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: P1048299

Luminaire Tested: **GALN-SA7C-722-U-T4BC**

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:	P1048299
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7C-722-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE 70CRI 2200K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(98) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28669.4 lumens
Efficiency:	N/A
Efficacy:	86.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	330
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: P1048299
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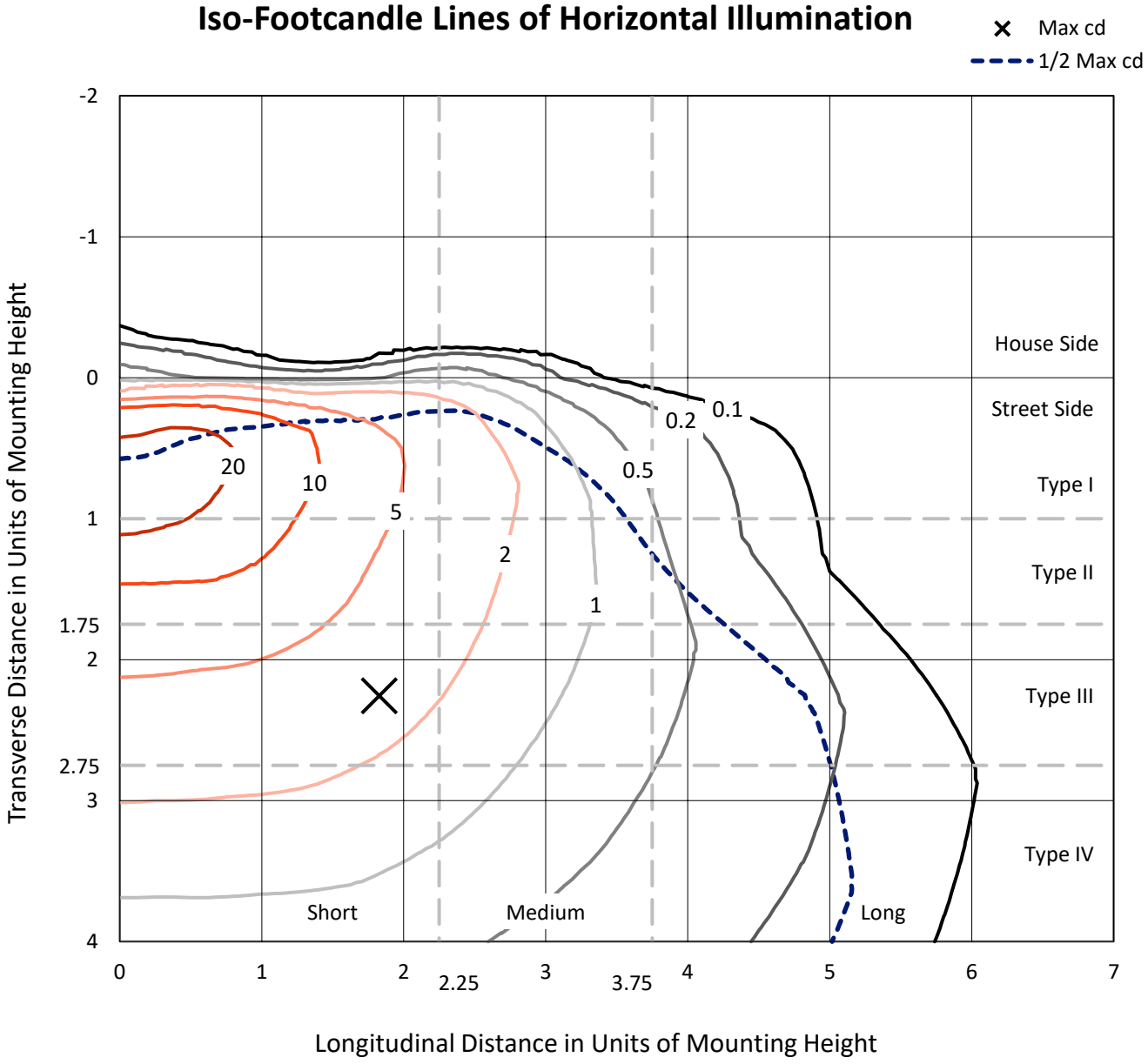
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 29.5 fc
Type IV - Short - N/A

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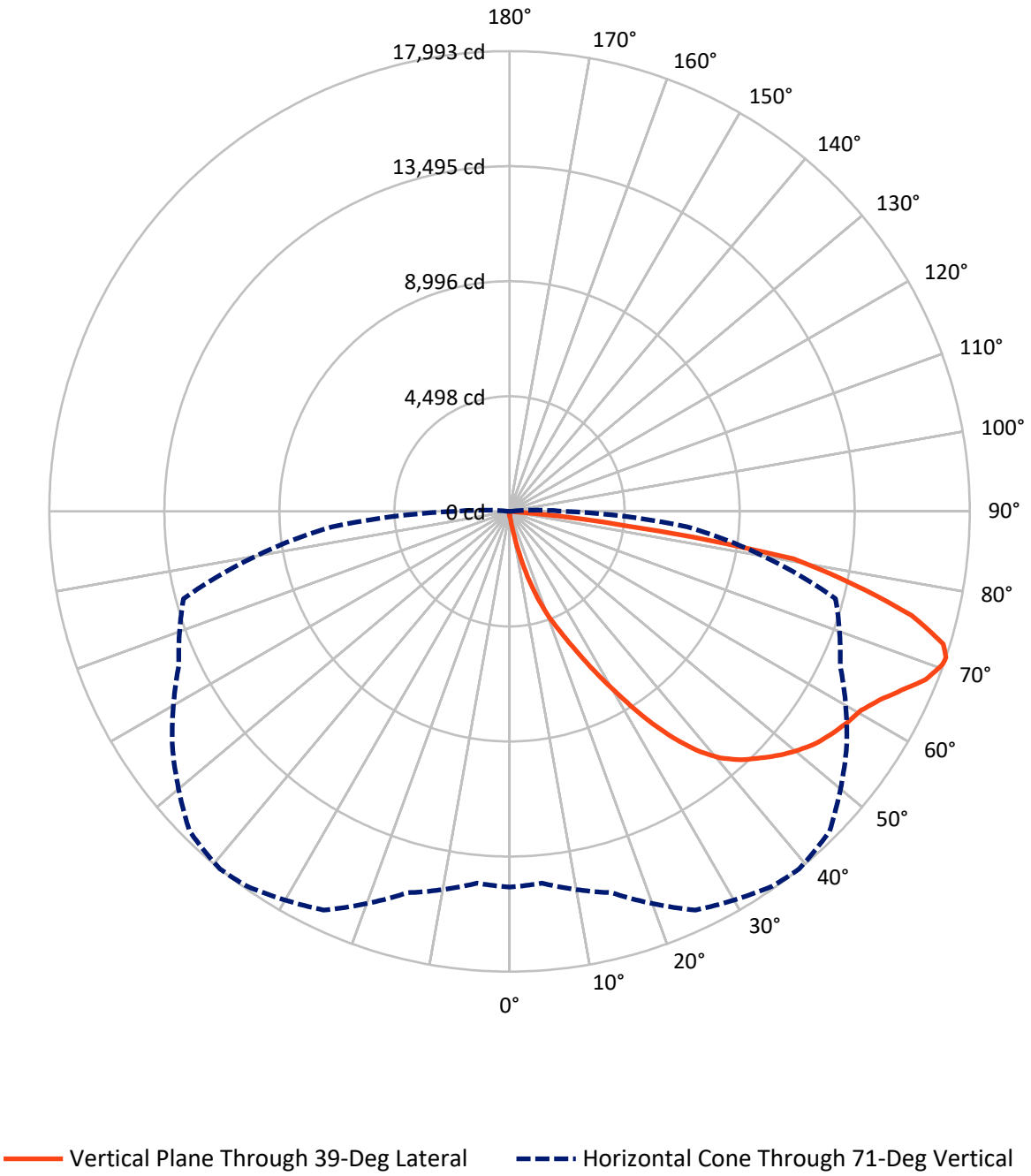
Luminous Intensity Polar Plot



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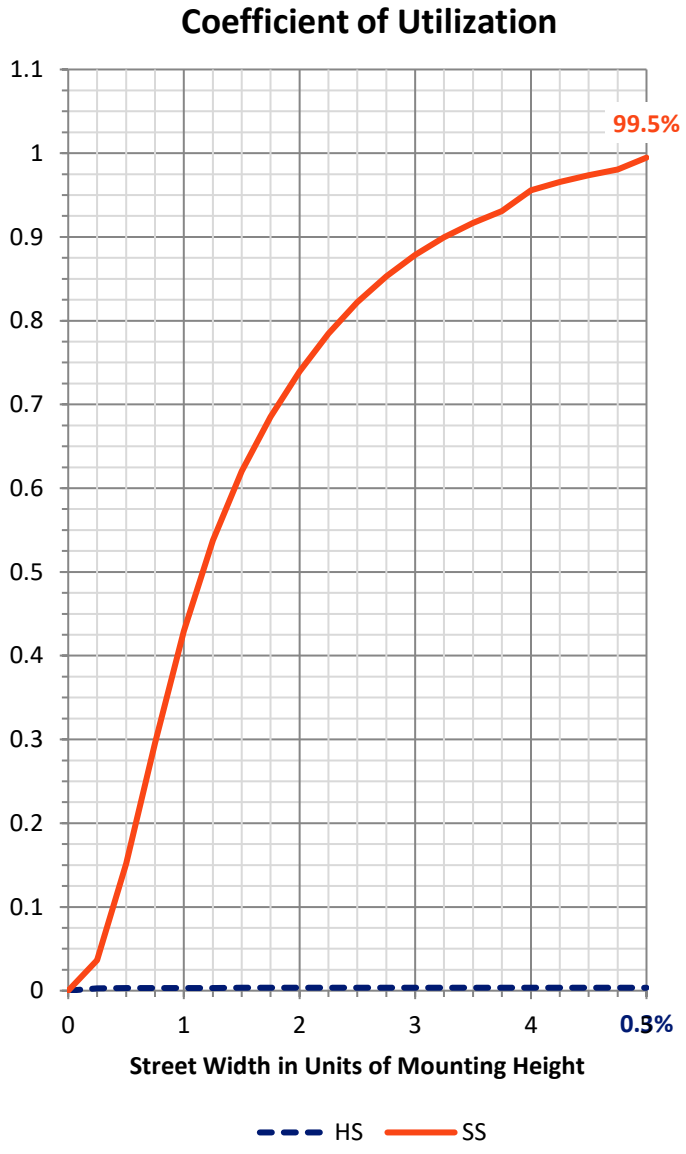
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	101.9	0.0	101.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28567.5	0.0	28567.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	28669.4	0.0	28669.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.0	0.1
10°-20°	306.4	1.1
20°-30°	1091.2	3.8
30°-40°	2630.0	9.2
40°-50°	4401.5	15.4
50°-60°	5653.1	19.7
60°-70°	7154.1	25.0
70°-80°	6378.2	22.2
80°-90°	1031.0	3.6
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°	28669.4	100.0
0°-180°	28669.4	100.0



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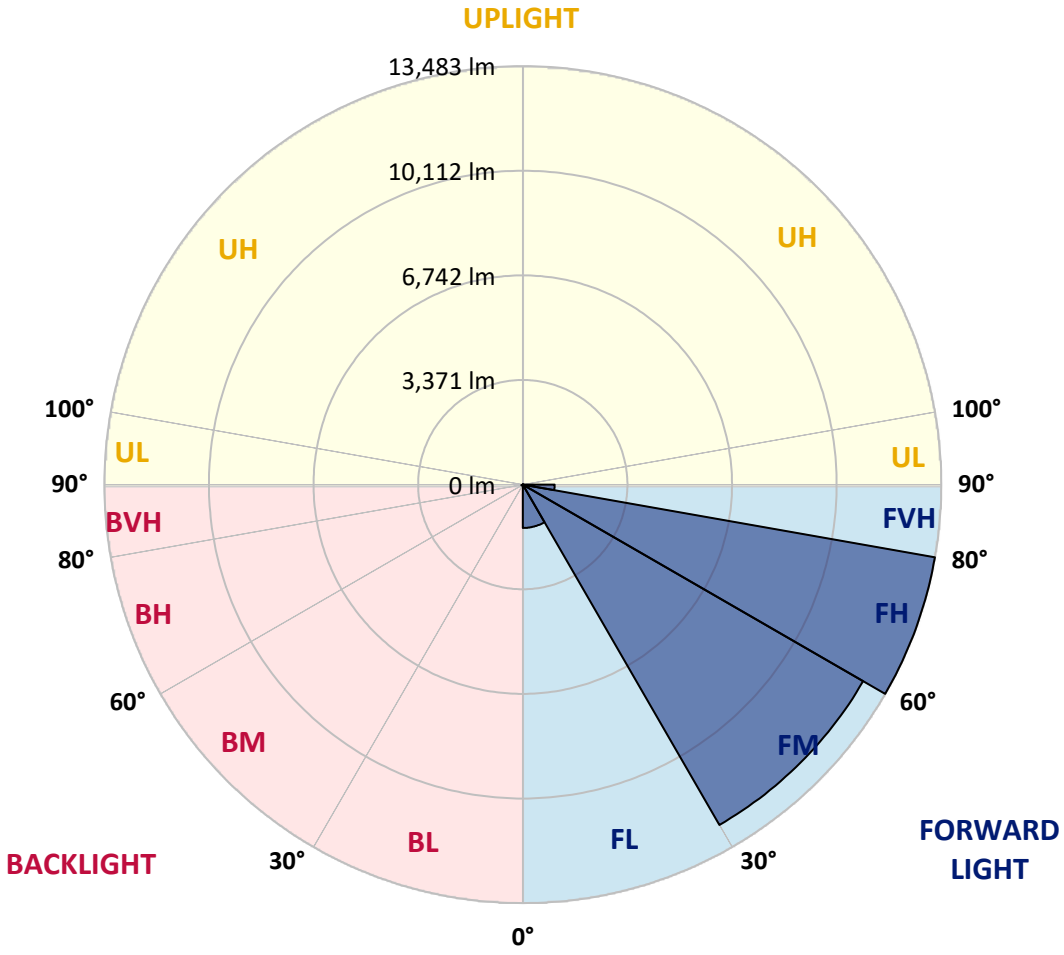
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1397.0	4.9			
FM	(30°-60°)	12661.0	44.2			
FH	(60°-80°)	13483.3	47.0			G5
FVH	(80°-90°)	1026.3	3.6			G5
BL	(0°-30°)	24.6	0.1	B0/110		
BM	(30°-60°)	23.6	0.1	B0/220		
BH	(60°-80°)	49.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.7	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-G5
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	157.2	157.2	157.2	157.2	157.2	*157.2*	157.2	157.2	157.2	157.2	157.2
2.5°	180.5	180.5	180.5	174.7	174.7	*172.7*	170.8	170.8	166.9	165.0	161.1
5°	273.6	267.8	254.2	246.5	231.0	*221.2*	211.5	198.0	184.4	174.7	163.0
7.5°	619.1	632.7	588.1	504.6	419.2	*382.3*	320.2	258.1	213.5	184.4	165.0
10°	1577.8	1570.1	1418.7	1251.8	966.5	*852.0*	667.6	421.1	275.6	201.8	166.9
12.5°	2684.1	2676.3	2497.8	2270.7	1894.2	*1655.5*	1306.1	786.0	395.9	229.0	166.9
15°	3613.7	3582.7	3526.4	3301.2	2860.7	*2660.8*	2198.9	1389.6	640.5	275.6	170.8
17.5°	4228.9	4201.8	4149.4	4067.8	3788.4	*3551.6*	3180.9	2183.4	1036.4	357.1	178.6
20°	4793.7	4774.3	4731.6	4716.1	4535.6	*4409.4*	4102.8	3095.5	1614.7	485.2	190.2
22.5°	5570.0	5529.2	5546.7	5453.6	5276.9	*5125.6*	4937.3	4050.4	2321.2	698.7	211.5
25°	6521.0	6501.6	6453.0	6387.1	6142.5	*6010.6*	5721.4	4950.9	3111.0	978.1	234.8
27.5°	7669.9	7648.6	7636.9	7485.5	7204.1	*7060.5*	6656.8	5800.9	3999.9	1370.2	265.9
30°	8993.5	9003.2	8927.5	8733.4	8405.5	*8203.6*	7788.3	6691.8	4910.1	1830.1	298.9
32.5°	10363.7	10344.3	10227.8	9998.8	9705.8	*9517.5*	8989.6	7668.0	5865.0	2437.6	337.7
35°	11840.6	11803.7	11497.1	11235.1	10984.7	*10748.0*	10266.7	8801.4	6819.9	3118.8	390.1
37.5°	13331.1	13158.4	12543.2	12211.3	12038.6	*11844.5*	11396.2	10010.5	7768.9	3879.6	454.1
40°	14456.8	14322.9	13593.1	12981.8	12844.0	*12679.0*	12345.2	11054.6	8778.1	4696.7	531.8
42.5°	15079.8	15006.0	14350.0	13746.4	13422.3	*13276.8*	12991.5	11966.8	9775.6	5599.1	644.3
45°	15345.6	15231.1	14792.5	14511.1	13994.9	*13754.2*	13414.6	12655.7	10817.8	6623.8	801.5
47.5°	15264.1	15198.1	14883.7	14986.6	14612.0	*14237.5*	13738.7	13183.6	11708.6	7799.9	1017.0
50°	14751.8	14695.5	14598.4	15155.4	15108.9	*14666.4*	14157.9	13600.9	12436.4	9012.9	1350.8
52.5°	13777.5	13754.2	14002.6	15023.5	15390.3	*15044.8*	14561.6	13969.6	13115.7	10280.2	1828.2
55°	12521.8	12616.9	13327.2	14817.7	15533.9	*15324.3*	14918.7	14315.1	13661.1	11413.6	2532.7
57.5°	12005.6	12030.8	12917.7	14672.2	15597.9	*15570.8*	15266.1	14645.0	14161.8	12320.0	3607.9
60°	12609.2	12570.3	13038.1	14782.8	15726.0	*15792.0*	15574.6	14951.7	14596.5	13098.2	5040.2
62.5°	13699.9	13678.5	13828.0	15254.4	16100.6	*16234.5*	16003.6	15172.9	14980.8	13610.6	6674.3
65°	14674.1	14629.5	14907.0	16090.9	16758.5	*16853.6*	16651.8	15551.4	15149.6	13983.2	8209.4
67.5°	15095.3	15085.6	15532.0	16886.6	17449.4	*17552.3*	17375.7	16073.4	15110.8	14101.6	8886.8
70°	14903.1	14866.3	15580.5	17224.3	17839.5	*17956.0*	17785.2	16267.5	14689.7	13727.0	7883.4
71°	*14691.6*	*14592.6*	*15434.9*	*17201.0*	*17893.9*	*17992.8*	*17694.0*	*16090.9*	*14266.6*	*13195.3*	*6973.2*
72.5°	14035.6	14053.1	15035.1	16958.4	17763.8	*17734.7*	17177.7	15458.2	13756.1	11988.1	5601.1
75°	12420.9	12523.8	13740.6	15939.5	16603.3	*16232.6*	15380.6	14249.1	12731.4	8595.7	3889.3
77.5°	10150.2	10303.5	11640.7	13979.3	13791.1	*13754.2*	13719.3	12554.8	10872.2	4617.1	2705.4
80°	4846.1	5178.0	7021.7	9979.4	10841.1	*11258.4*	10996.4	10117.2	8407.4	2198.9	1616.7
82.5°	316.3	312.5	442.5	838.4	3534.1	*4568.6*	7258.5	7231.3	5861.1	1071.3	659.9
85°	149.4	153.3	168.8	192.1	223.2	*244.5*	337.7	1979.6	2804.4	510.4	143.6
87.5°	87.3	89.3	104.8	133.9	174.7	*194.1*	231.0	296.9	364.9	281.4	31.1
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-SA7C-722-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	157.2	157.2	157.2	157.2	157.2	157.2	157.2	157.2	157.2	157.2	157.2
2.5°	159.1	157.2	151.4	145.6	139.7	135.9	133.9	135.9	135.9	137.8	137.8
5°	159.1	153.3	143.6	132.0	124.2	116.4	112.6	110.6	112.6	112.6	112.6
7.5°	157.2	147.5	133.9	120.3	110.6	100.9	97.0	95.1	95.1	97.0	97.0
10°	153.3	143.6	126.1	110.6	99.0	87.3	81.5	75.7	75.7	75.7	77.6
12.5°	151.4	137.8	116.4	100.9	85.4	71.8	60.2	54.3	56.3	56.3	56.3
15°	147.5	132.0	110.6	91.2	71.8	54.3	44.6	38.8	40.8	42.7	40.8
17.5°	147.5	130.0	102.9	79.6	56.3	40.8	33.0	29.1	29.1	31.1	31.1
20°	147.5	126.1	97.0	67.9	42.7	31.1	23.3	21.3	21.3	25.2	27.2
22.5°	151.4	126.1	89.3	56.3	34.9	23.3	17.5	15.5	17.5	21.3	23.3
25°	157.2	124.2	81.5	50.5	29.1	17.5	13.6	9.7	11.6	15.5	17.5
27.5°	163.0	122.3	73.7	44.6	23.3	13.6	9.7	7.8	5.8	7.8	7.8
30°	168.8	122.3	66.0	36.9	19.4	9.7	5.8	3.9	1.9	0.0	0.0
32.5°	172.7	118.4	60.2	29.1	15.5	7.8	3.9	1.9	0.0	0.0	0.0
35°	176.6	114.5	52.4	23.3	11.6	5.8	1.9	0.0	0.0	0.0	0.0
37.5°	180.5	108.7	44.6	19.4	9.7	3.9	0.0	0.0	0.0	0.0	0.0
40°	184.4	100.9	36.9	17.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	188.3	95.1	31.1	13.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	198.0	91.2	25.2	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	215.4	87.3	23.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	240.7	83.5	21.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	275.6	81.5	19.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	337.7	79.6	17.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	444.4	77.6	17.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	681.2	73.7	17.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1216.9	71.8	15.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2121.3	73.7	15.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3041.2	77.6	13.6	5.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	2602.6	67.9	13.6	7.8	3.9	1.9	0.0	0.0	0.0	0.0	0.0
71°	*2121.3*	*60.2*	*13.6*	*7.8*	*3.9*	*1.9*	*1.9*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1364.4	46.6	11.6	7.8	3.9	3.9	1.9	0.0	0.0	0.0	0.0
75°	576.4	38.8	11.6	7.8	5.8	3.9	3.9	1.9	0.0	0.0	0.0
77.5°	246.5	29.1	11.6	9.7	7.8	5.8	5.8	3.9	1.9	0.0	0.0
80°	93.2	23.3	13.6	11.6	9.7	9.7	7.8	3.9	1.9	0.0	0.0
82.5°	42.7	19.4	13.6	11.6	11.6	9.7	7.8	5.8	3.9	0.0	0.0
85°	27.2	17.5	13.6	11.6	11.6	9.7	9.7	5.8	3.9	0.0	0.0
87.5°	21.3	17.5	13.6	13.6	11.6	11.6	7.8	5.8	1.9	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

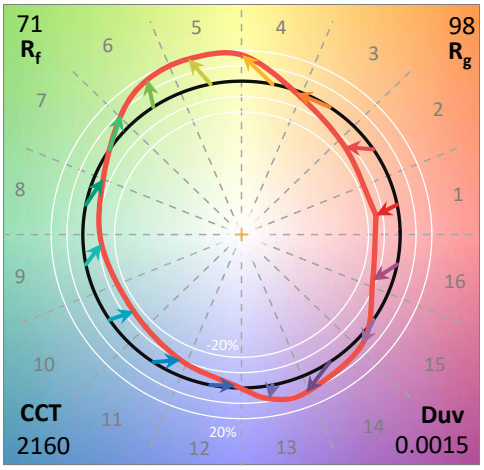
Test Information

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

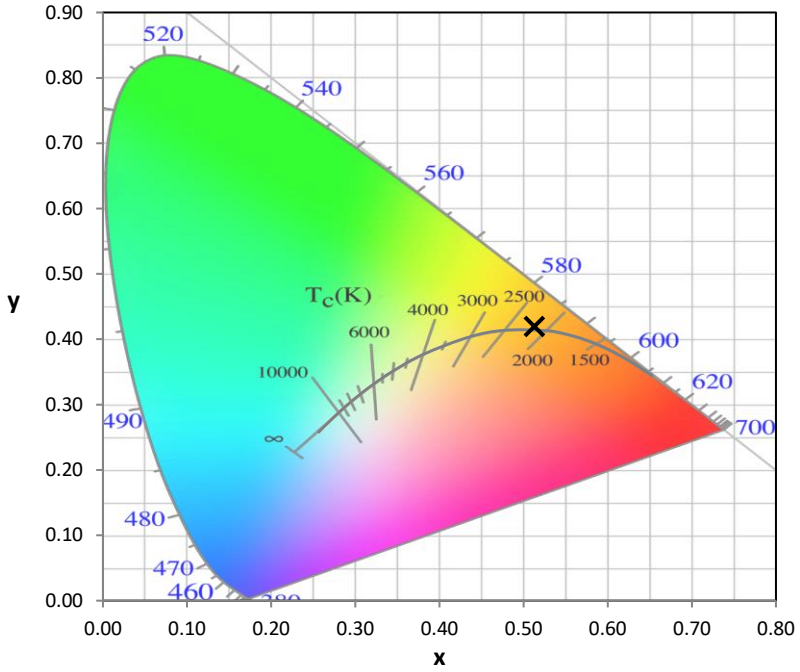
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

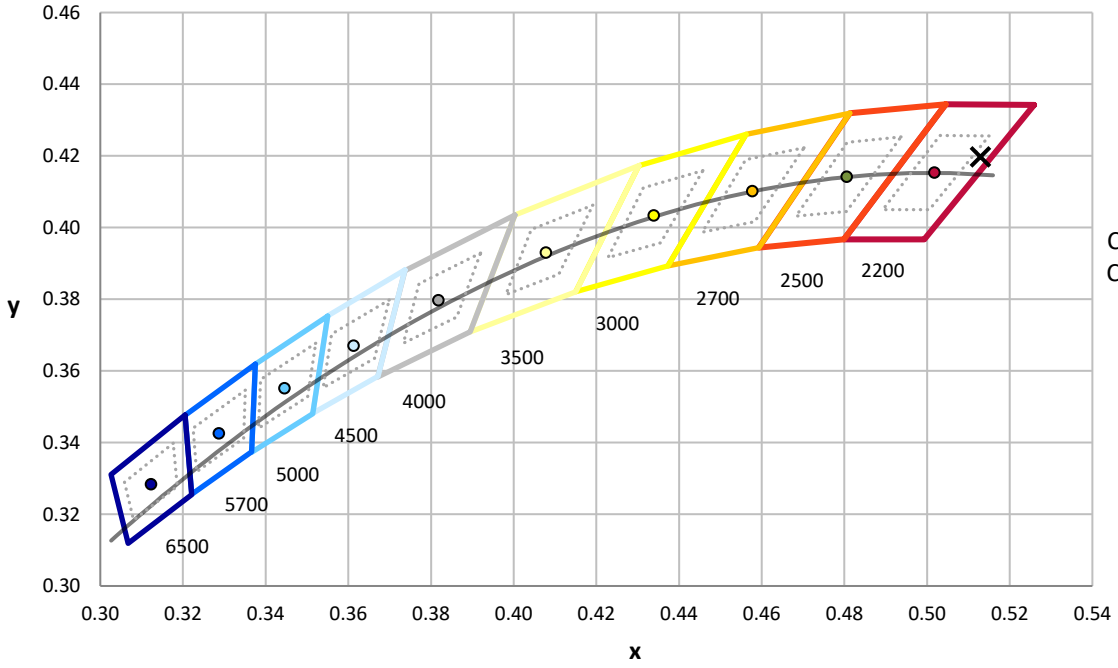
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

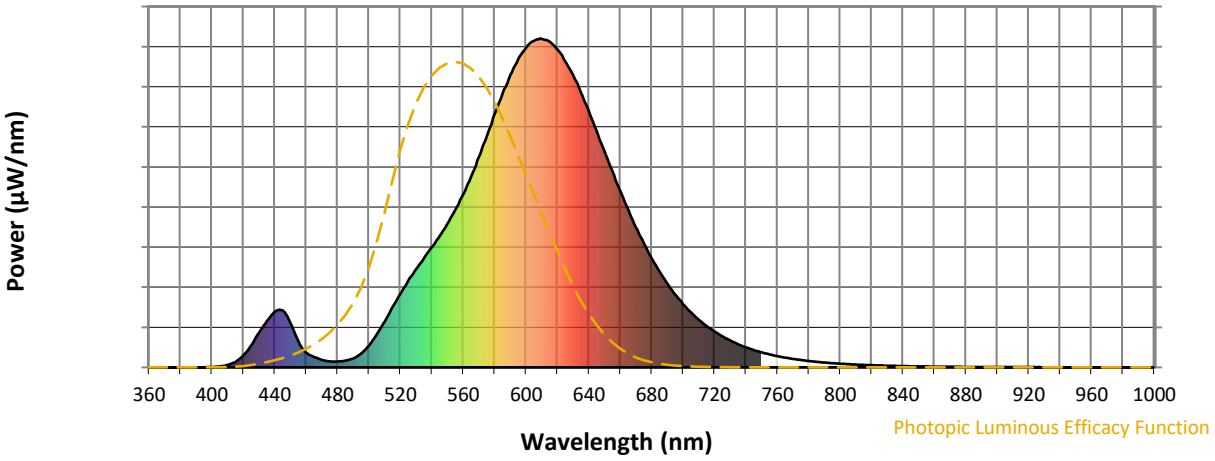


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

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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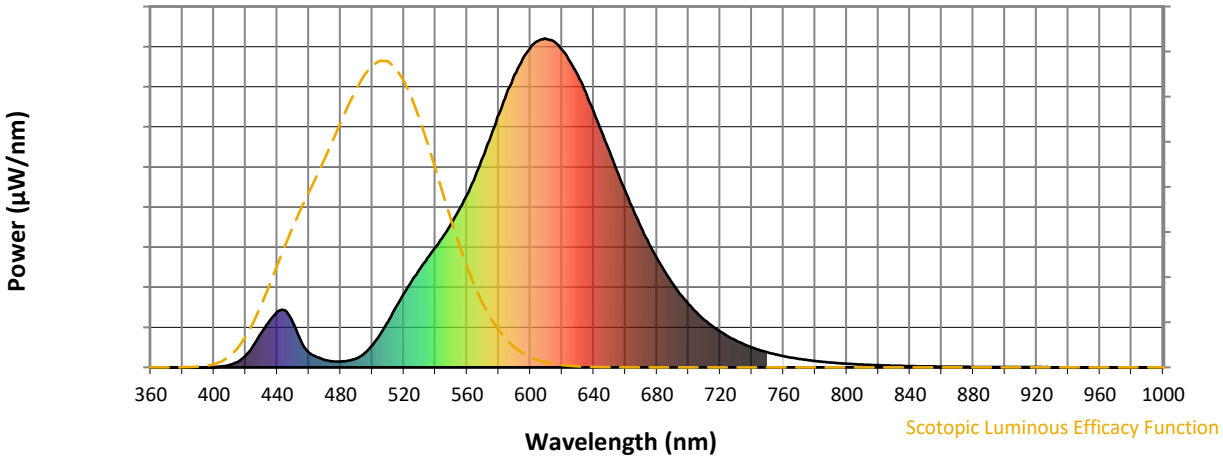
Scotopic Flux vs. Wavelength



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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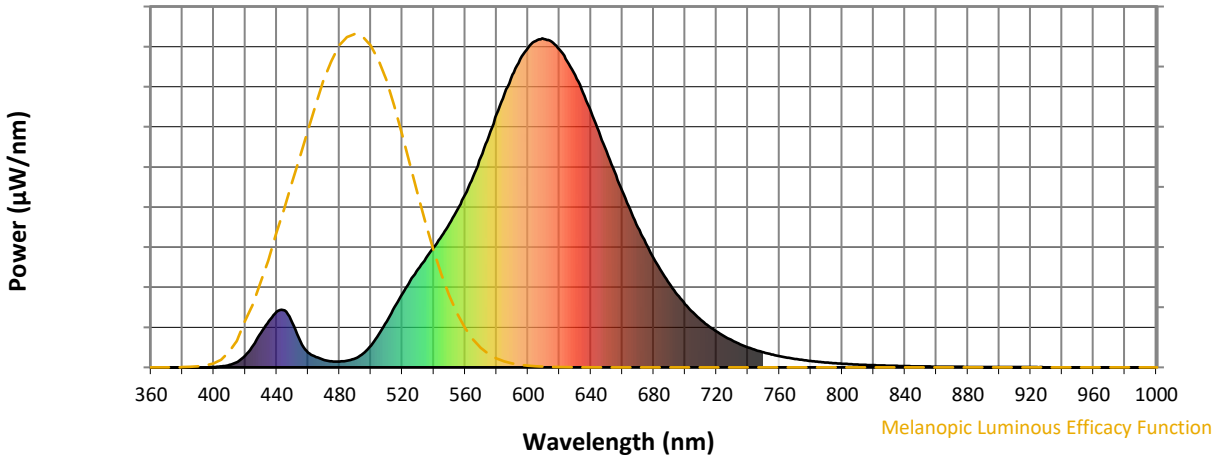
Melanopic Flux vs. Wavelength



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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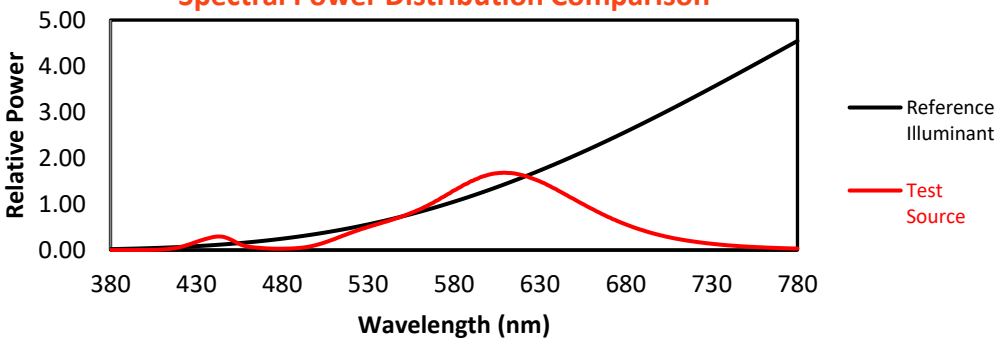
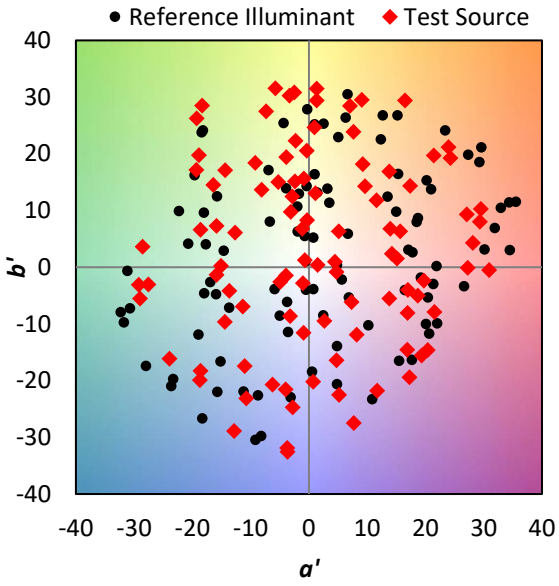
Summary

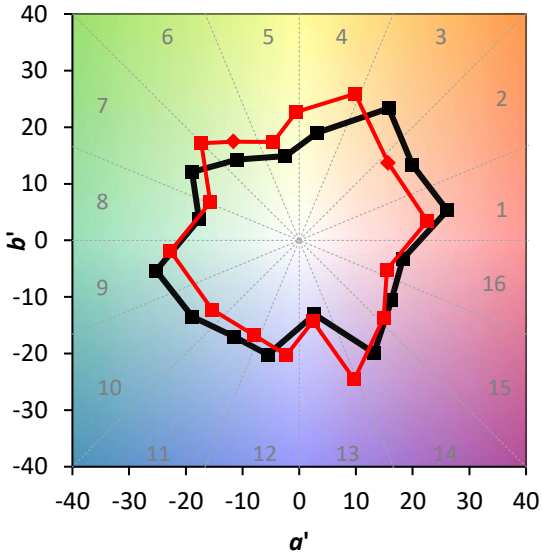
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

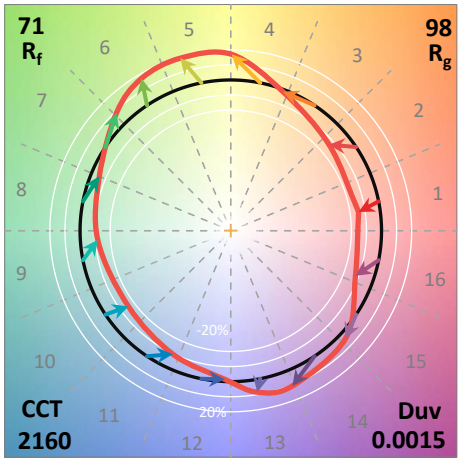
Spectral Power Distribution Comparison

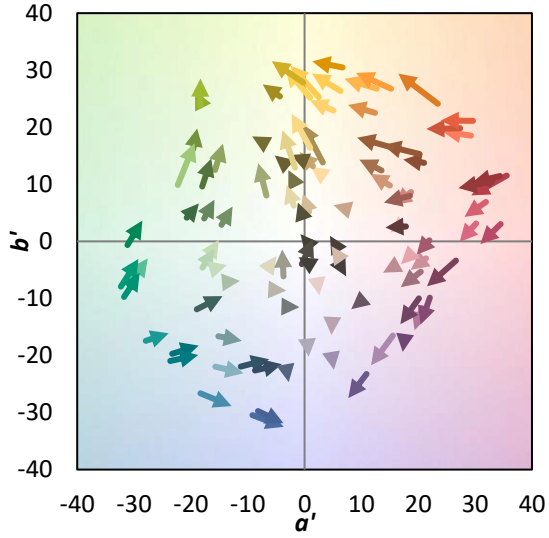


Color Vector Graphics









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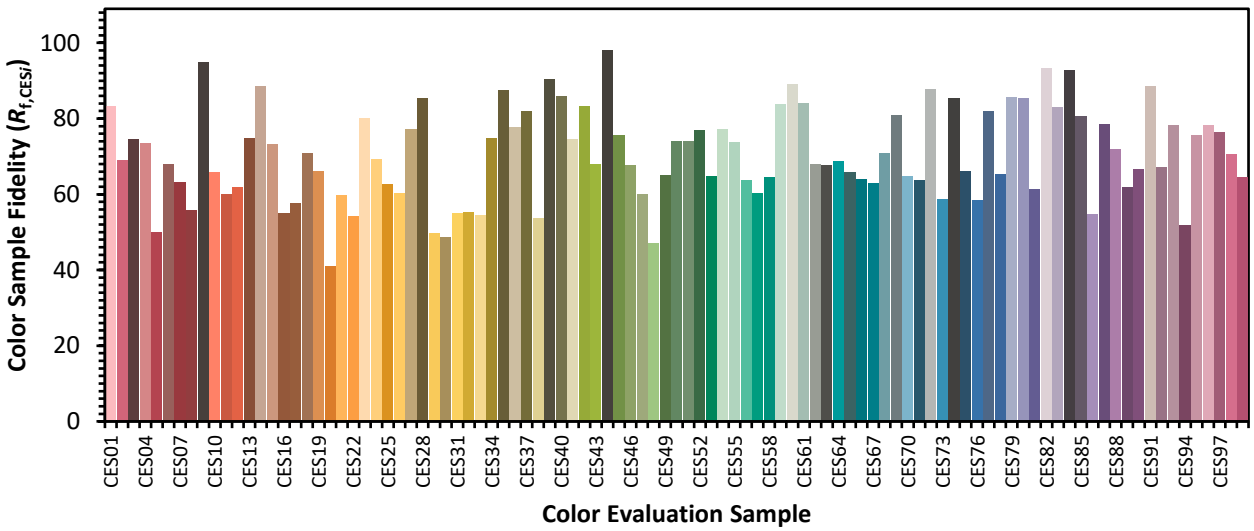
Individual Sample Fidelity Index ($R_{f,i}$)

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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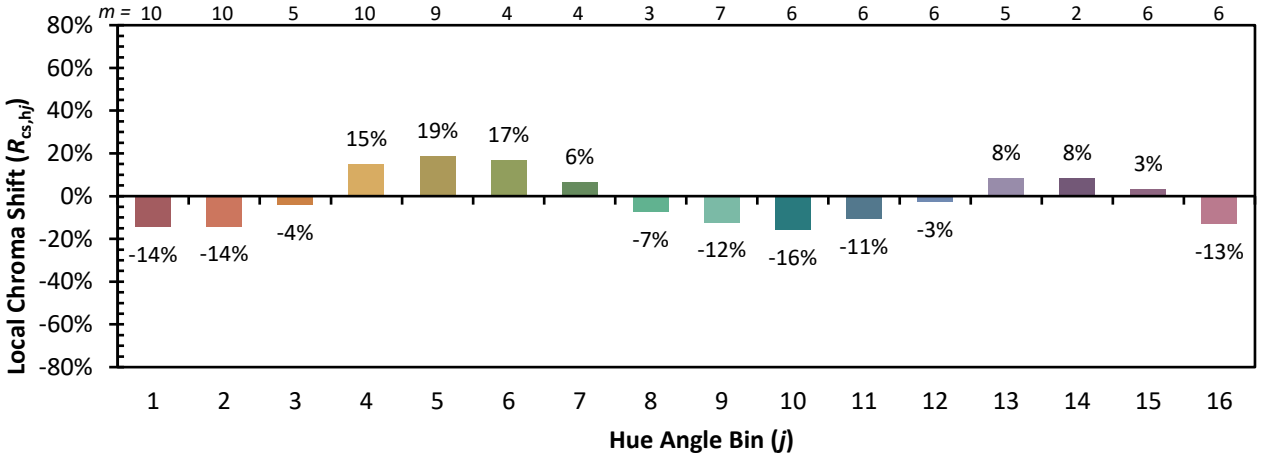
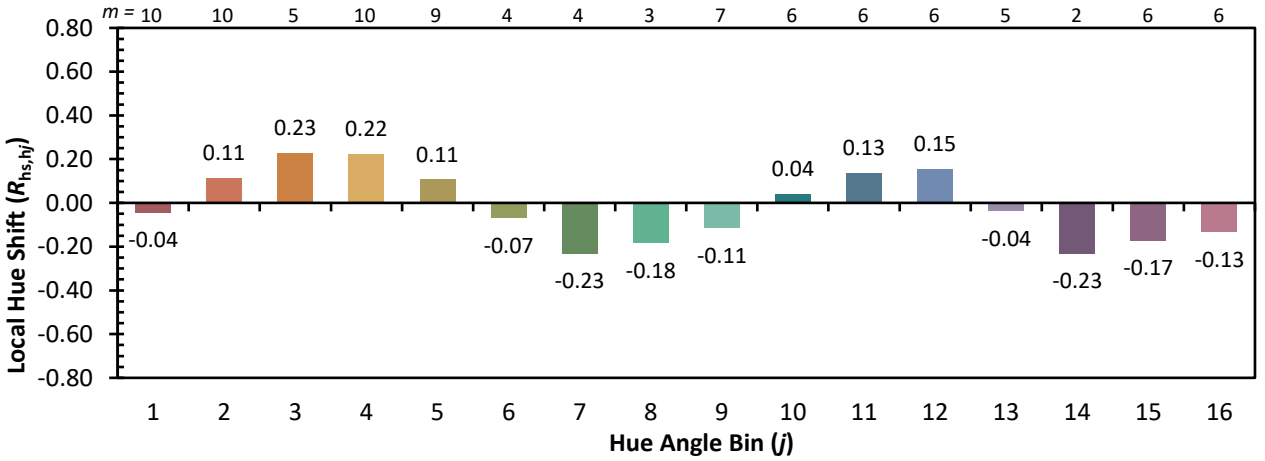
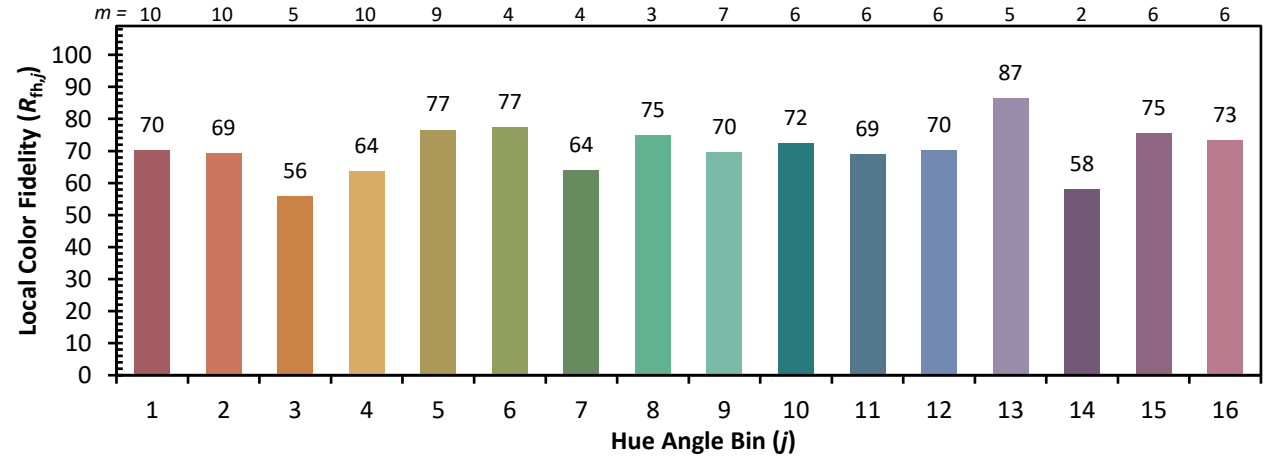
Color Rendition by Hue-Angle Bin







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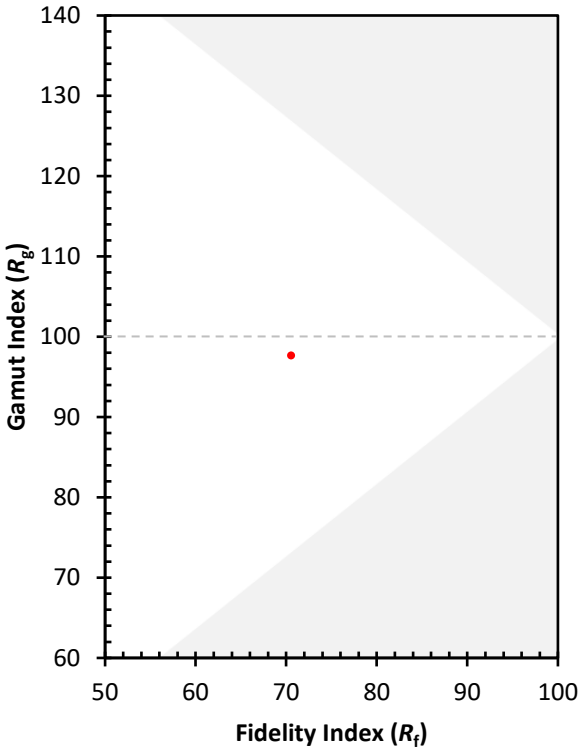
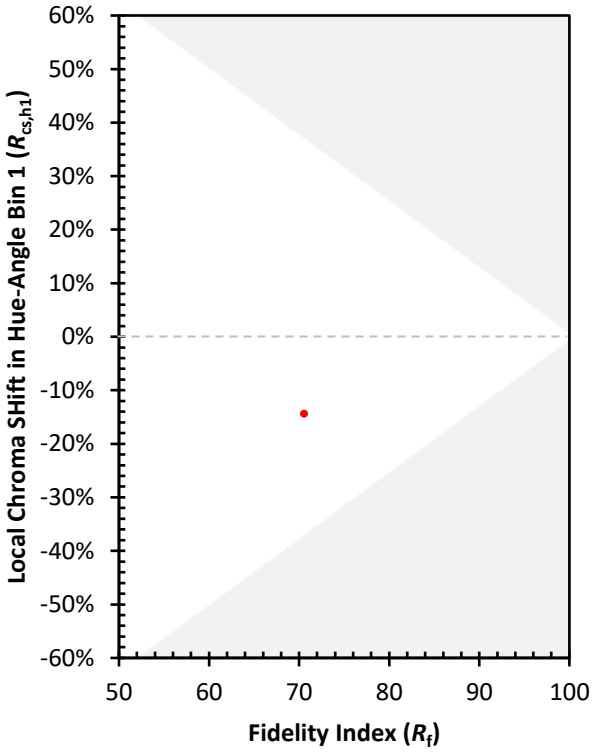
Measure Comparisons





(END OF REPORT)