2416.5*	*2252.9*	*2315.8*	*2240.3*	*2114.4*	*1900.5*	*1837.5*	*1900.5*
67.5°	5676.2	5009.2	3146.5	2378.7	2227.7	2278.0	2202.5	2101.8	1875.3	1812.4	1875.3
70°	3901.6	3851.3	2806.6	2202.5	2089.2	2038.9	2076.7	1950.8	1762.0	1736.8	1799.8
72.5°	2970.3	3070.9	2517.2	2051.5	1938.2	1875.3	1963.4	1837.5	1648.7	1686.5	1749.4
75°	2328.4	2479.4	2252.9	1837.5	1762.0	1774.6	1950.8	1900.5	1749.4	1787.2	1799.8
77.5°	1724.3	2001.1	1925.6	1598.4	1535.5	1711.7	2202.5	2353.5	2089.2	2026.3	1938.2
80°	1258.6	1434.8	1623.6	1321.5	1283.8	1648.7	2718.5	3008.0	2580.1	2328.4	2265.4
82.5°	931.3	1006.9	1334.1	1057.2	931.3	1472.5	3020.6	3536.6	3070.9	2592.7	2517.2
85°	667.0	780.3	1057.2	780.3	616.7	1208.2	2957.7	3461.1	3045.8	2454.2	2391.3
87.5°	239.1	339.8	453.1	352.4	314.6	830.7	2441.6	2492.0	1900.5	868.4	881.0
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

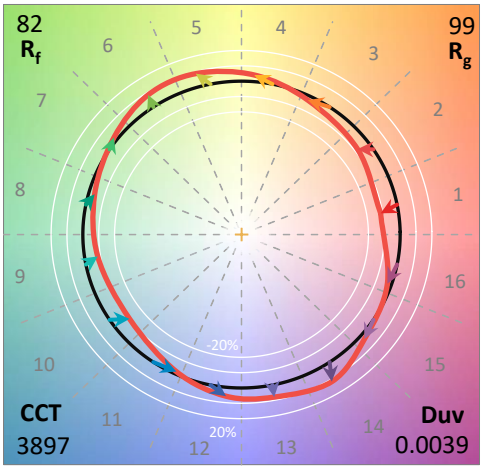
Test Information

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

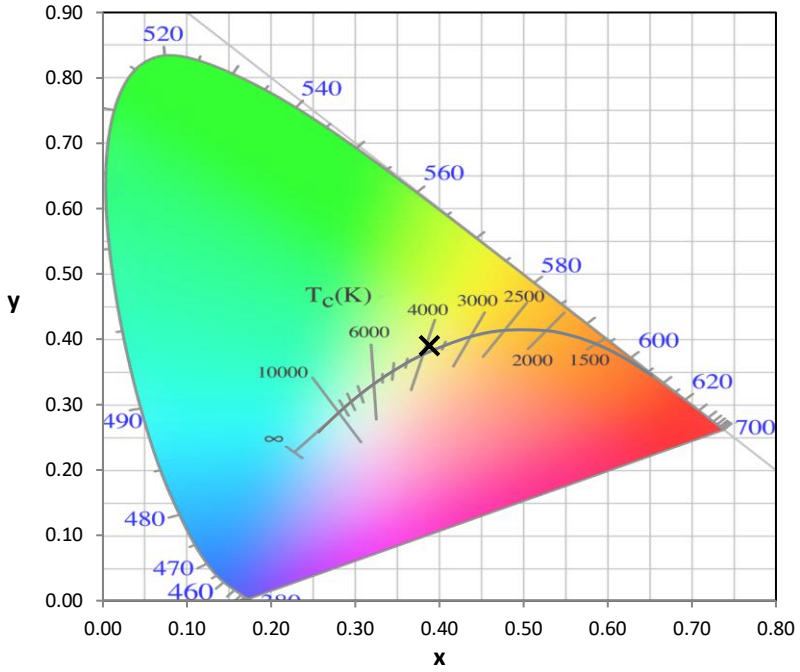
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

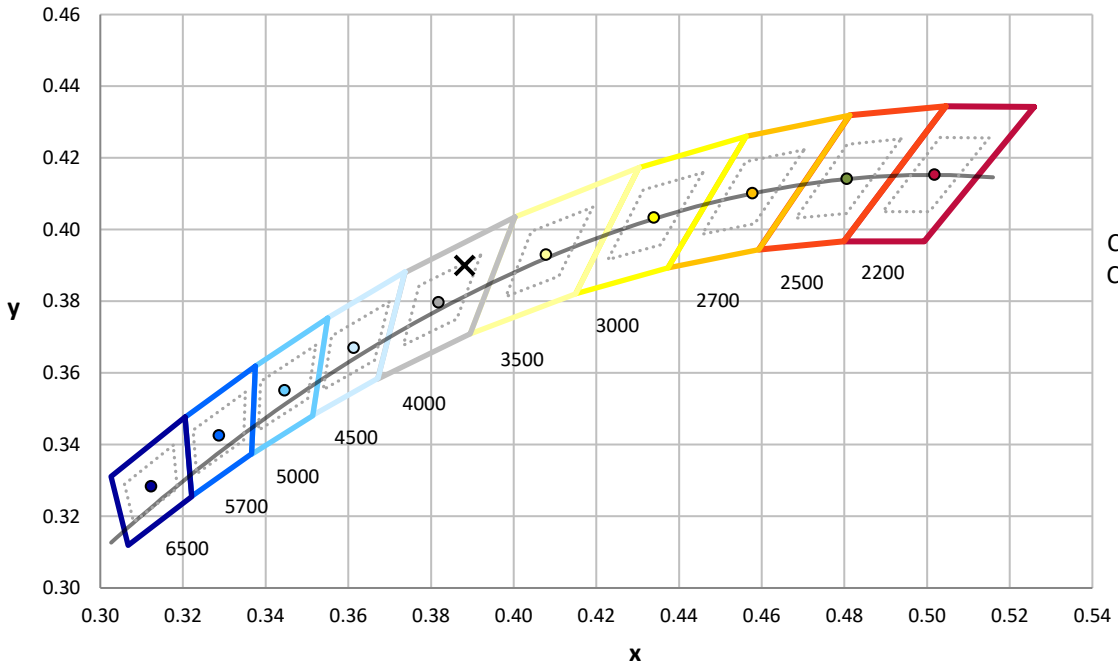
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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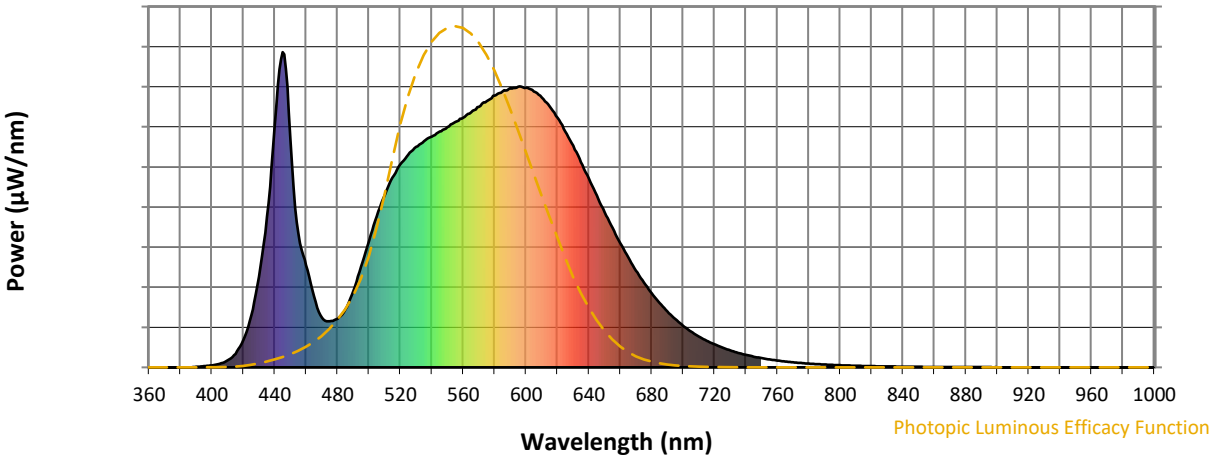
Photopic Flux vs. Wavelength



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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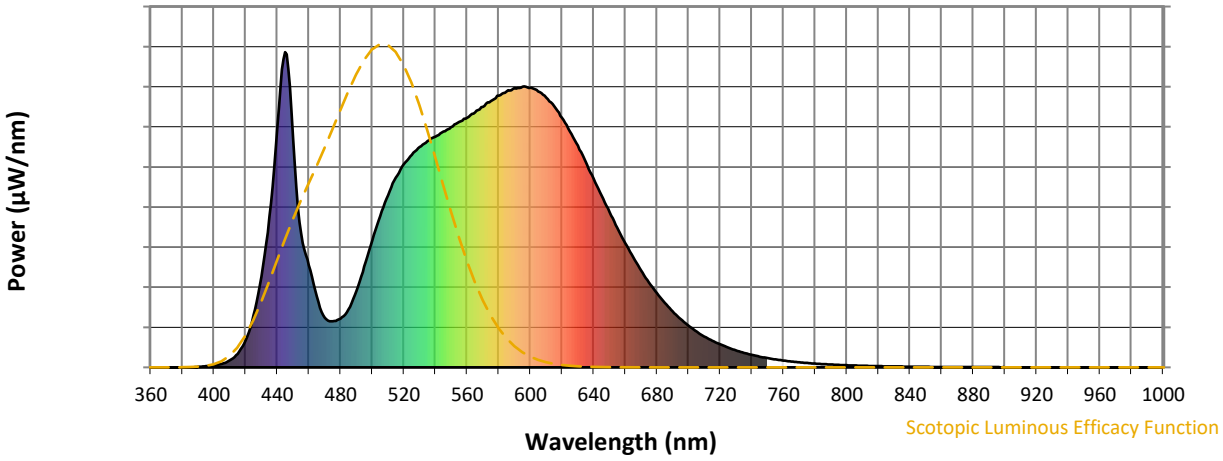
Scotopic Flux vs. Wavelength



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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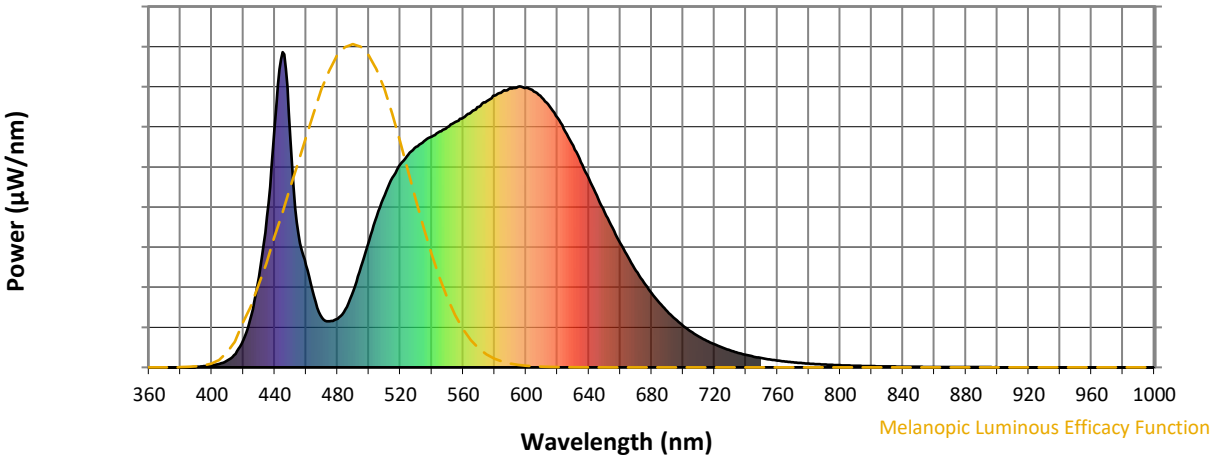
Melanopic Flux vs. Wavelength



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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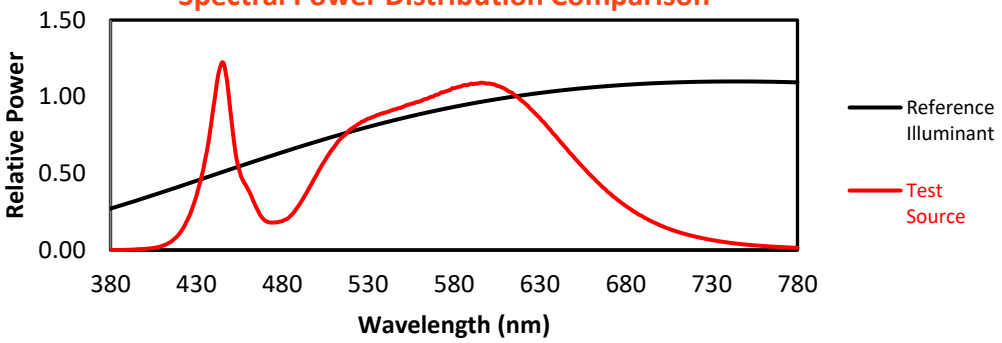
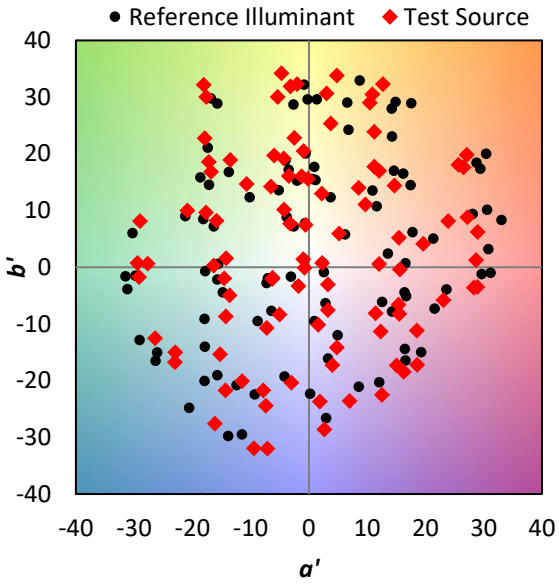
Summary

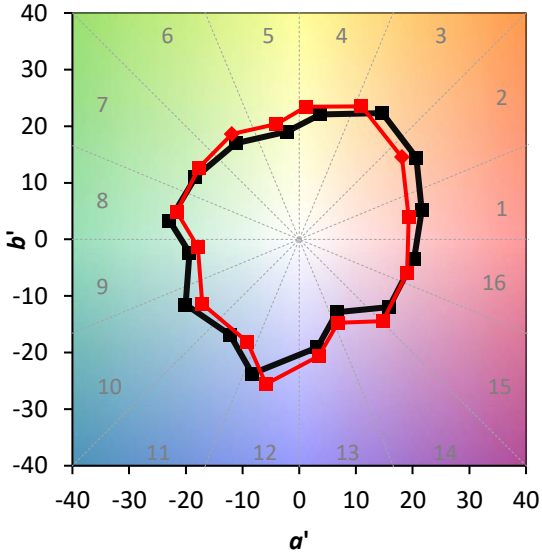
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

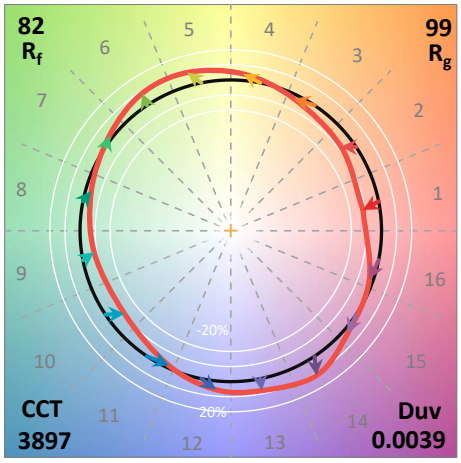
Spectral Power Distribution Comparison

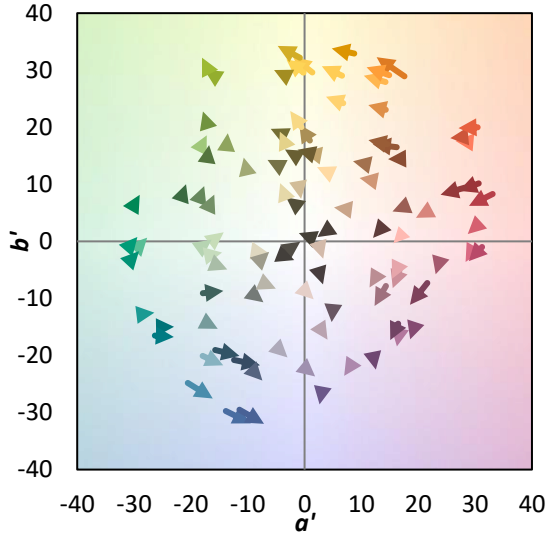


Color Vector Graphics









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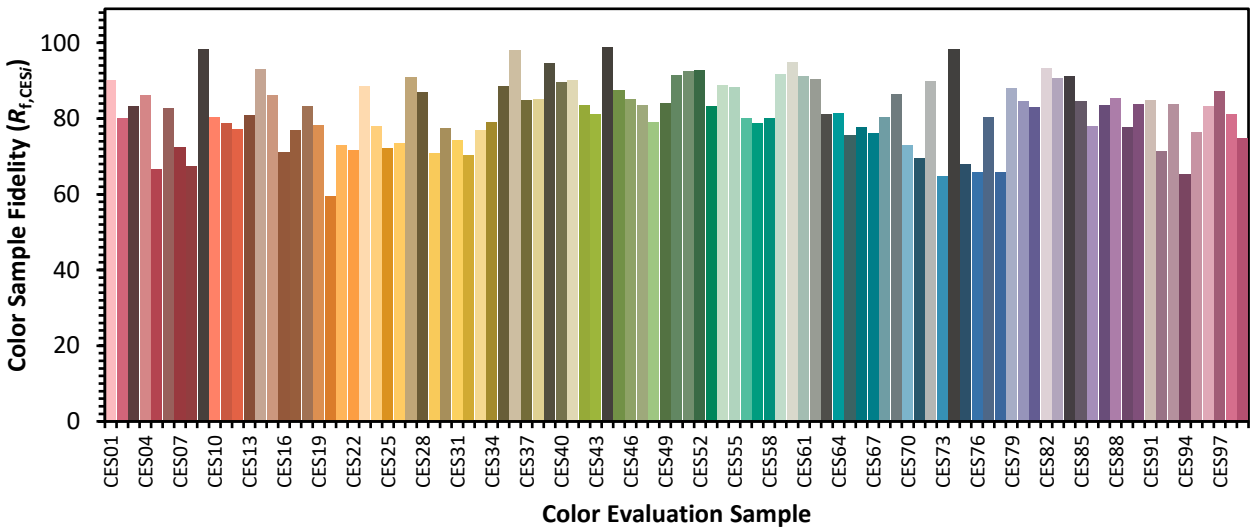
Individual Sample Fidelity Index ($R_{f,i}$)

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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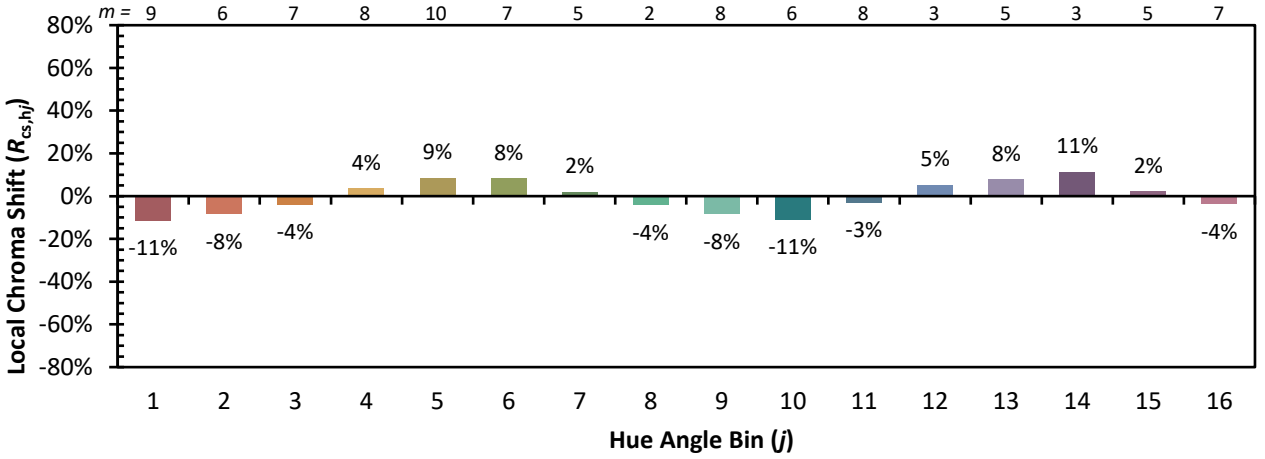
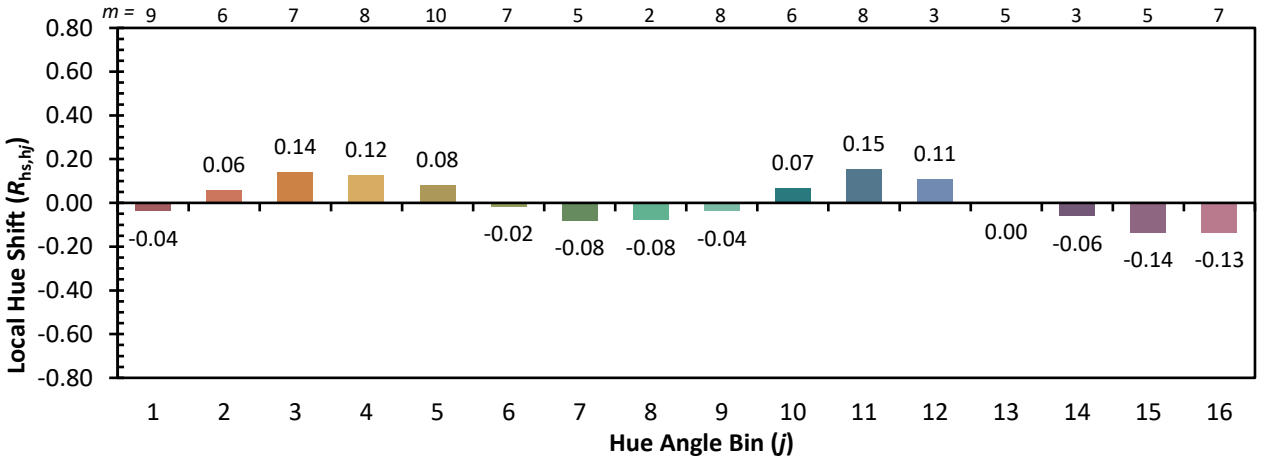
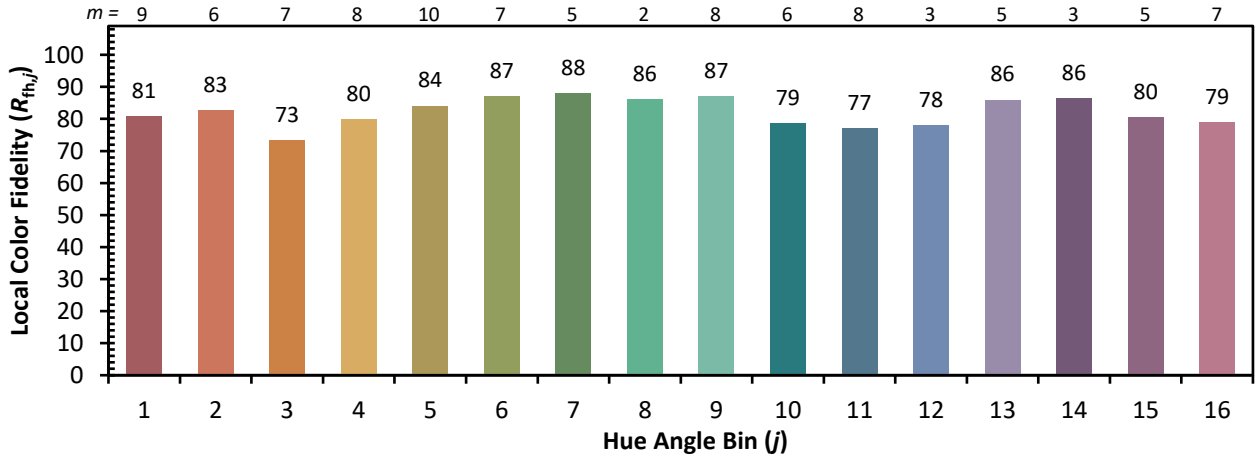
Color Rendition by Hue-Angle Bin







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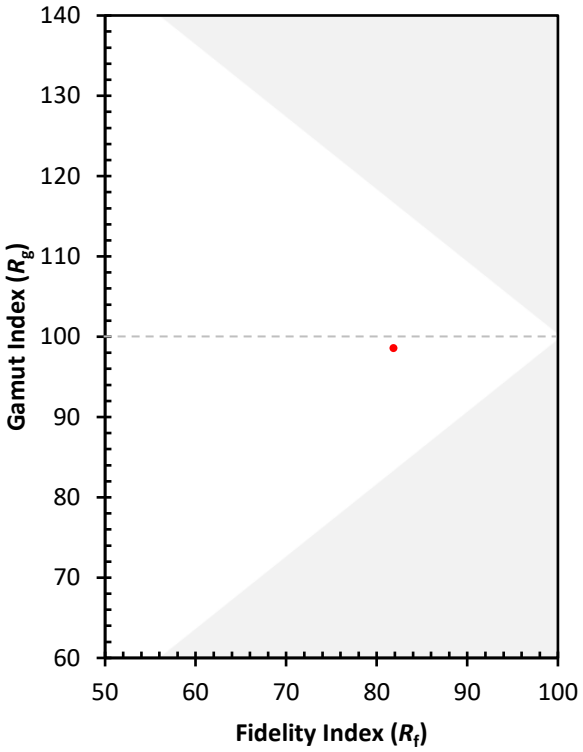
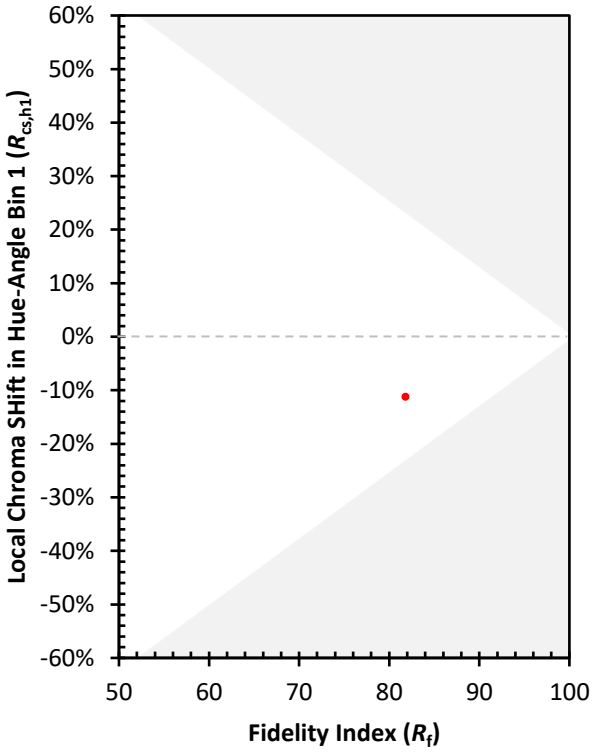
Measure Comparisons





(END OF REPORT)