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: P1458026

Luminaire Tested: GLAN-SB1D-940-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:	P1458026
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1D-940-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(26) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5343.4 lumens
Efficiency:	N/A
Efficacy:	67.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	79.6
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: P1458026
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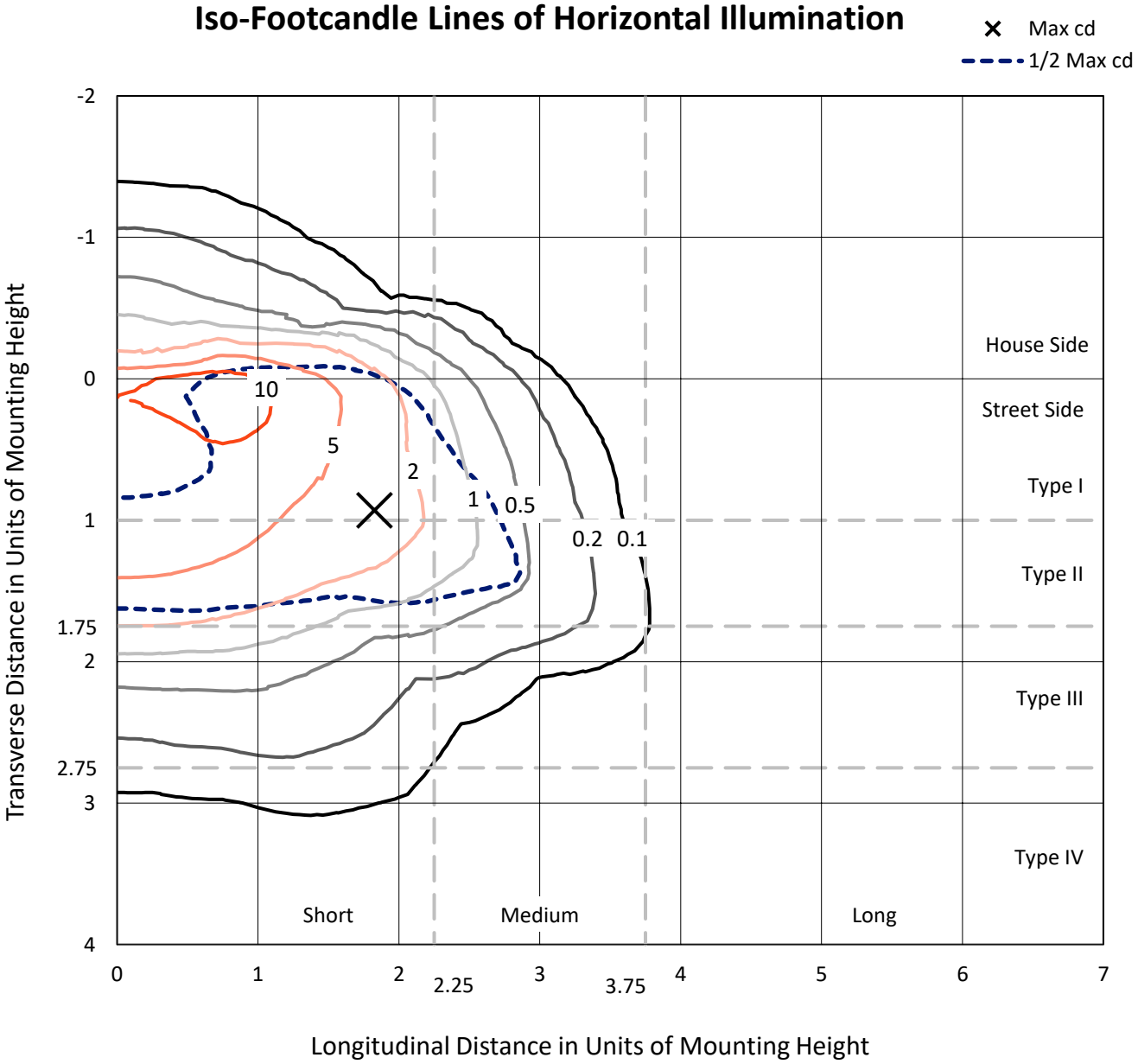
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 15.3 fc
Type II - Short - N/A

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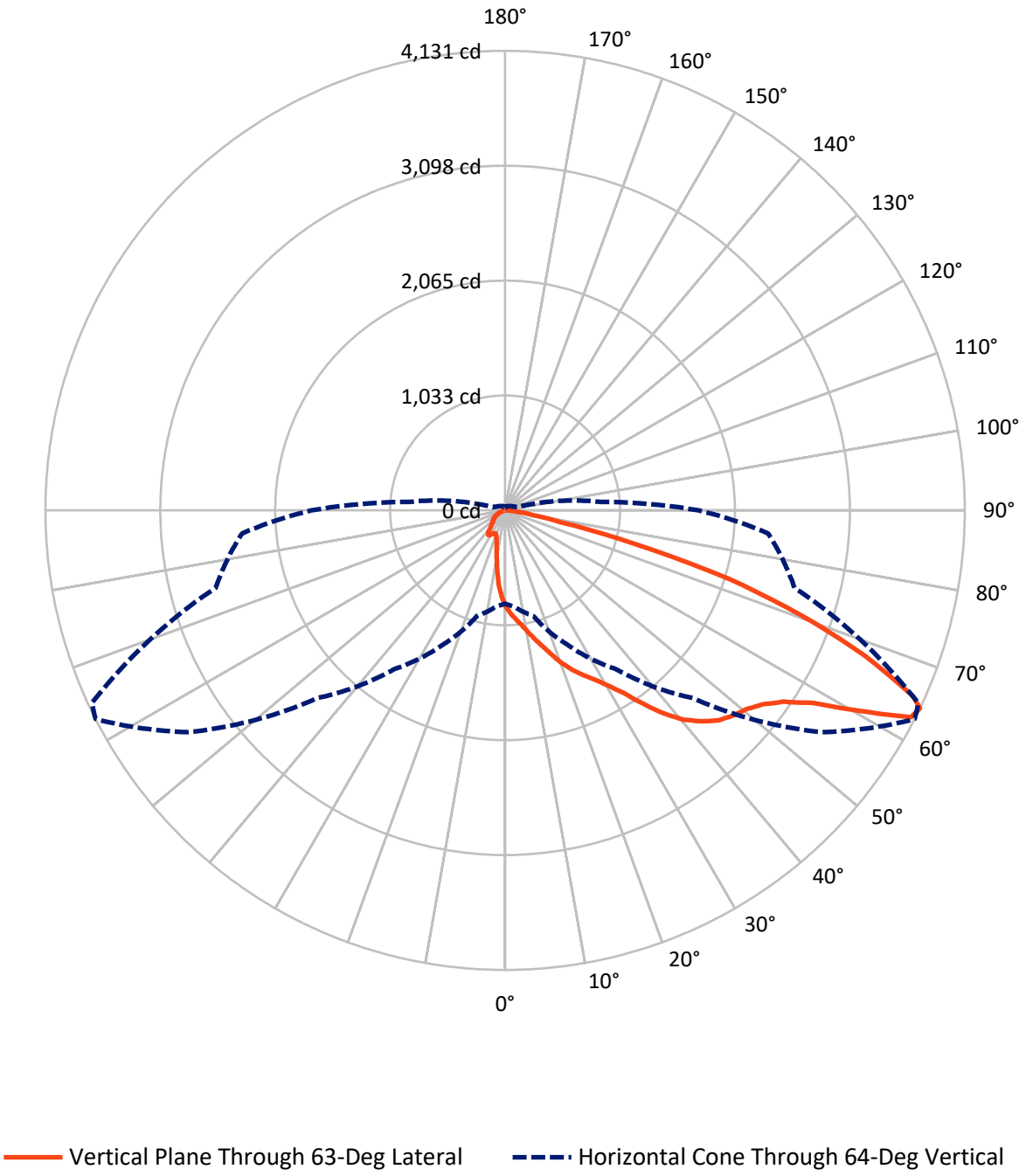
Luminous Intensity Polar Plot



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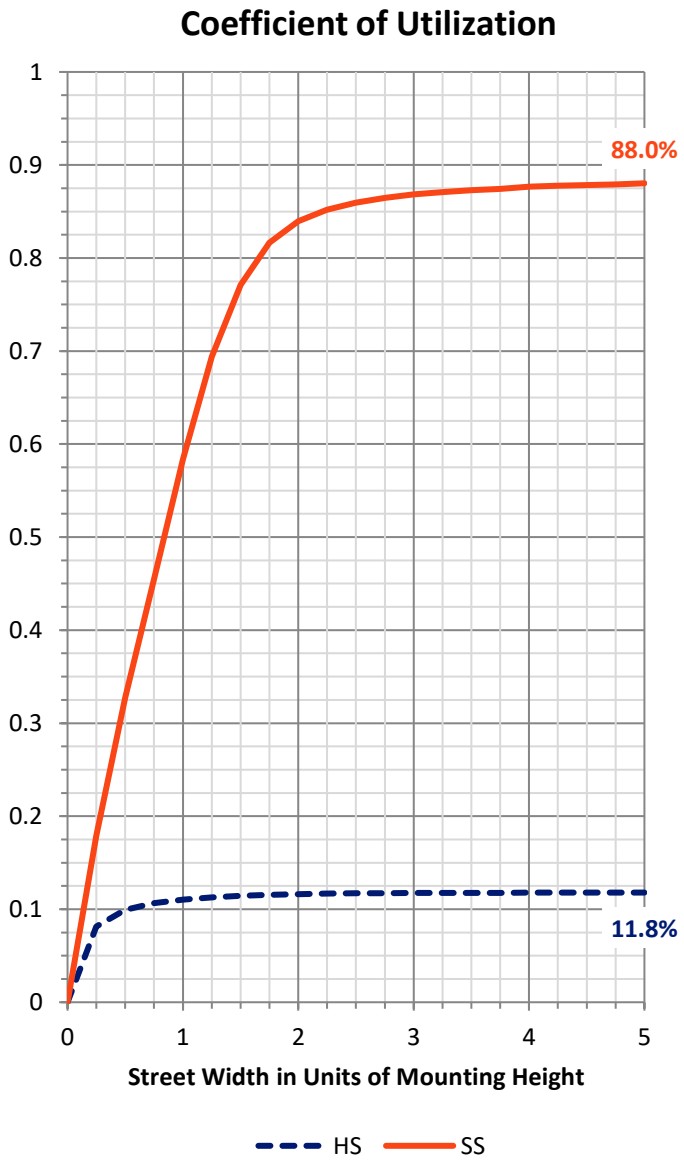
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	634.1	0.0	634.1
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	4709.3	0.0	4709.3
	% Fixture	88.1	0.0	88.1
Total	Lumens	5343.4	0.0	5343.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.8	1.4
10°-20°	204.4	3.8
20°-30°	364.1	6.8
30°-40°	695.5	13.0
40°-50°	1152.8	21.6
50°-60°	1437.0	26.9
60°-70°	1071.5	20.1
70°-80°	307.3	5.8
80°-90°	38.0	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°	5343.4	100.0
0°-180°	5343.4	100.0



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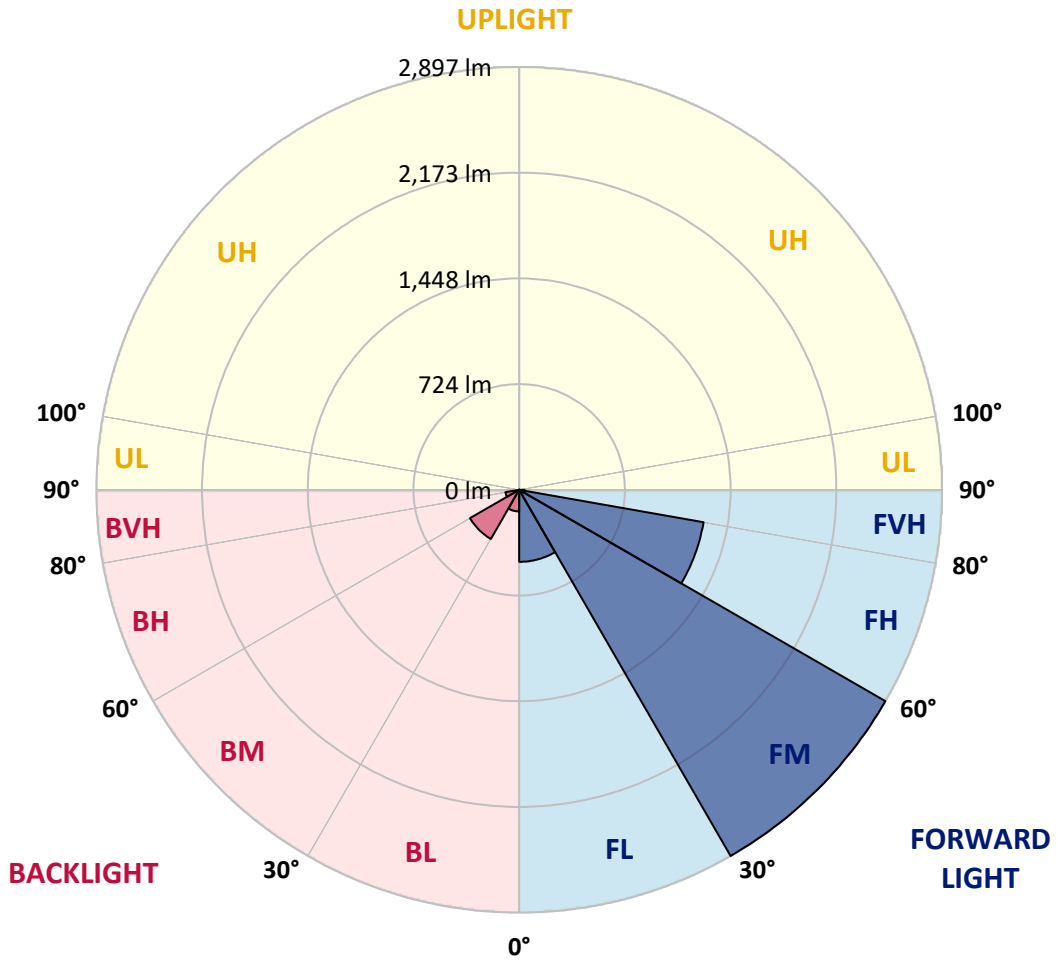
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	493.4	9.2			
FM	(30°-60°)	2896.9	54.2			
FH	(60°-80°)	1282.9	24.0			G1/1800
FVH	(80°-90°)	36.1	0.7			G1/100
BL	(0°-30°)	147.9	2.8	B1/500		
BM	(30°-60°)	388.4	7.3	B1/1000		
BH	(60°-80°)	95.9	1.8	B0/110		G0/110
BVH	(80°-90°)	1.9	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-G1
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	864.0	864.0	864.0	864.0	864.0	864.0	864.0	*864.0*	864.0	864.0	864.0
2.5°	968.2	964.9	961.7	956.9	950.5	944.1	936.1	*924.9*	920.1	904.0	884.8
5°	1017.8	1017.8	1016.2	1013.0	1009.8	1003.4	993.8	*979.4*	973.0	950.5	916.9
7.5°	1030.7	1032.3	1037.1	1043.5	1053.1	1051.5	1051.5	*1035.5*	1032.3	1008.2	963.3
10°	1008.2	1009.8	1022.7	1040.3	1069.1	1096.4	1115.6	*1106.0*	1101.2	1077.1	1021.0
12.5°	976.2	976.2	997.0	1024.3	1069.1	1120.4	1176.5	*1186.1*	1187.7	1160.5	1093.2
15°	892.8	896.0	929.7	984.2	1057.9	1138.1	1232.6	*1269.5*	1279.1	1261.5	1181.3
17.5°	782.2	785.4	819.1	892.8	1003.4	1138.1	1280.7	*1365.7*	1378.5	1381.7	1293.5
20°	735.7	735.7	755.0	811.1	926.5	1107.6	1309.6	*1468.3*	1497.1	1532.4	1417.0
22.5°	742.1	742.1	753.4	785.4	878.4	1065.9	1327.2	*1559.6*	1618.9	1708.7	1575.7
25°	777.4	777.4	787.0	807.9	883.2	1059.5	1360.9	*1641.4*	1735.9	1905.8	1756.8
27.5°	833.5	831.9	839.9	860.8	929.7	1090.0	1417.0	*1723.1*	1828.9	2127.1	1965.2
30°	915.3	910.4	913.7	937.7	1005.0	1160.5	1498.7	*1827.3*	1934.7	2369.1	2196.0
32.5°	1104.4	1102.8	1056.3	1043.5	1115.6	1274.3	1610.9	*1957.1*	2077.4	2625.6	2433.2
35°	1445.8	1468.3	1402.5	1234.2	1248.7	1426.6	1771.2	*2133.5*	2244.1	2898.0	2691.3
37.5°	1792.0	1792.0	1764.8	1566.0	1465.1	1594.9	1944.3	*2314.6*	2430.0	3117.6	2939.7
40°	2066.1	2080.6	2048.5	1899.4	1768.0	1787.2	2117.4	*2473.3*	2579.1	3252.3	3116.0
42.5°	2269.7	2266.5	2253.7	2155.9	2082.2	2038.9	2274.5	*2591.9*	2692.9	3321.2	3226.6
45°	2489.3	2489.3	2471.7	2391.5	2330.6	2293.8	2391.5	*2691.3*	2797.1	3362.9	3295.6
47.5°	2718.5	2715.3	2697.7	2609.5	2543.8	2489.3	2510.1	*2755.4*	2861.2	3335.6	3306.8
50°	2774.6	2771.4	2811.5	2814.7	2755.4	2651.2	2604.7	*2809.9*	2902.9	3337.2	3342.0
52.5°	2708.9	2728.1	2787.4	2859.6	2926.9	2817.9	2705.7	*2896.4*	2992.6	3382.1	3430.2
55°	2545.4	2553.4	2667.2	2782.6	2939.7	2978.2	2867.6	*3034.3*	3119.2	3425.4	3508.8
57.5°	2240.9	2271.3	2393.1	2593.5	2832.3	2992.6	3149.7	*3265.1*	3329.2	3443.0	3465.5
60°	1691.1	1707.1	1971.6	2231.2	2609.5	2877.2	3412.6	*3656.2*	3648.2	3244.3	3162.5
62.5°	1029.1	1043.5	1232.6	1644.6	2120.6	2636.8	3500.7	*4093.8*	4050.5	2909.3	2662.4
64°	*838.3*	*865.6*	*982.6*	*1335.2*	*1744.0*	*2385.1*	*3475.1*	*4130.7*	*4097.0*	*2692.9*	*2372.3*
65°	716.5	753.4	873.6	1158.9	1482.7	2114.2	3404.6	*4028.1*	4005.7	2561.4	2131.9
67.5°	450.4	468.0	646.0	900.8	1021.0	1352.8	2926.9	*3483.1*	3523.2	2282.5	1572.4
70°	335.0	343.0	444.0	697.3	796.6	787.0	2010.0	*2821.1*	2830.7	1825.7	948.9
72.5°	243.6	245.2	311.0	516.1	623.5	537.0	1059.5	*2096.6*	2027.7	1069.1	517.7
75°	161.9	168.3	218.0	363.9	485.7	394.3	482.5	*1194.2*	1173.3	522.5	296.5
77.5°	118.6	120.2	147.5	243.6	381.5	290.1	291.7	*514.5*	530.6	311.0	187.5
80°	67.3	70.5	96.2	149.1	248.4	198.8	163.5	*248.4*	285.3	211.6	125.0
82.5°	40.1	43.3	68.9	97.8	169.9	81.7	83.4	*136.2*	169.9	152.3	67.3
85°	24.0	25.6	43.3	52.9	101.0	54.5	30.5	*67.3*	88.2	89.8	36.9
87.5°	16.0	16.0	24.0	22.4	28.9	25.6	12.8	*17.6*	22.4	30.5	14.4
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: P1458026
CATALOG NUMBER: GLAN-SB1D-940-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0
2.5°	868.8	859.2	830.3	791.8	756.6	729.3	695.7	673.2	652.4	652.4	634.7
5°	889.6	864.0	793.4	705.3	610.7	520.9	463.2	399.1	378.3	360.7	363.9
7.5°	924.9	878.4	753.4	594.7	444.0	347.8	283.7	254.9	242.0	234.0	235.6
10°	968.2	904.0	705.3	482.5	327.0	254.9	224.4	213.2	208.4	206.8	206.8
12.5°	1027.5	934.5	657.2	387.9	258.1	219.6	203.6	197.2	192.3	189.1	189.1
15°	1098.0	973.0	601.1	319.0	226.0	202.0	189.1	182.7	176.3	174.7	174.7
17.5°	1187.7	1013.0	551.4	274.1	210.0	189.1	176.3	168.3	163.5	161.9	161.9
20°	1287.1	1062.7	501.7	248.4	198.8	176.3	163.5	157.1	152.3	149.1	150.7
22.5°	1413.8	1125.2	469.7	235.6	189.1	165.1	152.3	145.9	141.1	137.8	139.5
25°	1553.2	1203.8	452.0	235.6	182.7	157.1	142.7	136.2	131.4	128.2	128.2
27.5°	1723.1	1291.9	453.6	245.2	181.1	150.7	134.6	128.2	123.4	118.6	118.6
30°	1910.7	1396.1	471.3	262.9	184.3	144.3	128.2	118.6	115.4	110.6	110.6
32.5°	2109.4	1516.3	516.1	285.3	181.1	136.2	118.6	110.6	105.8	102.6	102.6
35°	2319.4	1652.6	572.2	294.9	165.1	125.0	110.6	102.6	99.4	97.8	96.2
37.5°	2519.8	1771.2	602.7	275.7	144.3	115.4	101.0	93.0	91.4	88.2	88.2
40°	2675.2	1869.0	585.1	235.6	133.0	105.8	93.0	85.0	81.7	78.5	78.5
42.5°	2766.6	1904.2	520.9	200.4	125.0	96.2	85.0	76.9	73.7	72.1	72.1
45°	2819.5	1899.4	445.6	179.5	117.0	88.2	76.9	72.1	67.3	65.7	64.1
47.5°	2817.9	1849.7	391.1	161.9	109.0	81.7	72.1	67.3	62.5	60.9	60.9
50°	2806.7	1776.0	330.2	149.1	102.6	76.9	67.3	64.1	59.3	57.7	56.1
52.5°	2833.9	1734.3	275.7	141.1	94.6	73.7	65.7	60.9	54.5	52.9	52.9
55°	2867.6	1710.3	221.2	133.0	88.2	72.1	62.5	57.7	51.3	49.7	49.7
57.5°	2769.8	1618.9	182.7	120.2	80.1	68.9	59.3	56.1	49.7	44.9	44.9
60°	2462.1	1338.4	150.7	105.8	73.7	64.1	56.1	51.3	44.9	38.5	38.5
62.5°	2002.0	1021.0	125.0	89.8	68.9	59.3	51.3	46.5	38.5	30.5	30.5
64°	*1739.1*	*867.2*	*112.2*	*78.5*	*65.7*	*54.5*	*46.5*	*41.7*	*33.7*	*25.6*	*24.0*
65°	1559.6	766.2	104.2	73.7	64.1	51.3	44.9	40.1	30.5	24.0	22.4
67.5°	1098.0	514.5	83.4	60.9	56.1	43.3	38.5	33.7	27.2	20.8	19.2
70°	639.6	291.7	65.7	51.3	43.3	33.7	32.1	30.5	24.0	16.0	16.0
72.5°	347.8	145.9	49.7	41.7	33.7	24.0	27.2	24.0	19.2	12.8	11.2
75°	213.2	89.8	36.9	30.5	22.4	17.6	20.8	17.6	11.2	8.0	6.4
77.5°	142.7	57.7	27.2	20.8	14.4	11.2	14.4	9.6	4.8	1.6	1.6
80°	88.2	40.1	17.6	12.8	8.0	4.8	3.2	1.6	1.6	0.0	0.0
82.5°	38.5	25.6	9.6	6.4	3.2	1.6	1.6	0.0	0.0	0.0	0.0
85°	20.8	8.0	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	3.2	1.6	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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

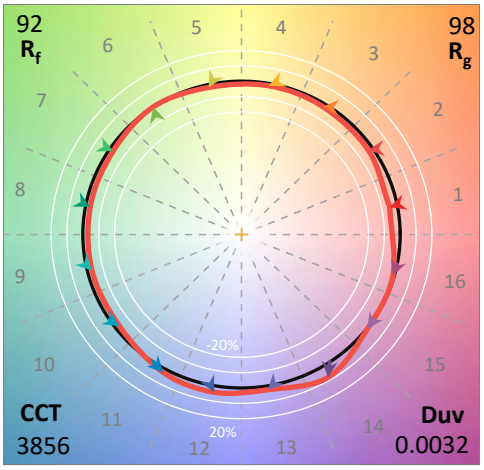
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-16
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-940-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3856
CIE u':	0.2261
CIE v':	0.5084
Duv:	0.0032
CIE x:	0.3896
CIE y:	0.3894
CIE z:	0.2211
Peak Wavelength (nm):	614
Dominant Wavelength (nm):	578
Purity:	33.77304
Rf:	91.8
Rg:	98.4

CRI (Ra):	92.1
R1:	91.8
R2:	94.1
R3:	95.3
R4:	92.8
R5:	91.0
R6:	91.6
R7:	95.0
R8:	85.2
R9:	60.7
R10:	85.2
R11:	92.4
R12:	74.5
R13:	92.3
R14:	97.0
R15:	88.5



Test Conditions

Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

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

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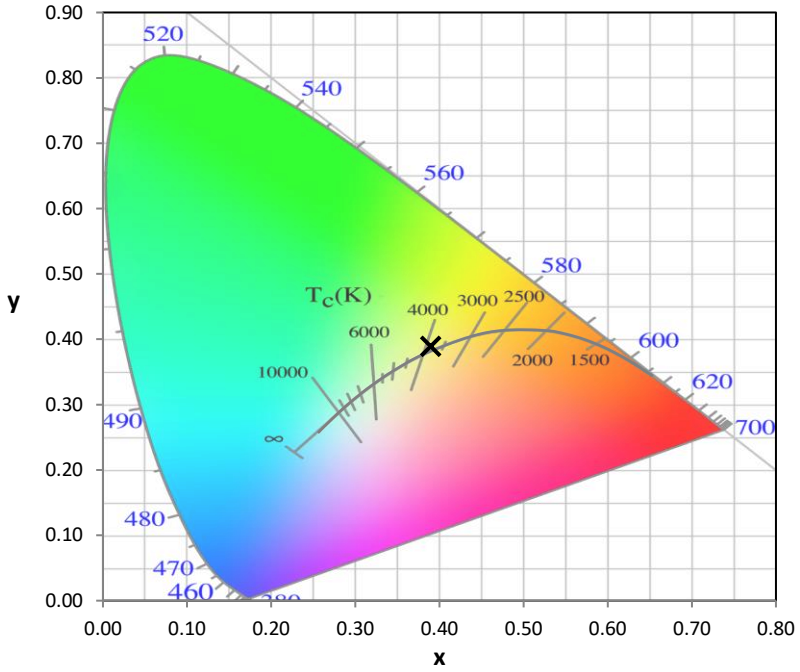
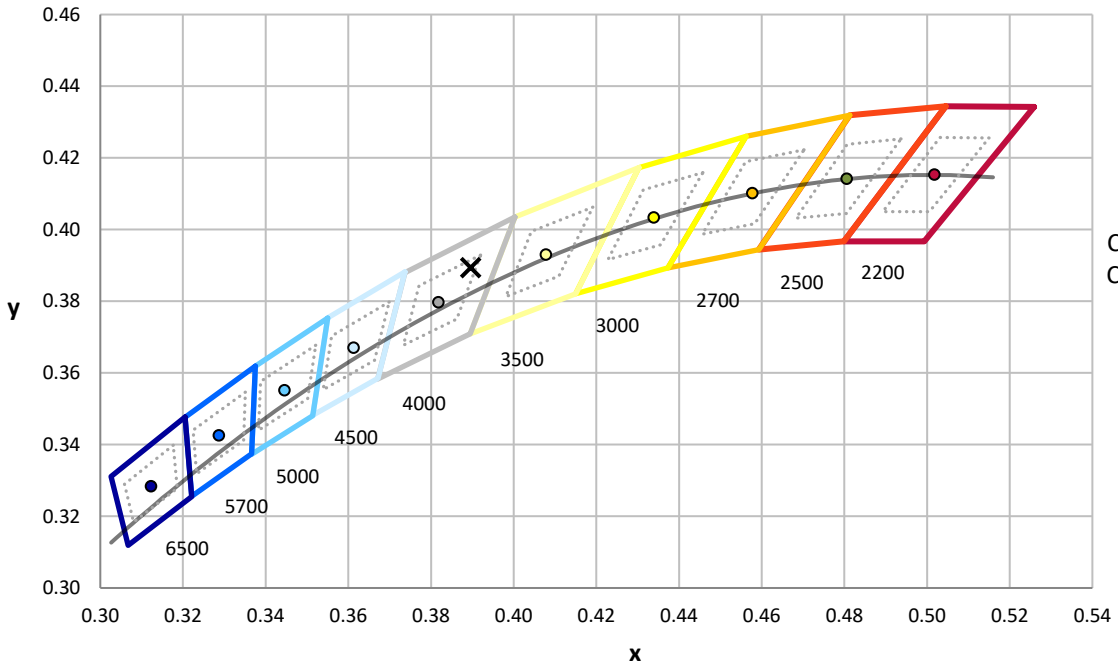
CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

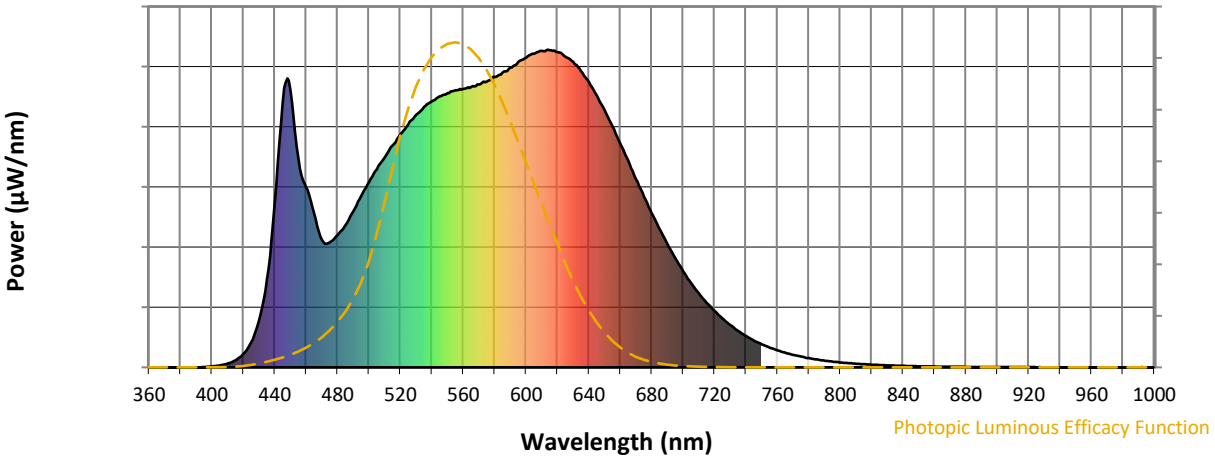


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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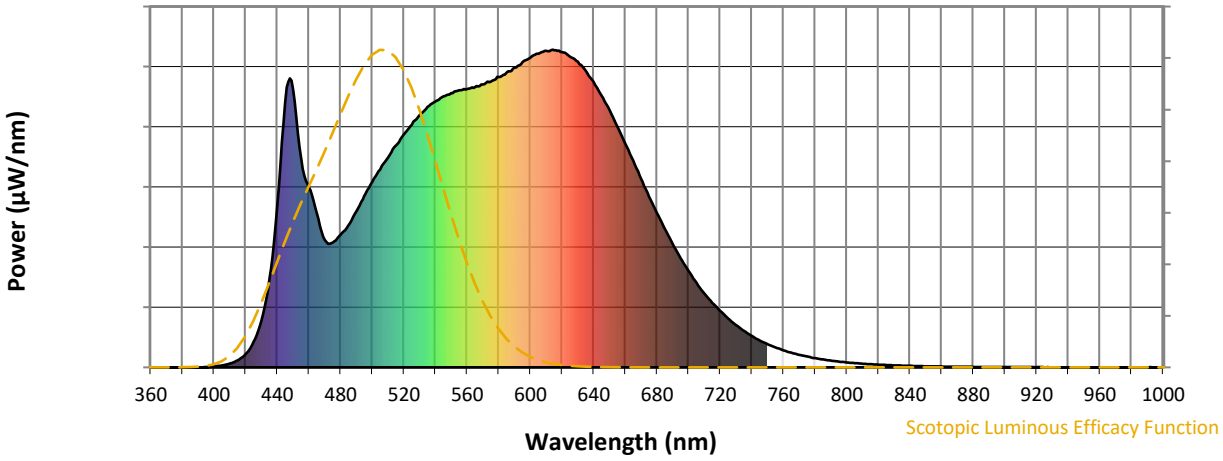
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.72**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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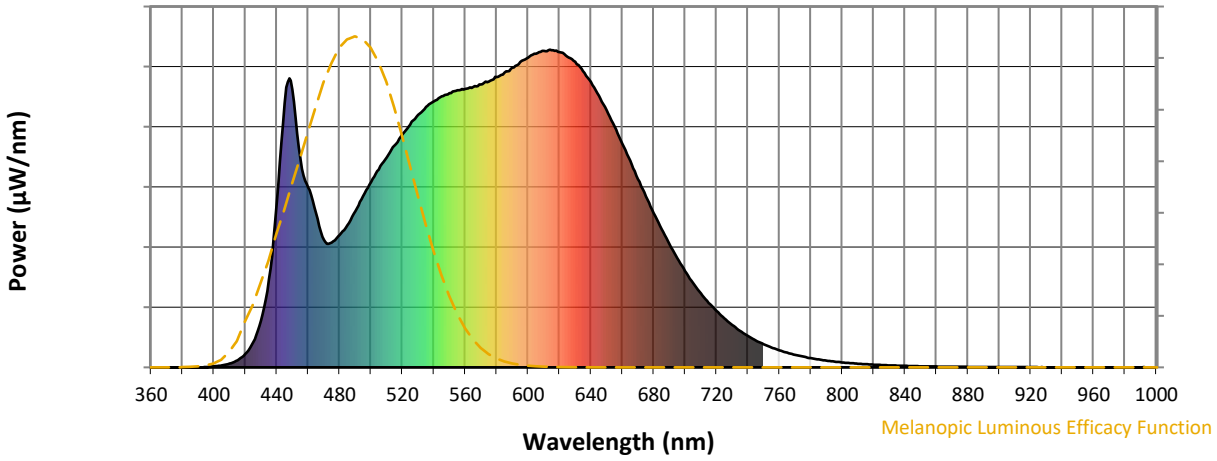
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.52**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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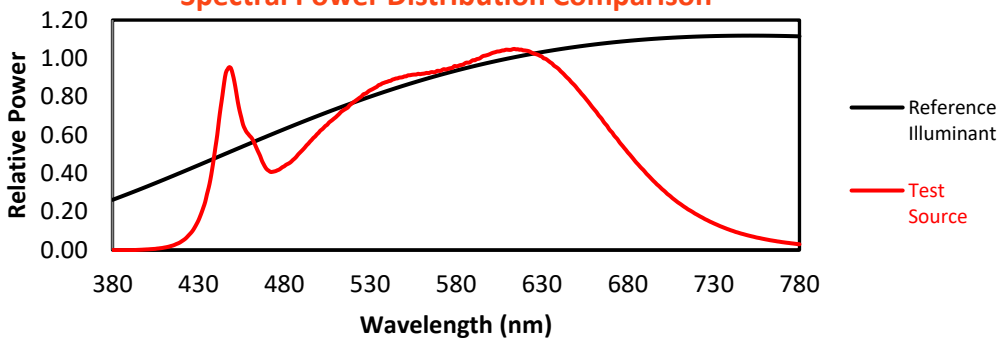
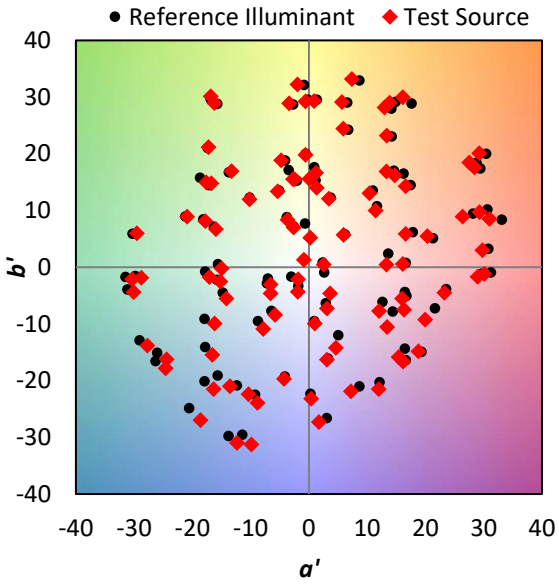
Summary

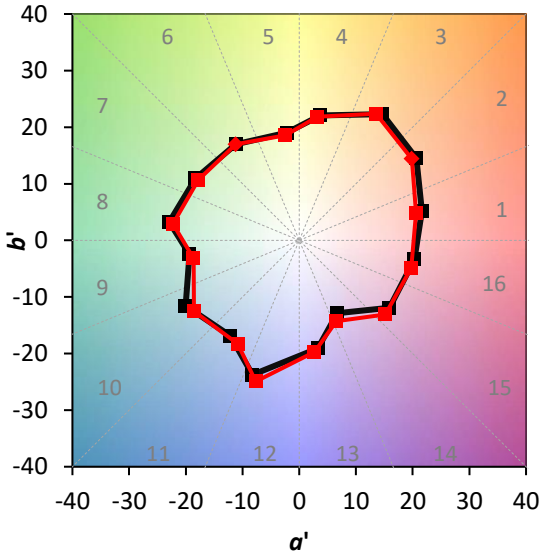
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

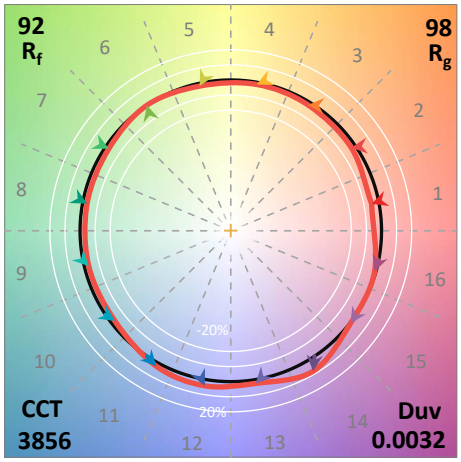
Spectral Power Distribution Comparison

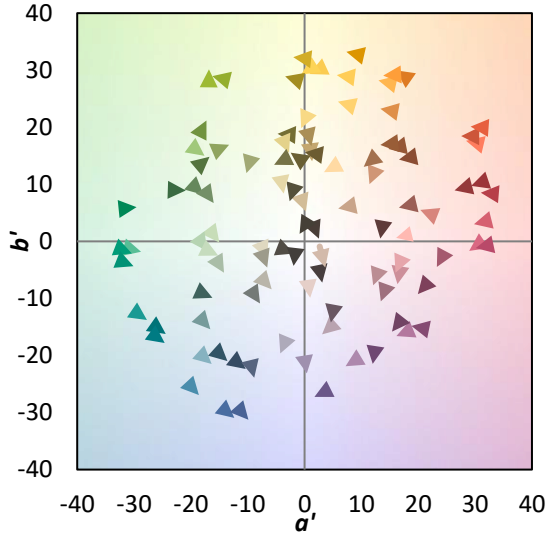


Color Vector Graphics









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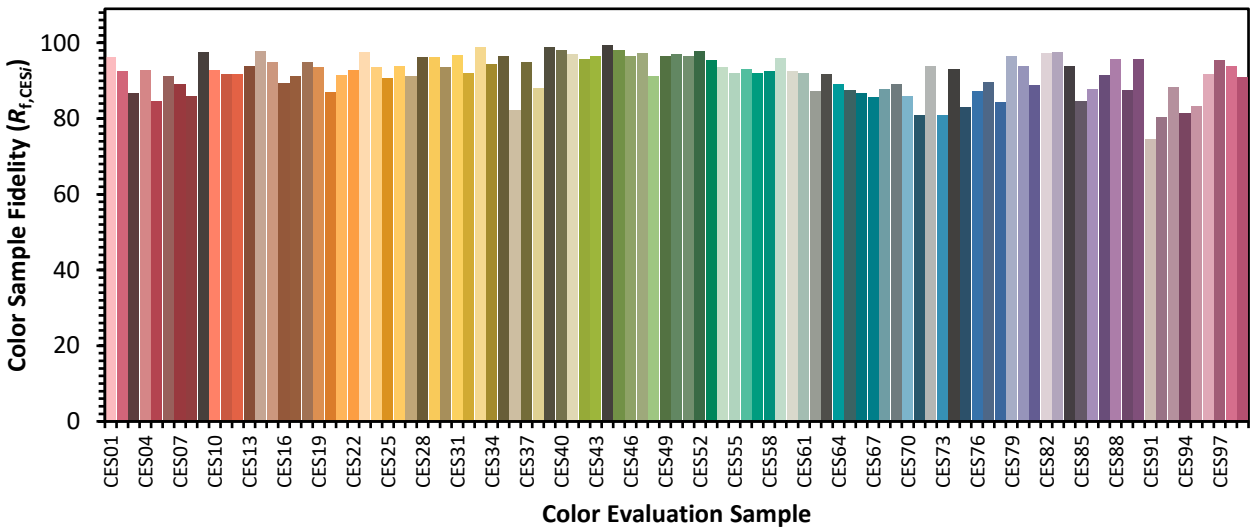
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



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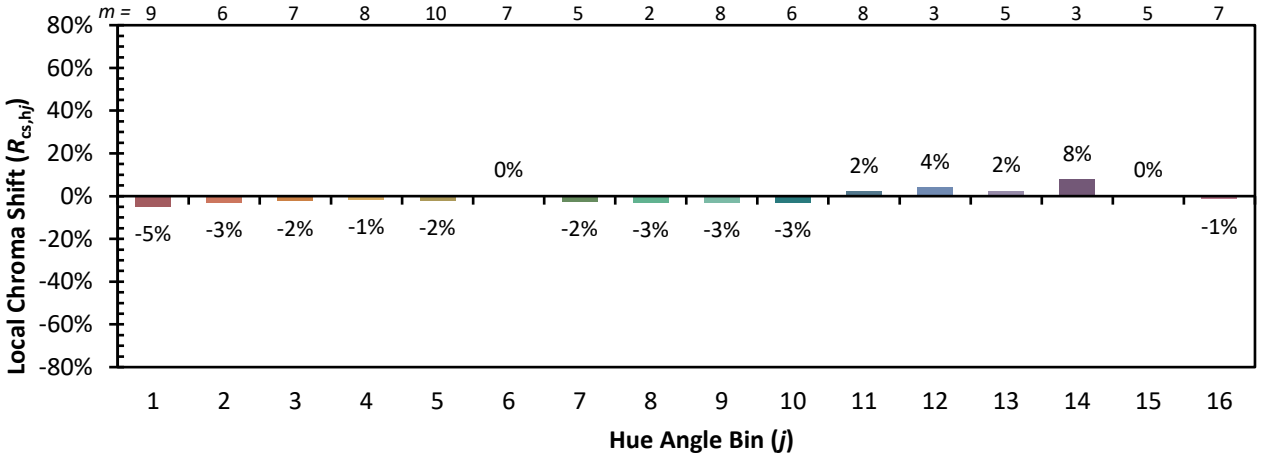
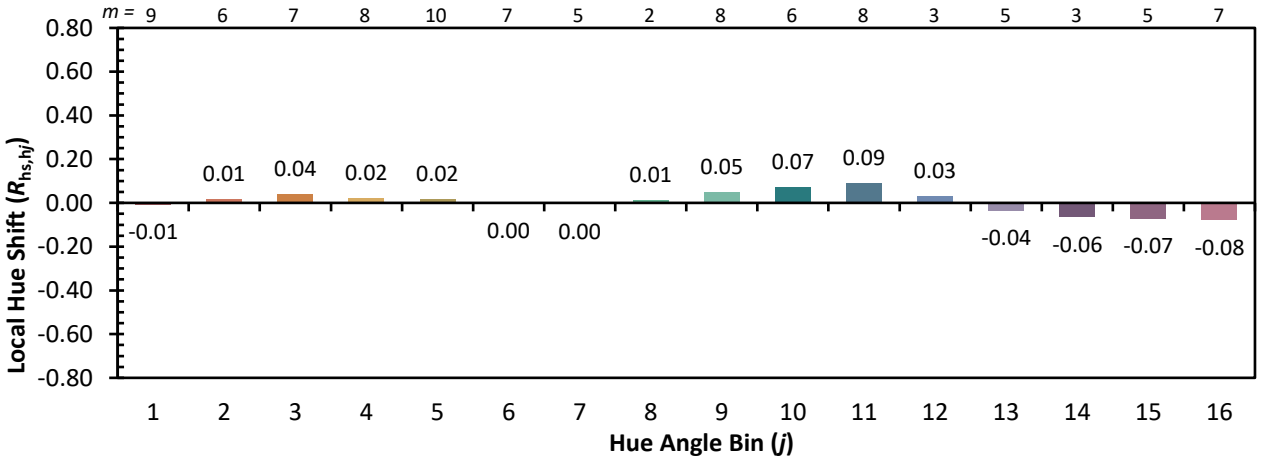
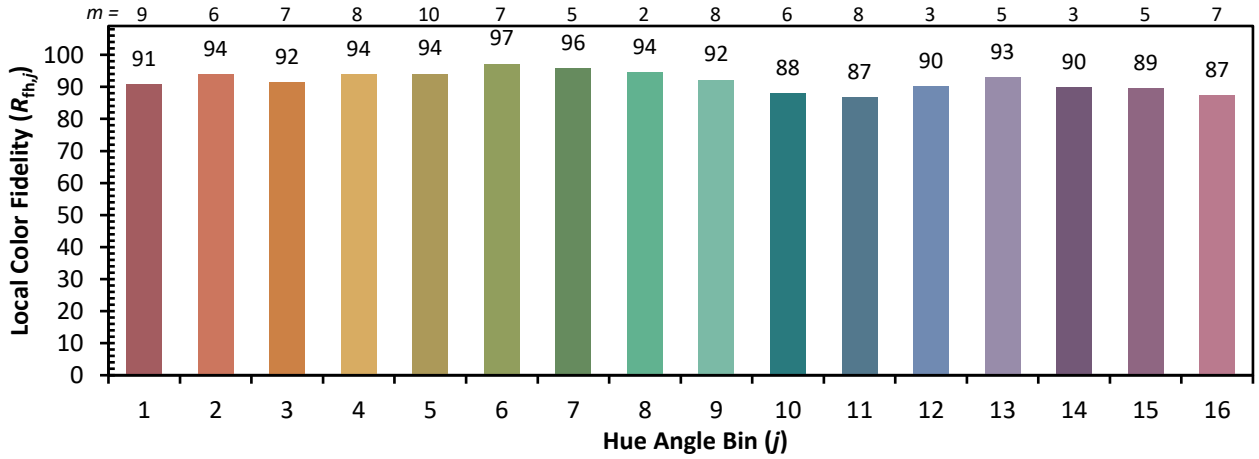
Color Rendition by Hue-Angle Bin







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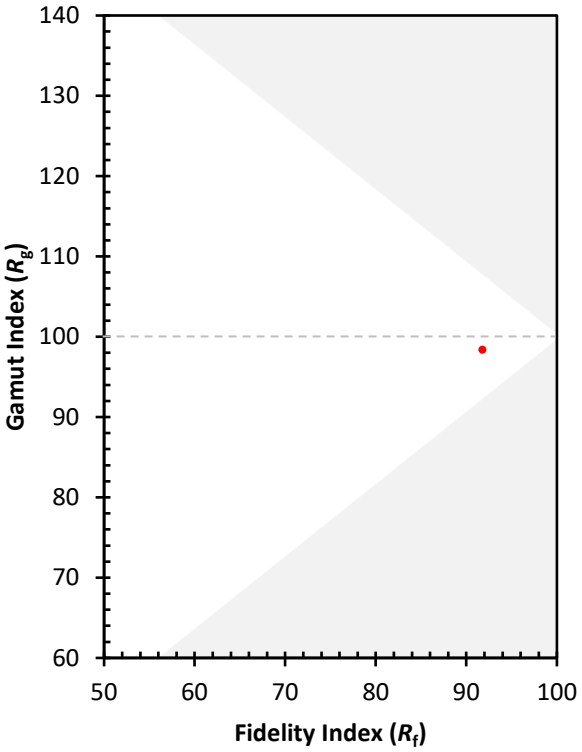
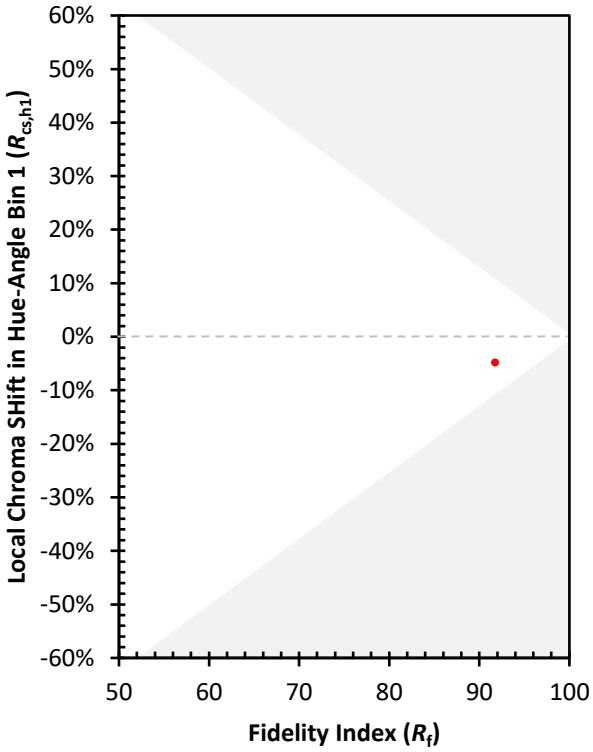
Measure Comparisons





(END OF REPORT)