Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1047694

Luminaire Tested: **GALN-SA9B-722-U-T2BC**

Issue Date: 07/10/2025

Report Generated By 670347003

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1047694
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9B-722-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE 70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(126) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28921.5 lumens
Efficiency:	N/A
Efficacy:	92.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	312.7
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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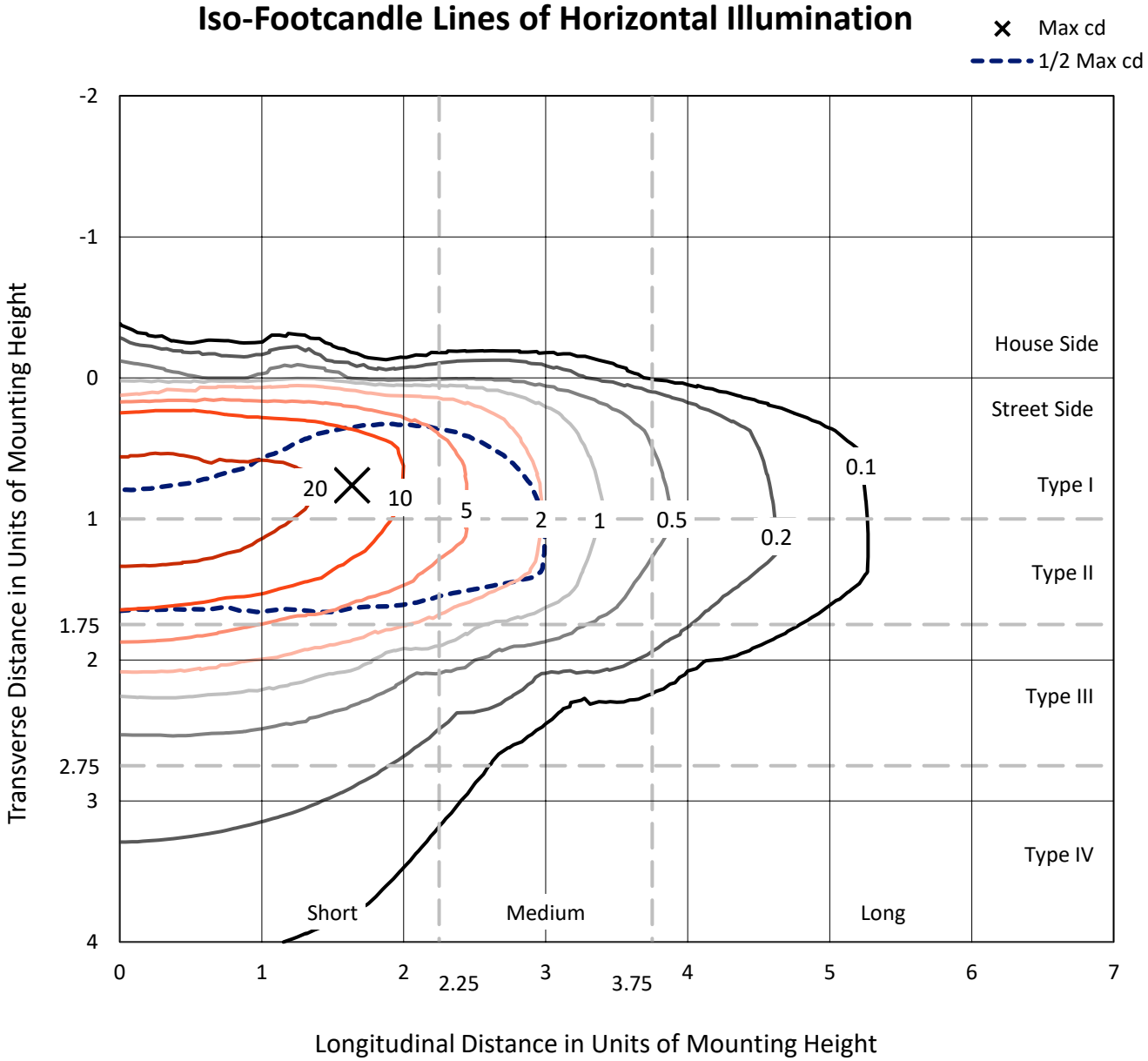
REPORT NUMBER: P1047694
CATALOG NUMBER: GALN-SA9B-722-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 38.3 fc
Type II - Short - N/A

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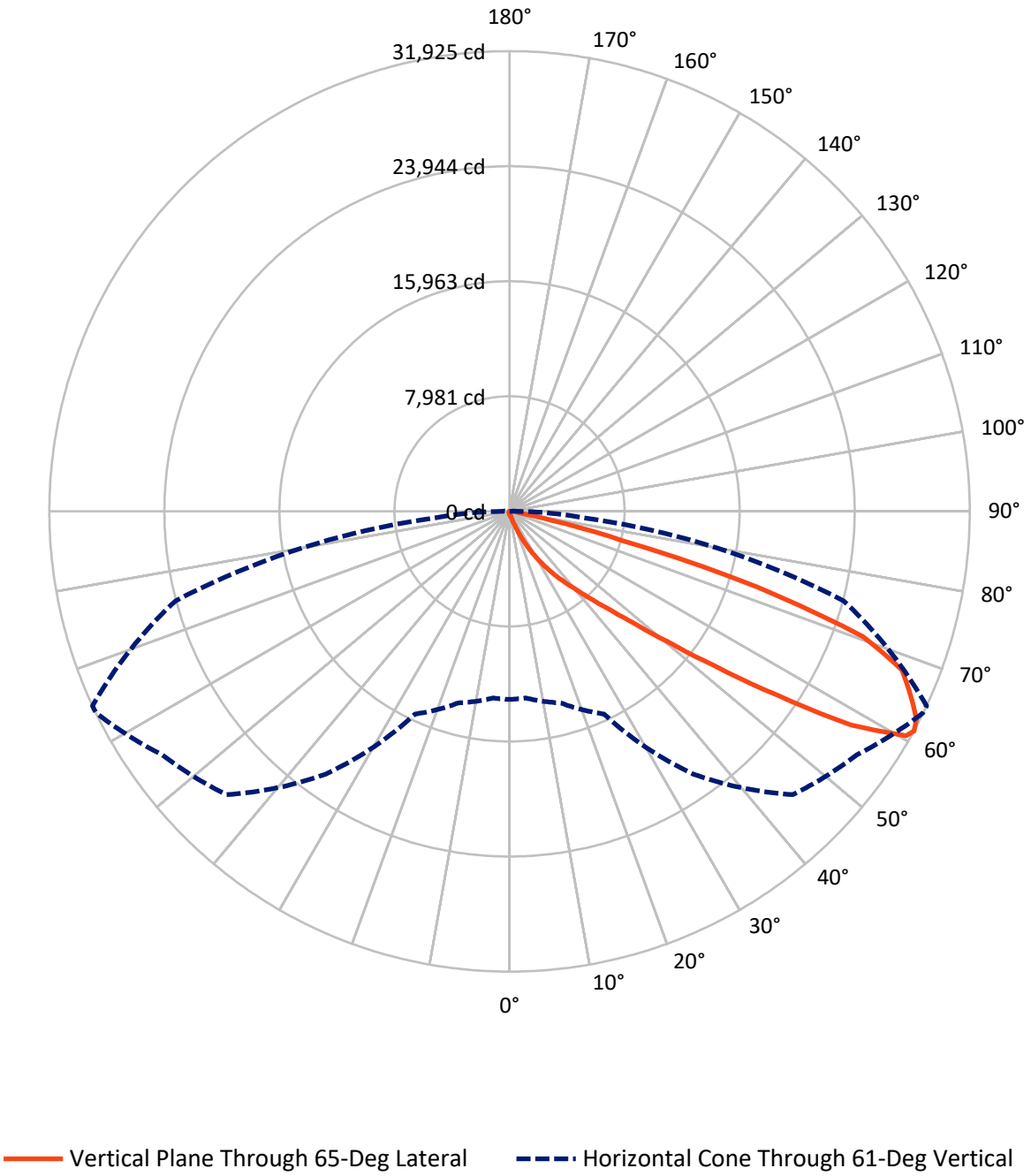
Luminous Intensity Polar Plot



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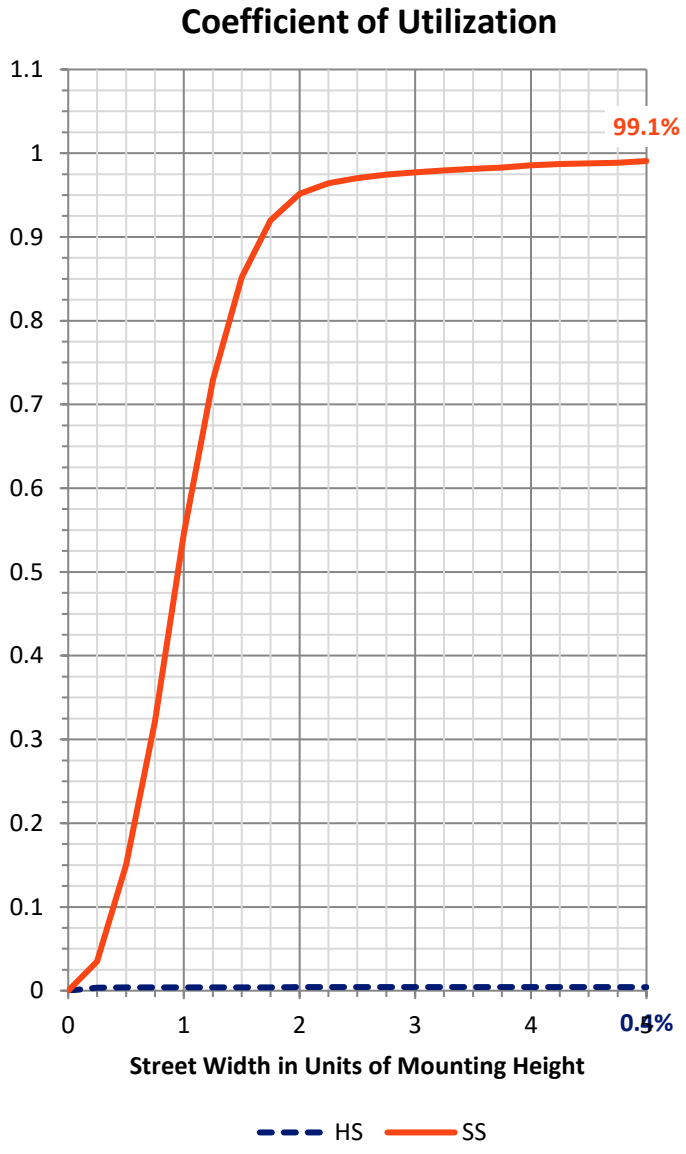
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	123.5	0.0	123.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28798.0	0.0	28798.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	28921.5	0.0	28921.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.5	0.1
10°-20°	237.8	0.8
20°-30°	853.5	3.0
30°-40°	2272.4	7.9
40°-50°	5969.5	20.6
50°-60°	9248.0	32.0
60°-70°	7754.3	26.8
70°-80°	2281.9	7.9
80°-90°	281.5	1.0
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°	28921.5	100.0
0°-180°	28921.5	100.0



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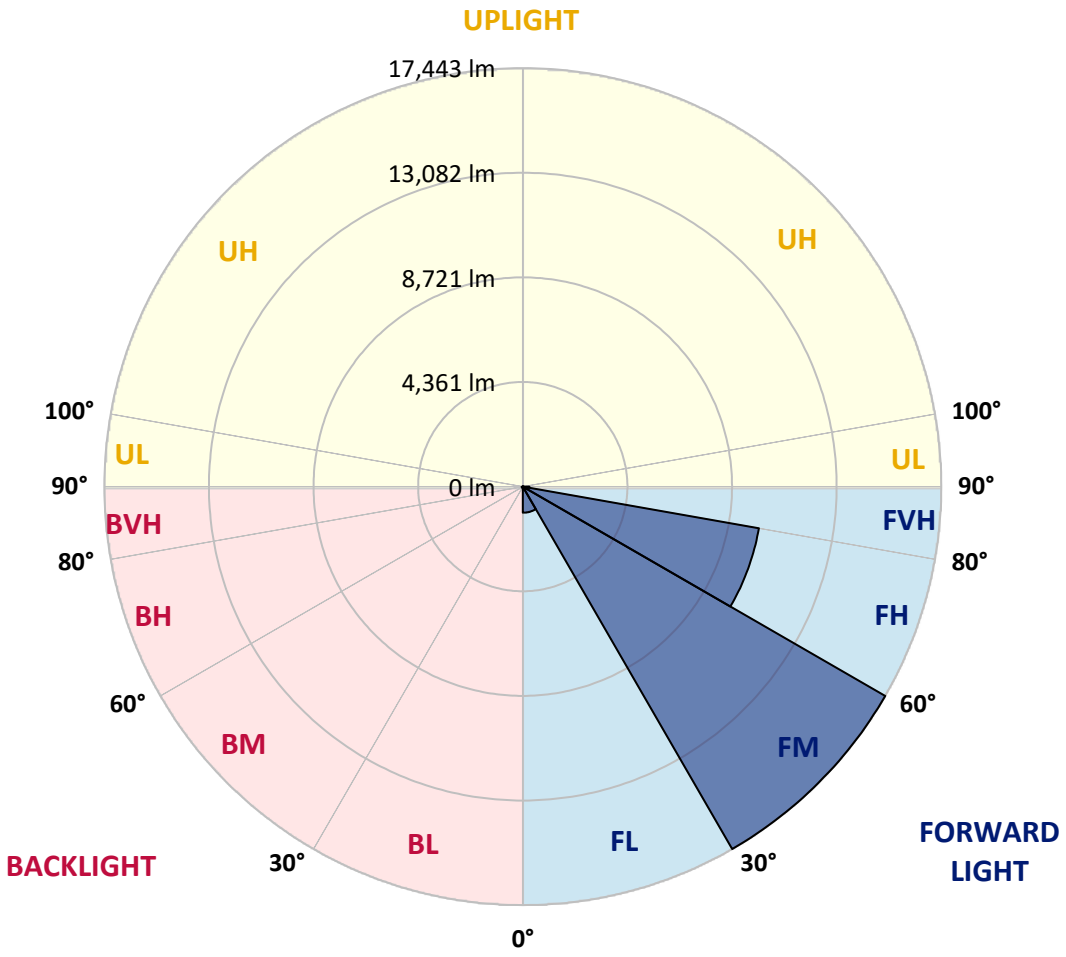
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1086.2	3.8			
FM	(30°-60°)	17442.9	60.3			
FH	(60°-80°)	9992.7	34.6			G4/12000
FVH	(80°-90°)	276.3	1.0			G3/500
BL	(0°-30°)	27.7	0.1	B0/110		
BM	(30°-60°)	47.0	0.2	B0/220		
BH	(60°-80°)	43.5	0.2	B0/110		G0/110
BVH	(80°-90°)	5.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	*177.1*	177.1	177.1
2.5°	214.9	216.9	212.9	204.9	198.9	198.9	197.0	191.0	*191.0*	185.0	181.0
5°	300.4	296.4	288.5	272.6	258.6	244.7	230.8	216.9	*214.9*	197.0	185.0
7.5°	491.4	495.4	469.5	419.8	378.0	324.3	274.5	244.7	*240.7*	210.9	187.0
10°	1078.3	1048.5	988.8	795.8	654.5	493.4	366.1	284.5	*280.5*	226.8	191.0
12.5°	1965.6	1941.7	1832.3	1633.4	1269.3	883.3	535.2	352.1	*340.2*	240.7	193.0
15°	2833.0	2795.2	2735.5	2534.6	2108.9	1583.6	875.4	481.5	*449.6*	260.6	191.0
17.5°	3386.1	3392.1	3338.4	3252.8	2978.3	2343.6	1512.0	718.2	*656.5*	296.4	187.0
20°	3869.5	3855.6	3885.5	3839.7	3646.7	3185.2	2200.4	1138.0	*1032.5*	354.1	189.0
22.5°	4426.6	4460.4	4482.3	4472.4	4259.5	3865.6	2982.2	1703.0	*1569.7*	459.6	195.0
25°	5172.7	5168.7	5170.7	5144.8	4937.9	4500.2	3766.1	2405.3	*2270.0*	630.7	208.9
27.5°	5954.5	5978.4	5988.4	5894.8	5624.3	5194.5	4492.3	3173.2	*3014.1*	905.2	226.8
30°	7022.9	7003.0	6957.2	6766.2	6438.0	5904.8	5208.5	3979.0	*3811.9*	1289.2	254.7
32.5°	8463.3	8441.4	8210.6	7788.8	7297.4	6644.9	5928.7	4786.7	*4583.8*	1768.7	292.5
35°	10836.7	10870.5	10303.5	9211.3	8330.0	7534.2	6726.4	5590.5	*5411.4*	2359.5	344.2
37.5°	14471.5	14286.5	13516.6	11586.8	9688.8	8644.3	7488.4	6402.2	*6247.0*	3087.7	411.8
40°	18002.9	17819.8	17597.0	15768.7	12050.3	9867.8	8554.8	7355.1	*7154.2*	3909.3	511.3
42.5°	21715.2	21613.8	21603.8	20225.1	16359.5	11791.7	9838.0	8471.2	*8300.1*	4810.6	674.4
45°	24345.3	24243.9	24456.7	24697.5	22228.5	15913.9	12072.2	9921.6	*9672.9*	5904.8	935.1
47.5°	24699.5	24703.4	25272.4	26026.4	26589.5	22290.2	15048.5	11843.4	*11541.0*	7470.5	1372.7
50°	23521.7	23567.4	24472.7	25821.5	27337.5	27639.9	20296.7	14632.7	*14185.0*	9326.7	1993.5
52.5°	21279.5	21331.3	22592.6	24810.9	26649.2	28925.1	26476.1	18281.4	*17766.1*	11642.5	2868.8
55°	19260.2	19292.0	20738.4	23541.6	25819.5	28226.8	30144.7	23153.6	*22477.2*	14491.4	3732.3
57.5°	17260.8	17187.2	18128.2	21337.2	25678.3	27369.3	30685.8	28706.3	*27960.2*	17605.0	4404.7
60°	14586.9	14463.6	15219.6	17260.8	23820.1	27932.4	29673.2	31778.0	*31608.9*	21940.0	4924.0
61°	*13049.0*	*12997.3*	*13757.3*	*15508.0*	*22256.4*	*27789.1*	*29430.5*	*31907.4*	*31925.3*	*23991.2*	*5156.7*
62.5°	9318.7	9466.0	10627.8	12903.8	18641.5	26860.0	29462.3	31507.5	*31684.5*	26716.8	5759.6
65°	4142.1	4378.9	5282.1	7134.3	10840.7	22343.9	29179.8	30630.1	*30542.6*	27464.8	7836.6
67.5°	2457.0	2492.8	2942.4	4042.6	5741.7	12018.5	25749.9	29470.2	*29352.9*	23909.6	9750.5
70°	1935.8	1953.7	2096.9	2536.6	3332.4	4603.7	14696.3	25497.2	*26008.5*	19387.5	9545.6
72.5°	1836.3	1832.3	1852.2	1929.8	2098.9	2283.9	5689.9	16948.4	*17988.9*	13962.2	8003.7
75°	1812.4	1804.5	1784.6	1754.7	1520.0	1344.9	1762.7	7496.4	*8099.2*	9539.6	6026.2
77.5°	1758.7	1760.7	1764.7	1683.1	1303.1	951.0	853.5	2405.3	*2958.4*	6054.0	4283.4
80°	1189.7	1207.6	1237.5	1205.6	1171.8	688.4	602.8	855.5	*867.4*	3398.0	2829.0
82.5°	602.8	602.8	588.9	525.2	453.6	447.6	479.5	620.7	*628.7*	1718.9	1331.0
85°	364.1	384.0	391.9	356.1	326.3	300.4	366.1	493.4	*511.3*	666.5	310.4
87.5°	81.6	83.6	91.5	121.4	177.1	240.7	340.2	451.6	*459.6*	427.7	37.8
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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CATALOG NUMBER: GALN-SA9B-722-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1
2.5°	179.1	175.1	173.1	167.1	161.1	155.2	151.2	149.2	151.2	153.2	153.2
5°	177.1	171.1	161.1	151.2	143.2	135.3	127.3	125.3	125.3	127.3	127.3
7.5°	177.1	167.1	153.2	141.3	129.3	117.4	111.4	107.4	109.4	109.4	109.4
10°	177.1	165.1	147.2	129.3	115.4	101.5	91.5	87.5	87.5	87.5	87.5
12.5°	175.1	163.1	141.3	119.4	99.5	83.6	71.6	65.7	67.6	67.6	67.6
15°	171.1	157.2	133.3	101.5	79.6	63.7	51.7	45.8	47.7	51.7	53.7
17.5°	165.1	151.2	119.4	85.5	63.7	47.7	35.8	31.8	33.8	39.8	39.8
20°	163.1	145.2	105.4	69.6	47.7	33.8	23.9	19.9	21.9	29.8	31.8
22.5°	163.1	141.3	95.5	57.7	35.8	21.9	13.9	8.0	8.0	13.9	13.9
25°	165.1	139.3	87.5	47.7	25.9	15.9	8.0	4.0	8.0	21.9	25.9
27.5°	169.1	137.3	83.6	39.8	19.9	13.9	6.0	13.9	23.9	23.9	23.9
30°	173.1	133.3	77.6	33.8	17.9	9.9	9.9	19.9	19.9	23.9	25.9
32.5°	179.1	131.3	73.6	29.8	13.9	8.0	13.9	11.9	11.9	13.9	15.9
35°	191.0	133.3	69.6	29.8	13.9	9.9	11.9	6.0	4.0	4.0	4.0
37.5°	206.9	135.3	63.7	25.9	11.9	11.9	6.0	0.0	0.0	0.0	0.0
40°	232.8	141.3	59.7	23.9	9.9	9.9	2.0	0.0	0.0	0.0	0.0
42.5°	276.5	153.2	57.7	21.9	9.9	8.0	0.0	0.0	0.0	0.0	0.0
45°	364.1	181.0	53.7	19.9	9.9	4.0	0.0	0.0	0.0	0.0	0.0
47.5°	523.2	246.7	51.7	15.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	764.0	334.2	49.7	13.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	974.8	352.1	33.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	998.7	242.7	25.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	795.8	157.2	21.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	602.8	119.4	19.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*578.9*	*107.4*	*19.9*	*2.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	638.6	93.5	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1038.5	77.6	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1804.5	67.6	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2280.0	63.7	11.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1987.5	57.7	11.9	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1195.7	49.7	11.9	8.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	626.7	37.8	11.9	9.9	6.0	2.0	0.0	0.0	0.0	0.0	0.0
80°	304.4	33.8	13.9	9.9	8.0	4.0	0.0	0.0	0.0	0.0	0.0
82.5°	119.4	27.9	15.9	13.9	9.9	6.0	2.0	0.0	0.0	0.0	0.0
85°	53.7	23.9	17.9	15.9	13.9	8.0	2.0	0.0	0.0	0.0	0.0
87.5°	27.9	21.9	19.9	17.9	13.9	9.9	4.0	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

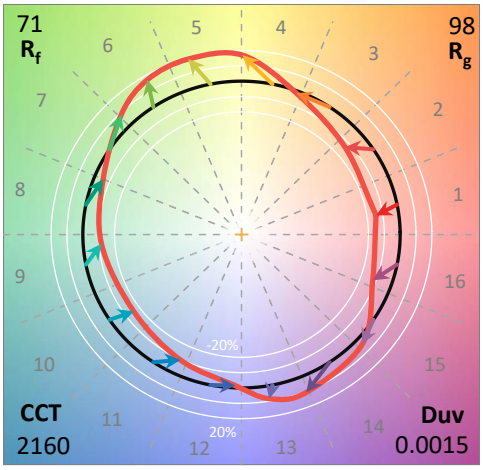
Test Information

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

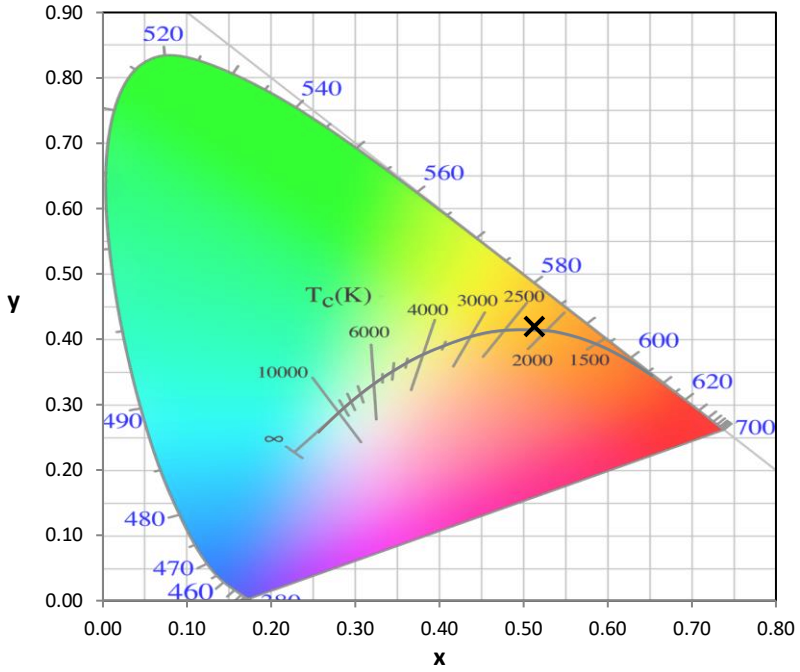
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

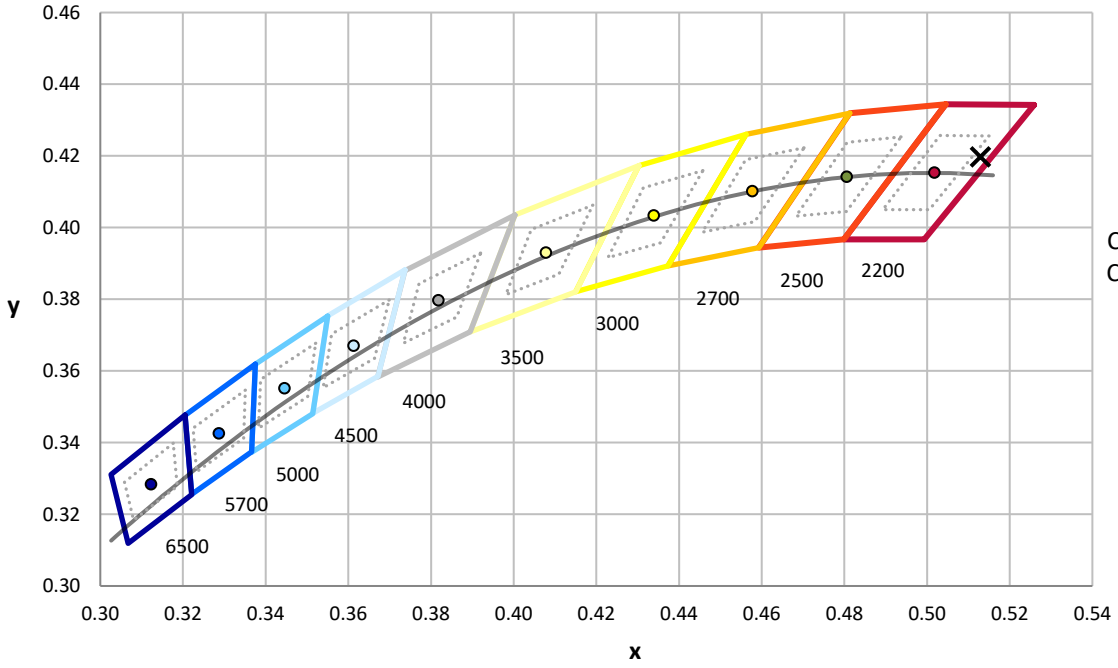
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

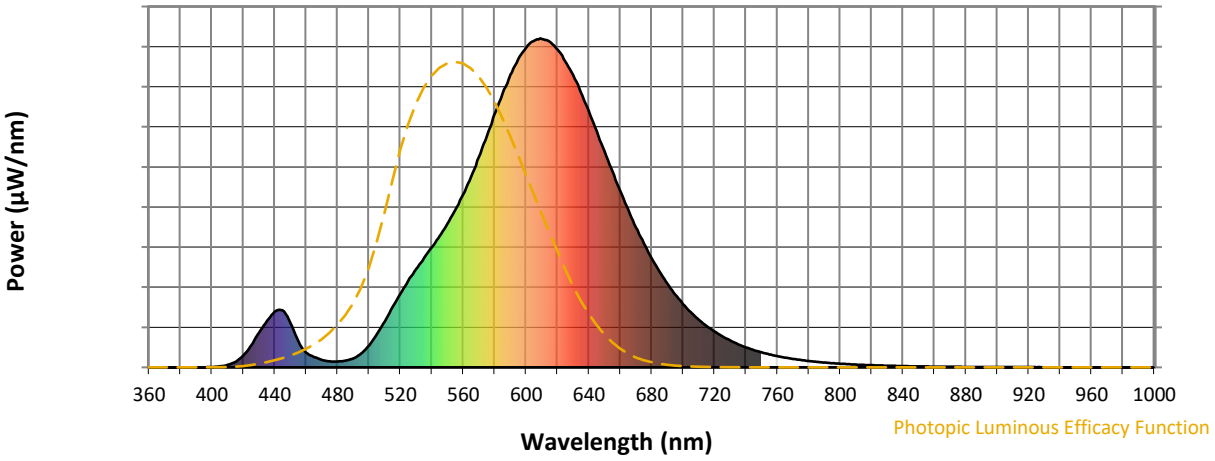


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

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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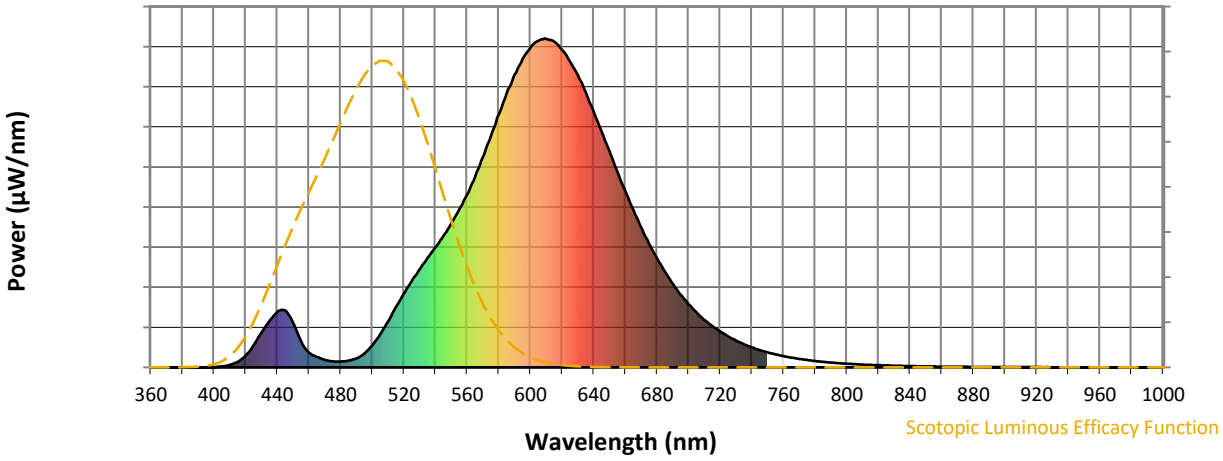
Scotopic Flux vs. Wavelength



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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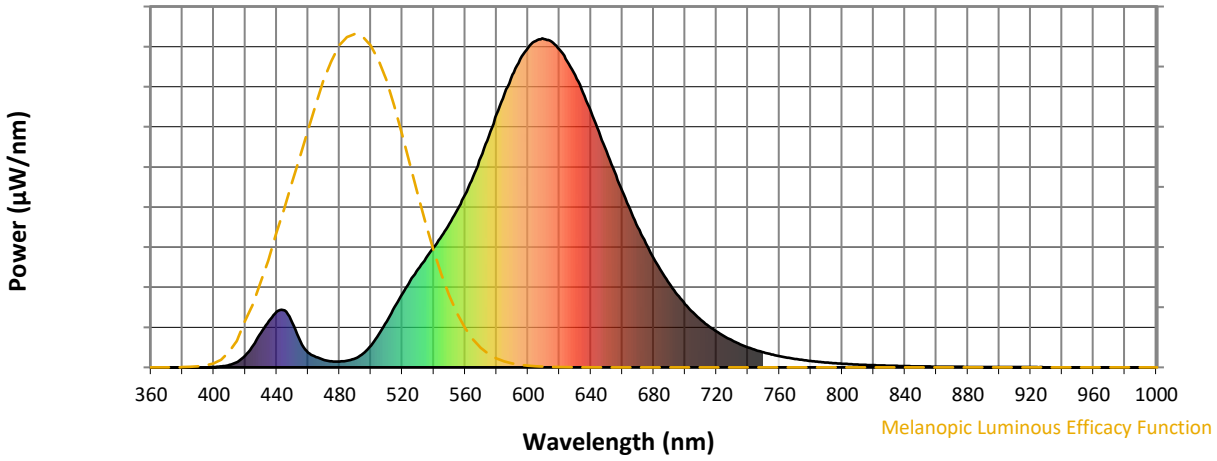
Melanopic Flux vs. Wavelength



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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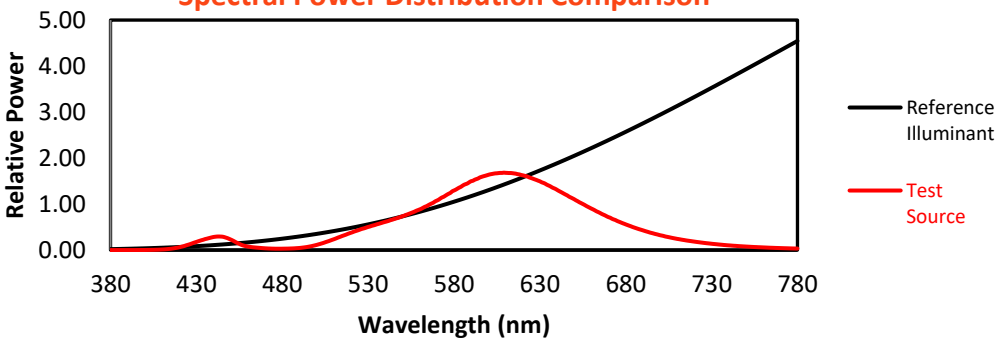
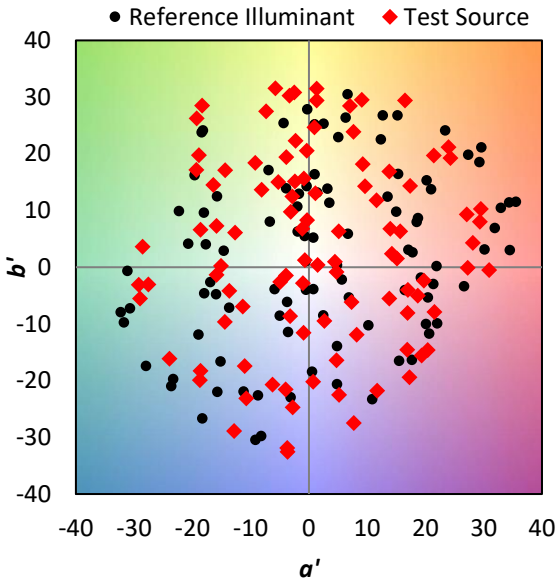
Summary

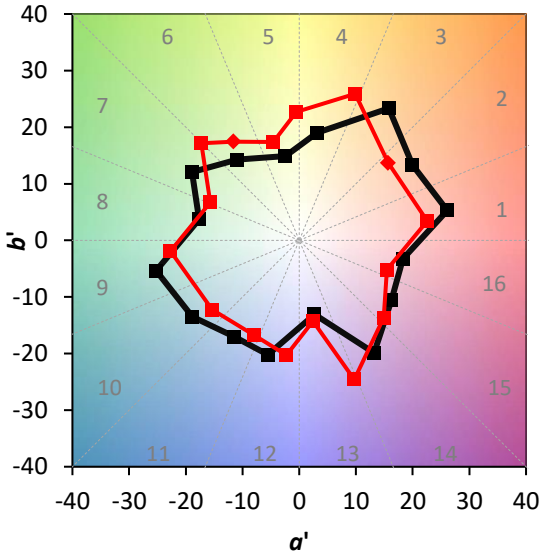
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

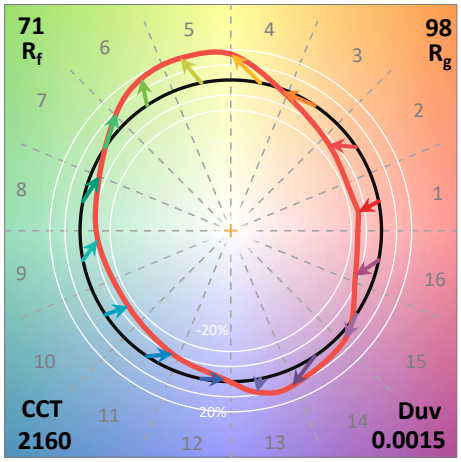
Spectral Power Distribution Comparison

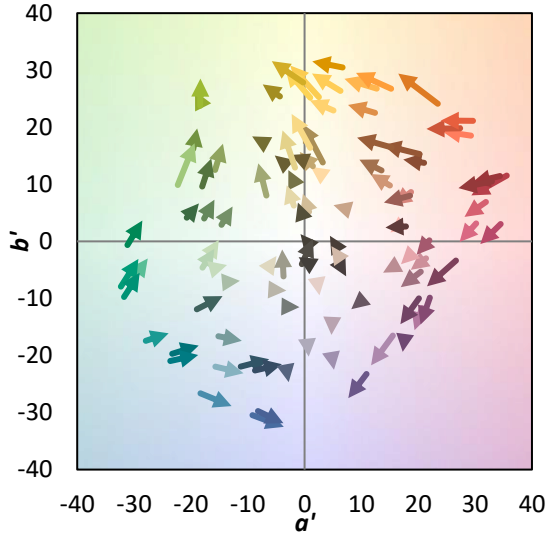


Color Vector Graphics









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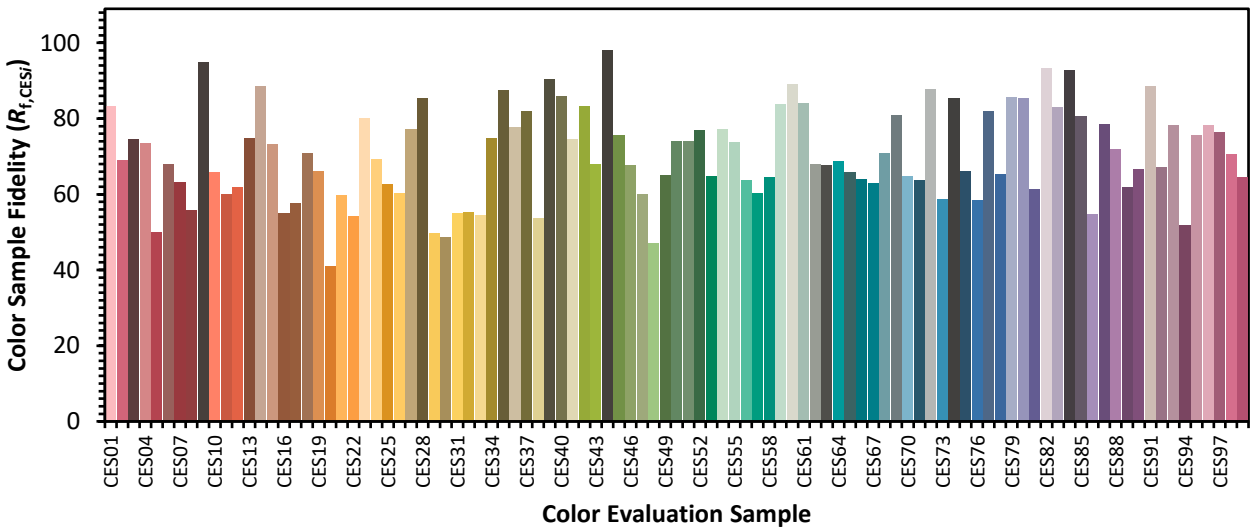
Individual Sample Fidelity Index ($R_{f,i}$)

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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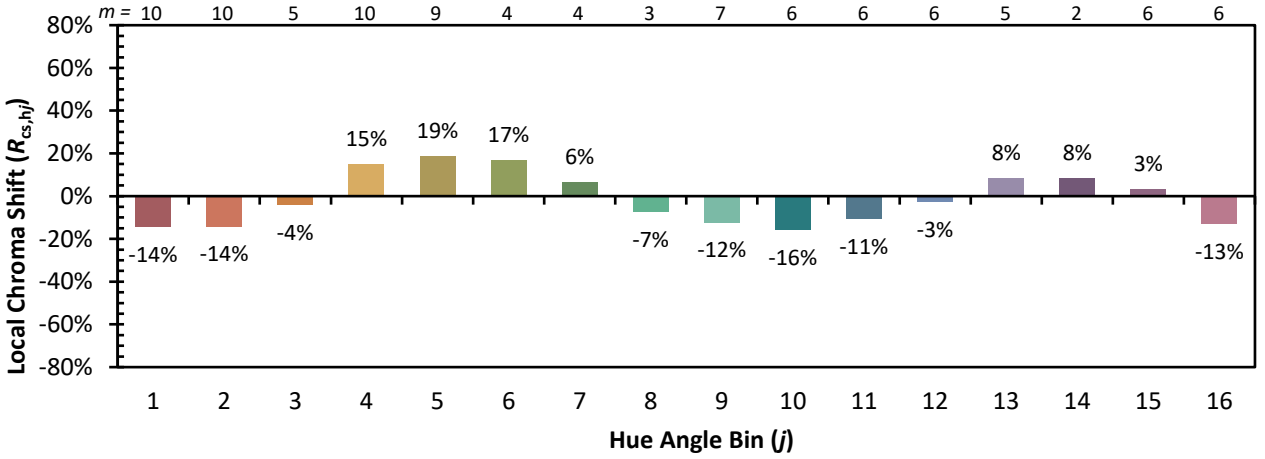
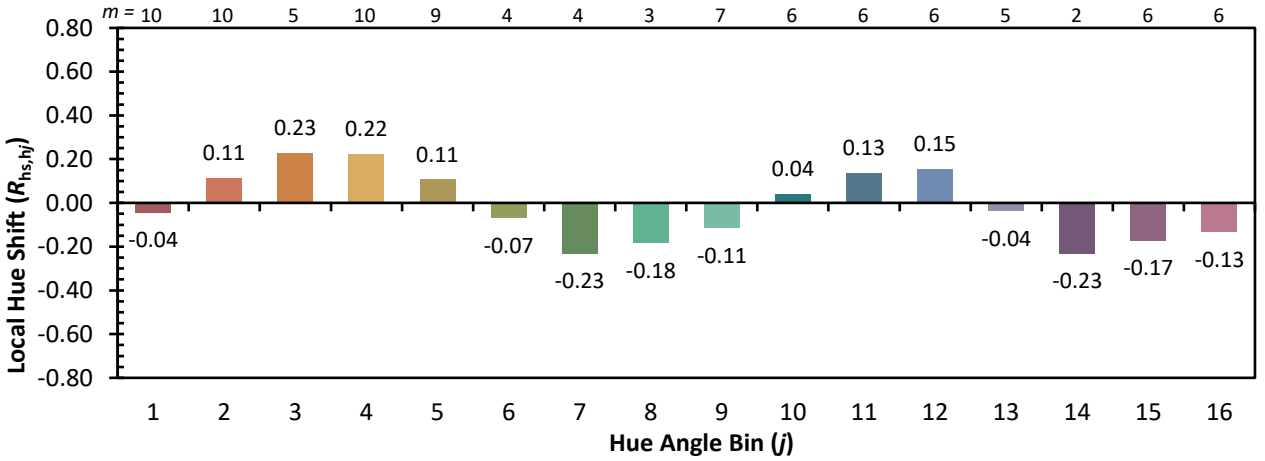
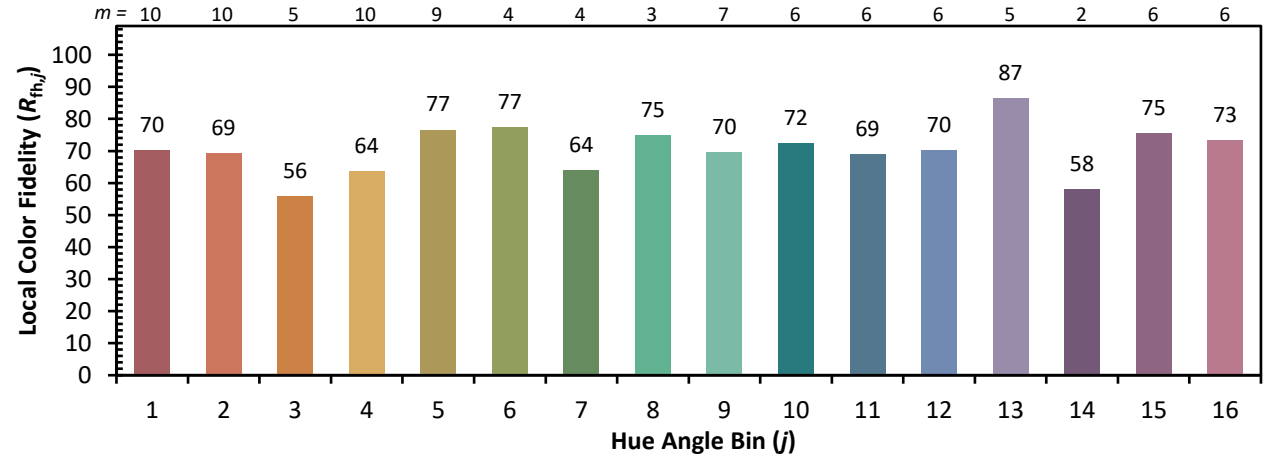
Color Rendition by Hue-Angle Bin







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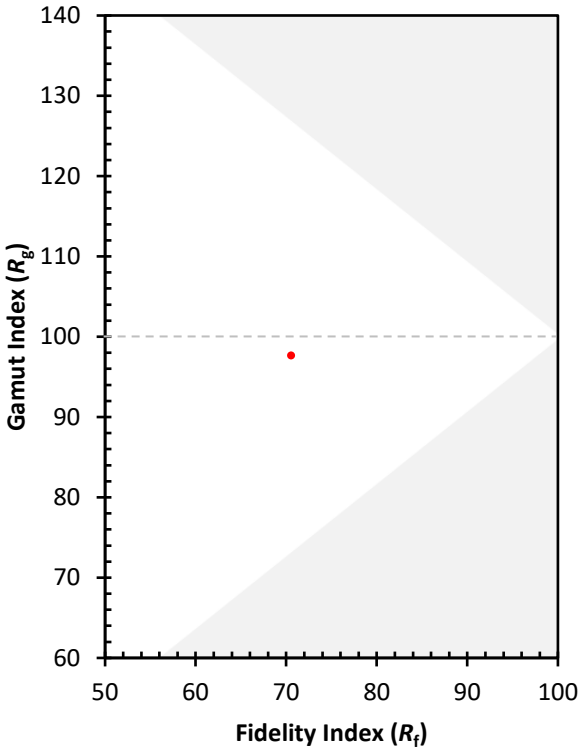
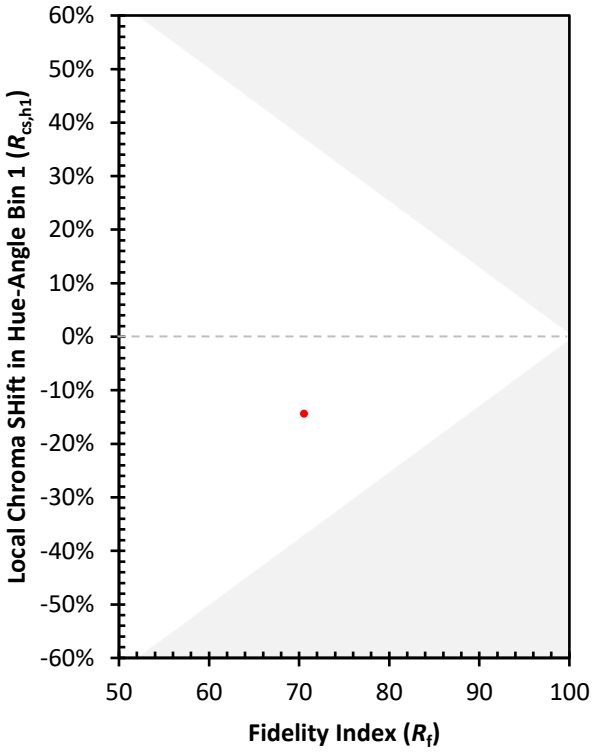
Measure Comparisons





(END OF REPORT)