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: P1458103

Luminaire Tested: GLAN-SB3A-722-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:	P1458103
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-722-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 70CRI 2200K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8499.8 lumens
Efficiency:	N/A
Efficacy:	100.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	84.7
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: P1458103
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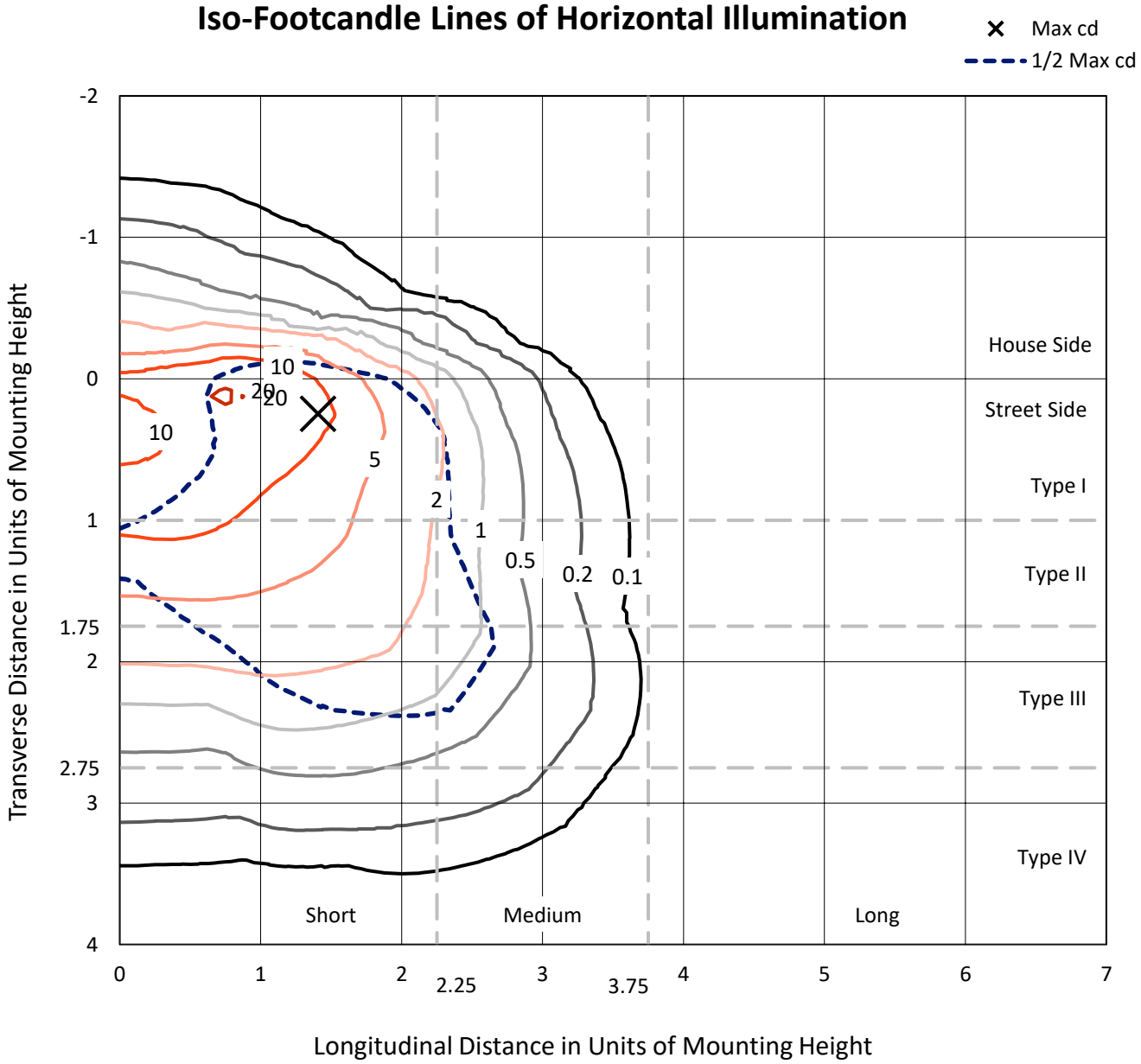
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 21 fc
Type III - Short - N/A

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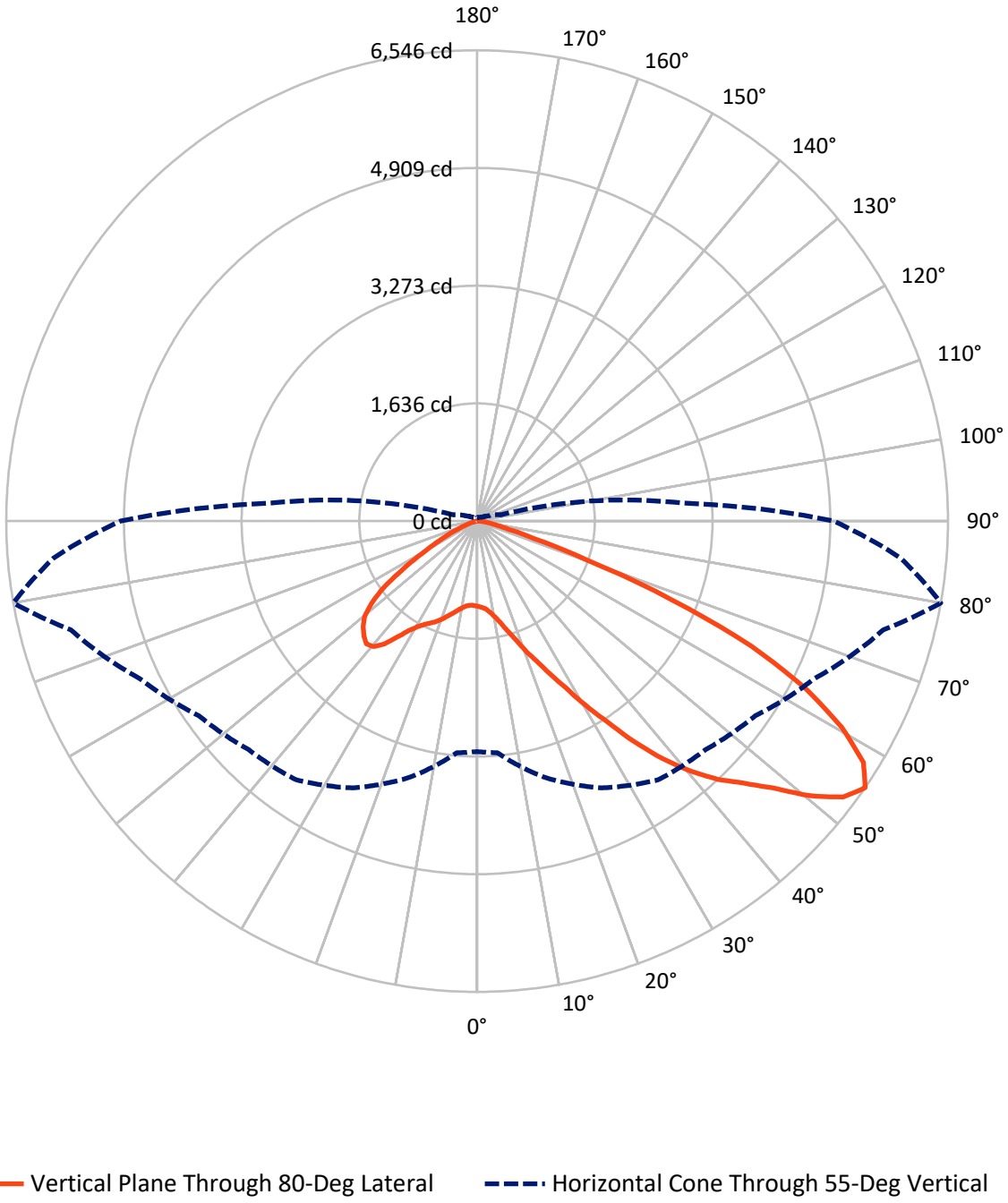
Luminous Intensity Polar Plot



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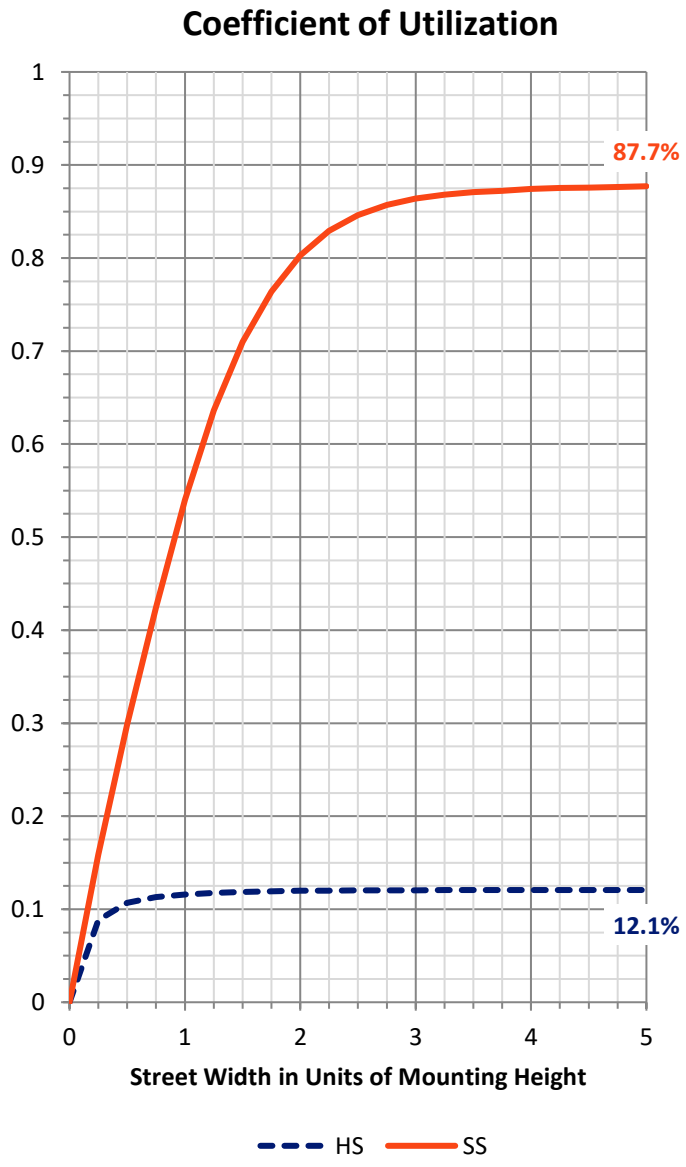
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1033.2	0.0	1033.2
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	7466.5	0.0	7466.5
	% Fixture	87.8	0.0	87.8
Total	Lumens	8499.8	0.0	8499.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.4	1.2
10°-20°	262.0	3.1
20°-30°	512.8	6.0
30°-40°	1043.3	12.3
40°-50°	1758.9	20.7
50°-60°	2247.3	26.4
60°-70°	1918.7	22.6
70°-80°	613.1	7.2
80°-90°	44.3	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°	8499.8	100.0
0°-180°	8499.8	100.0



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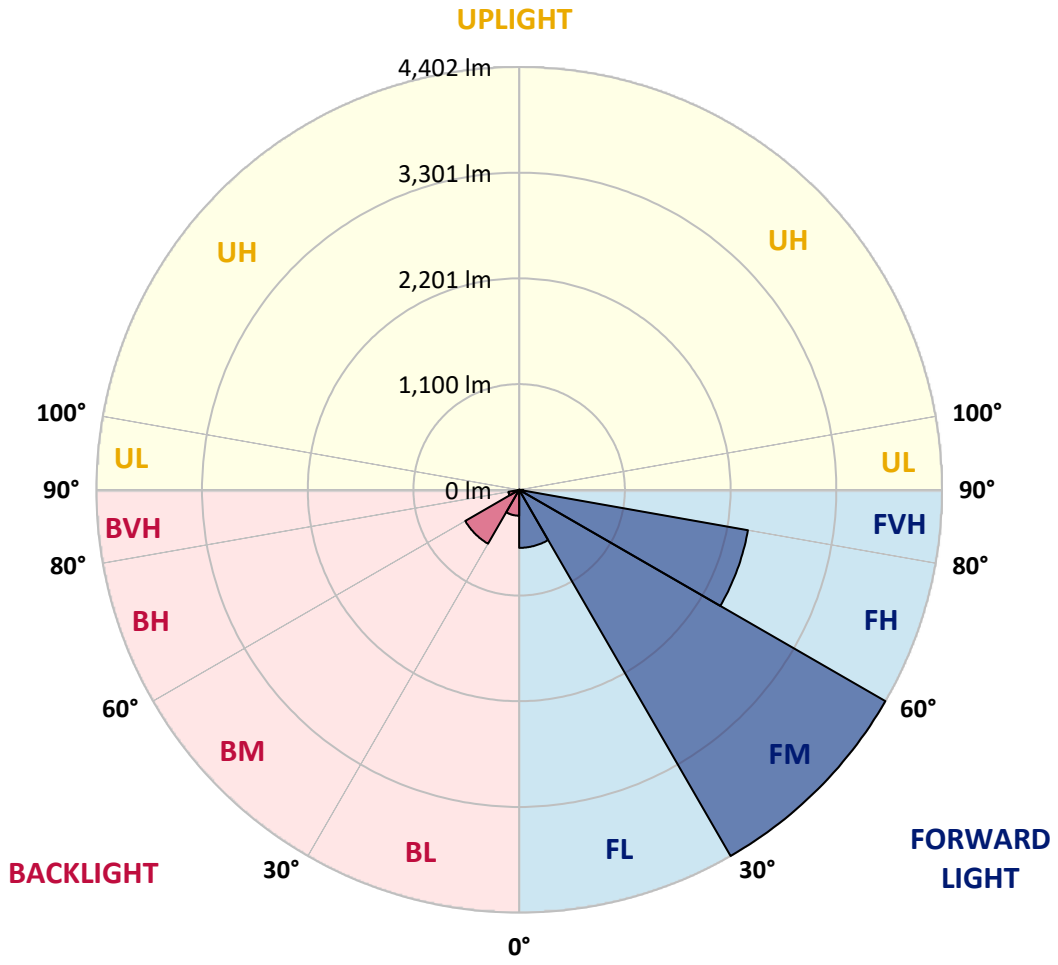
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	604.3	7.1			
FM	(30°-60°)	4402.0	51.8			
FH	(60°-80°)	2418.3	28.5			G2/5000
FVH	(80°-90°)	42.0	0.5			G1/100
BL	(0°-30°)	269.8	3.2	B1/500		
BM	(30°-60°)	647.6	7.6	B1/1000		
BH	(60°-80°)	113.6	1.3	B1/500		G1/500
BVH	(80°-90°)	2.3	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 III Short



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Scaled Data Report

REPORT NUMBER: P1458103
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1184.0	1184.0	1184.0	1184.0	1184.0	1184.0	1184.0	1184.0	1184.0	*1184.0*	1184.0
2.5°	1191.3	1193.7	1191.3	1193.7	1198.5	1196.1	1205.8	1203.3	1203.3	*1200.9*	1191.3
5°	1123.6	1126.0	1130.8	1142.9	1159.8	1176.8	1198.5	1213.0	1227.5	*1225.1*	1215.4
7.5°	990.7	995.5	1014.9	1039.0	1094.6	1145.3	1200.9	1237.2	1268.6	*1278.2*	1271.0
10°	915.8	920.6	932.7	956.9	1007.6	1092.2	1200.9	1275.8	1331.4	*1350.7*	1353.1
12.5°	908.5	911.0	920.6	947.2	990.7	1063.2	1198.5	1326.6	1420.8	*1449.8*	1459.5
15°	913.4	918.2	927.9	949.6	1000.4	1082.5	1217.8	1406.3	1539.2	*1580.3*	1582.7
17.5°	932.7	937.5	949.6	973.8	1029.4	1133.3	1278.2	1488.5	1681.8	*1727.7*	1754.3
20°	971.4	973.8	988.3	1019.7	1082.5	1196.1	1367.6	1599.6	1853.3	*1921.0*	1940.3
22.5°	1022.1	1029.4	1048.7	1087.4	1167.1	1283.1	1490.9	1734.9	2041.8	*2111.9*	2145.7
25°	1077.7	1087.4	1116.3	1179.2	1280.7	1416.0	1643.1	1913.7	2264.1	*2348.7*	2394.6
27.5°	1191.3	1193.7	1213.0	1292.7	1423.2	1590.0	1836.4	2143.3	2525.1	*2624.1*	2674.9
30°	1440.1	1442.6	1425.6	1447.4	1580.3	1795.3	2063.6	2411.5	2829.5	*2967.3*	3008.3
32.5°	1744.6	1756.7	1754.3	1739.8	1800.2	2000.7	2334.2	2732.9	3187.1	*3332.1*	3370.8
35°	2090.1	2119.1	2111.9	2107.0	2114.3	2264.1	2643.5	3088.1	3593.1	*3769.5*	3800.9
37.5°	2428.4	2435.7	2469.5	2510.6	2515.4	2619.3	3001.1	3465.0	3970.0	*4194.8*	4243.1
40°	2689.4	2713.5	2798.1	2880.3	2964.8	3047.0	3295.9	3769.5	4269.7	*4571.7*	4593.5
42.5°	2892.4	2950.3	3073.6	3201.6	3373.2	3465.0	3576.2	3984.5	4513.7	*4907.6*	4897.9
45°	3138.8	3163.0	3337.0	3506.1	3680.1	3820.2	3817.8	4165.8	4704.6	*5195.1*	5134.7
47.5°	3305.5	3334.5	3571.3	3769.5	3948.3	4018.4	4032.9	4361.5	4968.0	*5543.1*	5400.5
50°	3395.0	3445.7	3704.2	3955.5	4148.9	4170.6	4235.8	4617.6	5313.5	*6004.6*	5736.4
52.5°	3404.6	3452.9	3750.2	4073.9	4284.2	4327.7	4438.8	4907.6	5649.4	*6374.3*	5929.7
55°	*3204.1*	*3233.1*	*3694.6*	*4093.3*	*4390.5*	*4492.0*	*4719.1*	*5175.8*	*5845.1*	*6545.9*	*5912.8*
57.5°	3015.6	3044.6	3445.7	4059.4	4499.2	4707.0	5018.7	5359.4	5692.9	*6333.2*	5535.8
60°	2853.7	2868.2	3233.1	3902.4	4540.3	4917.2	5277.3	5178.2	5299.0	*5823.4*	4890.7
62.5°	2549.2	2558.9	2991.4	3619.7	4458.1	5079.1	5366.7	4794.0	4866.5	*5120.2*	4131.9
65°	1925.8	1962.1	2358.3	3407.0	4322.8	5154.0	5158.9	4325.2	4250.3	*4189.9*	3250.0
67.5°	1307.2	1348.3	1587.5	3063.9	4102.9	5185.5	4755.4	3718.7	3237.9	*2926.2*	2128.8
70°	1043.9	1043.9	1126.0	2462.2	3581.0	4784.3	4255.2	2807.8	2056.3	*1616.5*	1140.5
72.5°	686.2	688.7	766.0	1563.4	2539.6	3648.7	3469.9	1623.8	1068.0	*824.0*	563.0
75°	248.9	248.9	335.9	625.8	1343.5	2172.3	2114.3	775.6	579.9	*449.4*	340.7
77.5°	132.9	137.7	161.9	258.5	514.7	884.4	826.4	396.3	328.6	*280.3*	212.6
80°	89.4	91.8	108.7	159.5	248.9	340.7	265.8	222.3	222.3	*188.5*	142.6
82.5°	48.3	50.7	72.5	103.9	132.9	159.5	128.1	130.5	157.1	*128.1*	82.2
85°	33.8	33.8	55.6	74.9	74.9	77.3	55.6	82.2	91.8	*79.7*	55.6
87.5°	19.3	19.3	31.4	36.2	36.2	33.8	16.9	29.0	36.2	*41.1*	24.2
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: P1458103
CATALOG NUMBER: GLAN-SB3A-722-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1184.0	1184.0	1184.0	1184.0	1184.0	1184.0	1184.0	1184.0	1184.0	1184.0	1184.0
2.5°	1188.8	1181.6	1167.1	1138.1	1123.6	1104.3	1087.4	1065.6	1060.8	1058.4	1048.7
5°	1208.2	1193.7	1150.2	1087.4	1034.2	983.4	932.7	903.7	879.5	867.5	865.0
7.5°	1256.5	1227.5	1147.8	1036.6	937.5	850.6	775.6	710.4	676.6	647.6	650.0
10°	1329.0	1283.1	1152.6	988.3	840.9	700.7	592.0	497.8	430.1	398.7	396.3
12.5°	1425.6	1360.4	1169.5	940.0	722.5	526.8	389.0	333.5	319.0	316.5	314.1
15°	1544.0	1452.2	1186.4	877.1	563.0	364.9	316.5	304.5	302.0	299.6	299.6
17.5°	1686.6	1558.5	1196.1	770.8	410.8	314.1	297.2	290.0	287.5	285.1	285.1
20°	1865.4	1676.9	1208.2	635.5	348.0	302.0	282.7	273.0	270.6	270.6	268.2
22.5°	2041.8	1809.8	1198.5	517.1	335.9	287.5	265.8	256.1	251.3	251.3	248.9
25°	2244.8	1945.2	1169.5	466.4	333.5	275.5	248.9	234.4	227.1	224.7	224.7
27.5°	2476.7	2099.8	1123.6	468.8	333.5	265.8	227.1	207.8	203.0	198.1	198.1
30°	2742.5	2288.3	1089.8	500.2	338.3	256.1	207.8	183.6	176.4	171.6	174.0
32.5°	3047.0	2498.5	1087.4	550.9	345.5	241.6	186.1	159.5	152.2	149.8	152.2
35°	3392.5	2759.5	1142.9	589.6	326.2	210.2	159.5	137.7	130.5	130.5	132.9
37.5°	3776.7	3059.1	1217.8	579.9	263.4	166.7	137.7	120.8	113.6	116.0	118.4
40°	4127.1	3293.5	1229.9	495.3	198.1	142.6	118.4	106.3	101.5	103.9	106.3
42.5°	4392.9	3481.9	1113.9	384.2	166.7	120.8	101.5	91.8	89.4	94.2	94.2
45°	4608.0	3556.8	930.3	285.1	147.4	103.9	89.4	84.6	79.7	82.2	82.2
47.5°	4832.7	3568.9	758.7	229.6	130.5	94.2	82.2	77.3	72.5	72.5	72.5
50°	5050.1	3539.9	579.9	203.0	120.8	84.6	74.9	70.1	65.2	62.8	62.8
52.5°	5103.3	3308.0	425.3	188.5	111.2	79.7	70.1	65.2	60.4	58.0	58.0
55°	*4955.9*	*2868.2*	*333.5*	*169.1*	*101.5*	*72.5*	*65.2*	*60.4*	*53.2*	*50.7*	*50.7*
57.5°	4470.2	2186.8	265.8	145.0	91.8	70.1	60.4	55.6	48.3	45.9	45.9
60°	3839.6	1551.3	215.1	118.4	84.6	62.8	55.6	48.3	43.5	38.7	38.7
62.5°	3141.2	1113.9	174.0	99.1	79.7	55.6	50.7	43.5	33.8	26.6	26.6
65°	2409.1	799.8	135.3	79.7	72.5	48.3	43.5	36.2	26.6	19.3	19.3
67.5°	1558.5	517.1	101.5	70.1	55.6	41.1	33.8	29.0	24.2	16.9	14.5
70°	821.6	302.0	74.9	60.4	41.1	31.4	29.0	24.2	19.3	12.1	12.1
72.5°	425.3	198.1	55.6	53.2	31.4	21.7	24.2	19.3	14.5	7.2	7.2
75°	273.0	132.9	41.1	43.5	19.3	16.9	16.9	12.1	7.2	4.8	2.4
77.5°	176.4	89.4	29.0	36.2	12.1	9.7	9.7	4.8	2.4	0.0	0.0
80°	103.9	55.6	19.3	24.2	4.8	4.8	2.4	0.0	0.0	0.0	0.0
82.5°	53.2	29.0	9.7	9.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	33.8	14.5	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.9	4.8	2.4	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

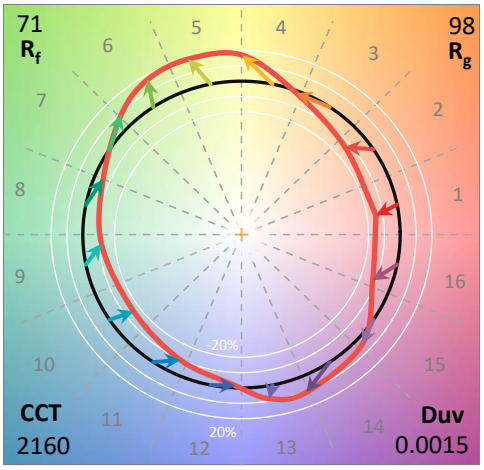
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

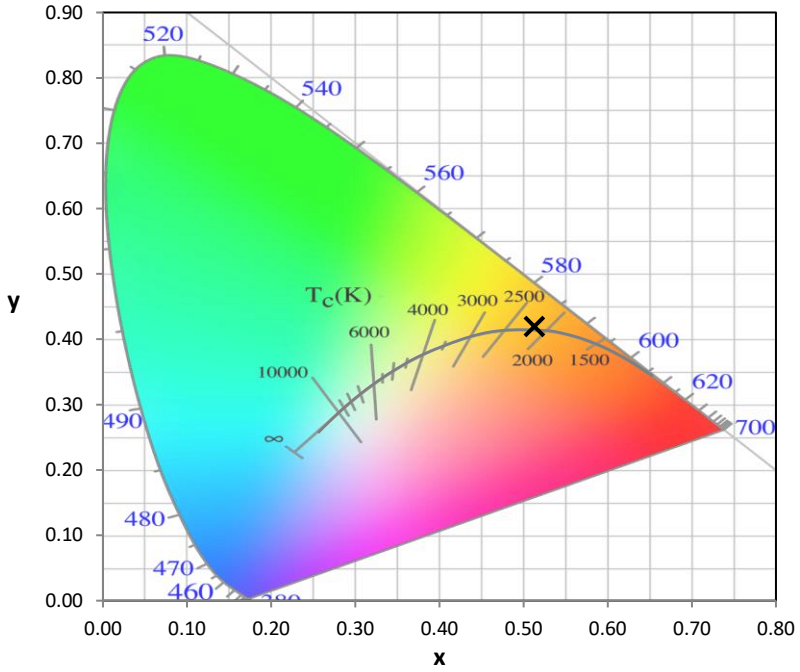
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

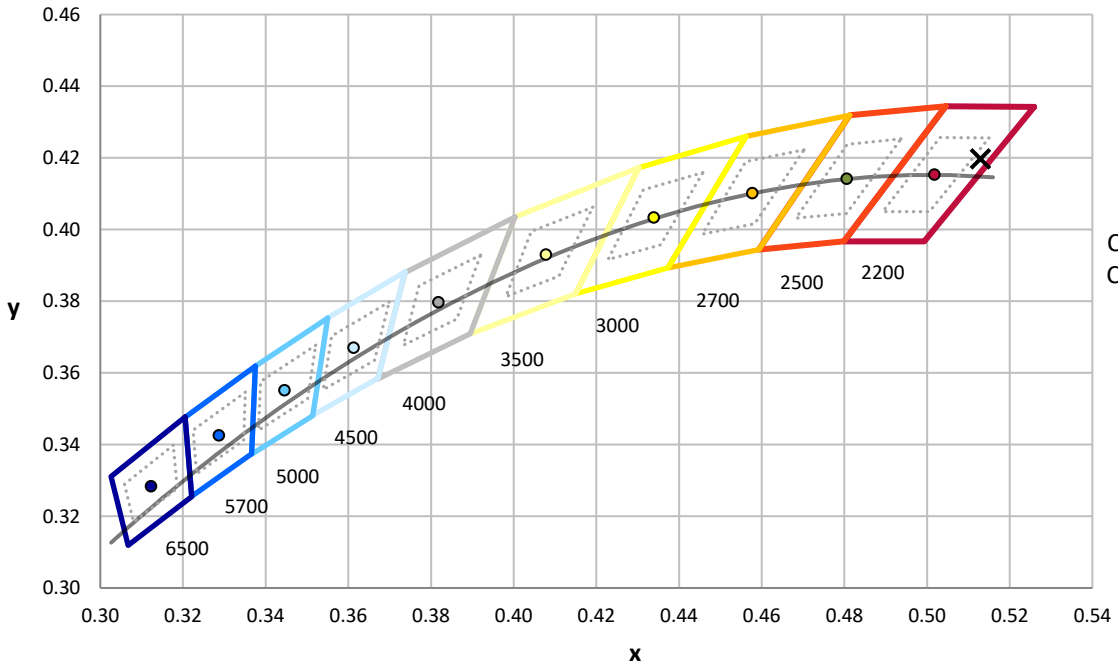
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



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

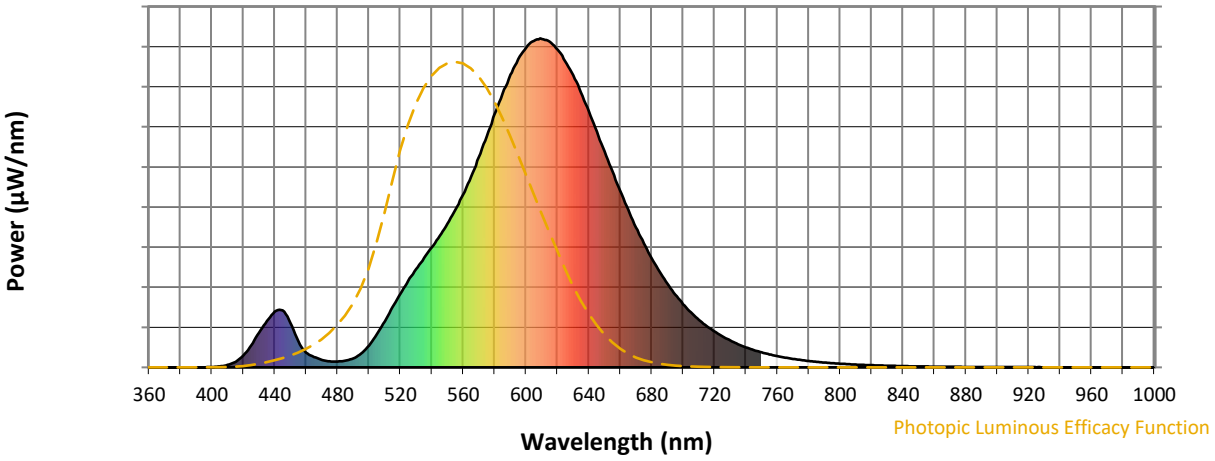


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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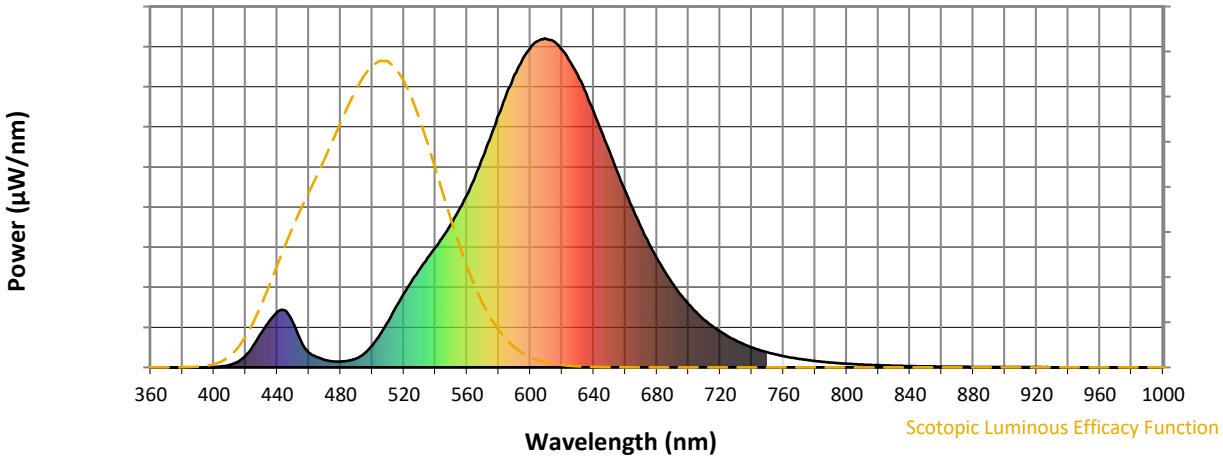
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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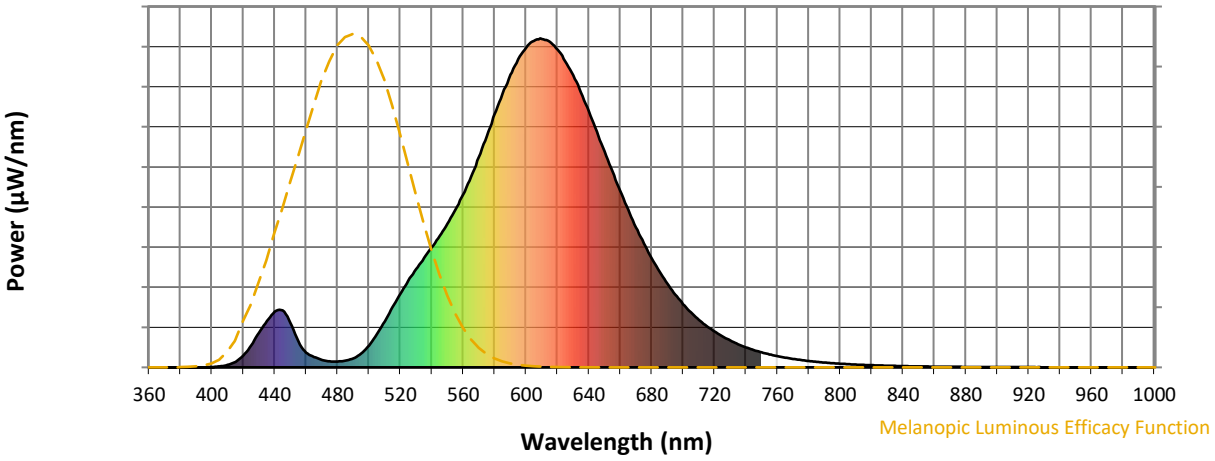
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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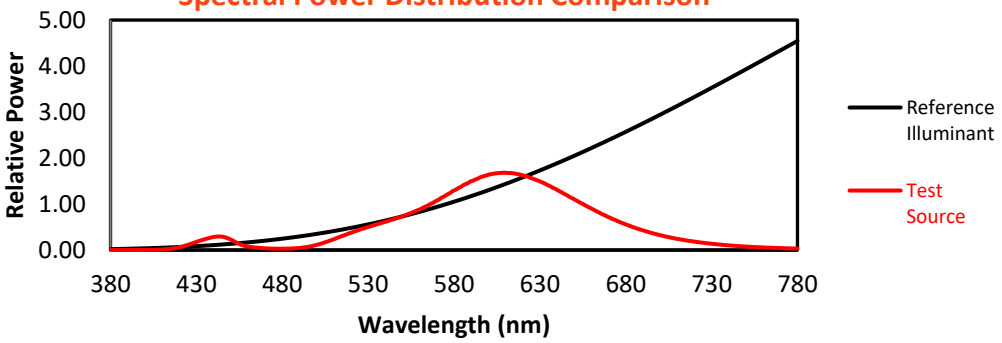
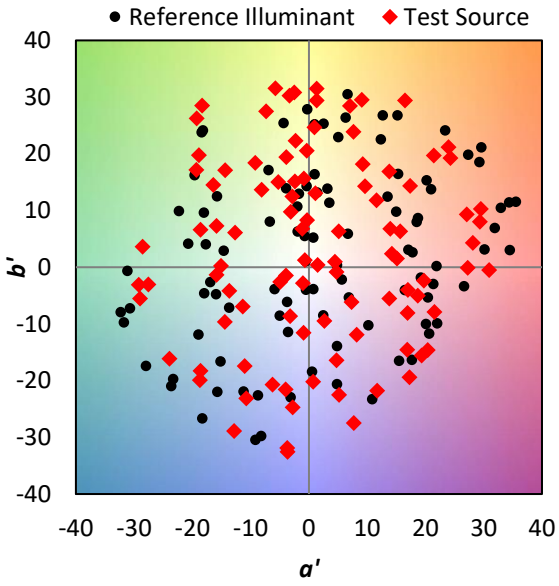
Summary

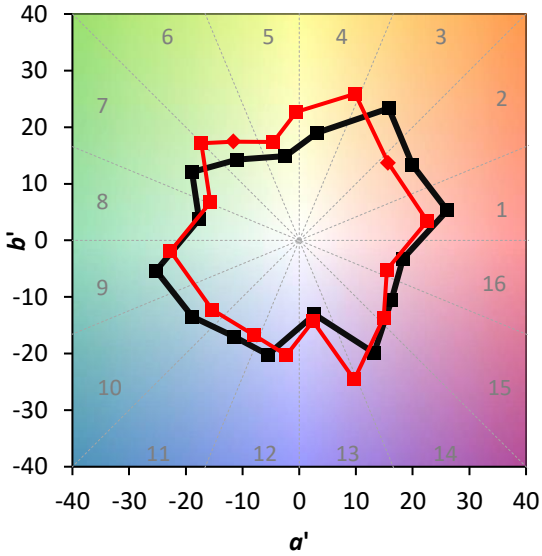
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

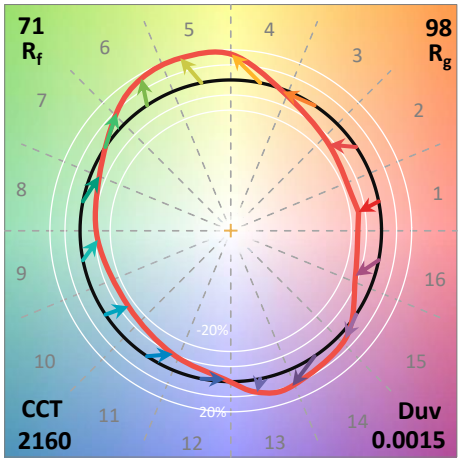
Spectral Power Distribution Comparison

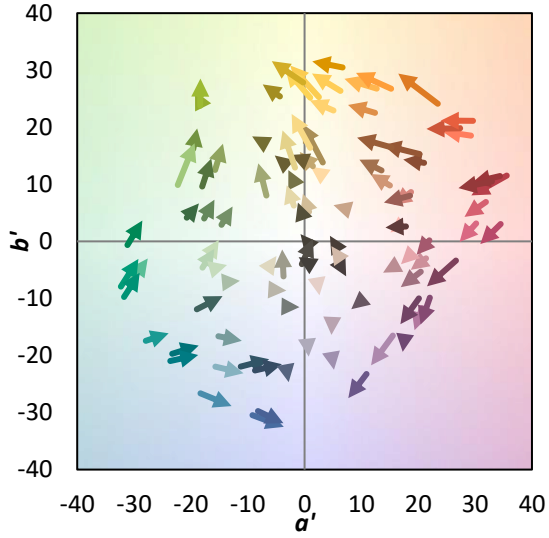


Color Vector Graphics









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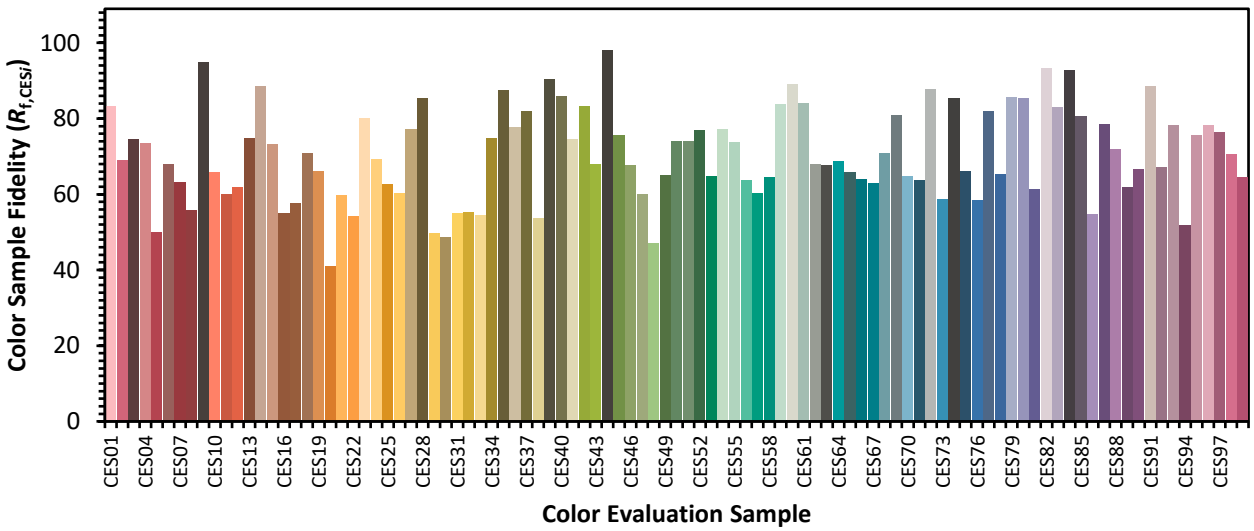
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



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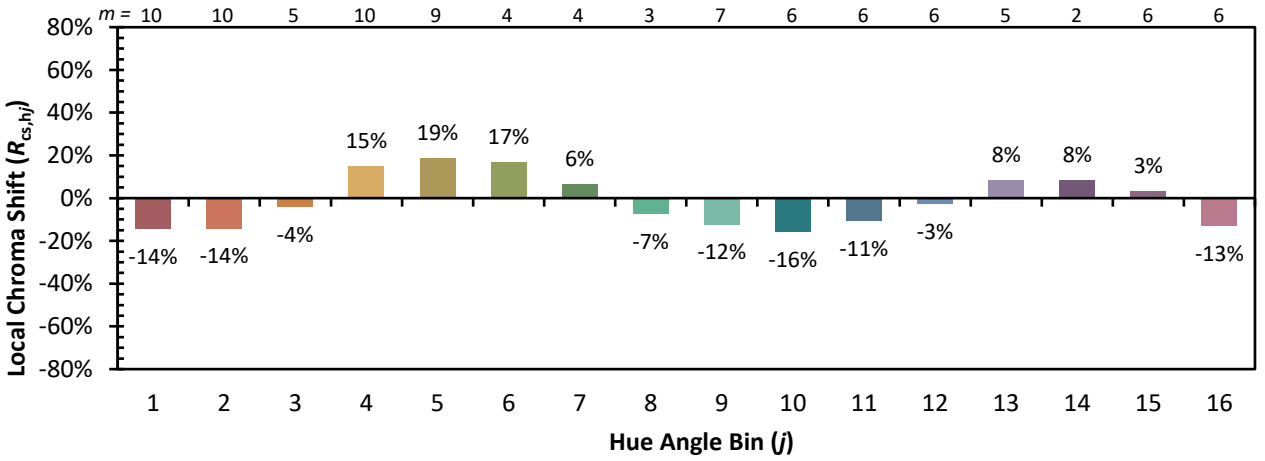
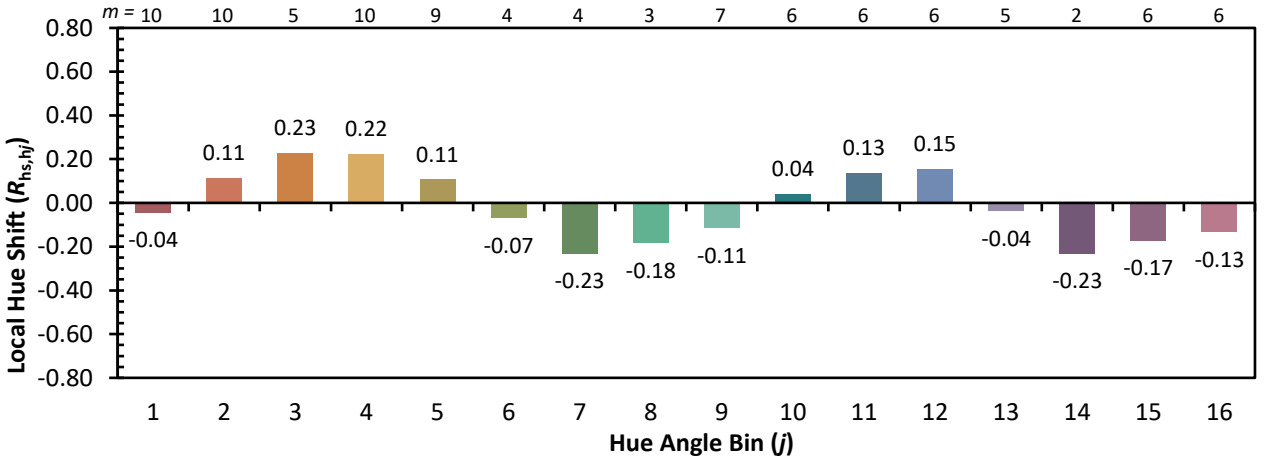
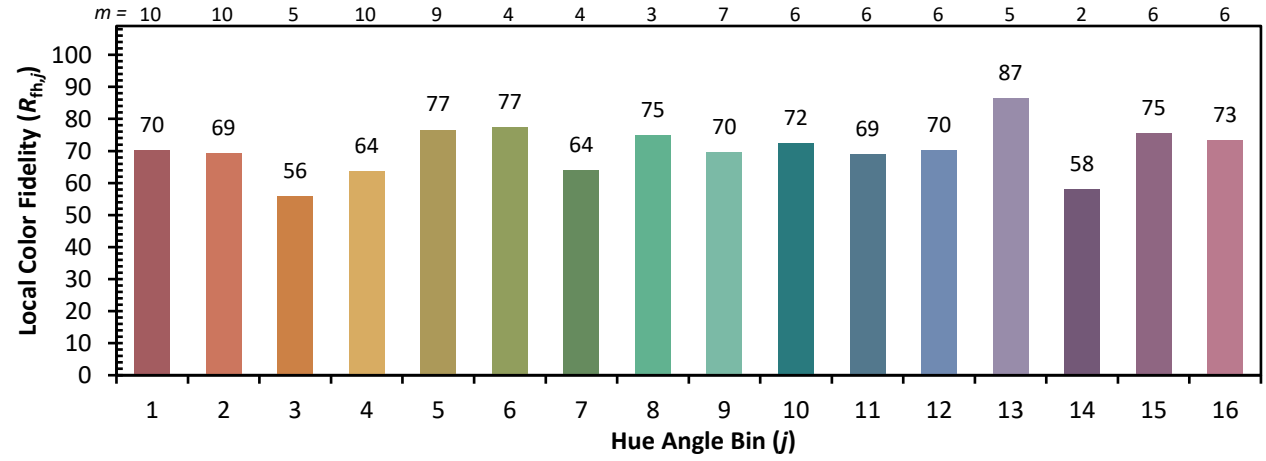
Color Rendition by Hue-Angle Bin







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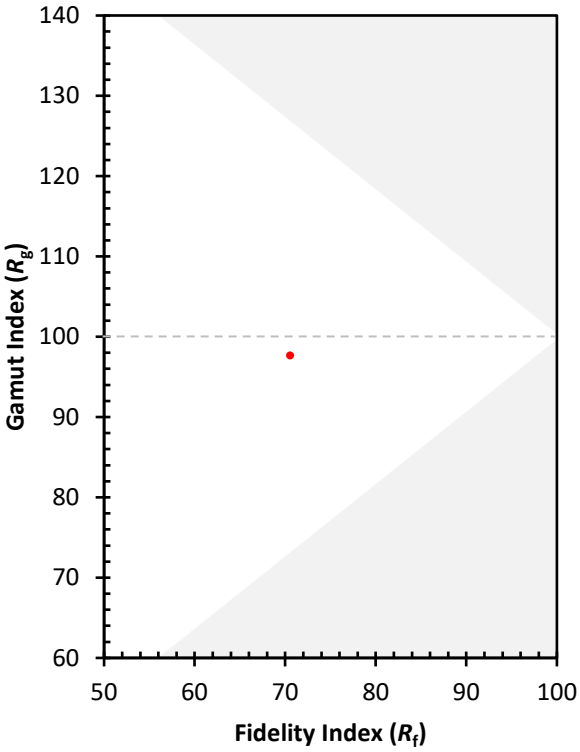
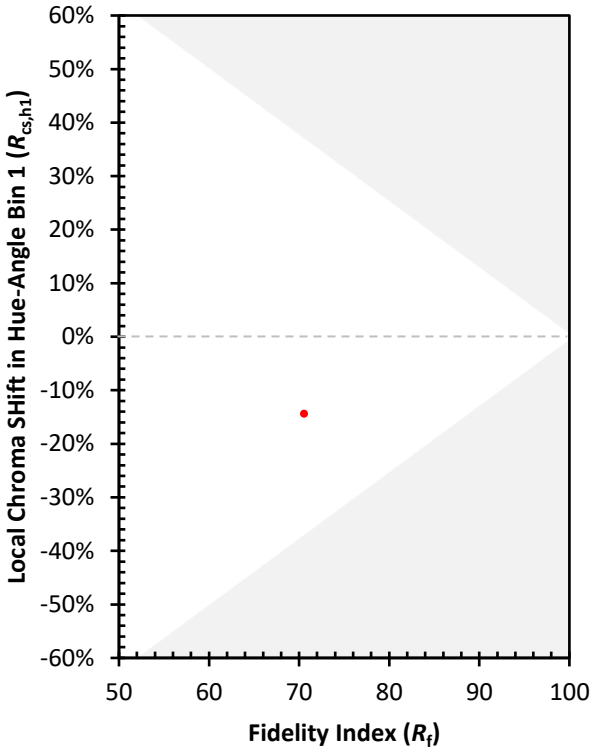
Measure Comparisons





(END OF REPORT)