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: P1458418

Luminaire Tested: GLAN-SB9D-835-U-T3LG-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:	P1458418
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9D-835-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 9xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(234) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	65730.5 lumens
Efficiency:	N/A
Efficacy:	99.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B4 - U0 - G5

Input Watts (W):	658
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: P1458418
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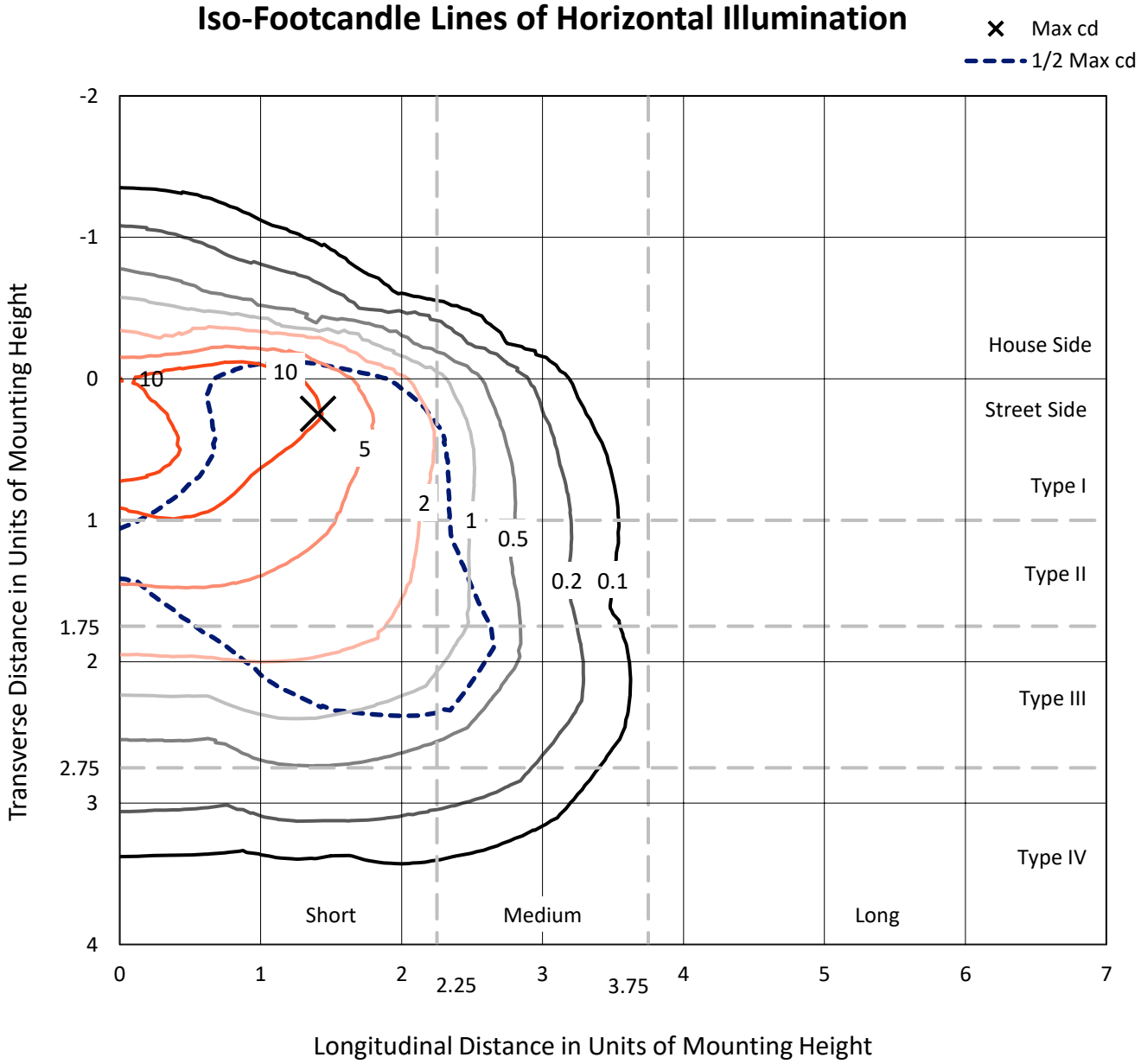
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 18 fc
Type III - Short - N/A

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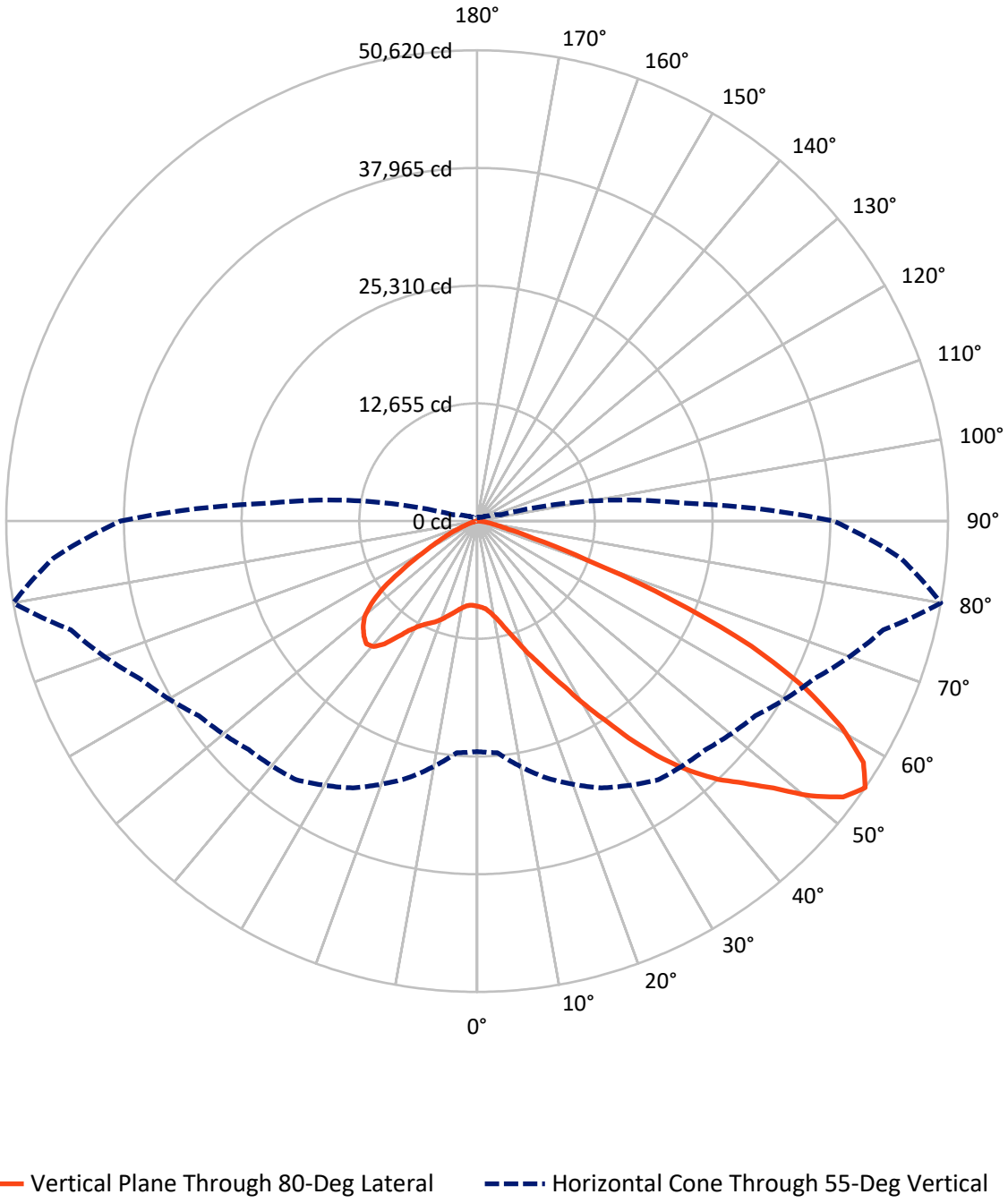
Luminous Intensity Polar Plot



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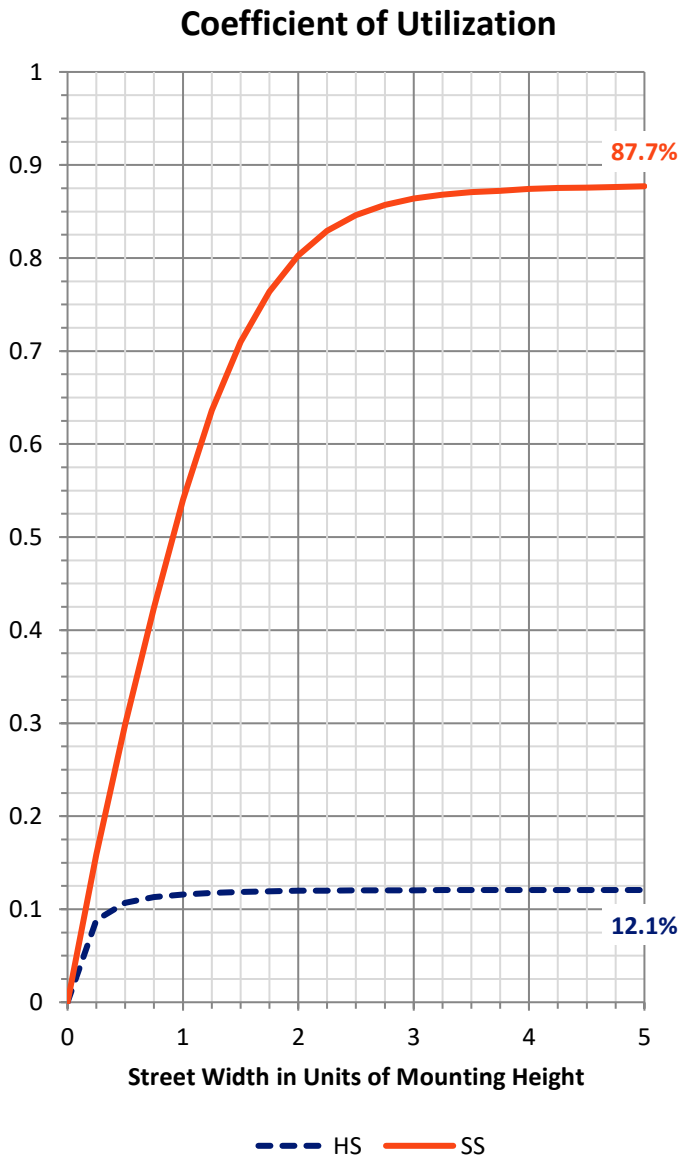
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7990.3	0.0	7990.3
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	57740.2	0.0	57740.2
	% Fixture	87.8	0.0	87.8
Total	Lumens	65730.5	0.0	65730.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	768.4	1.2
10°-20°	2025.8	3.1
20°-30°	3965.8	6.0
30°-40°	8068.2	12.3
40°-50°	13601.8	20.7
50°-60°	17379.0	26.4
60°-70°	14837.6	22.6
70°-80°	4741.5	7.2
80°-90°	342.4	0.5
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°	65730.5	100.0
0°-180°	65730.5	100.0



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REPORT NUMBER: P1458418
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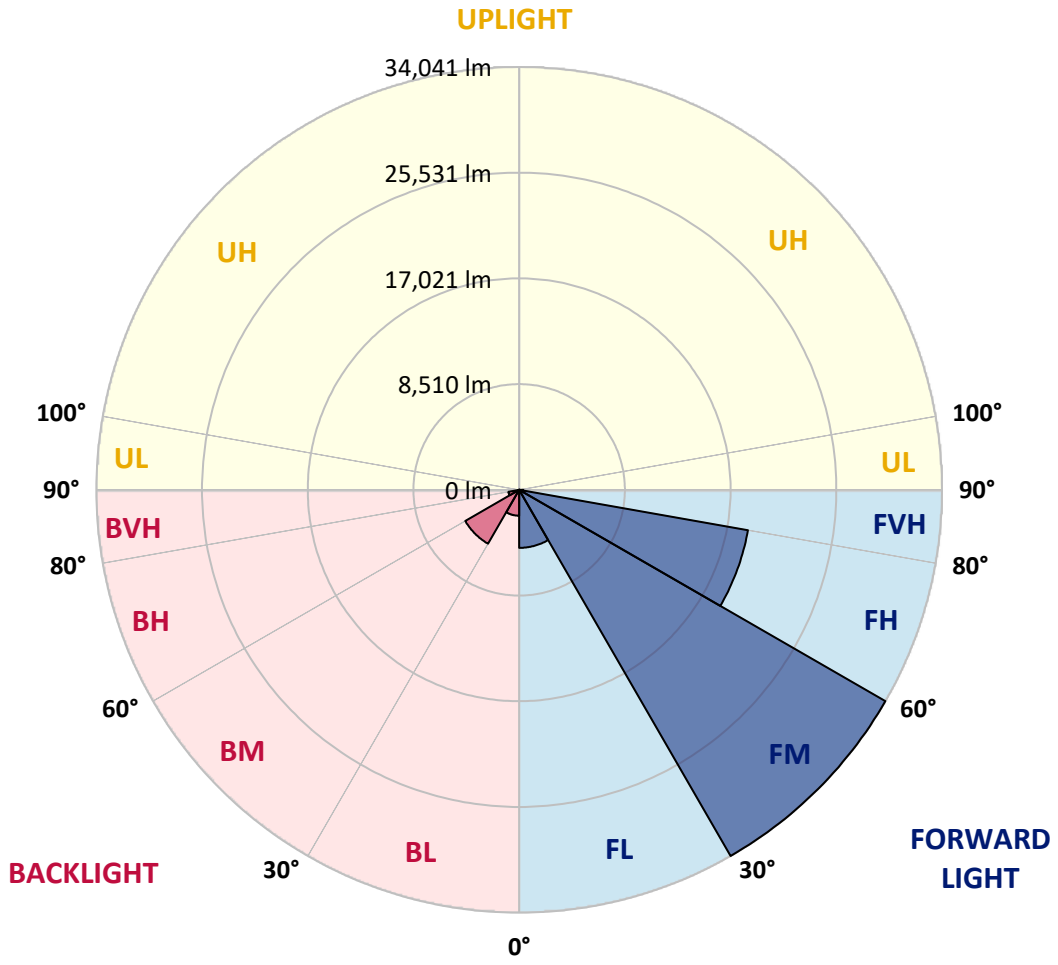
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4673.5	7.1			
FM	(30°-60°)	34041.3	51.8			
FH	(60°-80°)	18700.8	28.5			G5
FVH	(80°-90°)	324.5	0.5			G3/500
BL	(0°-30°)	2086.5	3.2	B3/2500		
BM	(30°-60°)	5007.7	7.6	B4/8500		
BH	(60°-80°)	878.2	1.3	B2/1000		G2/1000
BVH	(80°-90°)	17.8	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type III Short



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REPORT NUMBER: P1458418
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	9156.1	9156.1	9156.1	9156.1	9156.1	9156.1	9156.1	9156.1	9156.1	*9156.1*	9156.1
2.5°	9212.2	9230.9	9212.2	9230.9	9268.3	9249.6	9324.3	9305.6	9305.6	*9286.9*	9212.2
5°	8689.0	8707.7	8745.1	8838.5	8969.3	9100.1	9268.3	9380.4	9492.5	*9473.8*	9399.1
7.5°	7661.3	7698.6	7848.1	8035.0	8464.8	8857.2	9286.9	9567.2	9810.2	*9884.9*	9828.8
10°	7082.0	7119.4	7212.8	7399.7	7792.1	8446.1	9286.9	9866.2	10296.0	*10445.5*	10464.2
12.5°	7025.9	7044.6	7119.4	7324.9	7661.3	8221.8	9268.3	10258.6	10987.4	*11211.6*	11286.4
15°	7063.3	7100.7	7175.4	7343.6	7736.0	8371.3	9417.8	10875.3	11903.0	*12220.7*	12239.3
17.5°	7212.8	7250.2	7343.6	7530.5	7960.2	8763.7	9884.9	11510.6	13005.5	*13360.5*	13566.0
20°	7511.8	7530.5	7642.6	7885.5	8371.3	9249.6	10576.3	12370.1	14332.2	*14855.4*	15004.9
22.5°	7904.2	7960.2	8109.7	8408.7	9025.3	9922.3	11529.3	13416.6	15789.7	*16331.6*	16593.2
25°	8334.0	8408.7	8632.9	9118.8	9903.6	10950.0	12706.5	14799.3	17508.8	*18162.8*	18517.8
27.5°	9212.2	9230.9	9380.4	9997.0	11006.1	12295.4	14201.4	16574.5	19526.9	*20293.0*	20685.4
30°	11136.9	11155.6	11024.7	11192.9	12220.7	13883.7	15957.9	18648.6	21881.3	*22946.4*	23264.1
32.5°	13491.3	13584.7	13566.0	13453.9	13921.1	15472.0	18050.7	21133.9	24646.9	*25768.0*	26067.0
35°	16163.4	16387.6	16331.6	16294.2	16350.3	17508.8	20442.5	23880.7	27786.1	*29150.2*	29393.1
37.5°	18779.4	18835.5	19097.1	19414.8	19452.1	20255.6	23208.0	26795.7	30701.1	*32438.9*	32812.6
40°	20797.5	20984.4	21638.4	22273.7	22927.7	23563.1	25487.7	29150.2	33018.2	*35353.9*	35522.1
42.5°	22367.2	22815.6	23768.6	24759.0	26085.7	26795.7	27655.3	30813.2	34905.5	*37951.3*	37876.6
45°	24273.1	24460.0	25805.4	27113.4	28458.8	29542.6	29523.9	32214.7	36381.7	*40174.9*	39707.8
47.5°	25562.5	25786.7	27617.9	29150.2	30532.9	31074.8	31187.0	33728.3	38418.4	*42865.7*	41763.2
50°	26253.9	26646.3	28645.7	30589.0	32083.9	32252.1	32756.6	35709.0	41090.5	*46434.7*	44360.6
52.5°	26328.6	26702.3	29000.7	31504.6	33130.3	33466.7	34326.2	37951.3	43687.9	*49293.7*	45855.5
55°	*24777.7*	*25001.9*	*28570.9*	*31654.1*	*33952.5*	*34737.3*	*36493.8*	*40025.4*	*45201.5*	*50620.4*	*45724.7*
57.5°	23320.1	23544.4	26646.3	31392.5	34793.4	36400.4	38810.9	41445.6	44024.3	*48976.0*	42809.7
60°	22068.2	22180.3	25001.9	30177.9	35111.0	38026.0	40810.3	40044.1	40978.4	*45033.3*	37820.5
62.5°	19713.7	19788.5	23133.3	27991.7	34475.7	39278.0	41501.6	37073.1	37633.6	*39595.7*	31953.1
65°	14892.8	15173.0	18237.6	26347.3	33429.3	39857.3	39894.6	33448.0	32868.7	*32401.5*	25132.7
67.5°	10109.1	10426.8	12276.7	23693.9	31728.9	40100.2	36774.1	28757.8	25039.3	*22628.8*	16462.4
70°	8072.4	8072.4	8707.7	19041.0	27692.7	36998.3	32906.1	21713.1	15901.8	*12500.9*	8819.8
72.5°	5306.8	5325.5	5923.5	12089.9	19639.0	28215.9	26833.1	12557.0	8259.2	*6371.9*	4353.8
75°	1924.7	1924.7	2597.4	4839.7	10389.4	16798.7	16350.3	5998.2	4484.6	*3475.6*	2634.7
77.5°	1027.7	1065.1	1252.0	1999.4	3980.1	6839.1	6390.6	3064.5	2541.3	*2167.6*	1644.4
80°	691.4	710.1	840.9	1233.3	1924.7	2634.7	2055.5	1719.1	1719.1	*1457.5*	1102.5
82.5°	373.7	392.4	560.6	803.5	1027.7	1233.3	990.4	1009.0	1214.6	*990.4*	635.3
85°	261.6	261.6	429.8	579.3	579.3	598.0	429.8	635.3	710.1	*616.6*	429.8
87.5°	149.5	149.5	242.9	280.3	280.3	261.6	130.8	224.2	280.3	*317.7*	186.9
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: P1458418
CATALOG NUMBER: GLAN-SB9D-835-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9156.1	9156.1	9156.1	9156.1	9156.1	9156.1	9156.1	9156.1	9156.1	9156.1	9156.1
2.5°	9193.5	9137.5	9025.3	8801.1	8689.0	8539.5	8408.7	8240.5	8203.2	8184.5	8109.7
5°	9343.0	9230.9	8894.5	8408.7	7997.6	7605.2	7212.8	6988.6	6801.7	6708.3	6689.6
7.5°	9716.7	9492.5	8875.9	8016.3	7250.2	6577.5	5998.2	5493.7	5232.1	5007.9	5026.5
10°	10277.3	9922.3	8913.2	7642.6	6502.7	5418.9	4578.1	3849.3	3326.1	3083.2	3064.5
12.5°	11024.7	10520.2	9044.0	7268.9	5587.1	4073.6	3008.4	2578.7	2466.6	2447.9	2429.2
15°	11940.4	11230.3	9174.8	6783.0	4353.8	2821.6	2447.9	2354.4	2335.8	2317.1	2317.1
17.5°	13042.8	12052.5	9249.6	5960.8	3176.6	2429.2	2298.4	2242.3	2223.6	2204.9	2204.9
20°	14425.6	12968.1	9343.0	4914.4	2690.8	2335.8	2186.3	2111.5	2092.8	2092.8	2074.1
22.5°	15789.7	13995.8	9268.3	3998.8	2597.4	2223.6	2055.5	1980.7	1943.3	1943.3	1924.7
25°	17359.3	15042.2	9044.0	3606.4	2578.7	2130.2	1924.7	1812.5	1756.5	1737.8	1737.8
27.5°	19153.2	16238.1	8689.0	3625.1	2578.7	2055.5	1756.5	1607.0	1569.6	1532.3	1532.3
30°	21208.6	17695.7	8427.4	3868.0	2616.0	1980.7	1607.0	1420.1	1364.1	1326.7	1345.4
32.5°	23563.1	19321.3	8408.7	4260.4	2672.1	1868.6	1438.8	1233.3	1177.2	1158.5	1177.2
35°	26235.2	21339.4	8838.5	4559.4	2522.6	1625.7	1233.3	1065.1	1009.0	1009.0	1027.7
37.5°	29206.2	23656.5	9417.8	4484.6	2036.8	1289.3	1065.1	934.3	878.2	896.9	915.6
40°	31915.7	25469.0	9511.2	3830.6	1532.3	1102.5	915.6	822.2	784.8	803.5	822.2
42.5°	33971.2	26926.5	8614.3	2971.1	1289.3	934.3	784.8	710.1	691.4	728.8	728.8
45°	35634.2	27505.8	7194.1	2204.9	1139.8	803.5	691.4	654.0	616.6	635.3	635.3
47.5°	37372.0	27599.2	5867.4	1775.2	1009.0	728.8	635.3	598.0	560.6	560.6	560.6
50°	39053.8	27375.0	4484.6	1569.6	934.3	654.0	579.3	541.9	504.5	485.8	485.8
52.5°	39464.9	25581.2	3288.7	1457.5	859.6	616.6	541.9	504.5	467.2	448.5	448.5
55°	*38325.0*	*22180.3*	*2578.7*	*1308.0*	*784.8*	*560.6*	*504.5*	*467.2*	*411.1*	*392.4*	*392.4*
57.5°	34569.1	16910.8	2055.5	1121.2	710.1	541.9	467.2	429.8	373.7	355.0	355.0
60°	29692.1	11996.4	1663.1	915.6	654.0	485.8	429.8	373.7	336.3	299.0	299.0
62.5°	24291.8	8614.3	1345.4	766.1	616.6	429.8	392.4	336.3	261.6	205.5	205.5
65°	18630.0	6185.1	1046.4	616.6	560.6	373.7	336.3	280.3	205.5	149.5	149.5
67.5°	12052.5	3998.8	784.8	541.9	429.8	317.7	261.6	224.2	186.9	130.8	112.1
70°	6353.2	2335.8	579.3	467.2	317.7	242.9	224.2	186.9	149.5	93.4	93.4
72.5°	3288.7	1532.3	429.8	411.1	242.9	168.2	186.9	149.5	112.1	56.1	56.1
75°	2111.5	1027.7	317.7	336.3	149.5	130.8	130.8	93.4	56.1	37.4	18.7
77.5°	1364.1	691.4	224.2	280.3	93.4	74.7	74.7	37.4	18.7	0.0	0.0
80°	803.5	429.8	149.5	186.9	37.4	37.4	18.7	0.0	0.0	0.0	0.0
82.5°	411.1	224.2	74.7	74.7	18.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	261.6	112.1	18.7	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	130.8	37.4	18.7	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

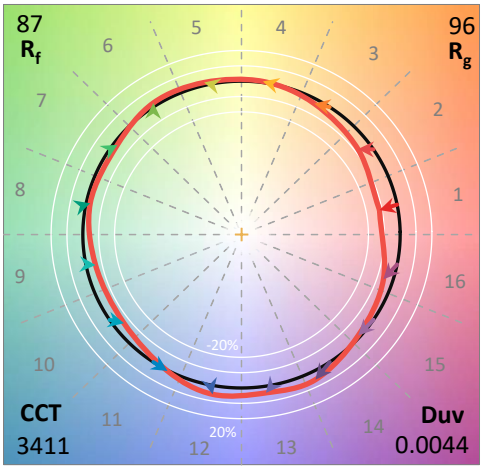
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

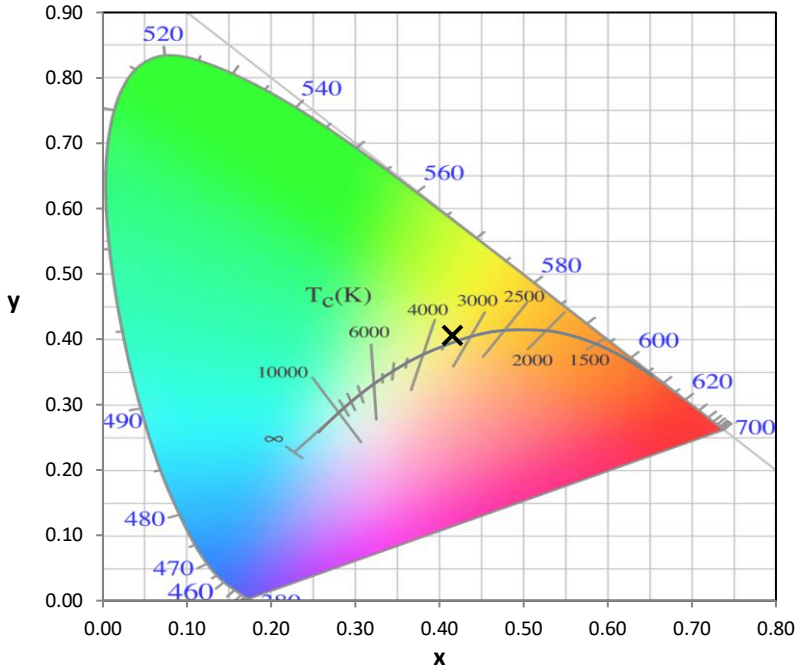
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

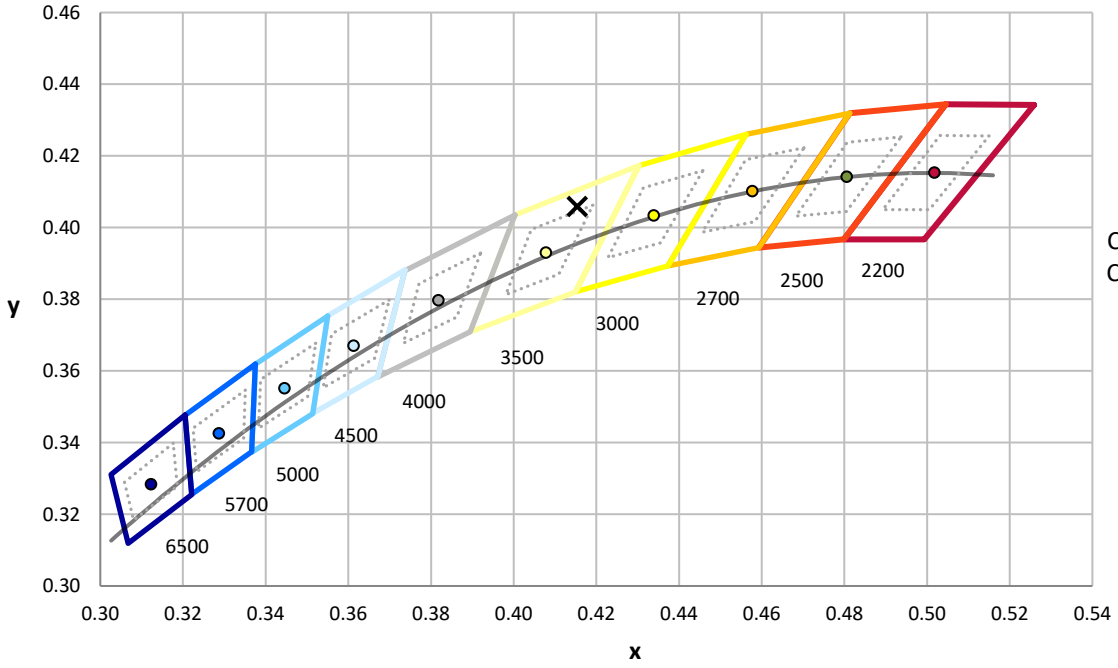
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

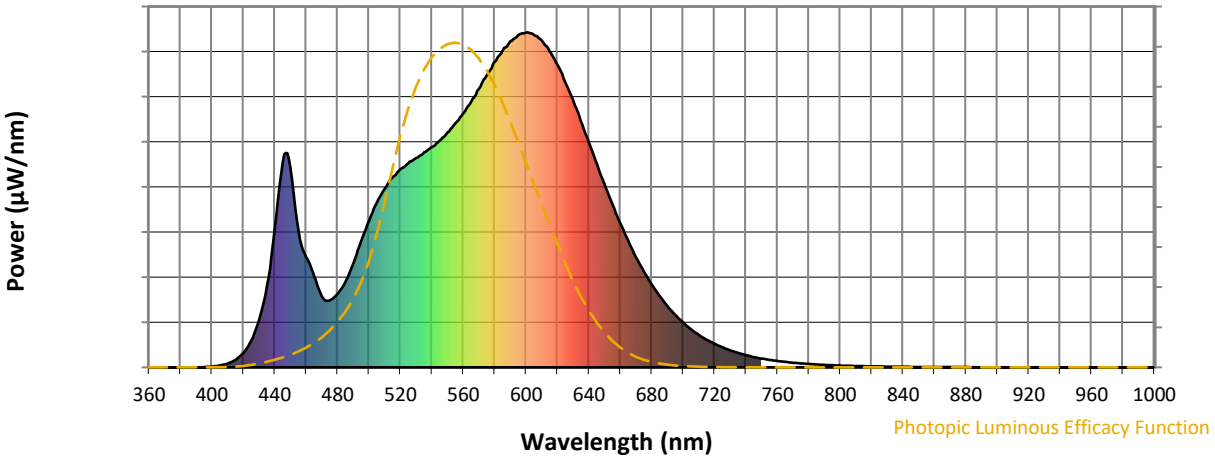


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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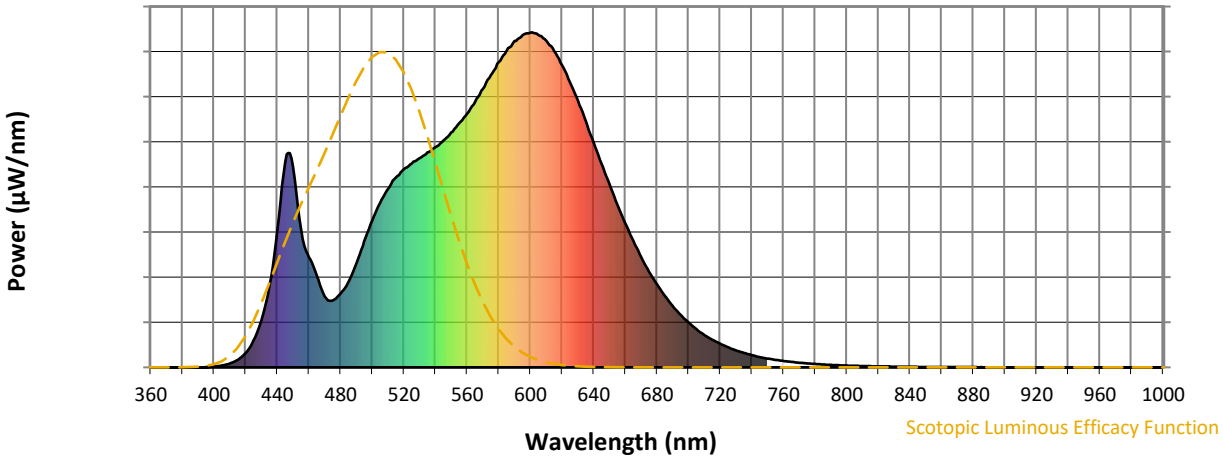
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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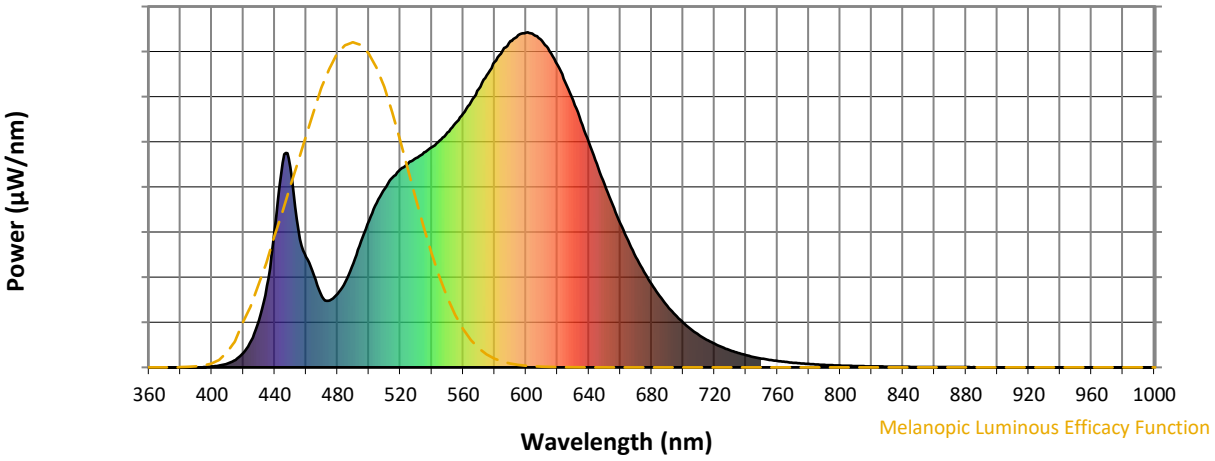
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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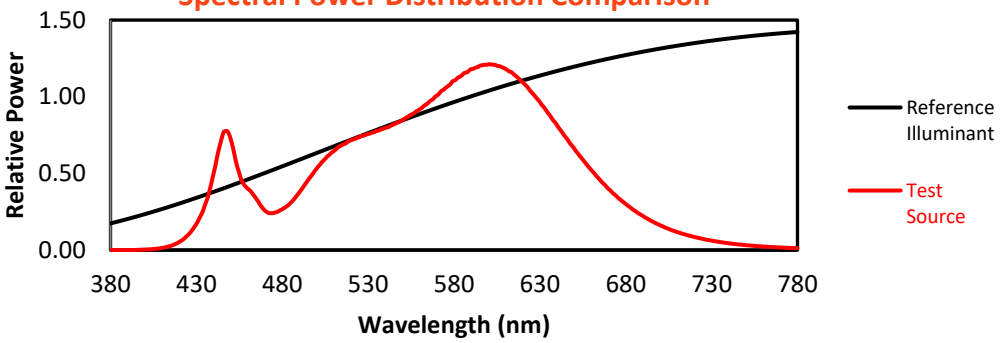
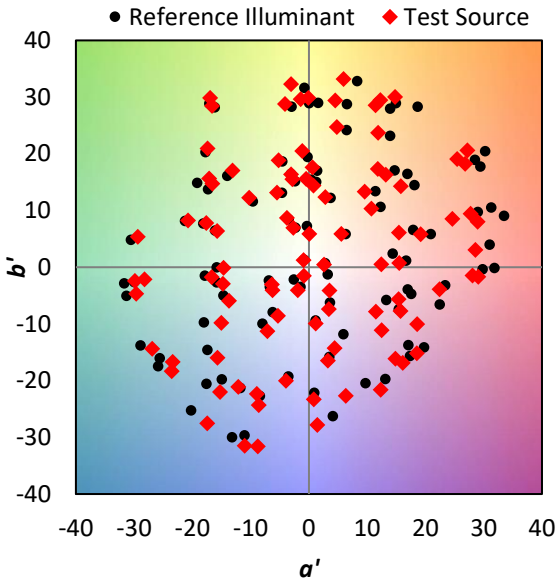
Summary

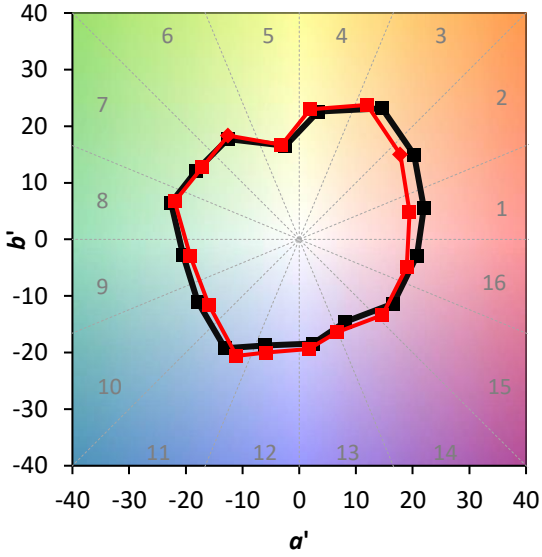
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

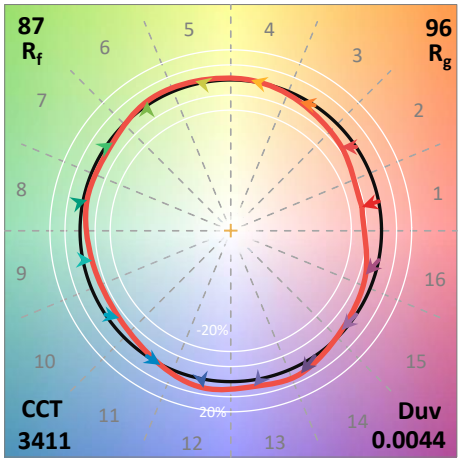
Spectral Power Distribution Comparison

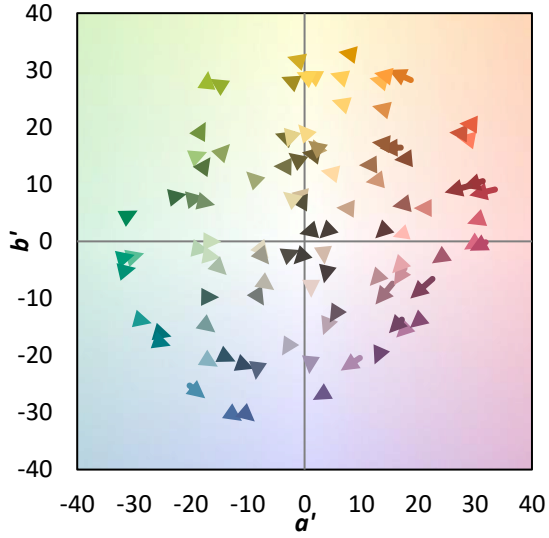


Color Vector Graphics









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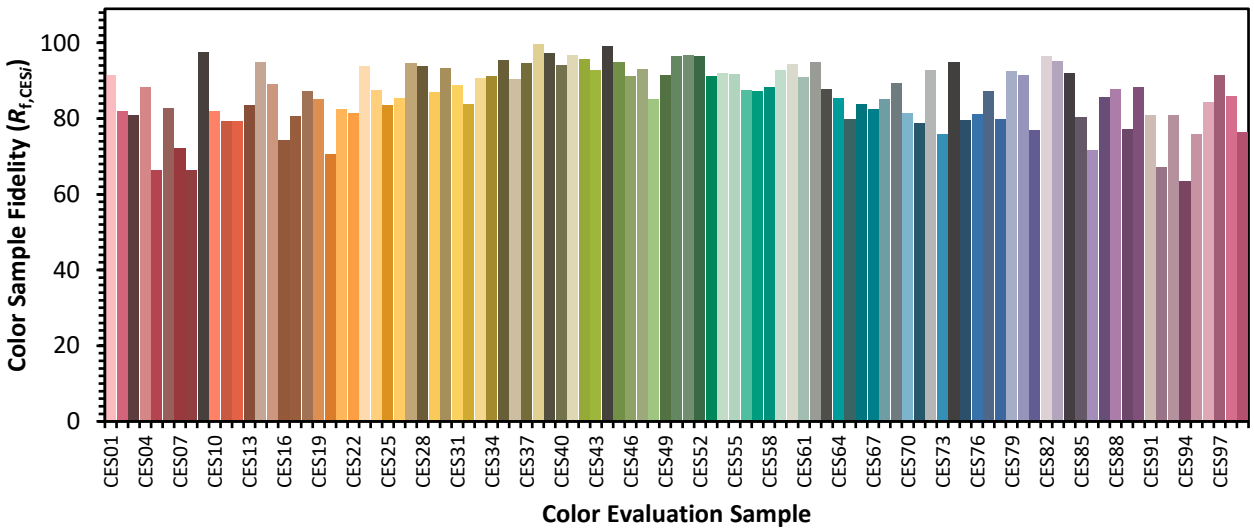
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



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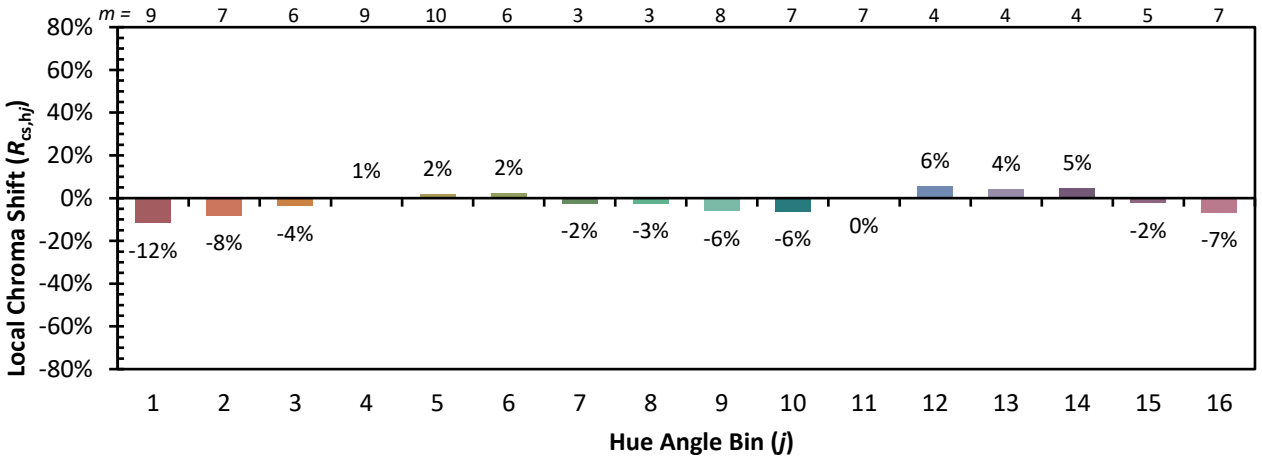
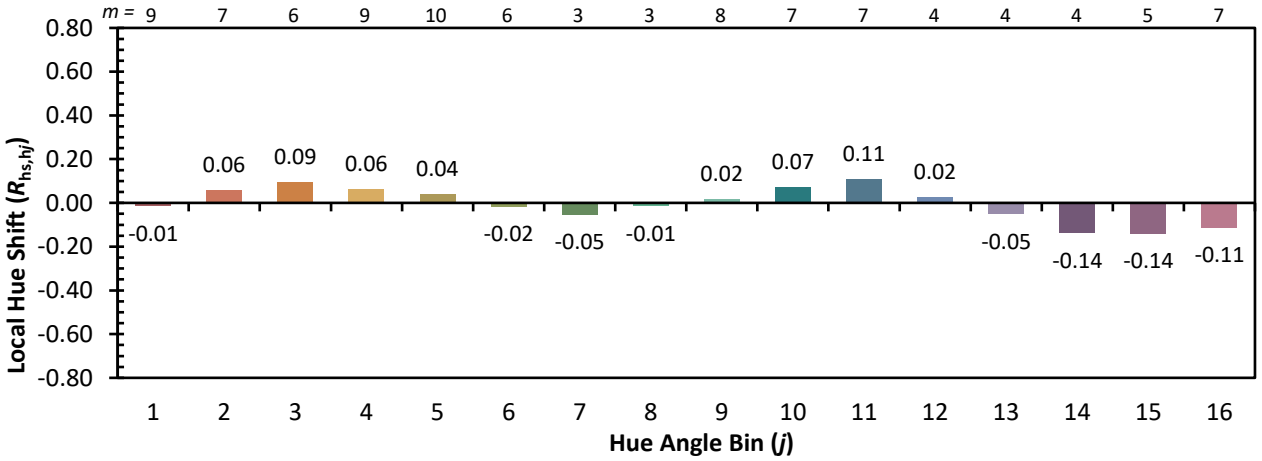
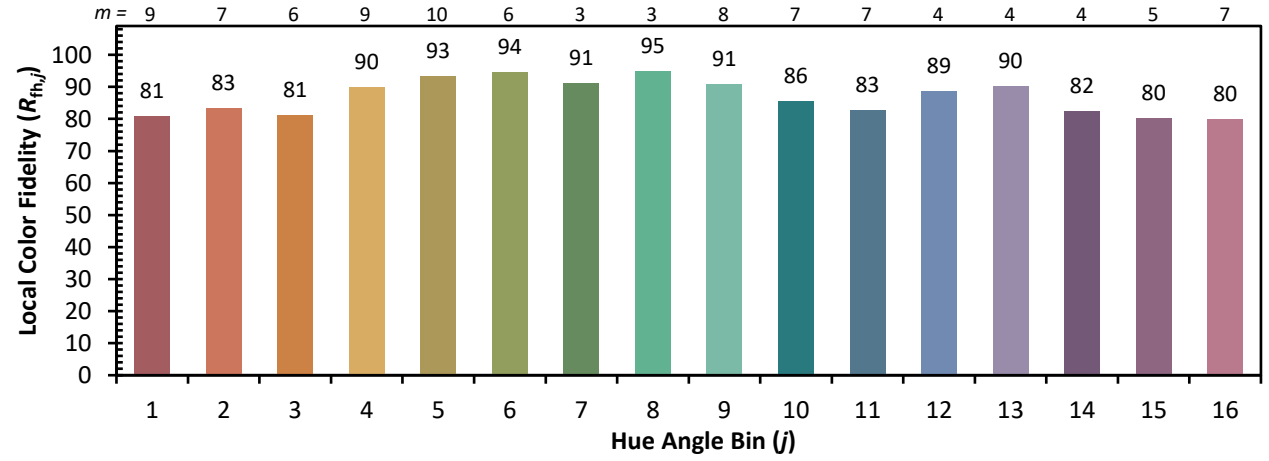
Color Rendition by Hue-Angle Bin







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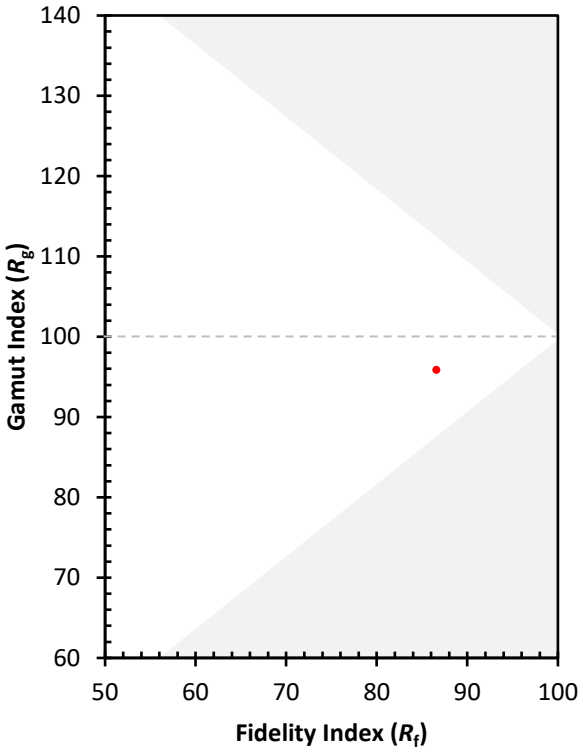
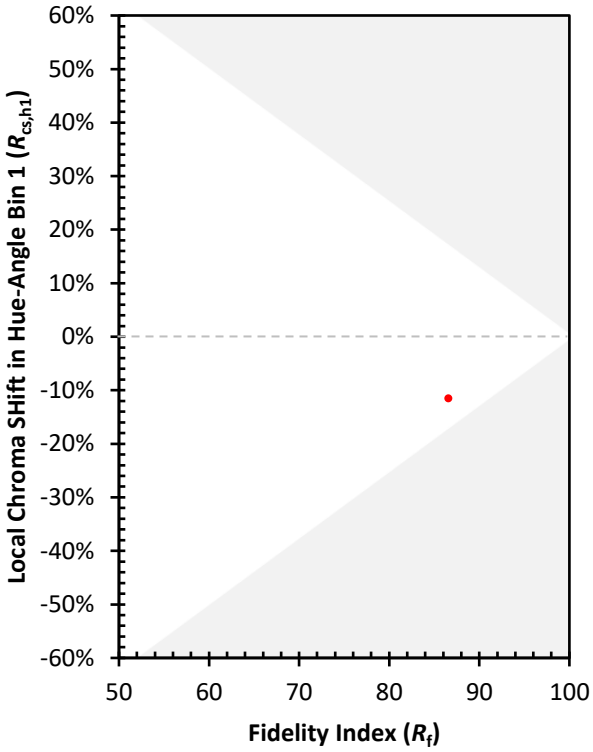
Measure Comparisons





(END OF REPORT)