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: P1459208

Luminaire Tested: GLAN-SB9B-940-U-T4LG-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:	P1459208
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9B-940-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 9xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(234) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26953 lumens
Efficiency:	N/A
Efficacy:	81.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	329.5
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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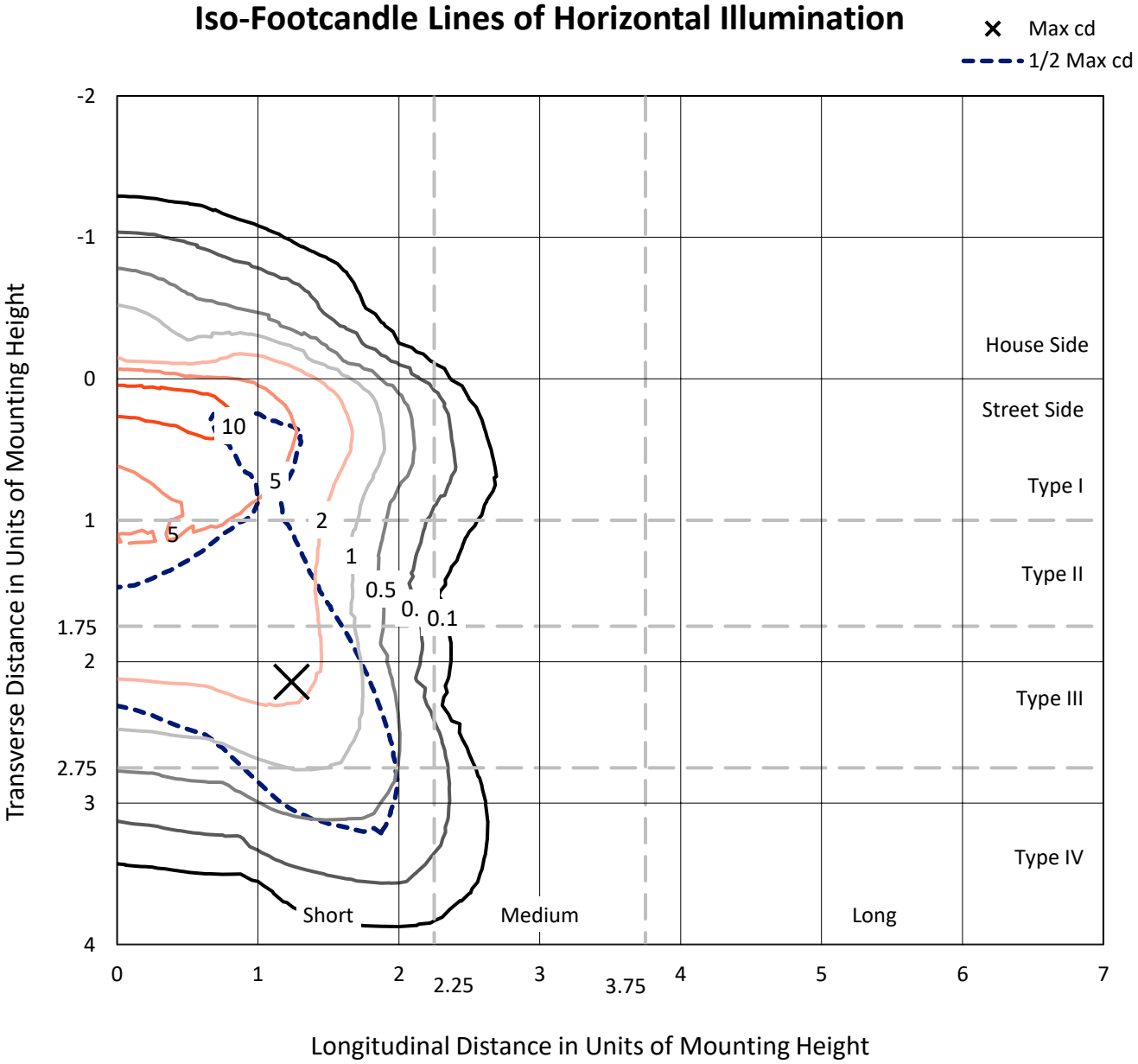
REPORT NUMBER: P1459208
CATALOG NUMBER: GLAN-SB9B-940-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 13 fc
Type IV - Short - N/A

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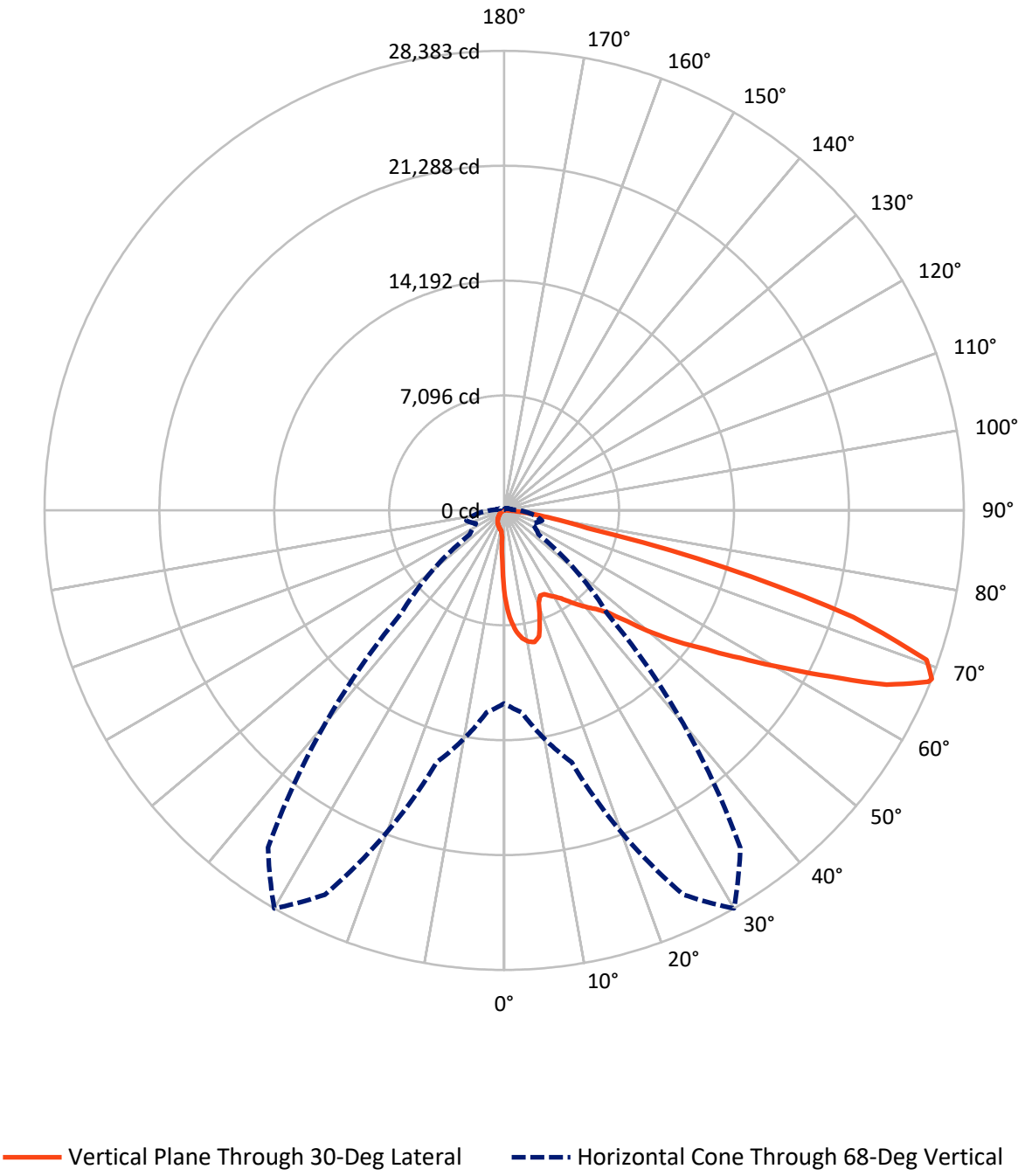
Luminous Intensity Polar Plot



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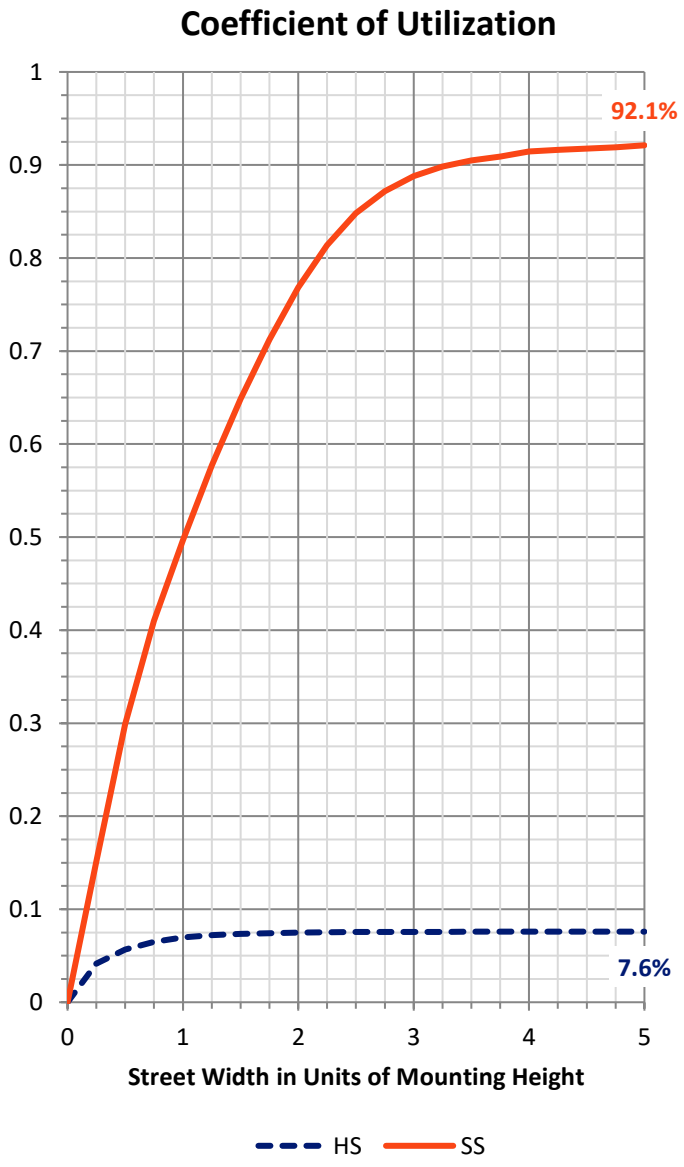
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2057.2	0.0	2057.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	24895.8	0.0	24895.8
	% Fixture	92.4	0.0	92.4
Total	Lumens	26953.0	0.0	26953.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	458.6	1.7
10°-20°	1309.3	4.9
20°-30°	2057.5	7.6
30°-40°	3227.0	12.0
40°-50°	4823.5	17.9
50°-60°	6416.8	23.8
60°-70°	6203.0	23.0
70°-80°	2229.7	8.3
80°-90°	227.6	0.8
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°	26953.0	100.0
0°-180°	26953.0	100.0



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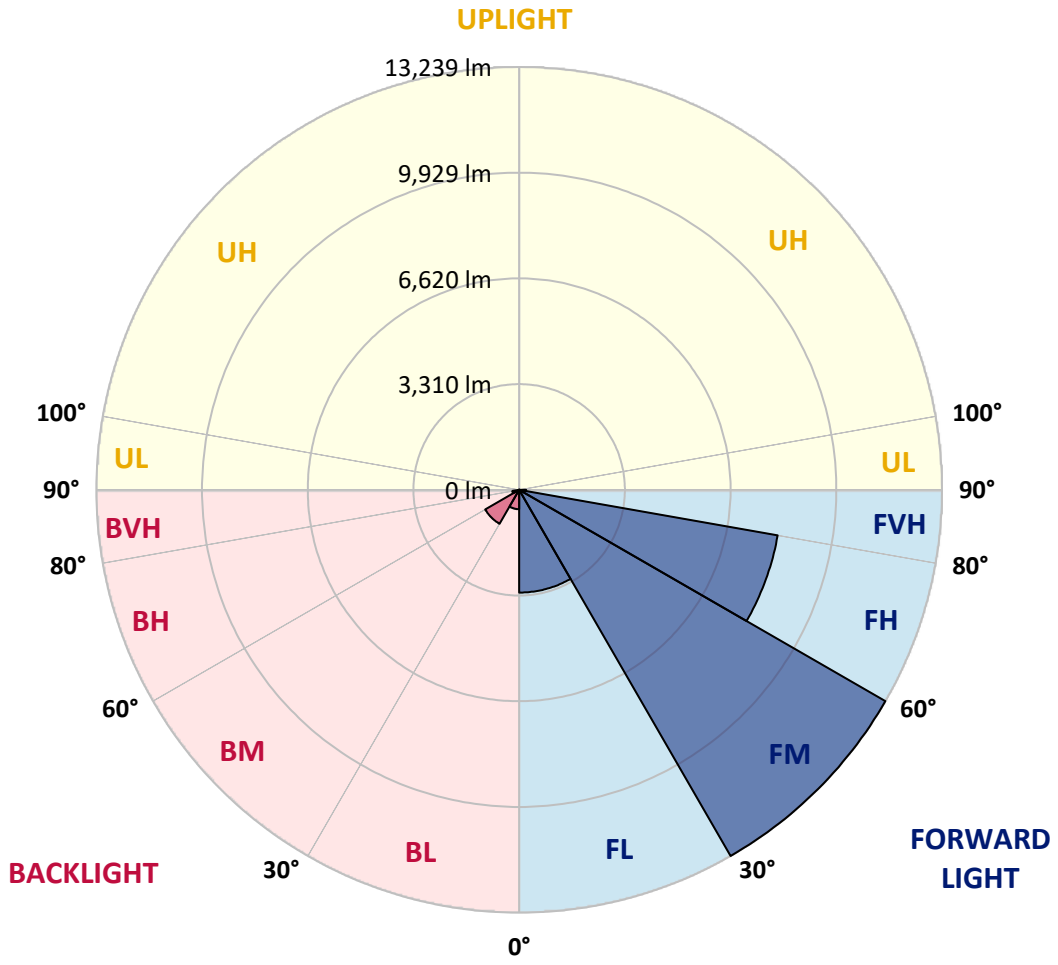
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3218.2	11.9			
FM	(30°-60°)	13239.3	49.1			
FH	(60°-80°)	8218.8	30.5			G4/12000
FVH	(80°-90°)	219.5	0.8			G2/225
BL	(0°-30°)	607.2	2.3	B2/1000		
BM	(30°-60°)	1228.0	4.6	B2/2500		
BH	(60°-80°)	214.0	0.8	B1/500		G1/500
BVH	(80°-90°)	8.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8
2.5°	6793.0	6793.0	6744.5	6679.9	6607.2	6582.9	6445.6	6251.8	6049.8	5815.6	5476.4
5°	7665.3	7657.2	7560.3	7560.3	7463.4	7374.5	7237.2	6954.5	6631.4	6211.4	5621.8
7.5°	8053.0	8069.2	8028.8	8028.8	7972.2	7907.6	7826.8	7552.2	7172.6	6607.2	5767.1
10°	8190.3	8198.4	8198.4	8254.9	8238.8	8230.7	8222.6	8069.2	7673.4	7011.0	5920.6
12.5°	7859.1	7899.5	8012.6	8263.0	8343.8	8432.6	8553.8	8505.3	8230.7	7519.9	6154.8
15°	6793.0	6801.0	7116.0	7738.0	8069.2	8408.4	8876.9	8973.8	8796.1	8069.2	6397.2
17.5°	5605.6	5629.8	5880.2	6574.9	7108.0	7891.5	9062.7	9458.4	9393.8	8610.3	6623.3
20°	5112.9	5145.2	5266.4	5702.5	6106.4	6833.3	8876.9	9918.8	9943.1	9151.5	6833.3
22.5°	4999.8	5024.0	5121.0	5460.2	5710.6	6195.2	8246.9	10282.3	10565.0	9773.4	7083.7
25°	4967.5	4991.7	5137.1	5508.7	5742.9	6146.8	7673.4	10476.2	11300.0	10419.6	7326.0
27.5°	4943.3	4975.6	5209.8	5686.4	5961.0	6348.7	7568.4	10516.6	12002.8	11106.2	7721.8
30°	4975.6	5024.0	5331.0	5872.1	6187.2	6623.3	7818.8	10556.9	12778.2	11889.7	8222.6
32.5°	5104.8	5145.2	5516.7	6122.5	6486.0	6978.7	8246.9	10799.3	13513.2	12689.3	8699.2
35°	5250.2	5306.7	5751.0	6477.9	6914.1	7471.4	8828.4	11275.8	14215.9	13448.6	9191.9
37.5°	5427.9	5492.5	6025.6	6881.8	7382.6	8012.6	9458.4	11938.1	14837.9	14070.5	9684.6
40°	5670.2	5742.9	6340.6	7309.9	7851.1	8481.1	10080.4	12592.4	15314.4	14442.1	10007.7
42.5°	6623.3	6720.3	6970.6	7729.9	8335.7	8981.9	10694.3	13214.3	15492.1	14563.2	10072.3
45°	8400.3	8497.2	8432.6	8578.0	8981.9	9587.7	11364.7	13812.1	15516.4	14530.9	10040.0
47.5°	10185.4	10298.5	10241.9	10161.2	10250.0	10540.8	12115.8	14191.7	15387.1	14514.8	10040.0
50°	11889.7	11825.1	11833.1	11808.9	11889.7	12043.1	12842.8	14264.4	15354.8	14668.2	10128.8
52.5°	12802.4	12834.7	13036.6	13335.5	13513.2	13666.7	13674.8	14377.5	15120.6	14409.8	10023.8
55°	13699.0	13763.6	14232.1	14740.9	15136.7	15427.5	14506.7	14304.8	13723.2	13545.5	9474.6
57.5°	14708.6	14797.5	15459.8	16509.9	17204.5	17358.0	15330.6	12947.8	11615.1	12309.7	8408.4
60°	16097.9	16202.9	17083.3	18658.4	19692.3	19377.3	15395.2	10791.2	9224.2	10217.7	6938.3
62.5°	17188.3	17398.4	18989.6	21445.0	22583.9	21582.4	14191.7	8271.1	6445.6	7180.7	5064.4
65°	16025.2	16429.1	19021.9	24635.6	25952.1	24175.1	12301.6	5646.0	3634.8	4644.4	3239.0
67.5°	12955.9	13521.3	16889.5	26186.4	28262.2	25540.2	9684.6	2996.7	2083.9	2697.8	1704.3
68°	11922.0	12535.9	16106.0	26186.4	28383.4	25419.0	8990.0	2592.8	1922.4	2423.2	1478.1
70°	8238.8	8674.9	12382.4	24716.3	27672.6	23173.6	5920.6	1486.2	1445.8	1663.9	977.3
72.5°	4038.6	4507.1	6623.3	19587.3	22543.5	17810.3	2697.8	985.4	1098.5	1219.7	767.3
75°	1607.4	1704.3	2608.9	9660.4	14086.7	11364.7	1413.5	743.1	945.0	953.1	605.8
77.5°	920.8	977.3	1445.8	3554.0	5282.5	5080.6	912.7	533.1	751.2	686.6	395.8
80°	516.9	525.0	815.8	1873.9	3020.9	2705.9	621.9	387.7	573.5	484.6	266.5
82.5°	258.5	290.8	516.9	1033.9	1680.1	1720.4	331.2	274.6	460.4	347.3	218.1
85°	185.8	201.9	371.6	573.5	775.4	1163.1	201.9	137.3	347.3	234.2	153.5
87.5°	96.9	121.2	234.2	282.7	315.0	395.8	96.9	64.6	193.9	137.3	80.8
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: P1459208
CATALOG NUMBER: GLAN-SB9B-940-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8	5314.8
2.5°	5314.8	5129.0	4749.4	4305.2	3957.8	3602.4	3311.7	3037.0	2907.8	2891.6	2924.0
5°	5290.6	4886.7	4022.5	3174.4	2479.7	1995.1	1728.5	1591.2	1518.5	1486.2	1494.3
7.5°	5242.1	4628.3	3247.0	2148.5	1607.4	1397.4	1332.7	1308.5	1300.4	1300.4	1300.4
10°	5193.7	4280.9	2487.8	1575.1	1316.6	1260.0	1243.9	1243.9	1235.8	1235.8	1243.9
12.5°	5169.4	3957.8	1930.5	1316.6	1227.7	1203.5	1187.4	1179.3	1179.3	1179.3	1187.4
15°	5112.9	3602.4	1558.9	1219.7	1171.2	1138.9	1130.8	1122.7	1122.7	1122.7	1122.7
17.5°	5064.4	3255.1	1357.0	1155.0	1114.7	1082.3	1074.3	1066.2	1066.2	1074.3	1074.3
20°	4991.7	2924.0	1219.7	1090.4	1058.1	1025.8	1017.7	1009.7	1017.7	1017.7	1017.7
22.5°	4902.9	2649.3	1138.9	1042.0	1001.6	969.3	969.3	969.3	969.3	969.3	977.3
25°	4846.3	2455.5	1082.3	985.4	945.0	920.8	912.7	912.7	928.9	928.9	937.0
27.5°	4935.2	2407.0	1090.4	969.3	896.6	872.3	864.3	864.3	880.4	888.5	896.6
30°	5201.7	2495.9	1187.4	1017.7	864.3	823.9	815.8	815.8	840.0	848.1	856.2
32.5°	5508.7	2681.6	1332.7	1082.3	840.0	775.4	759.3	759.3	783.5	791.6	799.6
35°	5928.7	2972.4	1526.6	1138.9	856.2	727.0	694.6	694.6	710.8	727.0	735.0
37.5°	6469.9	3449.0	1752.8	1179.3	856.2	670.4	630.0	621.9	638.1	638.1	646.2
40°	7035.3	4070.9	1987.0	1179.3	815.8	613.9	573.5	549.3	557.3	549.3	557.3
42.5°	7350.3	4571.7	2188.9	1106.6	767.3	557.3	516.9	484.6	476.6	460.4	468.5
45°	7528.0	4797.9	2132.4	1025.8	718.9	516.9	468.5	428.1	411.9	387.7	387.7
47.5°	7528.0	4822.1	1825.5	961.2	670.4	484.6	420.0	379.6	355.4	331.2	339.2
50°	7439.1	4604.0	1445.8	896.6	613.9	452.3	379.6	347.3	315.0	298.9	298.9
52.5°	7067.6	3893.2	1106.6	815.8	549.3	411.9	339.2	306.9	274.6	266.5	266.5
55°	6429.5	2859.3	896.6	735.0	492.7	379.6	306.9	282.7	250.4	234.2	234.2
57.5°	5226.0	1954.7	743.1	662.3	436.2	339.2	274.6	250.4	210.0	193.9	193.9
60°	3877.1	1276.2	630.0	581.6	371.6	306.9	242.3	210.0	177.7	161.5	153.5
62.5°	2617.0	864.3	525.0	460.4	315.0	266.5	210.0	177.7	137.3	105.0	105.0
65°	1631.6	670.4	436.2	363.5	274.6	234.2	177.7	137.3	96.9	72.7	64.6
67.5°	937.0	541.2	355.4	282.7	234.2	185.8	137.3	113.1	80.8	56.5	48.5
68°	*864.3*	*516.9*	*331.2*	*266.5*	*218.1*	*177.7*	*129.2*	*105.0*	*72.7*	*48.5*	*48.5*
70°	702.7	460.4	282.7	218.1	185.8	145.4	113.1	88.8	56.5	32.3	32.3
72.5°	621.9	387.7	242.3	169.6	129.2	121.2	88.8	64.6	40.4	24.2	16.2
75°	508.9	306.9	193.9	129.2	88.8	88.8	64.6	40.4	16.2	0.0	0.0
77.5°	331.2	226.2	153.5	80.8	48.5	56.5	40.4	16.2	0.0	0.0	0.0
80°	218.1	169.6	105.0	40.4	24.2	24.2	8.1	0.0	0.0	0.0	0.0
82.5°	153.5	113.1	64.6	16.2	8.1	8.1	0.0	0.0	0.0	0.0	0.0
85°	96.9	48.5	24.2	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	40.4	16.2	8.1	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: SP1-2407-184-16

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

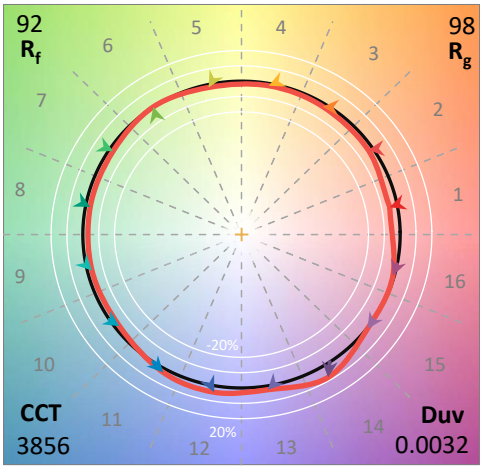
Test Information

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

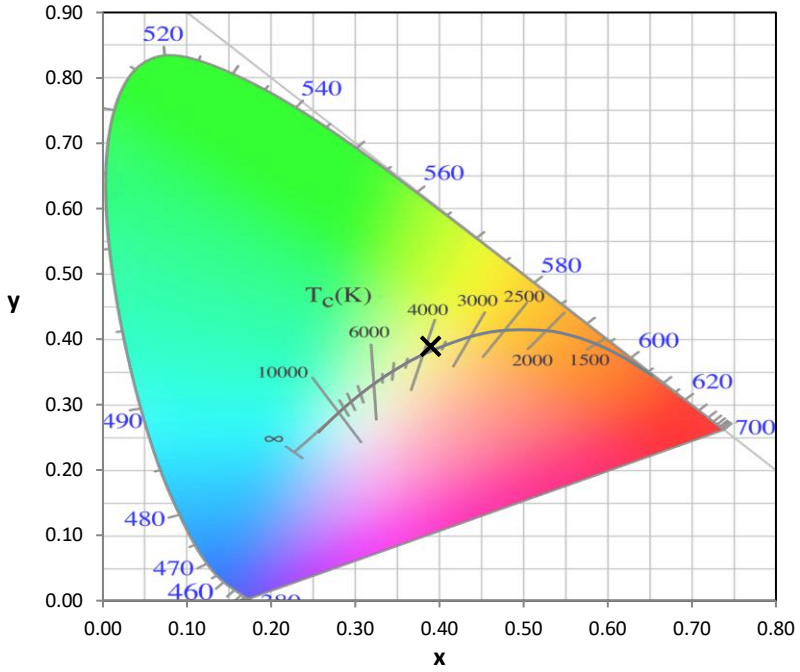
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

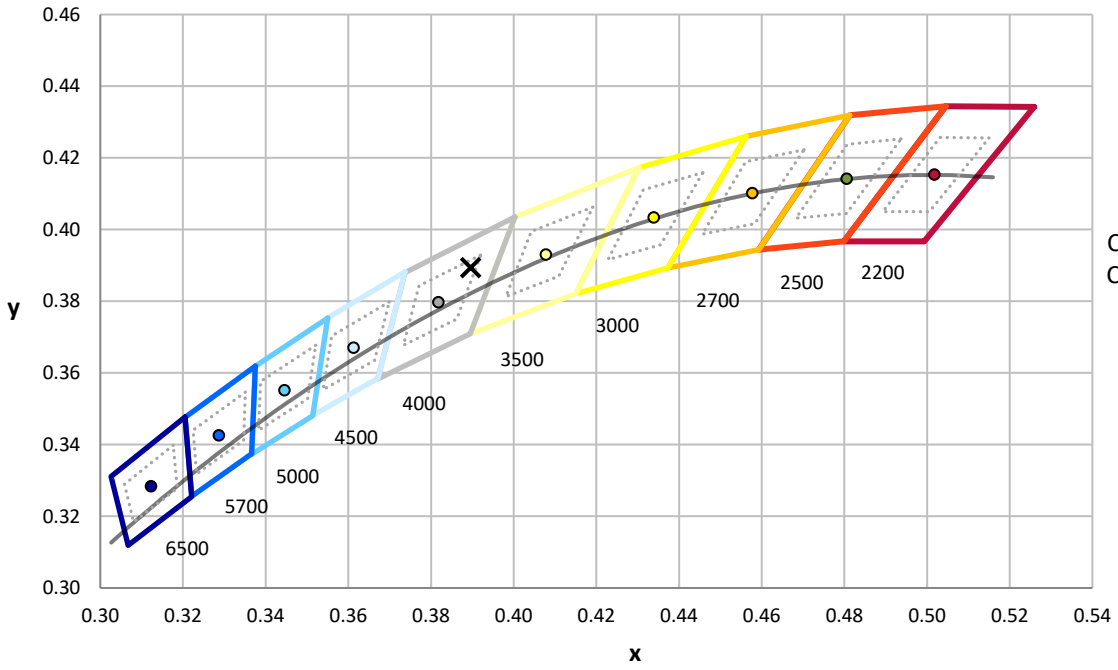
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

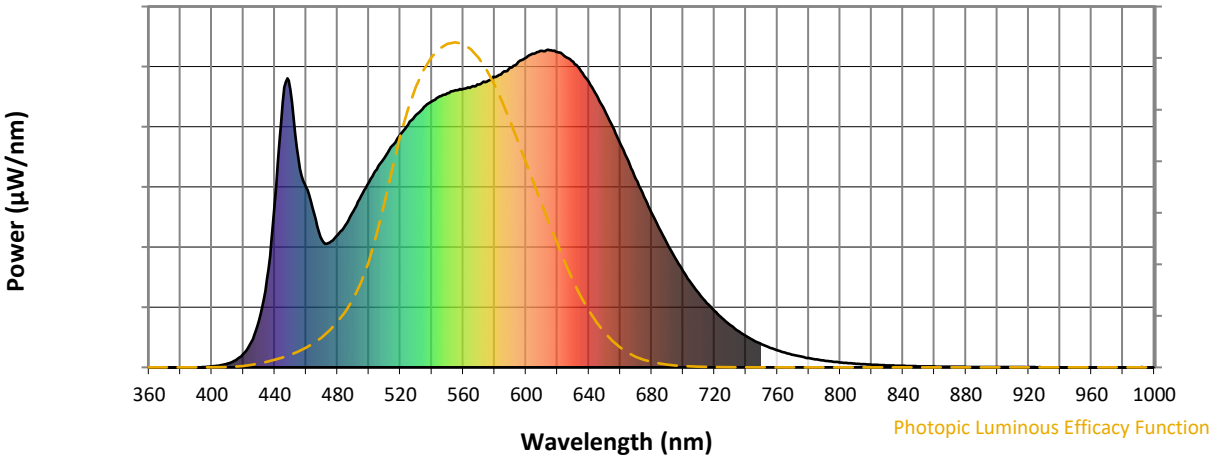


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

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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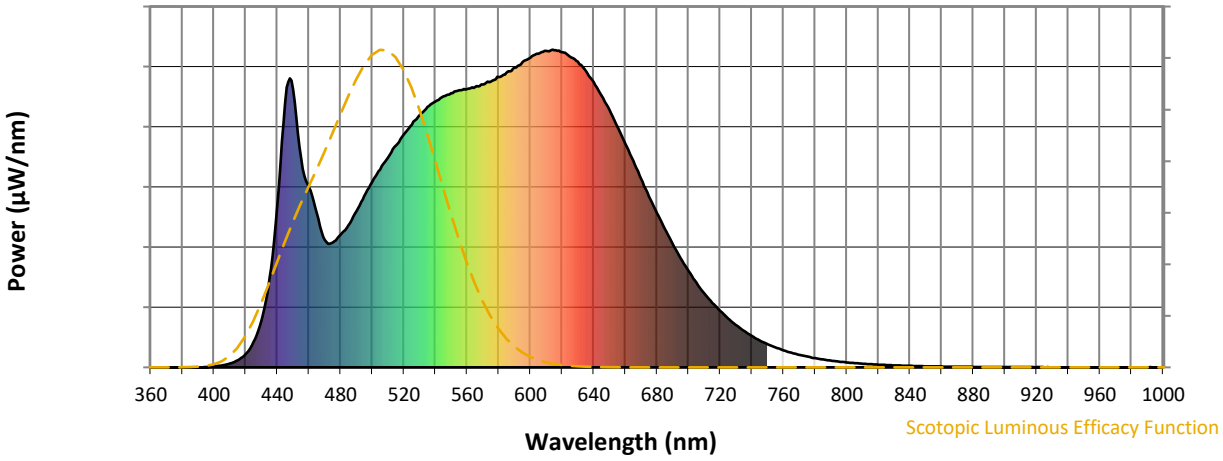
Scotopic Flux vs. Wavelength



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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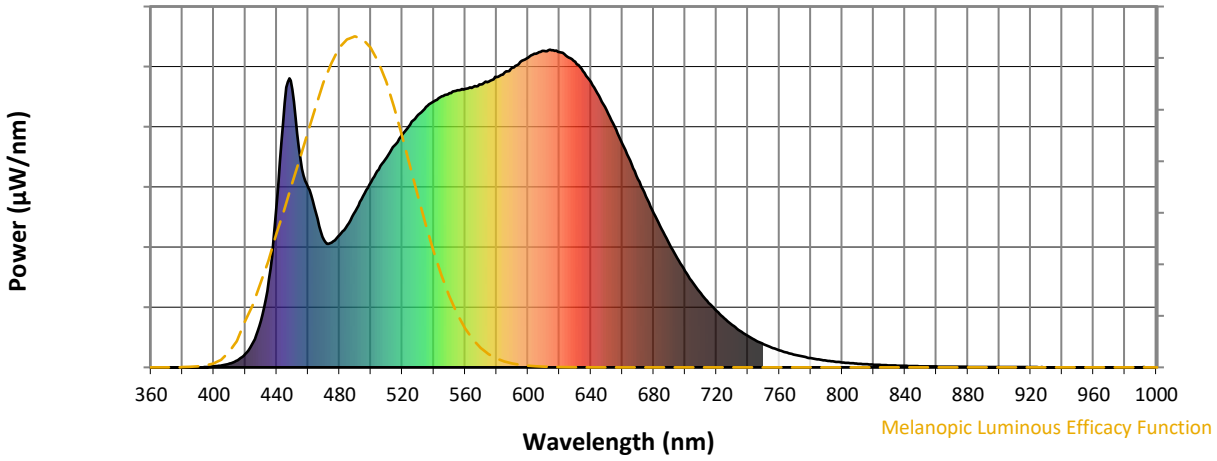
Melanopic Flux vs. Wavelength



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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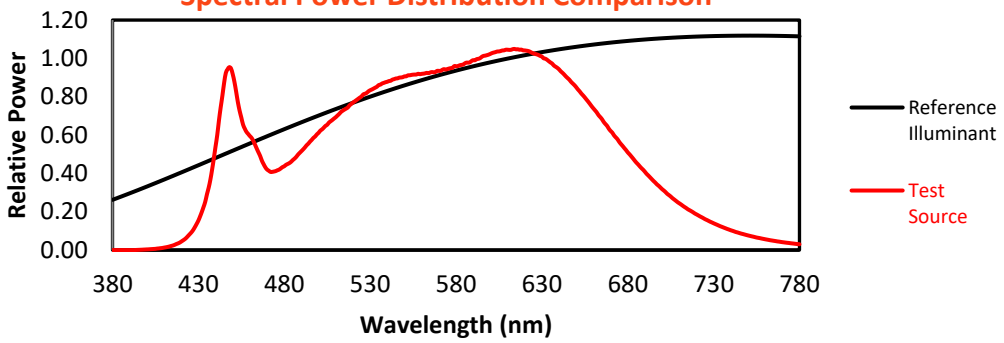
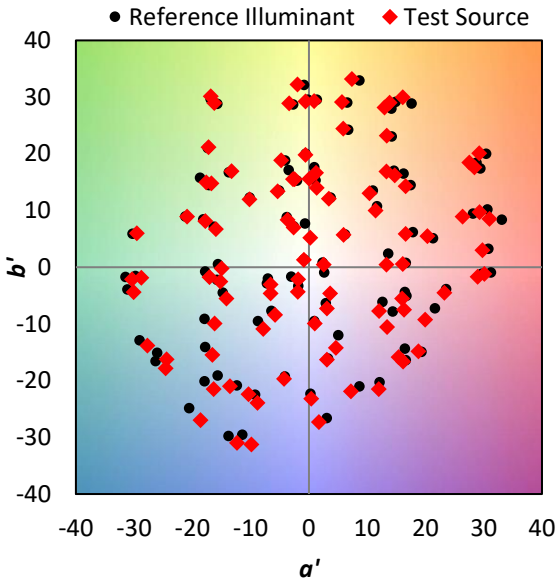
Summary

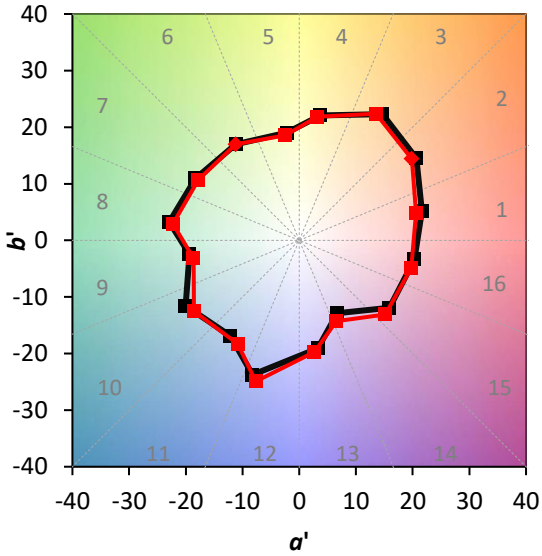
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

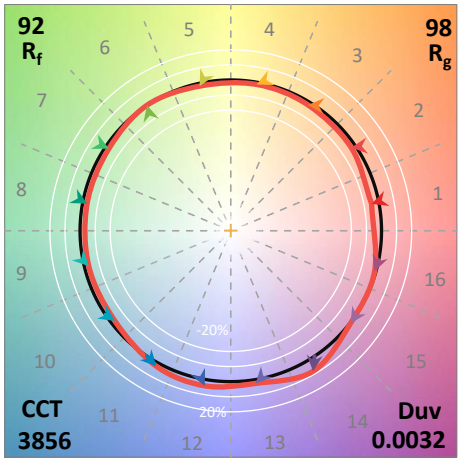
Spectral Power Distribution Comparison

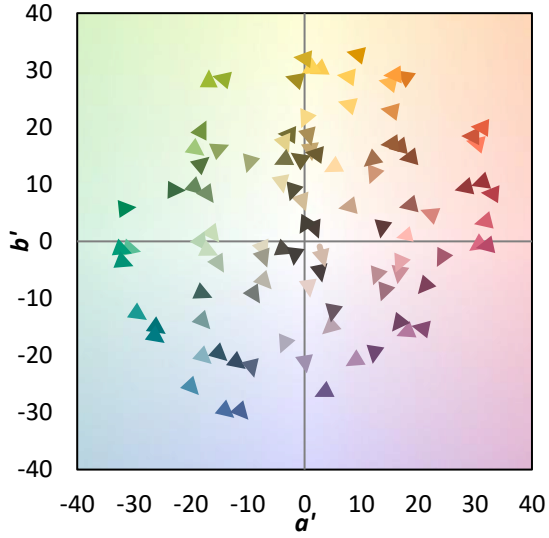


Color Vector Graphics









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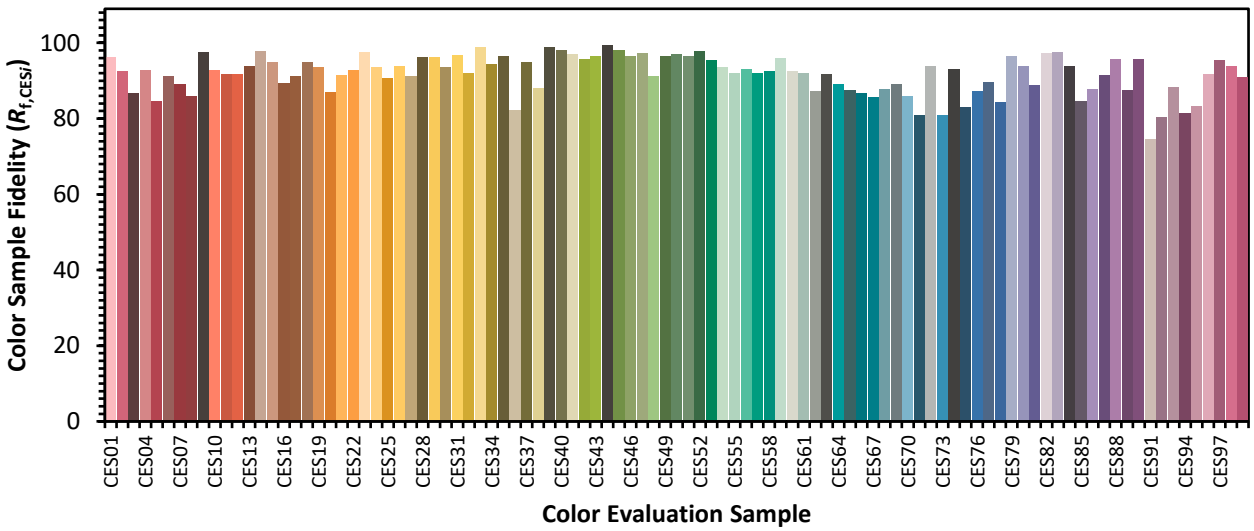
Individual Sample Fidelity Index ($R_{f,i}$)

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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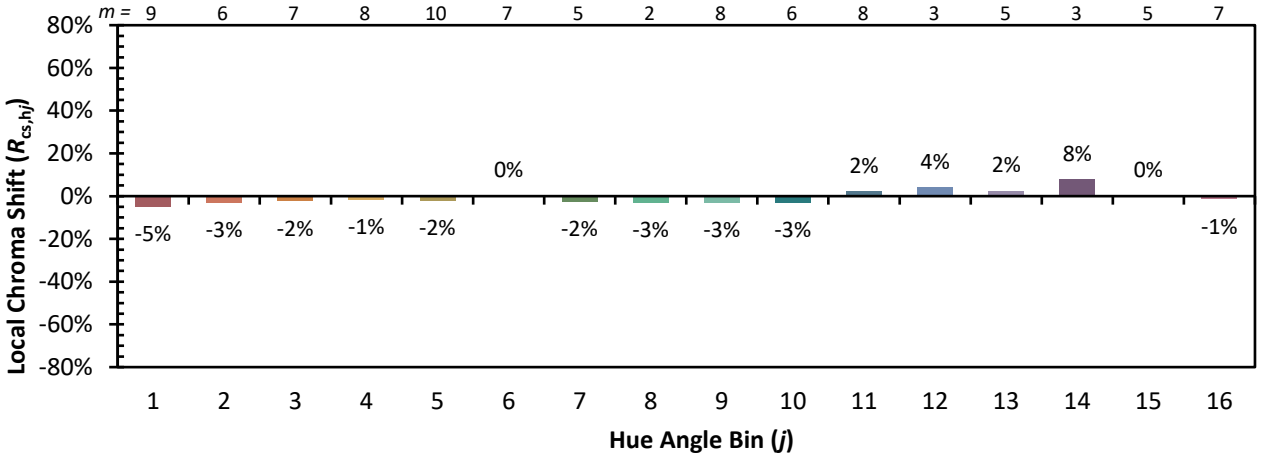
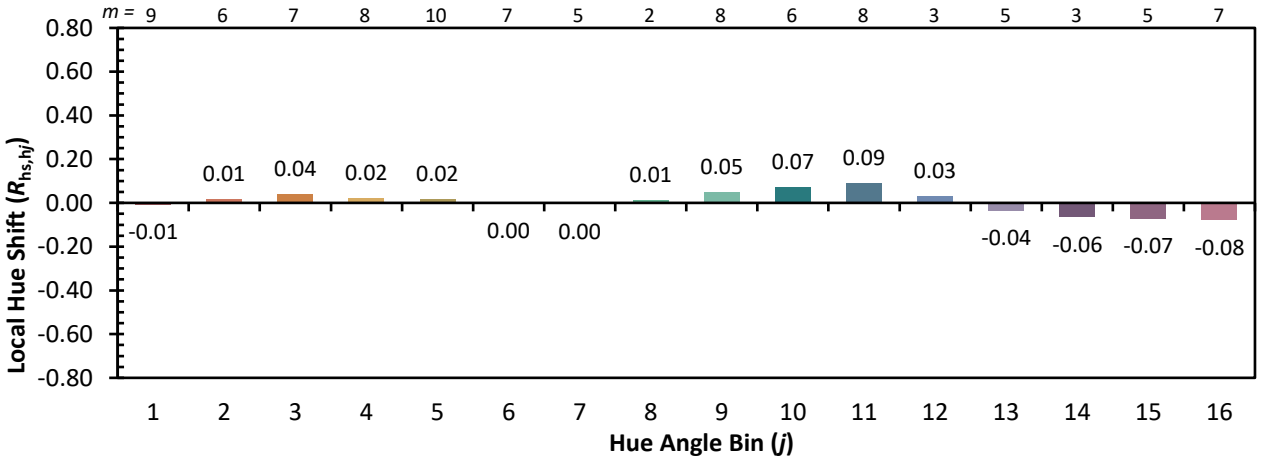
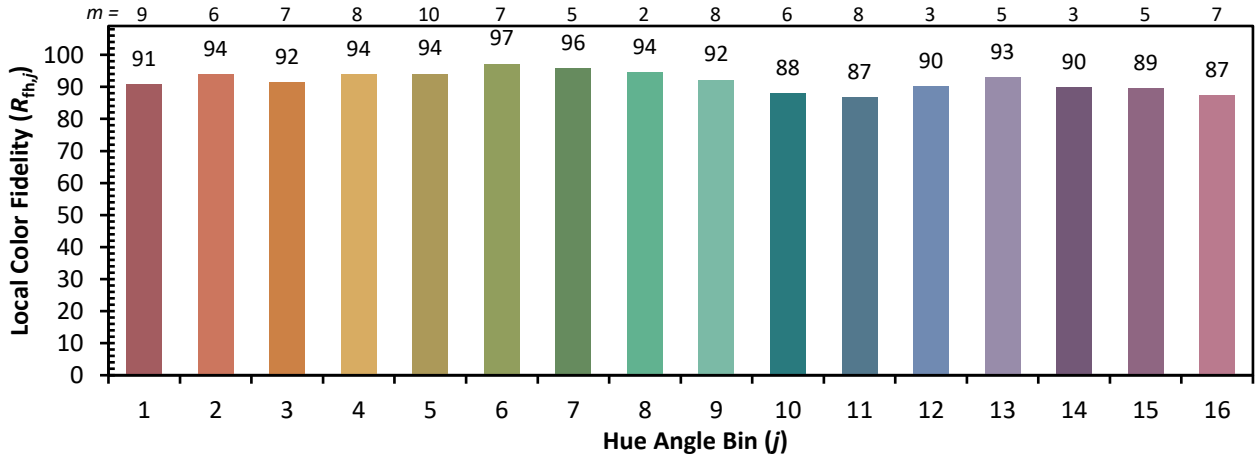
Color Rendition by Hue-Angle Bin







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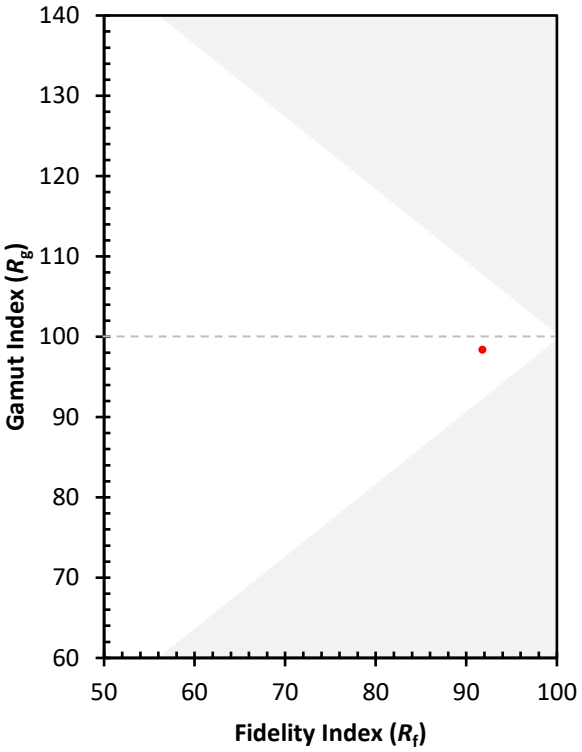
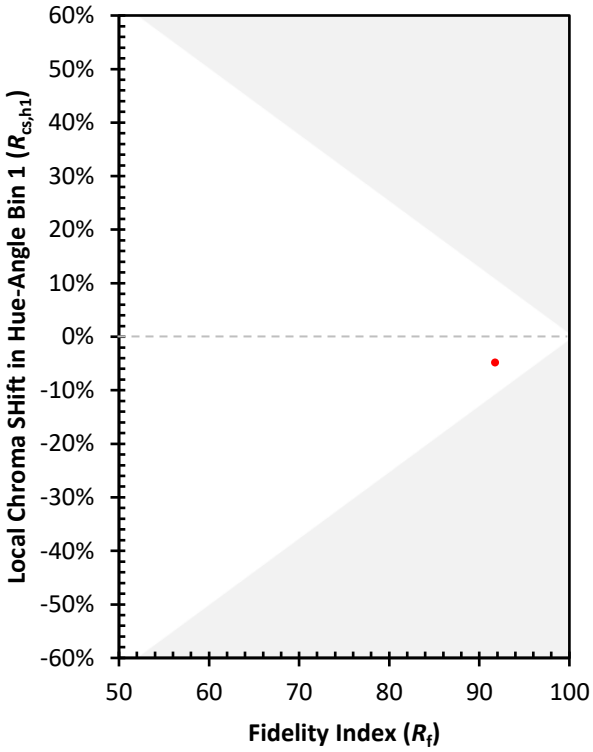
Measure Comparisons





(END OF REPORT)