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: P1047686

Luminaire Tested: **GALN-SA7B-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:	P1047686
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7B-722-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE 70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(98) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22786.6 lumens
Efficiency:	N/A
Efficacy:	91.3 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):	249.5
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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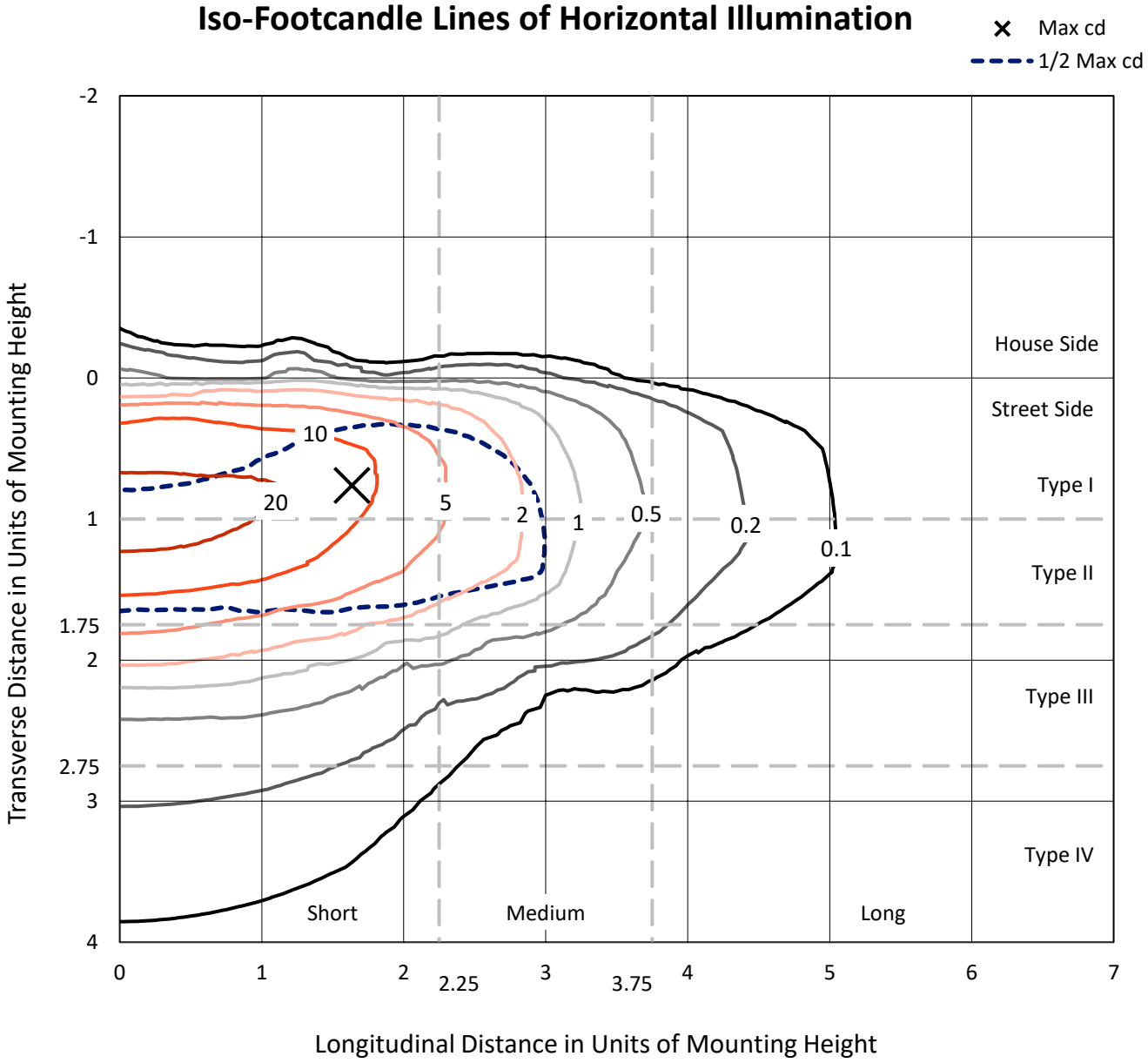
Scaled Data Report

REPORT NUMBER: P1047686
CATALOG NUMBER: GALN-SA7B-722-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 30.1 fc
Type II - Short - N/A

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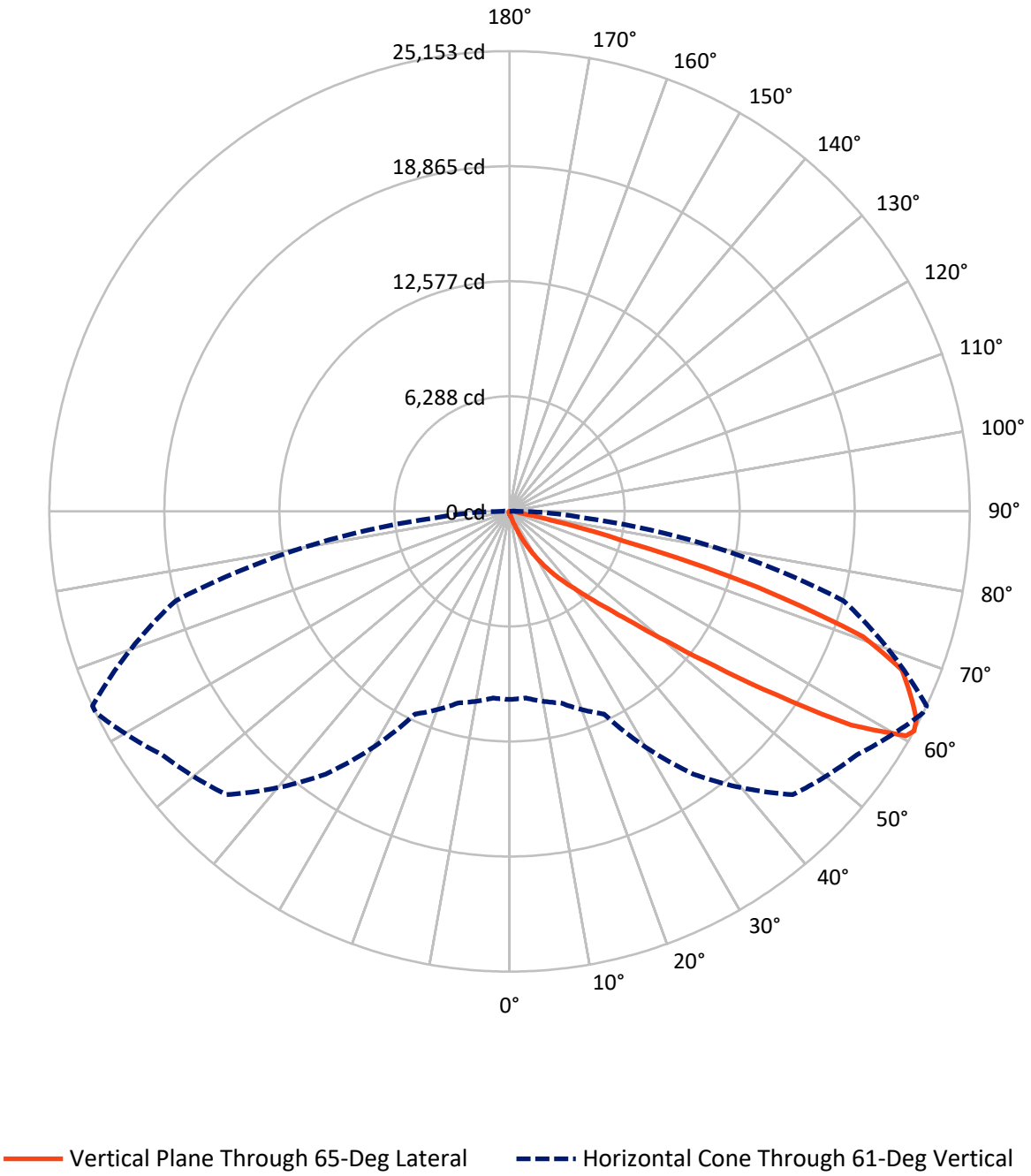
Luminous Intensity Polar Plot



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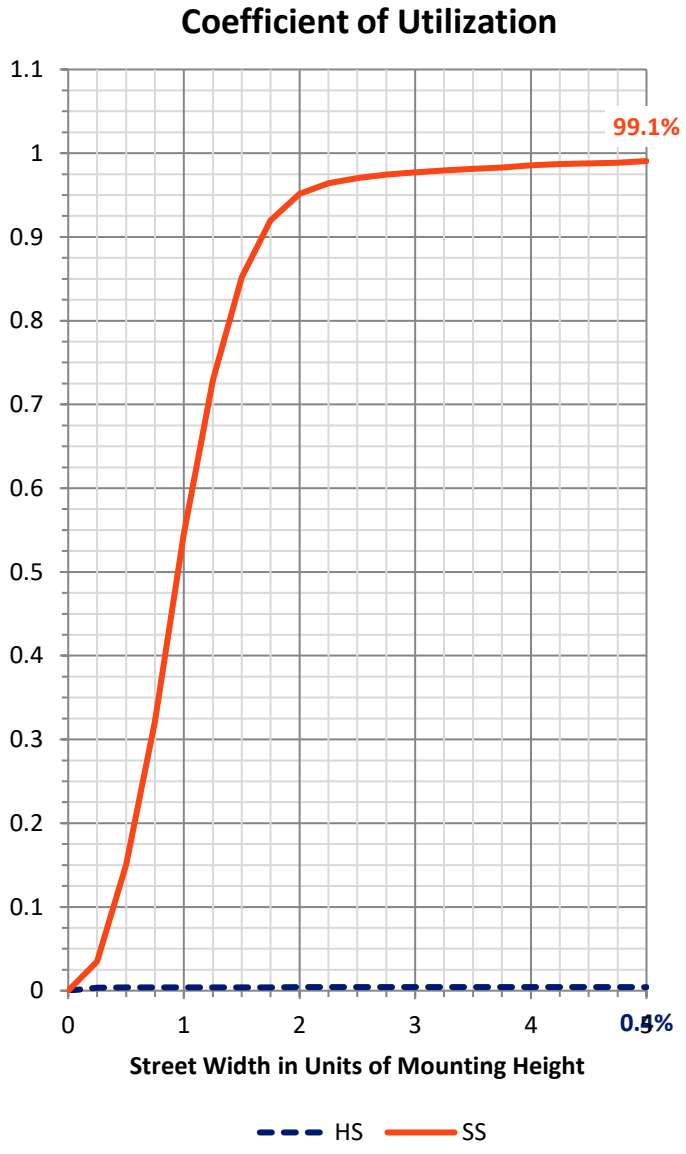
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	97.3	0.0	97.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22689.3	0.0	22689.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	22786.6	0.0	22786.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.7	0.1
10°-20°	187.4	0.8
20°-30°	672.5	3.0
30°-40°	1790.4	7.9
40°-50°	4703.3	20.6
50°-60°	7286.3	32.0
60°-70°	6109.4	26.8
70°-80°	1797.9	7.9
80°-90°	221.8	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°	22786.6	100.0
0°-180°	22786.6	100.0



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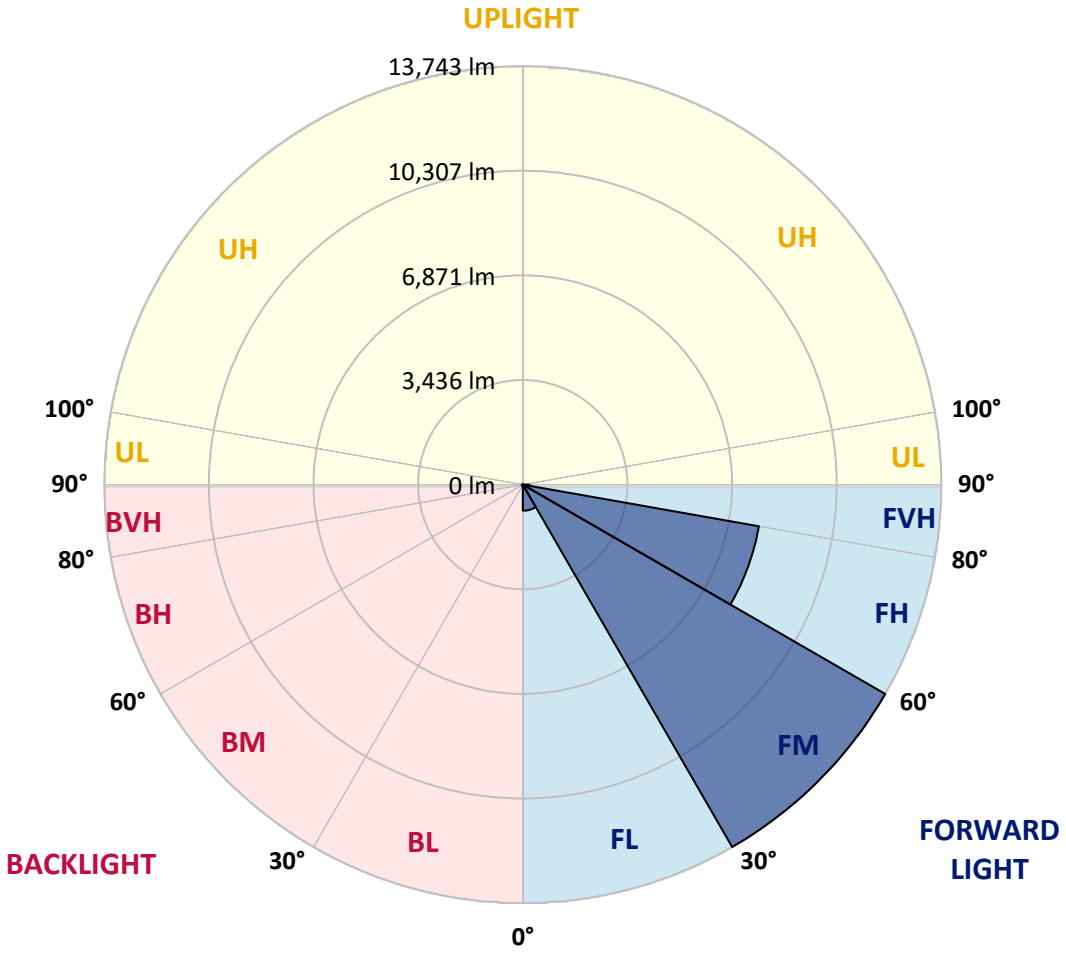
REPORT NUMBER: P1047686
CATALOG NUMBER: GALN-SA7B-722-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	855.8	3.8			
FM	(30°-60°)	13742.9	60.3			
FH	(60°-80°)	7873.0	34.6			G4/12000
FVH	(80°-90°)	217.7	1.0			G2/225
BL	(0°-30°)	21.8	0.1	B0/110		
BM	(30°-60°)	37.0	0.2	B0/220		
BH	(60°-80°)	34.3	0.2	B0/110		G0/110
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: B0-U0-G4
Type II Short



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REPORT NUMBER: P1047686
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5
2.5°	169.3	170.9	167.7	161.4	156.7	156.7	155.2	150.5	150.5	145.8	142.6
5°	236.7	233.6	227.3	214.7	203.8	192.8	181.8	170.9	169.3	155.2	145.8
7.5°	387.2	390.3	369.9	330.7	297.8	255.5	216.3	192.8	189.7	166.2	147.3
10°	849.6	826.1	779.0	627.0	515.7	388.7	288.4	224.1	221.0	178.7	150.5
12.5°	1548.7	1529.9	1443.6	1286.9	1000.0	696.0	421.6	277.4	268.0	189.7	152.0
15°	2232.1	2202.3	2155.3	1997.0	1661.5	1247.7	689.7	379.3	354.2	205.3	150.5
17.5°	2667.8	2672.5	2630.2	2562.8	2346.5	1846.5	1191.3	565.9	517.3	233.6	147.3
20°	3048.7	3037.8	3061.3	3025.2	2873.2	2509.5	1733.6	896.6	813.5	279.0	148.9
22.5°	3487.6	3514.3	3531.5	3523.7	3356.0	3045.6	2349.6	1341.8	1236.7	362.1	153.6
25°	4075.4	4072.3	4073.9	4053.5	3890.5	3545.6	2967.2	1895.1	1788.5	496.9	164.6
27.5°	4691.4	4710.2	4718.1	4644.4	4431.2	4092.7	3539.3	2500.1	2374.7	713.2	178.7
30°	5533.2	5517.5	5481.4	5331.0	5072.3	4652.3	4103.6	3134.9	3003.3	1015.7	200.6
32.5°	6668.0	6650.8	6469.0	6136.6	5749.5	5235.4	4671.1	3771.3	3611.5	1393.5	230.4
35°	8538.0	8564.7	8117.9	7257.4	6563.0	5936.0	5299.6	4404.6	4263.5	1859.0	271.2
37.5°	11401.8	11256.0	10649.4	9128.9	7633.6	6810.7	5900.0	5044.1	4921.9	2432.7	324.5
40°	14184.0	14039.8	13864.3	12423.8	9494.2	7774.7	6740.1	5794.9	5636.6	3080.1	402.8
42.5°	17108.9	17029.0	17021.2	15934.9	12889.3	9290.4	7751.1	6674.3	6539.5	3790.1	531.4
45°	19181.1	19101.2	19268.9	19458.6	17513.3	12538.2	9511.4	7817.0	7621.0	4652.3	736.7
47.5°	19460.1	19463.3	19911.6	20505.6	20949.2	17561.9	11856.3	9331.2	9092.9	5885.9	1081.6
50°	18532.2	18568.3	19281.5	20344.2	21538.6	21776.9	15991.3	11528.7	11176.1	7348.3	1570.6
52.5°	16765.7	16806.4	17800.2	19547.9	20996.3	22789.5	20859.9	14403.5	13997.5	9172.8	2260.3
55°	15174.7	15199.8	16339.3	18547.9	20342.6	22239.3	23750.3	18242.2	17709.3	11417.5	2940.6
57.5°	13599.4	13541.4	14282.8	16811.1	20231.3	21563.7	24176.7	22617.0	22029.2	13870.5	3470.4
60°	11492.7	11395.5	11991.1	13599.4	18767.3	22007.3	23378.8	25037.2	24904.0	17286.1	3879.5
61°	10281.0	10240.3	10839.1	12218.4	17535.3	21894.4	23187.6	25139.1	25153.2	18902.1	4062.9
62.5°	7342.0	7458.0	8373.4	10166.6	14687.2	21162.4	23212.7	24824.0	24963.5	21049.6	4537.8
65°	3263.5	3450.0	4161.6	5620.9	8541.1	17604.3	22990.1	24132.8	24063.8	21638.9	6174.3
67.5°	1935.8	1964.0	2318.3	3185.1	4523.7	9469.1	20287.8	23218.9	23126.5	18837.9	7682.2
70°	1525.1	1539.3	1652.1	1998.5	2625.5	3627.1	11578.9	20088.7	20491.5	15275.0	7520.7
72.5°	1446.8	1443.6	1459.3	1520.4	1653.7	1799.5	4483.0	13353.3	14173.1	11000.5	6305.9
75°	1428.0	1421.7	1406.0	1382.5	1197.5	1059.6	1388.8	5906.2	6381.2	7516.0	4747.9
77.5°	1385.6	1387.2	1390.3	1326.1	1026.7	749.3	672.4	1895.1	2330.8	4769.8	3374.8
80°	937.3	951.5	975.0	949.9	923.2	542.3	474.9	674.0	683.4	2677.2	2228.9
82.5°	474.9	474.9	464.0	413.8	357.4	352.7	377.8	489.1	495.3	1354.3	1048.6
85°	286.8	302.5	308.8	280.6	257.1	236.7	288.4	388.7	402.8	525.1	244.5
87.5°	64.3	65.8	72.1	95.6	139.5	189.7	268.0	355.8	362.1	337.0	29.8
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-SA7B-722-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5	139.5
2.5°	141.1	137.9	136.4	131.7	127.0	122.3	119.1	117.6	119.1	120.7	120.7
5°	139.5	134.8	127.0	119.1	112.9	106.6	100.3	98.8	98.8	100.3	100.3
7.5°	139.5	131.7	120.7	111.3	101.9	92.5	87.8	84.6	86.2	86.2	86.2
10°	139.5	130.1	116.0	101.9	90.9	79.9	72.1	69.0	69.0	69.0	69.0
12.5°	137.9	128.5	111.3	94.0	78.4	65.8	56.4	51.7	53.3	53.3	53.3
15°	134.8	123.8	105.0	79.9	62.7	50.2	40.8	36.1	37.6	40.8	42.3
17.5°	130.1	119.1	94.0	67.4	50.2	37.6	28.2	25.1	26.6	31.3	31.3
20°	128.5	114.4	83.1	54.9	37.6	26.6	18.8	15.7	17.2	23.5	25.1
22.5°	128.5	111.3	75.2	45.5	28.2	17.2	11.0	6.3	6.3	11.0	11.0
25°	130.1	109.7	69.0	37.6	20.4	12.5	6.3	3.1	6.3	17.2	20.4
27.5°	133.2	108.2	65.8	31.3	15.7	11.0	4.7	11.0	18.8	18.8	18.8
30°	136.4	105.0	61.1	26.6	14.1	7.8	7.8	15.7	15.7	18.8	20.4
32.5°	141.1	103.5	58.0	23.5	11.0	6.3	11.0	9.4	9.4	11.0	12.5
35°	150.5	105.0	54.9	23.5	11.0	7.8	9.4	4.7	3.1	3.1	3.1
37.5°	163.0	106.6	50.2	20.4	9.4	9.4	4.7	0.0	0.0	0.0	0.0
40°	183.4	111.3	47.0	18.8	7.8	7.8	1.6	0.0	0.0	0.0	0.0
42.5°	217.9	120.7	45.5	17.2	7.8	6.3	0.0	0.0	0.0	0.0	0.0
45°	286.8	142.6	42.3	15.7	7.8	3.1	0.0	0.0	0.0	0.0	0.0
47.5°	412.2	194.4	40.8	12.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	601.9	263.3	39.2	11.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	768.1	277.4	26.6	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	786.9	191.2	20.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	627.0	123.8	17.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	474.9	94.0	15.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*456.1*	*84.6*	*15.7*	*1.6*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	503.2	73.7	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	818.2	61.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1421.7	53.3	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1796.3	50.2	9.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1565.9	45.5	9.4	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	942.0	39.2	9.4	6.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	493.8	29.8	9.4	7.8	4.7	1.6	0.0	0.0	0.0	0.0	0.0
80°	239.8	26.6	11.0	7.8	6.3	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	94.0	21.9	12.5	11.0	7.8	4.7	1.6	0.0	0.0	0.0	0.0
85°	42.3	18.8	14.1	12.5	11.0	6.3	1.6	0.0	0.0	0.0	0.0
87.5°	21.9	17.2	15.7	14.1	11.0	7.8	3.1	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

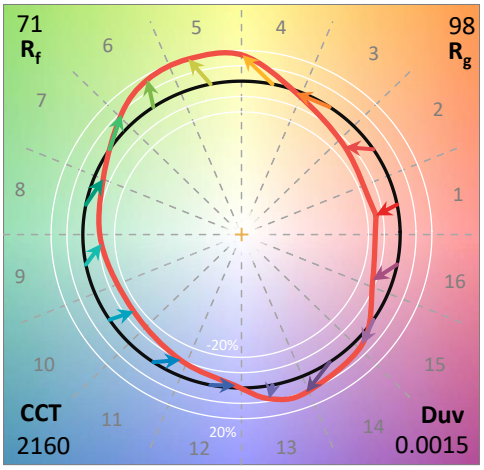
Test Information

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

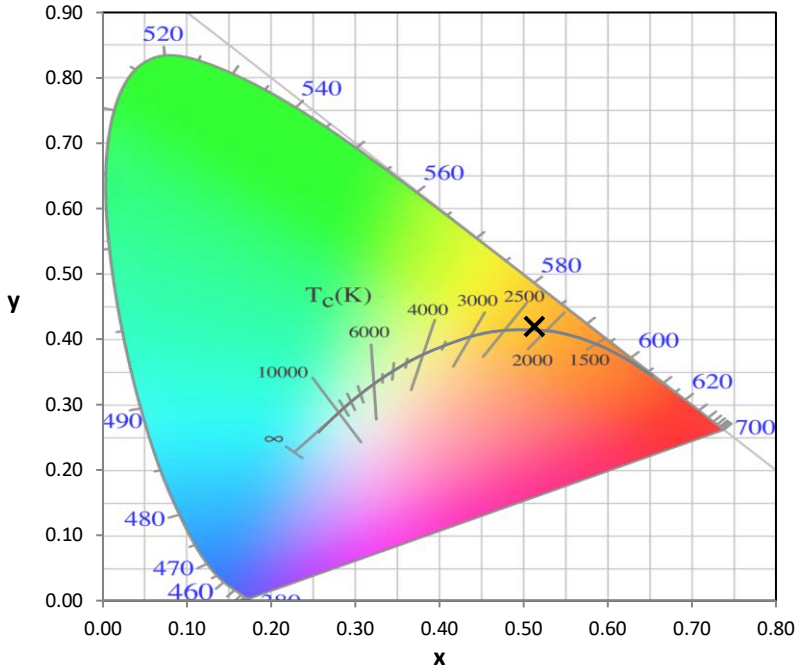
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

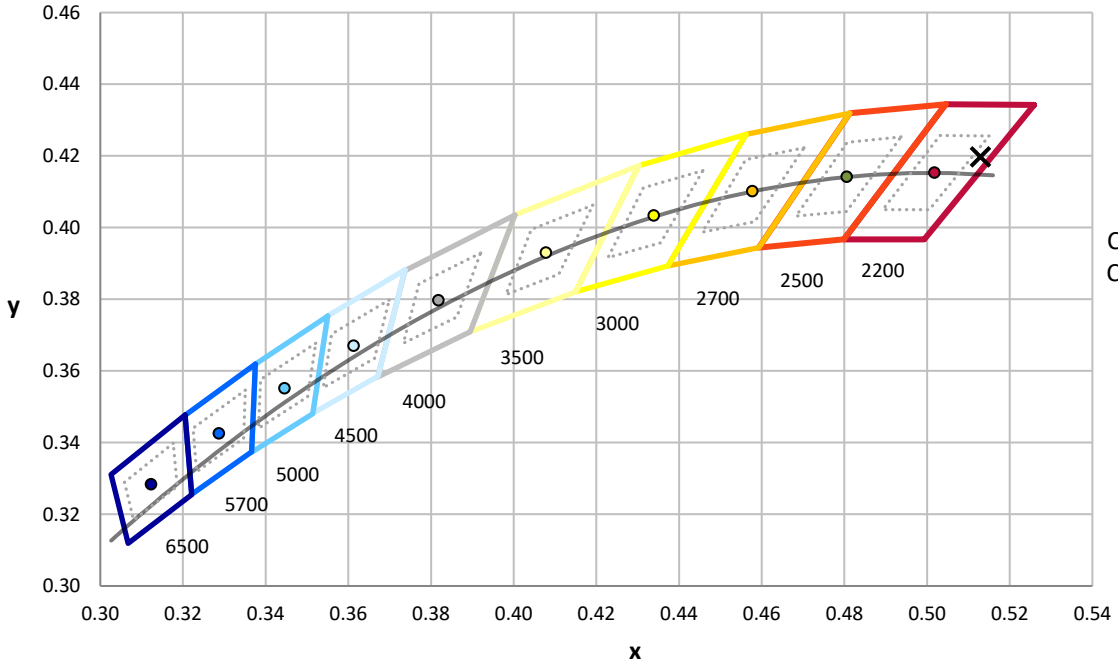
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

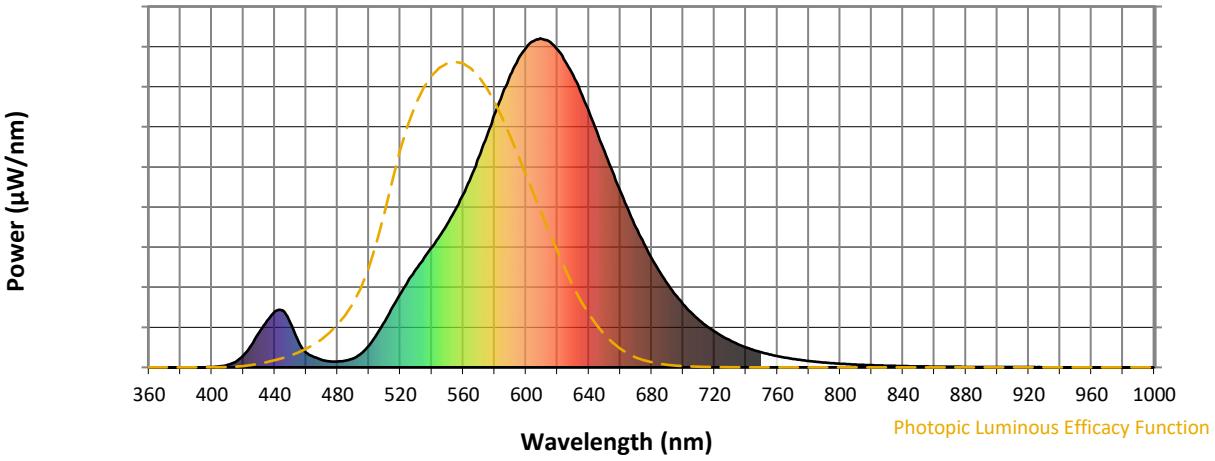


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

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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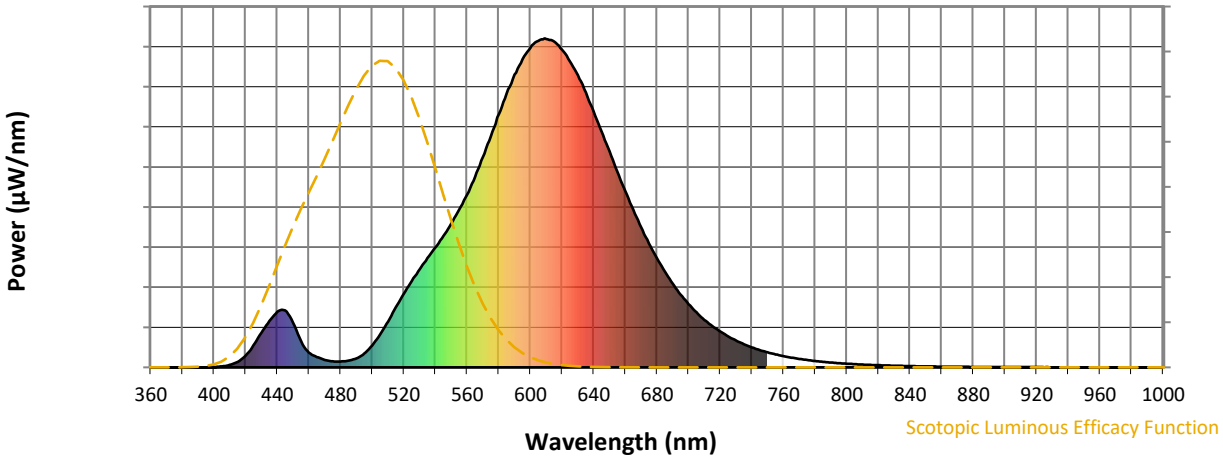
Scotopic Flux vs. Wavelength



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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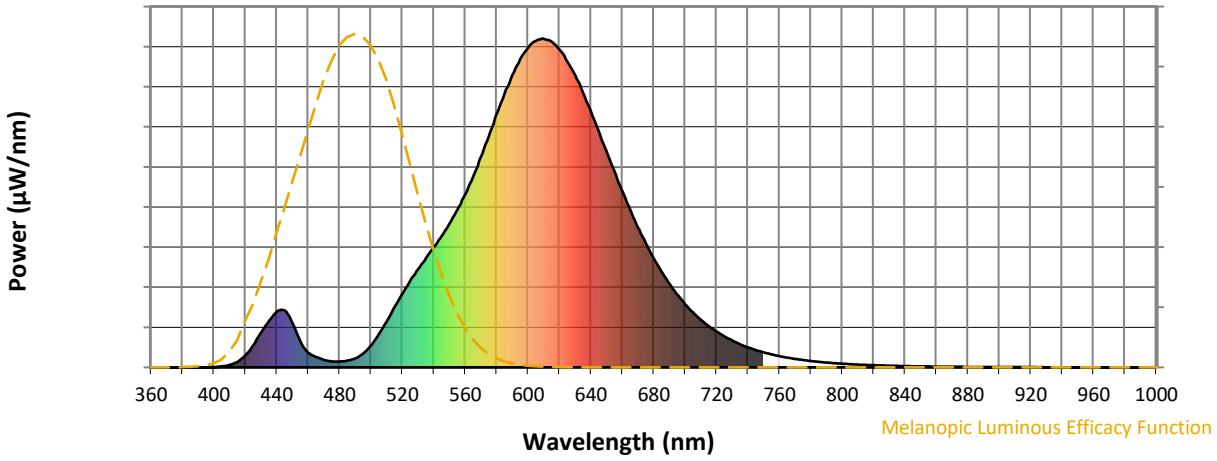
Melanopic Flux vs. Wavelength



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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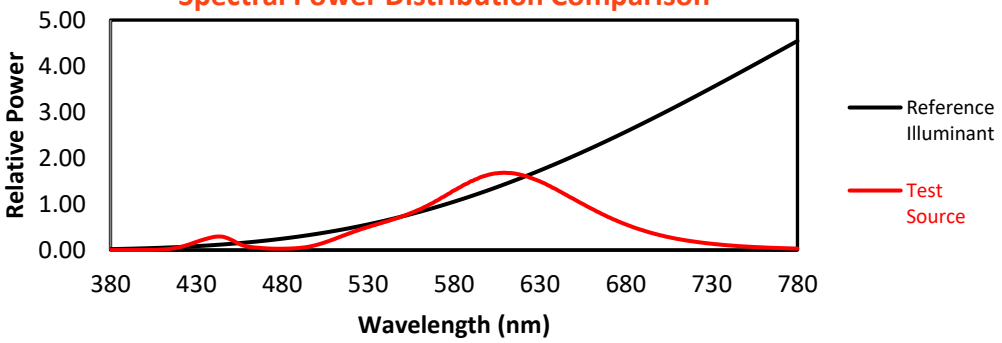
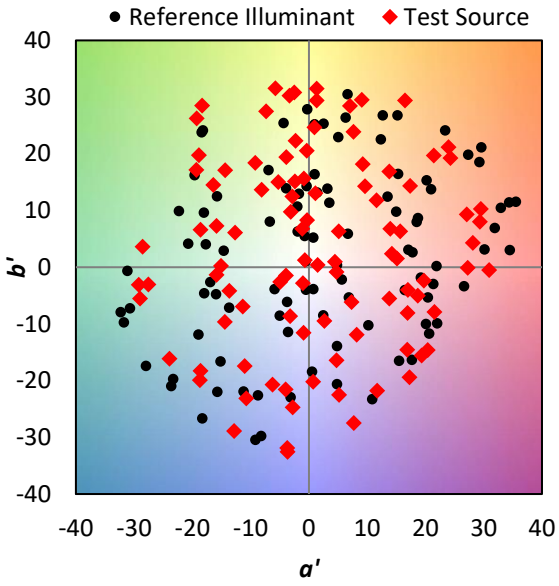
Summary

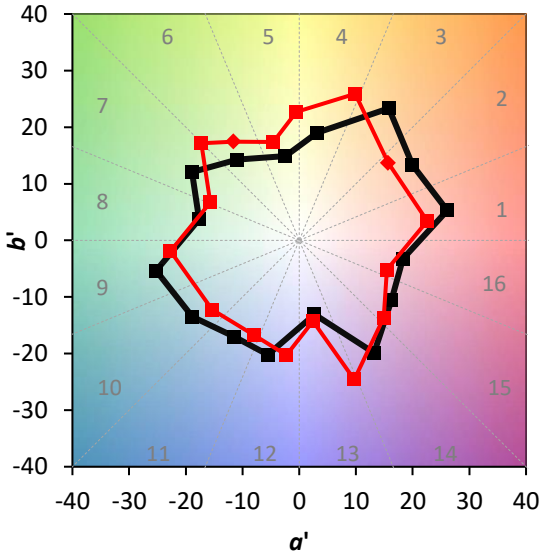
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

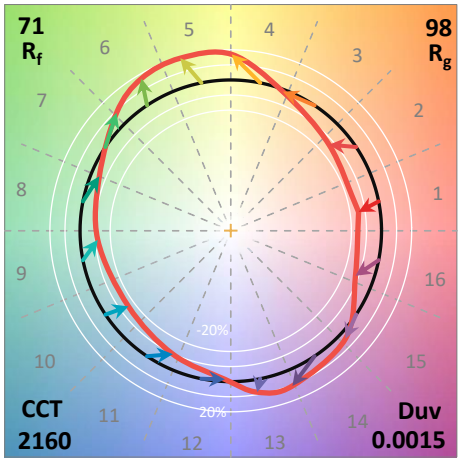
Spectral Power Distribution Comparison

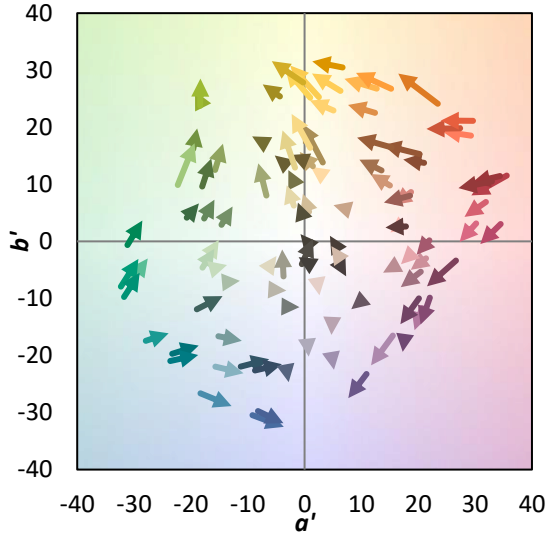


Color Vector Graphics









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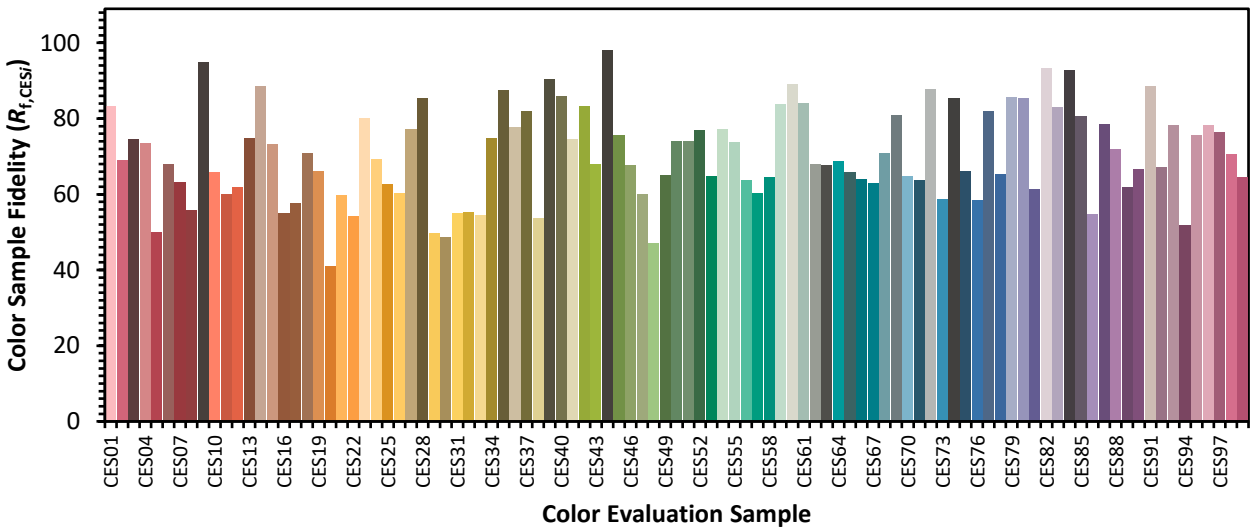
Individual Sample Fidelity Index ($R_{f,i}$)

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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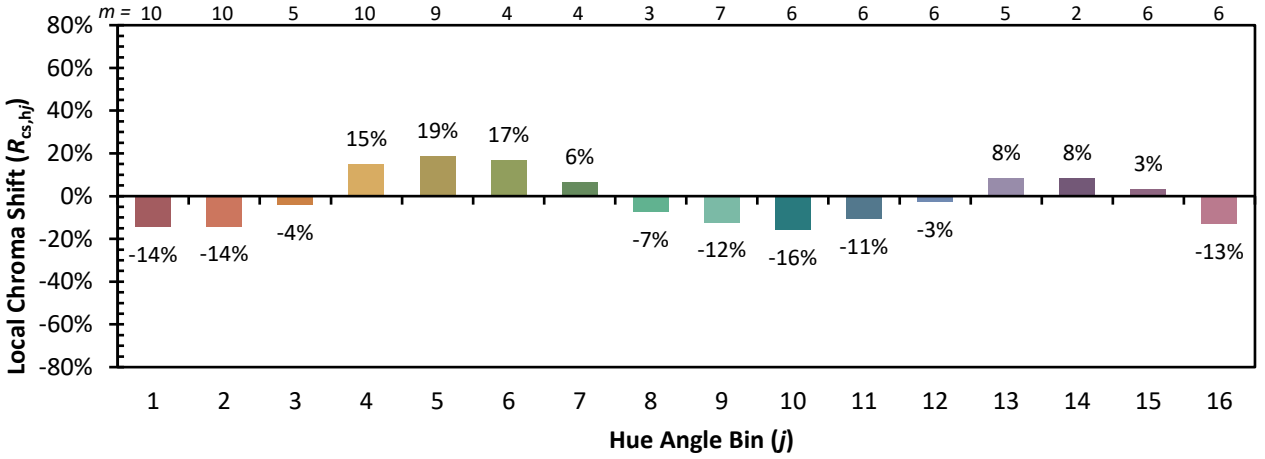
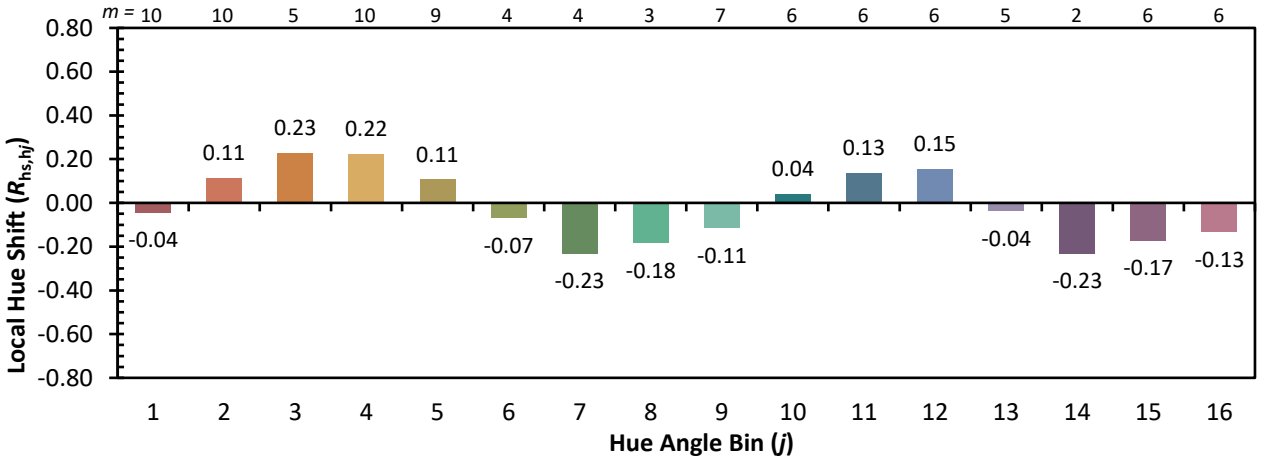
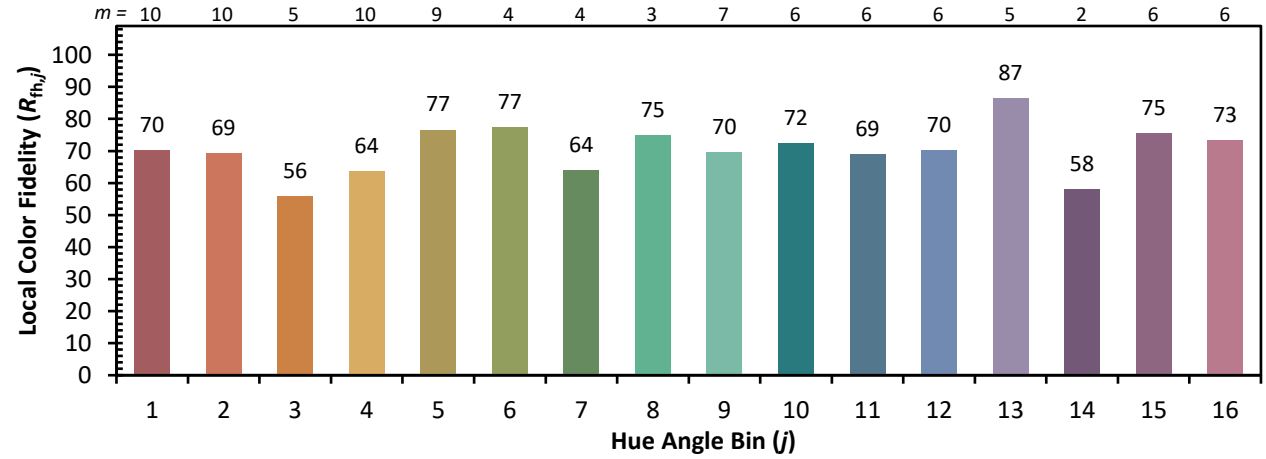
Color Rendition by Hue-Angle Bin







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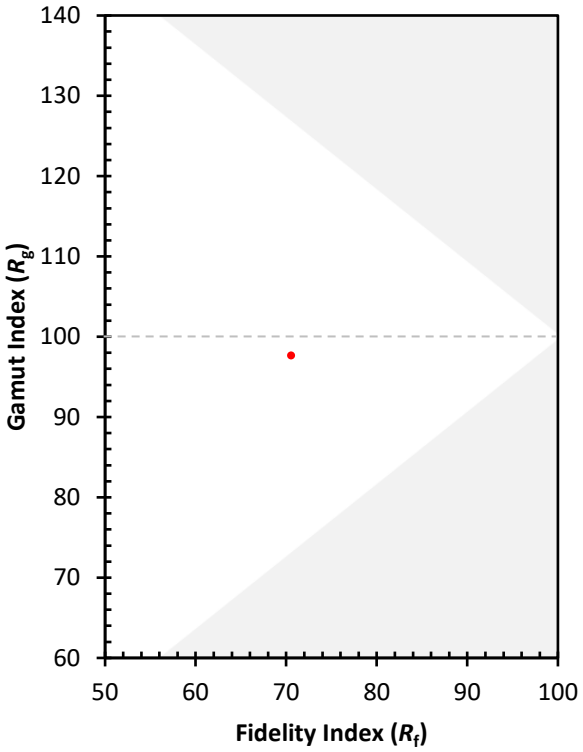
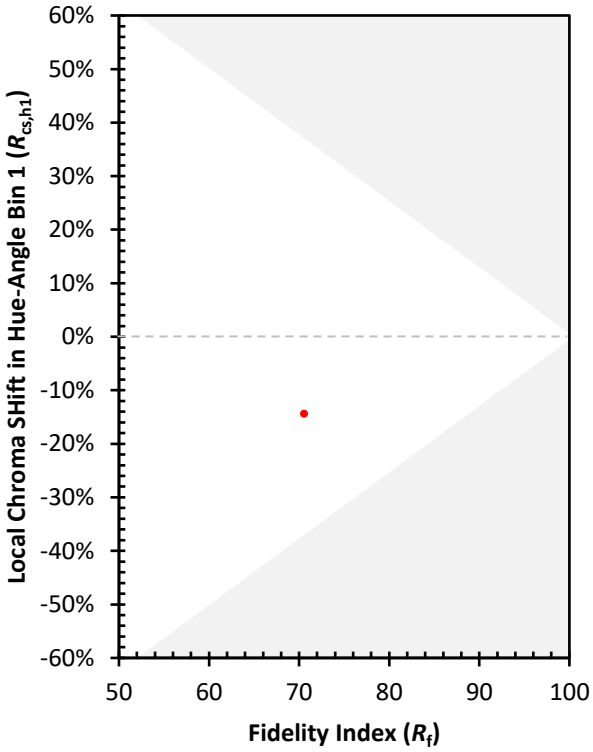
Measure Comparisons





(END OF REPORT)