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: P1458036

Luminaire Tested: GLAN-SB4B-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:	P1458036
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-940-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11846.9 lumens
Efficiency:	N/A
Efficacy:	80.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	147
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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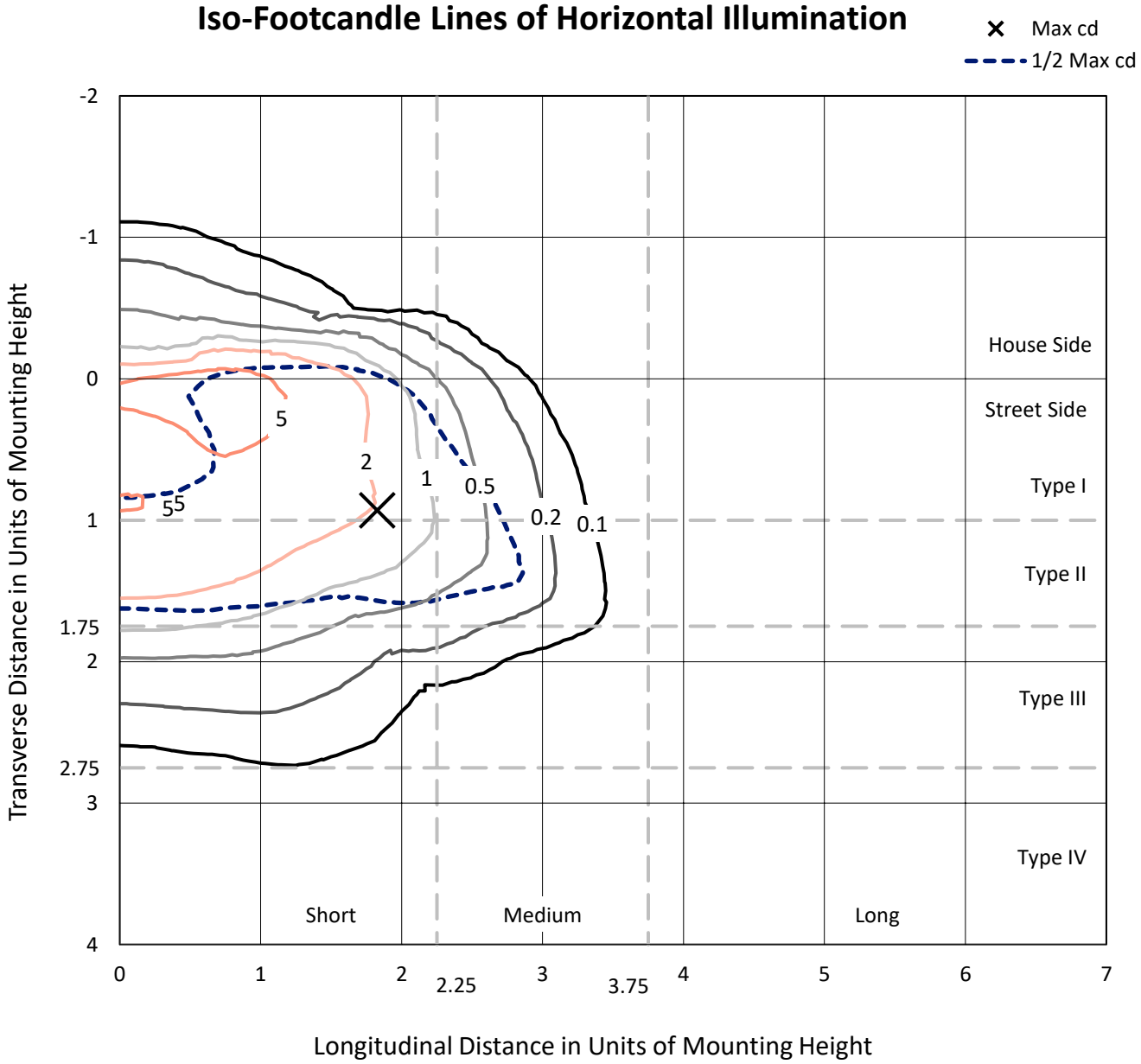
REPORT NUMBER: P1458036
CATALOG NUMBER: GLAN-SB4B-940-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.5 fc
Type II - Short - N/A

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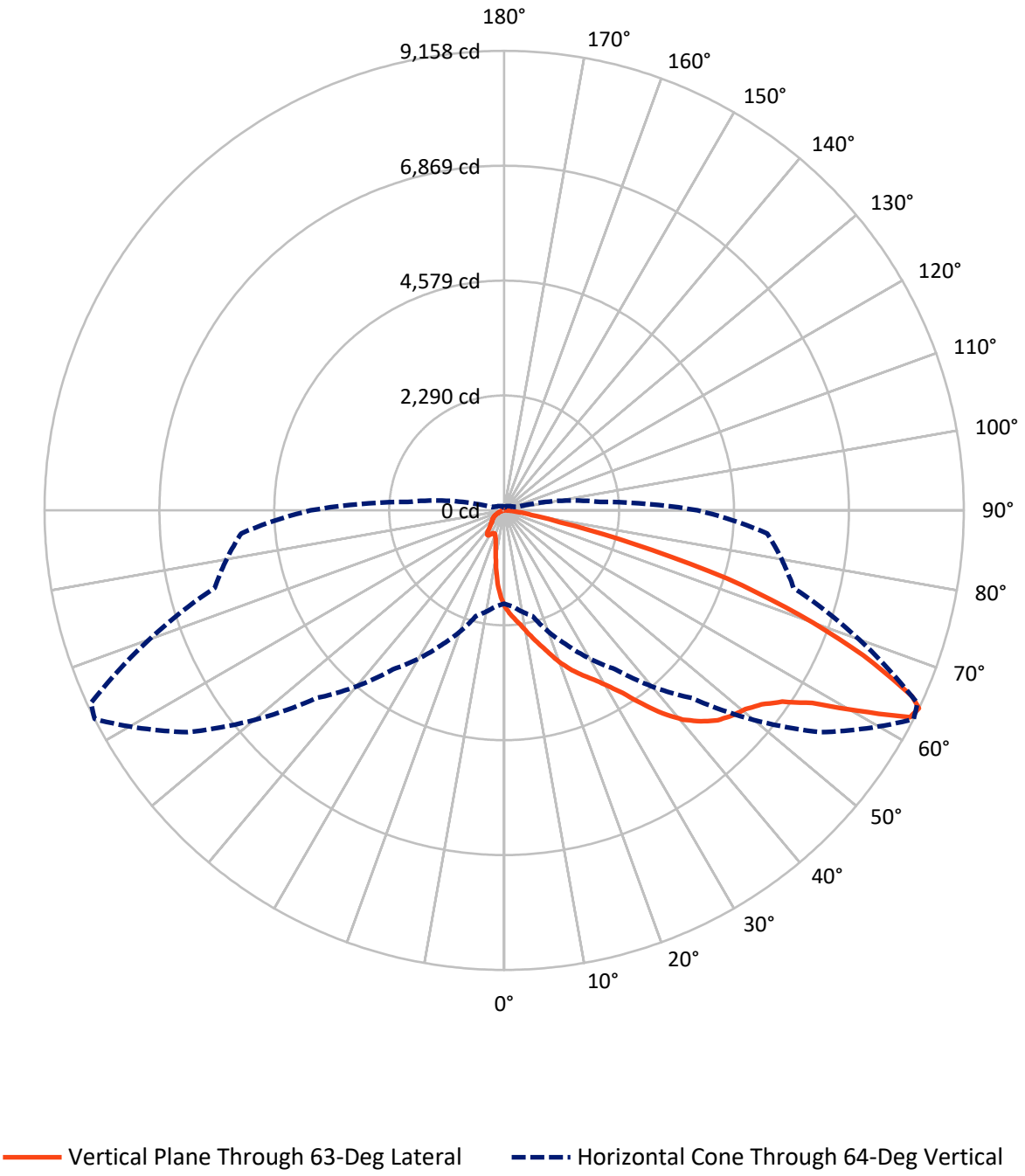
Luminous Intensity Polar Plot



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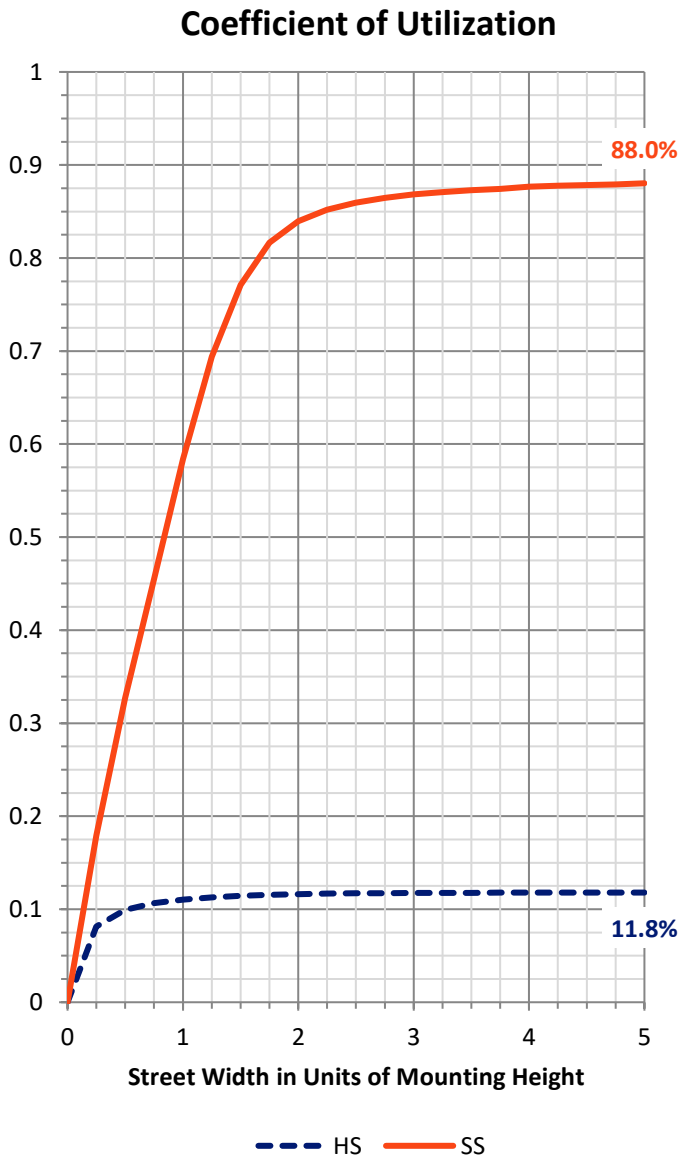
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1405.8	0.0	1405.8
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	10441.1	0.0	10441.1
	% Fixture	88.1	0.0	88.1
Total	Lumens	11846.9	0.0	11846.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.3	1.4
10°-20°	453.3	3.8
20°-30°	807.3	6.8
30°-40°	1542.0	13.0
40°-50°	2555.9	21.6
50°-60°	3185.9	26.9
60°-70°	2375.6	20.1
70°-80°	681.3	5.8
80°-90°	84.3	0.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	11846.9	100.0
0°-180°	11846.9	100.0



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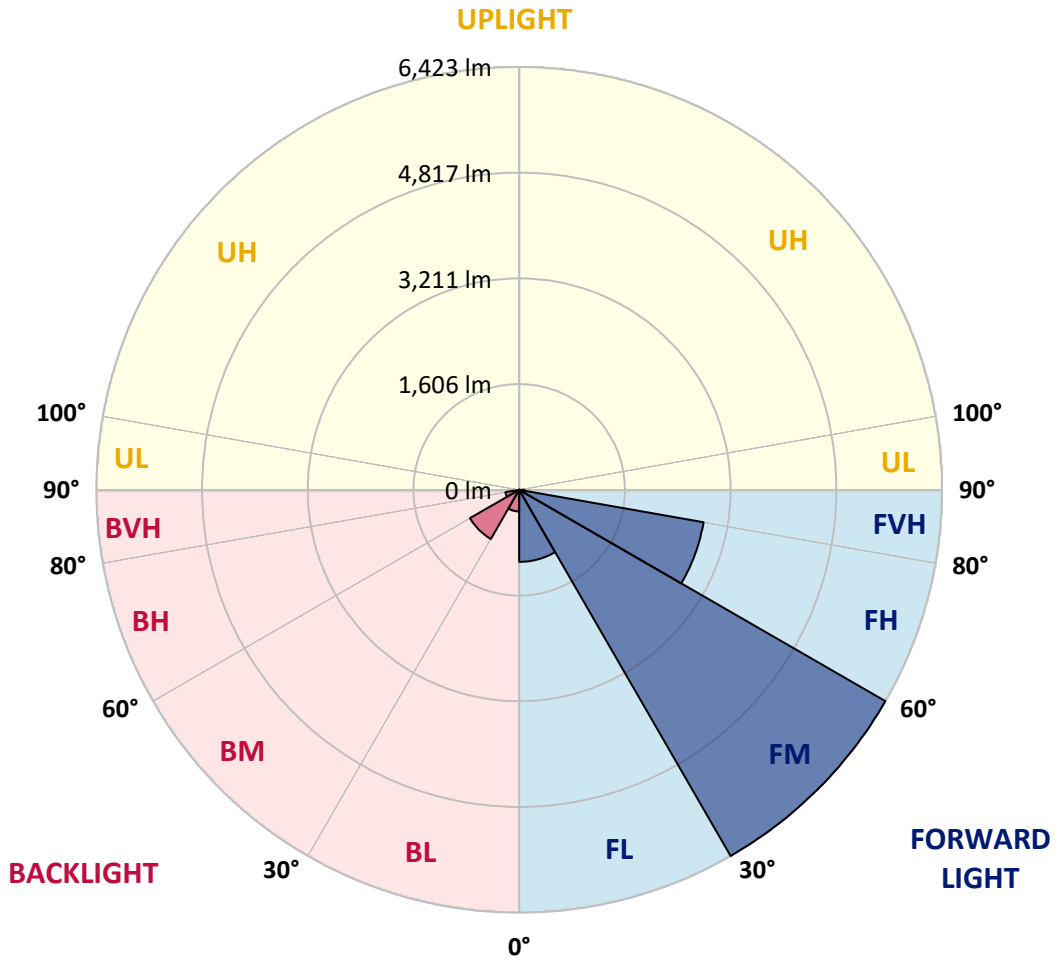
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1093.9	9.2			
FM	(30°-60°)	6422.7	54.2			
FH	(60°-80°)	2844.3	24.0			G2/5000
FVH	(80°-90°)	80.1	0.7			G1/100
BL	(0°-30°)	328.0	2.8	B1/500		
BM	(30°-60°)	861.1	7.3	B1/1000		
BH	(60°-80°)	212.6	1.8	B1/500		G1/500
BVH	(80°-90°)	4.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type II Short



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REPORT NUMBER: P1458036
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5
2.5°	2146.5	2139.4	2132.3	2121.6	2107.4	2093.2	2075.4	2050.5	2039.9	2004.3	1961.7
5°	2256.7	2256.7	2253.1	2246.0	2238.9	2224.7	2203.4	2171.4	2157.2	2107.4	2032.8
7.5°	2285.1	2288.7	2299.3	2313.5	2334.9	2331.3	2331.3	2295.8	2288.7	2235.3	2135.8
10°	2235.3	2238.9	2267.3	2306.4	2370.4	2430.8	2473.5	2452.1	2441.5	2388.2	2263.8
12.5°	2164.3	2164.3	2210.5	2270.9	2370.4	2484.1	2608.5	2629.8	2633.4	2573.0	2423.7
15°	1979.5	1986.6	2061.2	2182.0	2345.5	2523.2	2732.9	2814.6	2835.9	2796.8	2619.2
17.5°	1734.3	1741.4	1816.0	1979.5	2224.7	2523.2	2839.5	3027.8	3056.3	3063.4	2867.9
20°	1631.2	1631.2	1673.8	1798.2	2054.1	2455.7	2903.5	3255.3	3319.3	3397.4	3141.6
22.5°	1645.4	1645.4	1670.3	1741.4	1947.5	2363.3	2942.6	3457.9	3589.3	3788.4	3493.4
25°	1723.6	1723.6	1744.9	1791.1	1958.2	2349.1	3017.2	3639.1	3848.8	4225.5	3895.0
27.5°	1848.0	1844.4	1862.2	1908.4	2061.2	2416.6	3141.6	3820.3	4054.9	4715.9	4357.0
30°	2029.2	2018.6	2025.7	2079.0	2228.2	2573.0	3322.8	4051.3	4289.5	5252.5	4868.7
32.5°	2448.6	2445.0	2342.0	2313.5	2473.5	2825.3	3571.6	4339.2	4605.7	5821.1	5394.7
35°	3205.5	3255.3	3109.6	2736.4	2768.4	3162.9	3927.0	4730.1	4975.3	6425.3	5966.8
37.5°	3973.2	3973.2	3912.7	3472.1	3248.2	3536.0	4310.8	5131.7	5387.6	6912.2	6517.7
40°	4580.9	4612.8	4541.8	4211.3	3919.9	3962.5	4694.6	5483.5	5718.1	7210.7	6908.6
42.5°	5032.2	5025.1	4996.7	4779.9	4616.4	4520.4	5042.9	5746.5	5970.4	7363.5	7153.8
45°	5519.1	5519.1	5480.0	5302.3	5167.2	5085.5	5302.3	5966.8	6201.4	7455.9	7306.6
47.5°	6027.3	6020.2	5981.1	5785.6	5639.9	5519.1	5565.3	6109.0	6343.6	7395.5	7331.5
50°	6151.6	6144.5	6233.4	6240.5	6109.0	5878.0	5774.9	6229.8	6436.0	7399.0	7409.7
52.5°	6005.9	6048.6	6180.1	6340.0	6489.3	6247.6	5998.8	6421.7	6635.0	7498.5	7605.2
55°	5643.5	5661.2	5913.5	6169.4	6517.7	6603.0	6357.8	6727.4	6915.7	7594.5	7779.3
57.5°	4968.2	5035.8	5305.8	5750.1	6279.6	6635.0	6983.2	7239.1	7381.3	7633.6	7683.3
60°	3749.3	3784.8	4371.2	4946.9	5785.6	6379.1	7566.1	8106.2	8088.5	7192.9	7011.7
62.5°	2281.5	2313.5	2732.9	3646.2	4701.7	5846.0	7761.5	9076.4	8980.5	6450.2	5902.9
64°	1858.6	1919.1	2178.5	2960.3	3866.5	5288.1	7704.7	9158.2	9083.5	5970.4	5259.6
65°	1588.6	1670.3	1936.8	2569.4	3287.3	4687.5	7548.3	8930.7	8881.0	5679.0	4726.6
67.5°	998.6	1037.7	1432.2	1997.2	2263.8	2999.4	6489.3	7722.4	7811.3	5060.6	3486.3
70°	742.7	760.5	984.4	1545.9	1766.2	1744.9	4456.5	6254.7	6276.0	4047.8	2103.9
72.5°	540.2	543.7	689.4	1144.3	1382.4	1190.5	2349.1	4648.4	4495.6	2370.4	1147.9
75°	358.9	373.2	483.3	806.7	1076.8	874.2	1069.7	2647.6	2601.4	1158.5	657.5
77.5°	263.0	266.5	327.0	540.2	845.8	643.2	646.8	1140.8	1176.3	689.4	415.8
80°	149.3	156.4	213.2	330.5	550.8	440.7	362.5	550.8	632.6	469.1	277.2
82.5°	88.8	96.0	152.8	216.8	376.7	181.2	184.8	302.1	376.7	337.6	149.3
85°	53.3	56.9	96.0	117.3	223.9	120.8	67.5	149.3	195.5	199.0	81.7
87.5°	35.5	35.5	53.3	49.8	64.0	56.9	28.4	39.1	49.8	67.5	32.0
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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REPORT NUMBER: P1458036
CATALOG NUMBER: GLAN-SB4B-940-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5	1915.5
2.5°	1926.2	1904.8	1840.9	1755.6	1677.4	1617.0	1542.4	1492.6	1446.4	1446.4	1407.3
5°	1972.4	1915.5	1759.1	1563.7	1354.0	1155.0	1027.1	884.9	838.7	799.6	806.7
7.5°	2050.5	1947.5	1670.3	1318.5	984.4	771.2	629.0	565.1	536.6	518.9	522.4
10°	2146.5	2004.3	1563.7	1069.7	725.0	565.1	497.5	472.7	462.0	458.4	458.4
12.5°	2278.0	2071.9	1457.1	860.0	572.2	486.9	451.3	437.1	426.5	419.3	419.3
15°	2434.4	2157.2	1332.7	707.2	501.1	447.8	419.3	405.1	390.9	387.4	387.4
17.5°	2633.4	2246.0	1222.5	607.7	465.5	419.3	390.9	373.2	362.5	358.9	358.9
20°	2853.7	2356.2	1112.3	550.8	440.7	390.9	362.5	348.3	337.6	330.5	334.1
22.5°	3134.5	2494.8	1041.3	522.4	419.3	366.0	337.6	323.4	312.7	305.6	309.2
25°	3443.6	2668.9	1002.2	522.4	405.1	348.3	316.3	302.1	291.4	284.3	284.3
27.5°	3820.3	2864.4	1005.7	543.7	401.6	334.1	298.5	284.3	273.6	263.0	263.0
30°	4236.1	3095.4	1044.8	582.8	408.7	319.8	284.3	263.0	255.9	245.2	245.2
32.5°	4676.8	3361.9	1144.3	632.6	401.6	302.1	263.0	245.2	234.6	227.4	227.4
35°	5142.4	3664.0	1268.7	653.9	366.0	277.2	245.2	227.4	220.3	216.8	213.2
37.5°	5586.6	3927.0	1336.2	611.3	319.8	255.9	223.9	206.1	202.6	195.5	195.5
40°	5931.3	4143.7	1297.1	522.4	295.0	234.6	206.1	188.4	181.2	174.1	174.1
42.5°	6133.9	4221.9	1155.0	444.2	277.2	213.2	188.4	170.6	163.5	159.9	159.9
45°	6251.2	4211.3	988.0	398.0	259.4	195.5	170.6	159.9	149.3	145.7	142.2
47.5°	6247.6	4101.1	867.1	358.9	241.7	181.2	159.9	149.3	138.6	135.0	135.0
50°	6222.7	3937.6	732.1	330.5	227.4	170.6	149.3	142.2	131.5	127.9	124.4
52.5°	6283.1	3845.2	611.3	312.7	209.7	163.5	145.7	135.0	120.8	117.3	117.3
55°	6357.8	3791.9	490.4	295.0	195.5	159.9	138.6	127.9	113.7	110.2	110.2
57.5°	6141.0	3589.3	405.1	266.5	177.7	152.8	131.5	124.4	110.2	99.5	99.5
60°	5458.7	2967.4	334.1	234.6	163.5	142.2	124.4	113.7	99.5	85.3	85.3
62.5°	4438.7	2263.8	277.2	199.0	152.8	131.5	113.7	103.1	85.3	67.5	67.5
64°	*3855.9*	*1922.6*	*248.8*	*174.1*	*145.7*	*120.8*	*103.1*	*92.4*	*74.6*	*56.9*	*53.3*
65°	3457.9	1698.7	231.0	163.5	142.2	113.7	99.5	88.8	67.5	53.3	49.8
67.5°	2434.4	1140.8	184.8	135.0	124.4	96.0	85.3	74.6	60.4	46.2	42.6
70°	1418.0	646.8	145.7	113.7	96.0	74.6	71.1	67.5	53.3	35.5	35.5
72.5°	771.2	323.4	110.2	92.4	74.6	53.3	60.4	53.3	42.6	28.4	24.9
75°	472.7	199.0	81.7	67.5	49.8	39.1	46.2	39.1	24.9	17.8	14.2
77.5°	316.3	127.9	60.4	46.2	32.0	24.9	32.0	21.3	10.7	3.6	3.6
80°	195.5	88.8	39.1	28.4	17.8	10.7	7.1	3.6	3.6	0.0	0.0
82.5°	85.3	56.9	21.3	14.2	7.1	3.6	3.6	0.0	0.0	0.0	0.0
85°	46.2	17.8	7.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.2	7.1	3.6	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

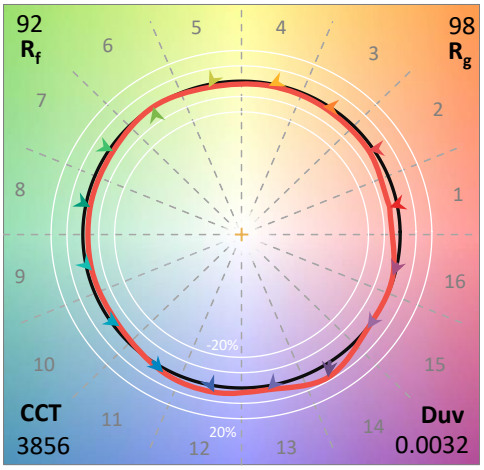
Test Information

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

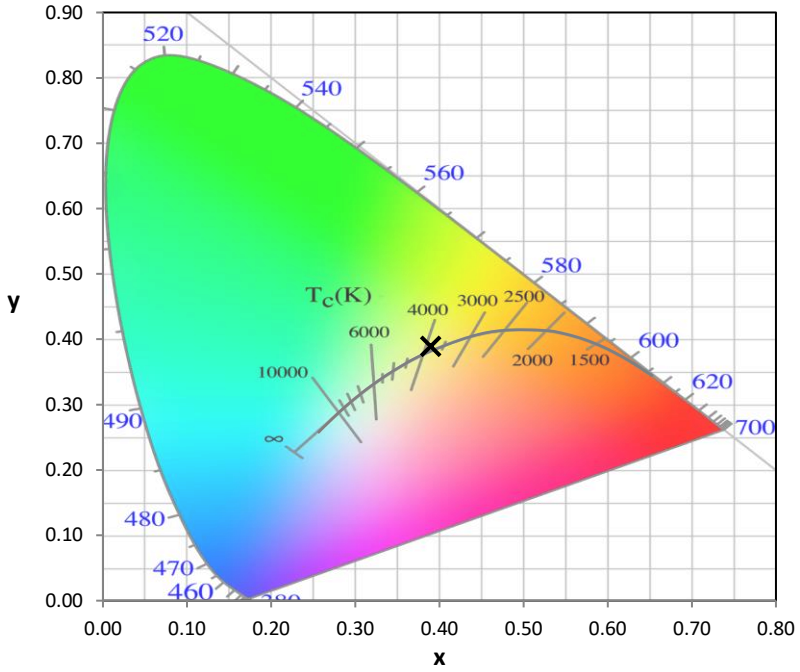
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

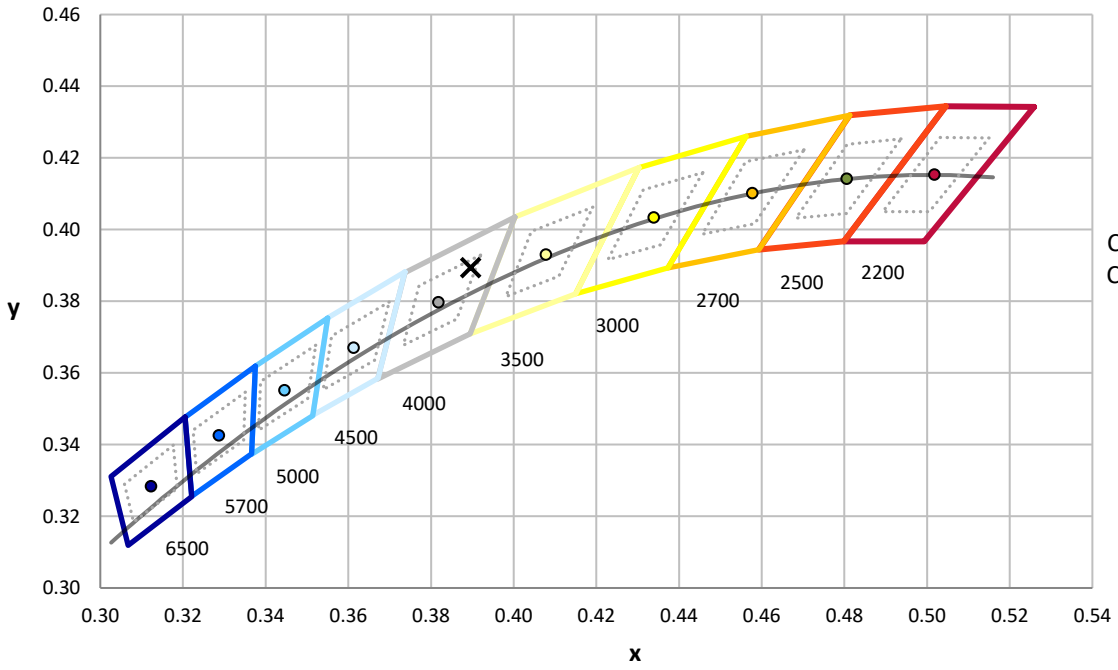
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



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

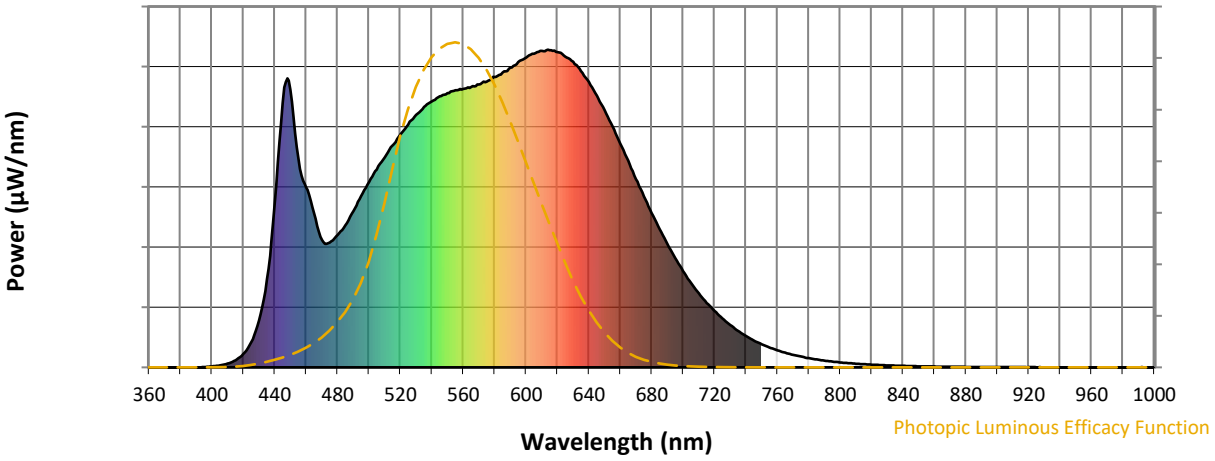


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

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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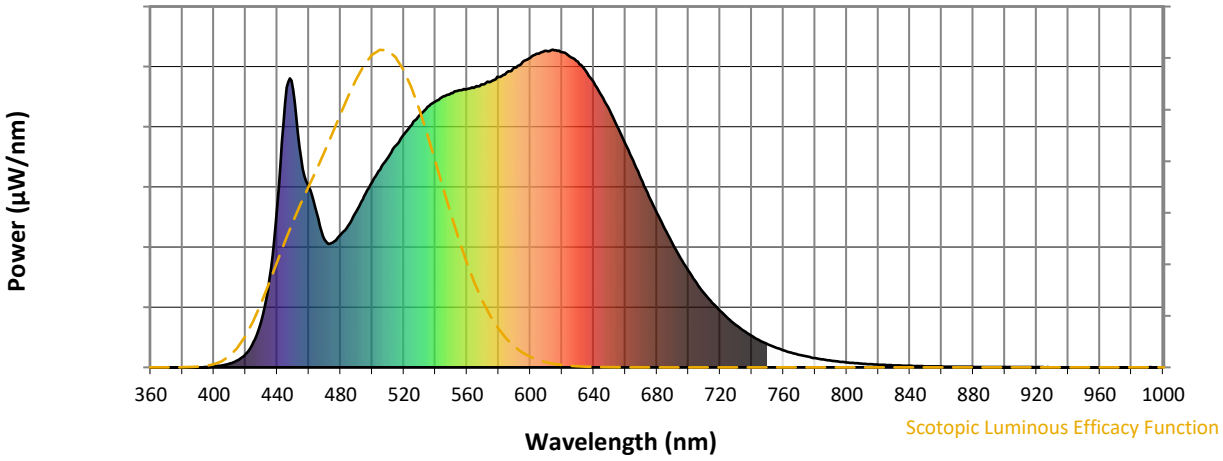
Scotopic Flux vs. Wavelength



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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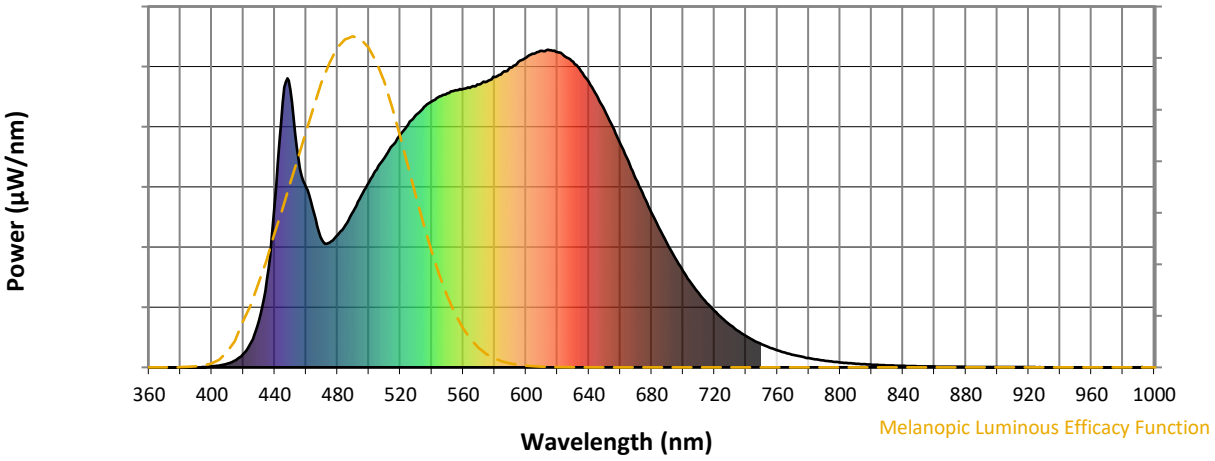
Melanopic Flux vs. Wavelength



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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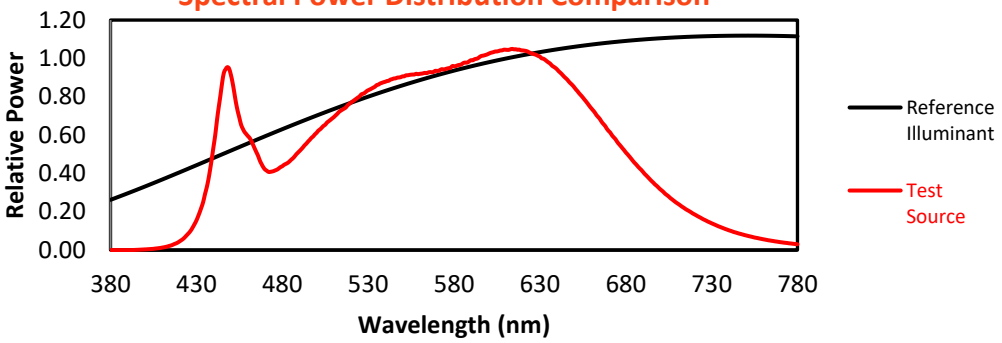
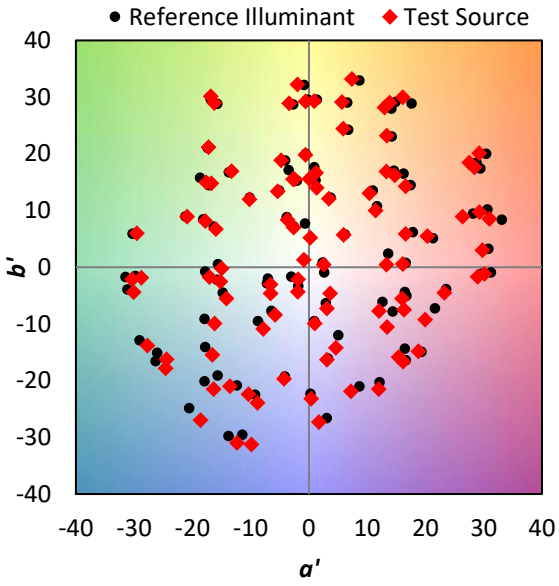
Summary

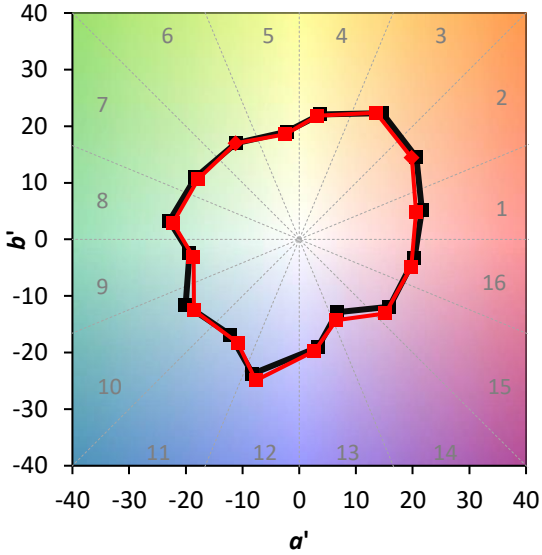
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

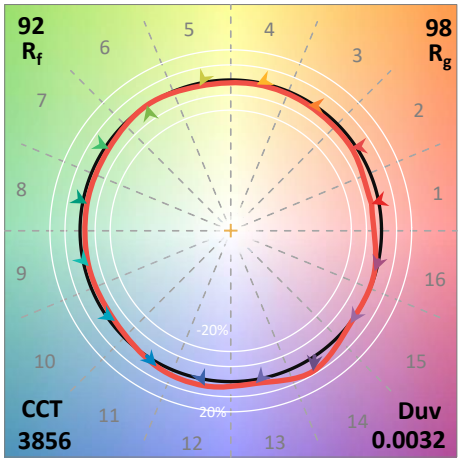
Spectral Power Distribution Comparison

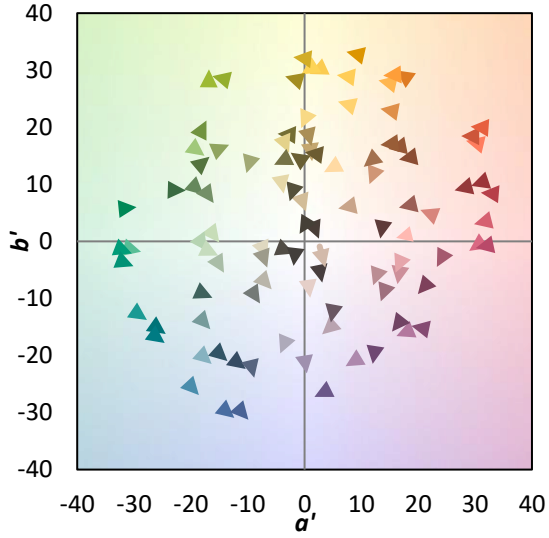


Color Vector Graphics









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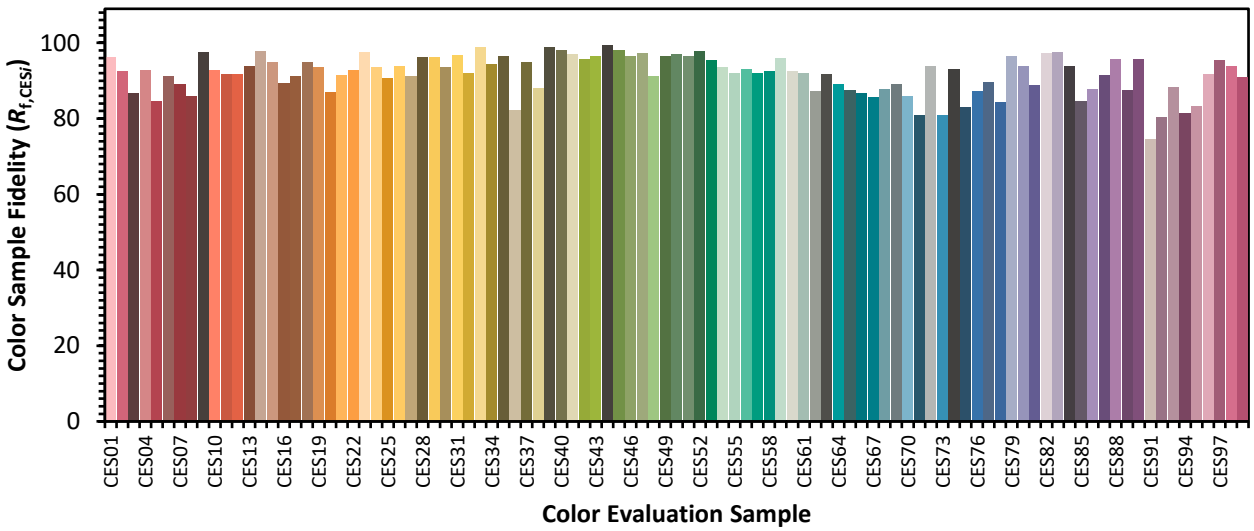
Individual Sample Fidelity Index ($R_{f,i}$)

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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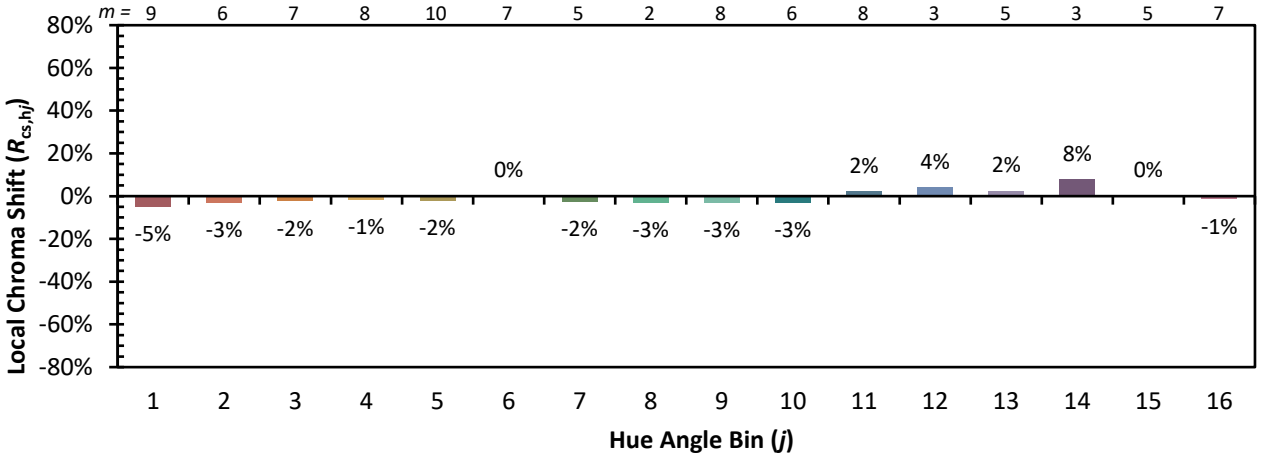
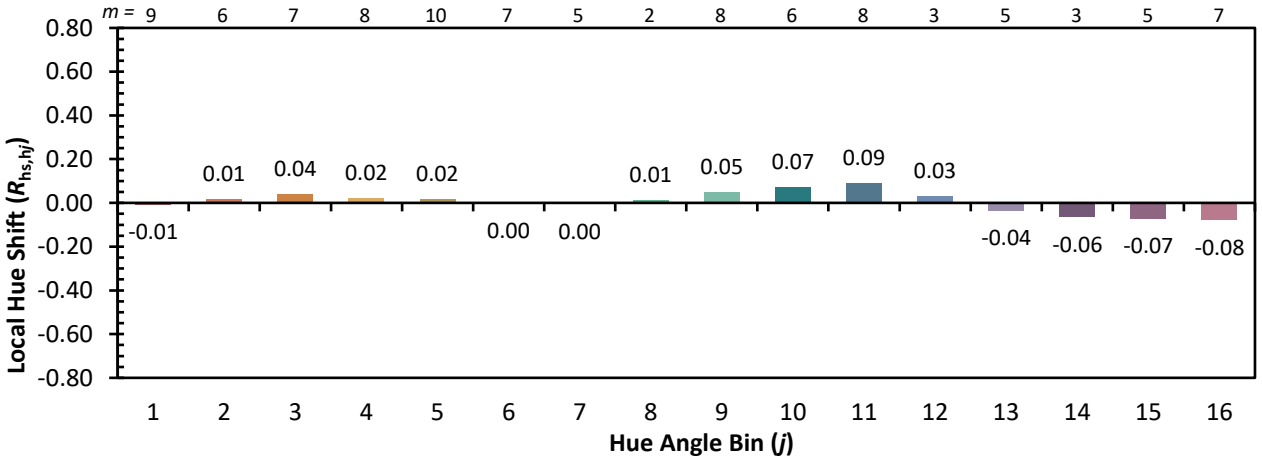
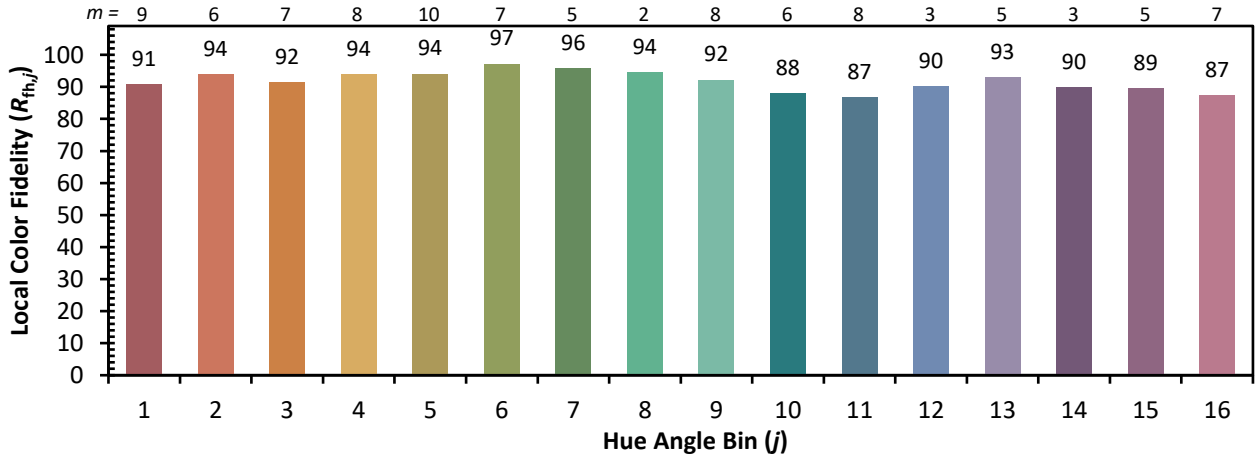
Color Rendition by Hue-Angle Bin







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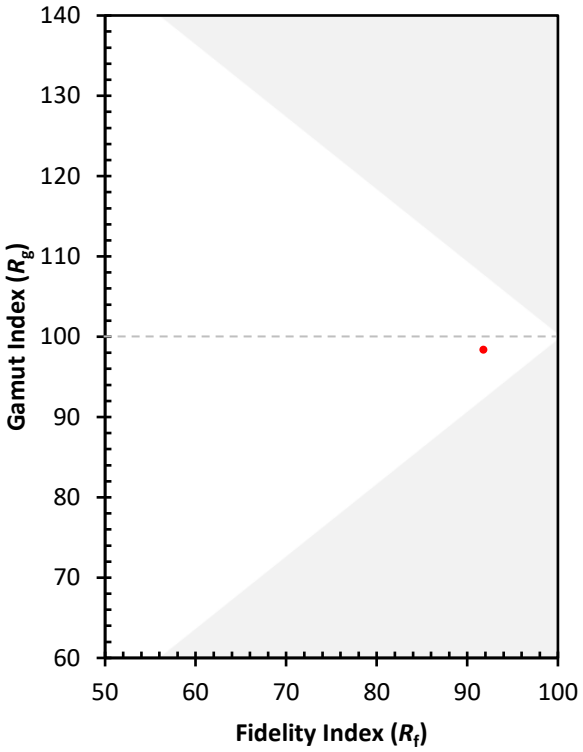
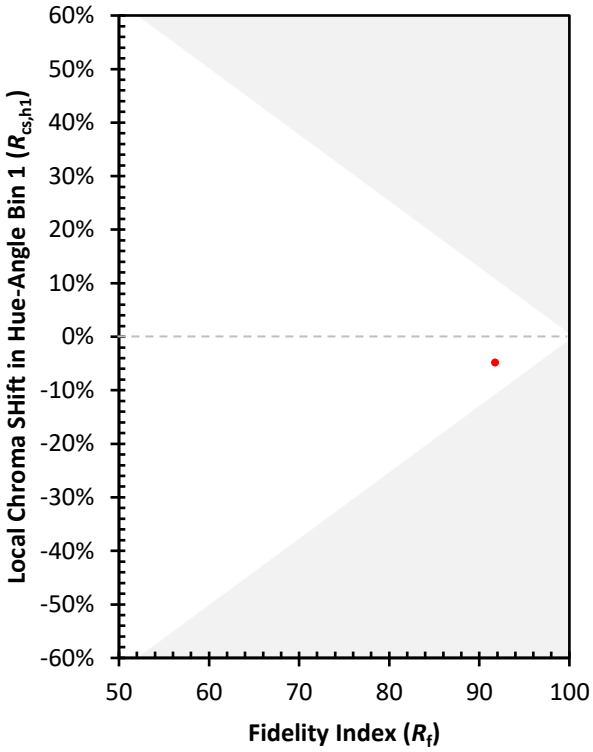
Measure Comparisons





(END OF REPORT)