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: P1047757

Luminaire Tested: **GALN-SA7A-730-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:	P1047757
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7A-730-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(98) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	24129.5 lumens
Efficiency:	N/A
Efficacy:	125.0 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):	193.1
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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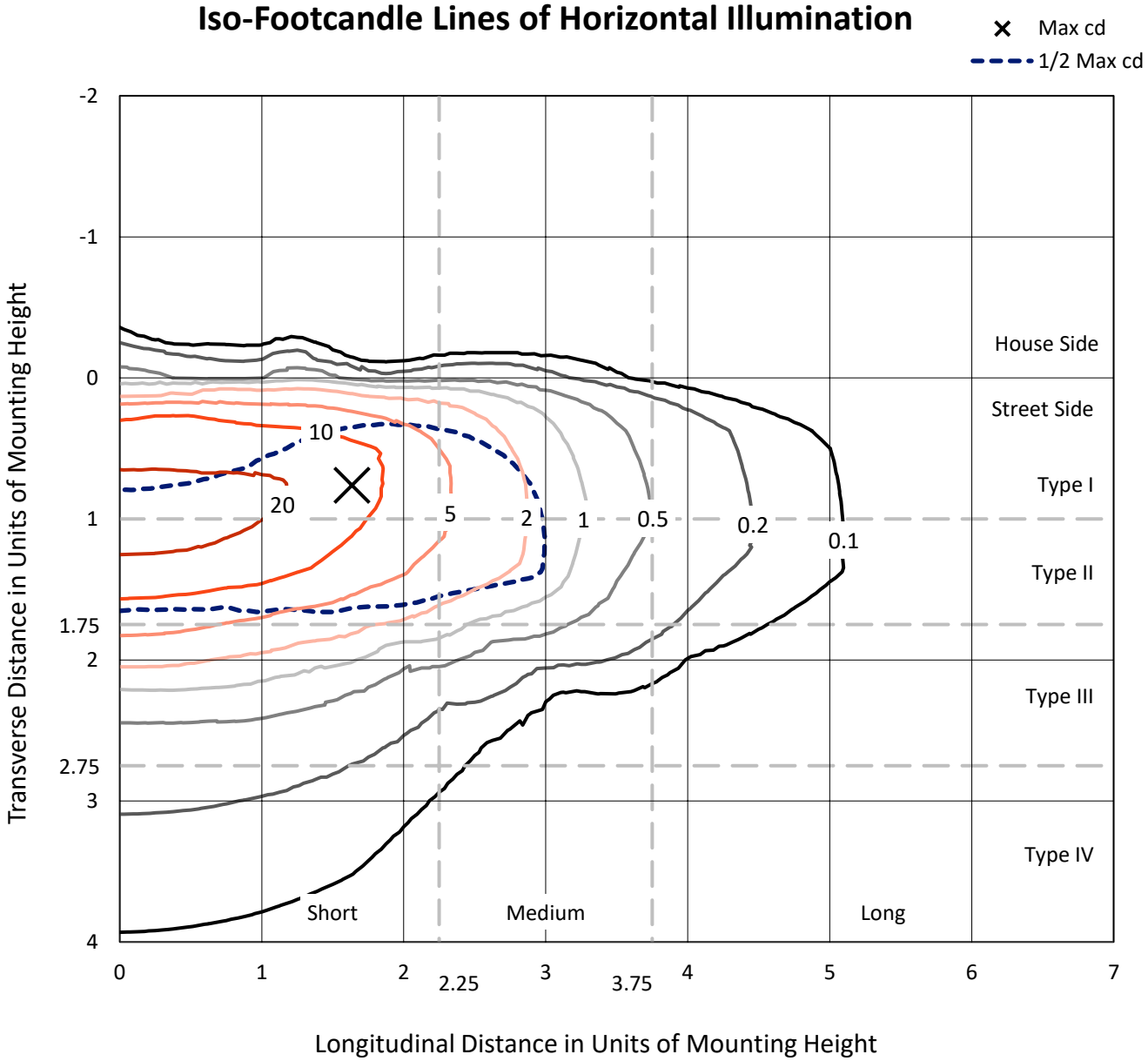
Scaled Data Report

REPORT NUMBER: P1047757
CATALOG NUMBER: GALN-SA7A-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 31.9 fc
Type II - Short - N/A

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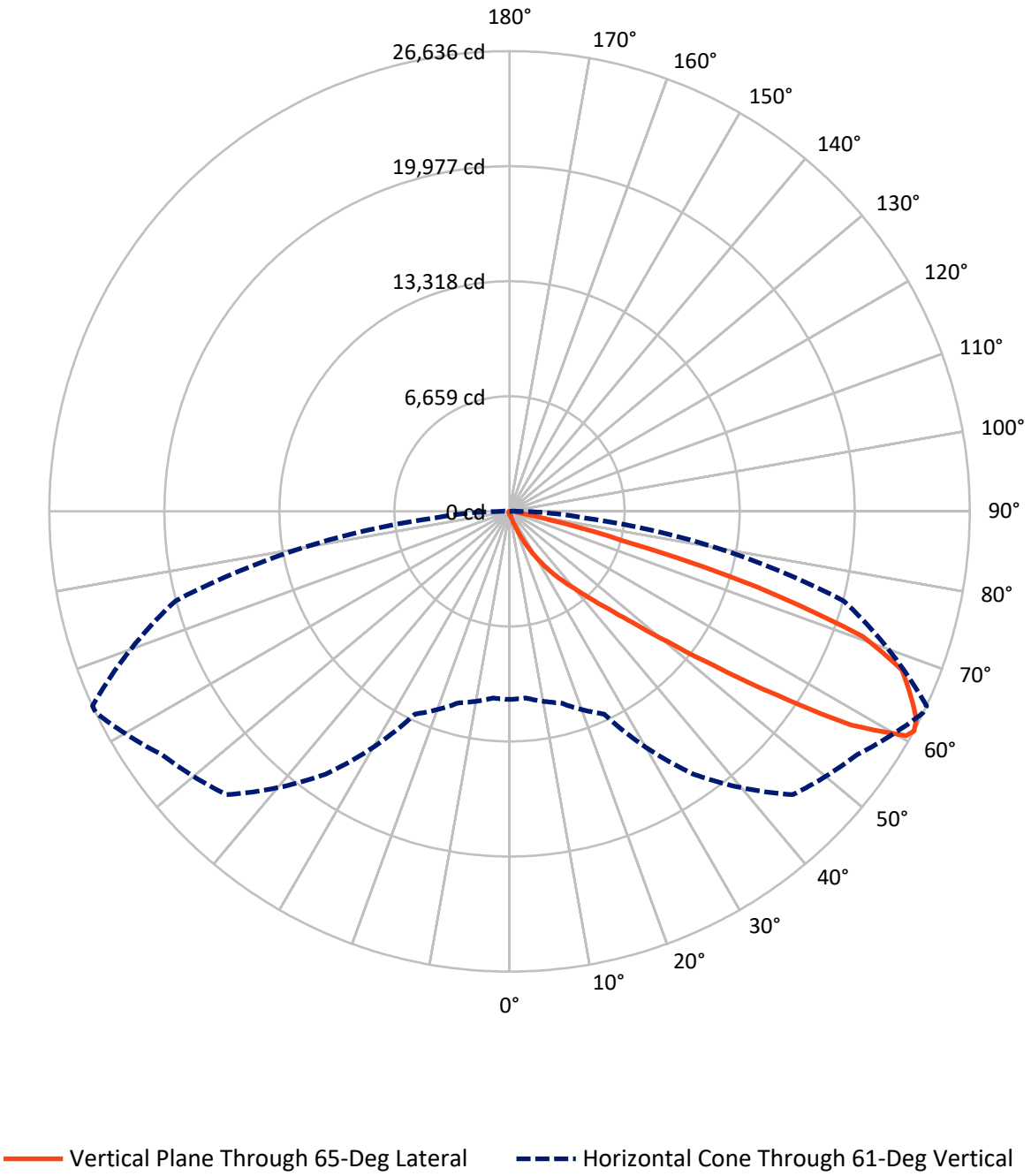
Luminous Intensity Polar Plot



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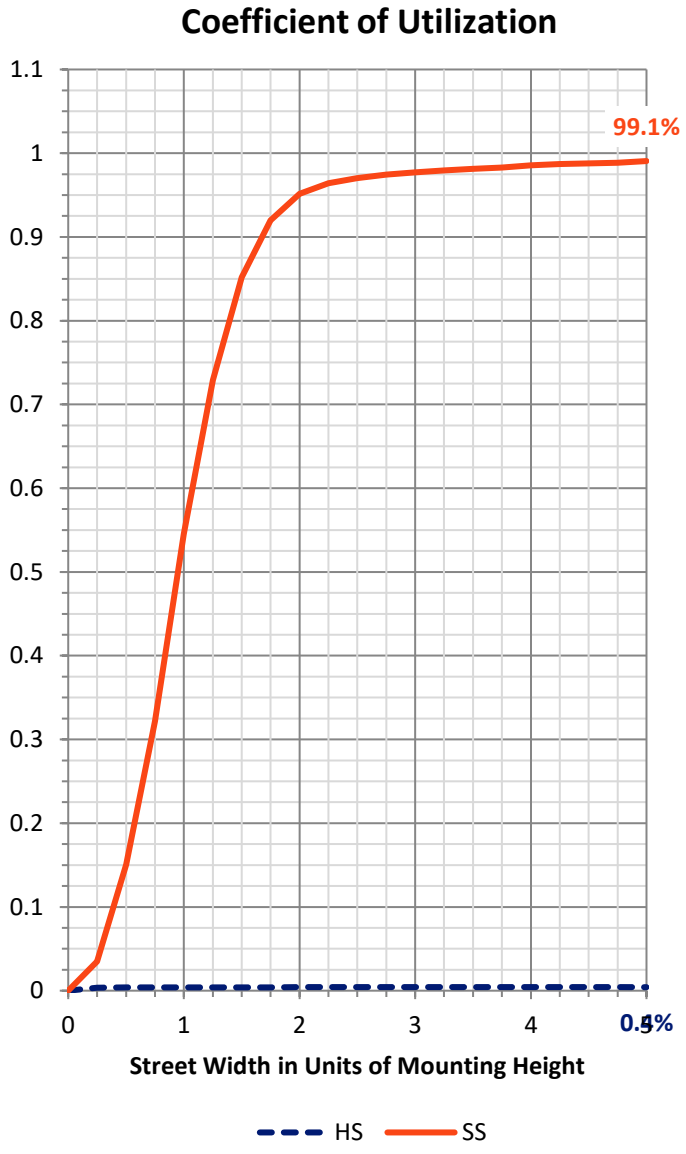
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	103.0	0.0	103.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24026.5	0.0	24026.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	24129.5	0.0	24129.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	0.1
10°-20°	198.4	0.8
20°-30°	712.1	3.0
30°-40°	1895.9	7.9
40°-50°	4980.5	20.6
50°-60°	7715.7	32.0
60°-70°	6469.5	26.8
70°-80°	1903.9	7.9
80°-90°	234.9	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°	24129.5	100.0
0°-180°	24129.5	100.0



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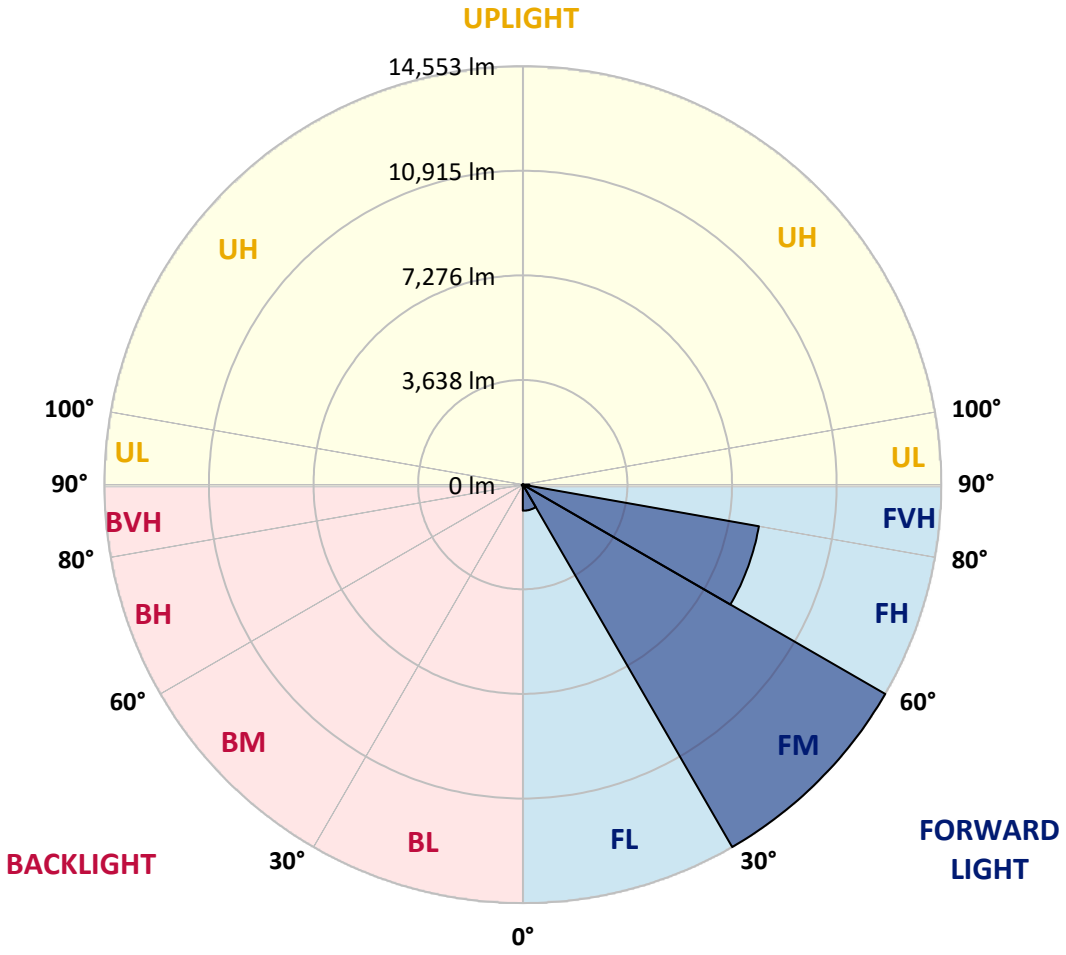
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	906.2	3.8			
FM	(30°-60°)	14552.8	60.3			
FH	(60°-80°)	8337.0	34.6			G4/12000
FVH	(80°-90°)	230.5	1.0			G3/500
BL	(0°-30°)	23.1	0.1	B0/110		
BM	(30°-60°)	39.2	0.2	B0/220		
BH	(60°-80°)	36.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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: P1047757
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	147.7	147.7	147.7	147.7	147.7	147.7	147.7	147.7	147.7	147.7	147.7
2.5°	179.3	180.9	177.6	171.0	166.0	166.0	164.3	159.3	159.3	154.4	151.0
5°	250.6	247.3	240.7	227.4	215.8	204.2	192.5	180.9	179.3	164.3	154.4
7.5°	410.0	413.3	391.7	350.2	315.4	270.6	229.1	204.2	200.8	175.9	156.0
10°	899.6	874.7	824.9	663.9	546.1	411.6	305.4	237.4	234.0	189.2	159.3
12.5°	1639.9	1620.0	1528.7	1362.7	1059.0	737.0	446.5	293.8	283.8	200.8	161.0
15°	2363.6	2332.1	2282.3	2114.6	1759.4	1321.2	730.3	401.7	375.1	217.4	159.3
17.5°	2825.1	2830.0	2785.2	2713.9	2484.8	1955.3	1261.5	599.2	547.7	247.3	156.0
20°	3228.4	3216.8	3241.7	3203.5	3042.5	2657.4	1835.8	949.4	861.5	295.5	157.7
22.5°	3693.2	3721.4	3739.6	3731.3	3553.7	3225.1	2488.1	1420.8	1309.6	383.4	162.7
25°	4315.6	4312.3	4313.9	4292.4	4119.7	3754.6	3142.1	2006.8	1893.9	526.2	174.3
27.5°	4967.9	4987.8	4996.1	4918.1	4692.4	4333.9	3747.9	2647.5	2514.7	755.2	189.2
30°	5859.3	5842.7	5804.5	5645.1	5371.3	4926.4	4345.5	3319.7	3180.3	1075.6	212.5
32.5°	7061.0	7042.7	6850.2	6498.3	6088.3	5543.9	4946.3	3993.6	3824.3	1475.6	244.0
35°	9041.2	9069.4	8596.3	7685.1	6949.8	6285.8	5611.9	4664.2	4514.8	1968.6	287.2
37.5°	12073.7	11919.4	11277.0	9667.0	8083.5	7212.0	6247.7	5341.4	5211.9	2576.1	343.6
40°	15020.0	14867.3	14681.4	13156.0	10053.7	8232.8	7137.3	6136.5	5968.8	3261.6	426.6
42.5°	18117.2	18032.6	18024.3	16874.0	13648.9	9837.9	8207.9	7067.6	6924.9	4013.5	562.7
45°	20311.6	20226.9	20404.5	20605.3	18545.5	13277.1	10072.0	8277.7	8070.2	4926.4	780.1
47.5°	20607.0	20610.3	21085.0	21714.1	22183.9	18596.9	12555.1	9881.1	9628.8	6232.7	1145.3
50°	19624.4	19662.6	20417.8	21543.2	22808.0	23060.3	16933.8	12208.2	11834.7	7781.4	1663.2
52.5°	17753.7	17796.9	18849.2	20700.0	22233.7	24132.5	22089.2	15252.3	14822.4	9713.4	2393.5
55°	16069.0	16095.5	17302.2	19641.0	21541.5	23549.9	25150.0	19317.3	18753.0	12090.3	3113.9
57.5°	14400.8	14339.4	15124.5	17801.9	21423.7	22834.5	25601.5	23949.9	23327.5	14688.0	3674.9
60°	12170.0	12067.1	12697.8	14400.8	19873.4	23304.3	24756.6	26512.7	26371.7	18304.8	4108.1
61°	10886.9	10843.8	11477.8	12938.5	18568.7	23184.7	24554.1	26620.6	26635.6	20016.1	4302.3
62.5°	7774.7	7897.6	8866.9	10765.8	15552.8	22409.6	24580.7	26287.0	26434.7	22290.1	4805.3
65°	3455.8	3653.3	4406.9	5952.2	9044.5	18641.7	24345.0	25555.0	25482.0	22914.2	6538.1
67.5°	2049.9	2079.8	2454.9	3372.8	4790.3	10027.1	21483.4	24587.3	24489.4	19948.0	8134.9
70°	1615.0	1630.0	1749.5	2116.3	2780.2	3840.9	12261.3	21272.6	21699.2	16175.2	7963.9
72.5°	1532.0	1528.7	1545.3	1610.1	1751.1	1905.5	4747.2	14140.2	15008.3	11648.8	6677.6
75°	1512.1	1505.5	1488.9	1464.0	1268.1	1122.1	1470.6	6254.3	6757.2	7959.0	5027.7
77.5°	1467.3	1469.0	1472.3	1404.2	1087.2	793.4	712.1	2006.8	2468.2	5050.9	3573.7
80°	992.6	1007.5	1032.4	1005.9	977.7	574.3	502.9	713.7	723.7	2835.0	2360.3
82.5°	502.9	502.9	491.3	438.2	378.4	373.5	400.0	517.9	524.5	1434.1	1110.4
85°	303.8	320.4	327.0	297.1	272.2	250.6	305.4	411.6	426.6	556.0	258.9
87.5°	68.1	69.7	76.4	101.3	147.7	200.8	283.8	376.8	383.4	356.9	31.5
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-SA7A-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	147.7	147.7	147.7	147.7	147.7	147.7	147.7	147.7	147.7	147.7	147.7
2.5°	149.4	146.1	144.4	139.4	134.4	129.5	126.1	124.5	126.1	127.8	127.8
5°	147.7	142.7	134.4	126.1	119.5	112.9	106.2	104.6	104.6	106.2	106.2
7.5°	147.7	139.4	127.8	117.8	107.9	97.9	93.0	89.6	91.3	91.3	91.3
10°	147.7	137.8	122.8	107.9	96.3	84.7	76.4	73.0	73.0	73.0	73.0
12.5°	146.1	136.1	117.8	99.6	83.0	69.7	59.8	54.8	56.4	56.4	56.4
15°	142.7	131.1	111.2	84.7	66.4	53.1	43.2	38.2	39.8	43.2	44.8
17.5°	137.8	126.1	99.6	71.4	53.1	39.8	29.9	26.6	28.2	33.2	33.2
20°	136.1	121.2	88.0	58.1	39.8	28.2	19.9	16.6	18.3	24.9	26.6
22.5°	136.1	117.8	79.7	48.1	29.9	18.3	11.6	6.6	6.6	11.6	11.6
25°	137.8	116.2	73.0	39.8	21.6	13.3	6.6	3.3	6.6	18.3	21.6
27.5°	141.1	114.5	69.7	33.2	16.6	11.6	5.0	11.6	19.9	19.9	19.9
30°	144.4	111.2	64.7	28.2	14.9	8.3	8.3	16.6	16.6	19.9	21.6
32.5°	149.4	109.5	61.4	24.9	11.6	6.6	11.6	10.0	10.0	11.6	13.3
35°	159.3	111.2	58.1	24.9	11.6	8.3	10.0	5.0	3.3	3.3	3.3
37.5°	172.6	112.9	53.1	21.6	10.0	10.0	5.0	0.0	0.0	0.0	0.0
40°	194.2	117.8	49.8	19.9	8.3	8.3	1.7	0.0	0.0	0.0	0.0
42.5°	230.7	127.8	48.1	18.3	8.3	6.6	0.0	0.0	0.0	0.0	0.0
45°	303.8	151.0	44.8	16.6	8.3	3.3	0.0	0.0	0.0	0.0	0.0
47.5°	436.5	205.8	43.2	13.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	637.4	278.9	41.5	11.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	813.3	293.8	28.2	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	833.2	202.5	21.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	663.9	131.1	18.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	502.9	99.6	16.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*483.0*	*89.6*	*16.6*	*1.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	532.8	78.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	866.4	64.7	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1505.5	56.4	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1902.2	53.1	10.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1658.2	48.1	10.0	3.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	997.6	41.5	10.0	6.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	522.9	31.5	10.0	8.3	5.0	1.7	0.0	0.0	0.0	0.0	0.0
80°	254.0	28.2	11.6	8.3	6.6	3.3	0.0	0.0	0.0	0.0	0.0
82.5°	99.6	23.2	13.3	11.6	8.3	5.0	1.7	0.0	0.0	0.0	0.0
85°	44.8	19.9	14.9	13.3	11.6	6.6	1.7	0.0	0.0	0.0	0.0
87.5°	23.2	18.3	16.6	14.9	11.6	8.3	3.3	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

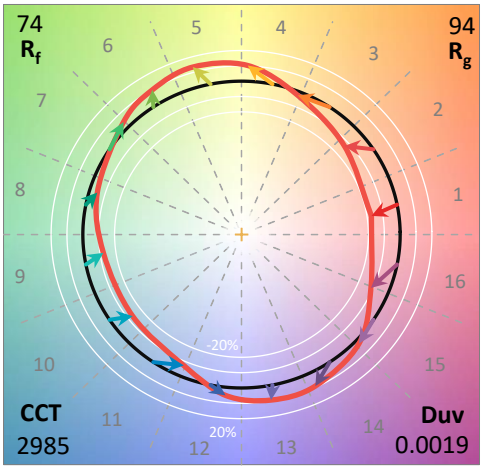
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

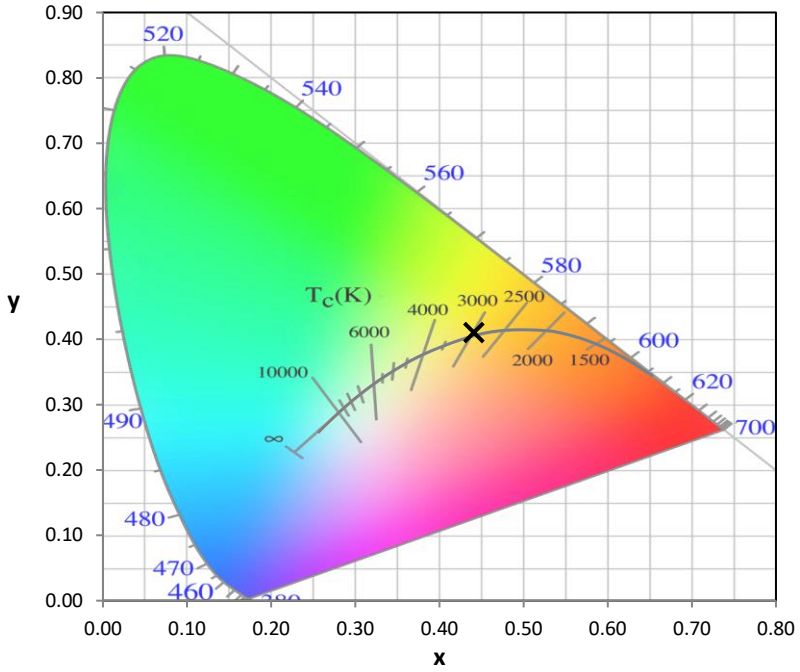
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

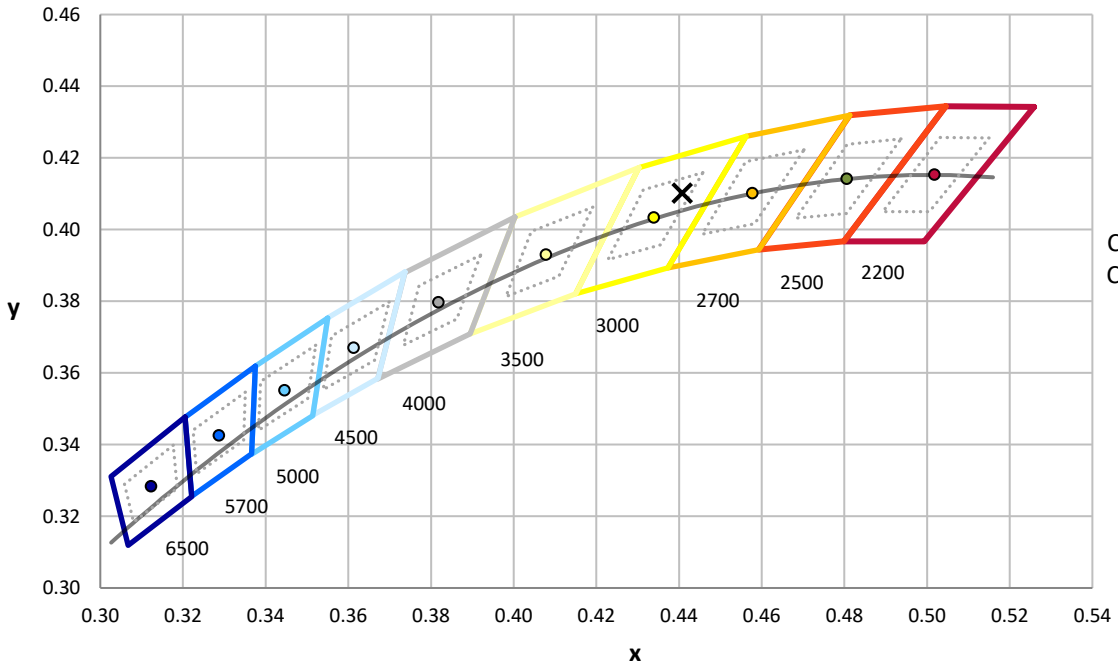
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

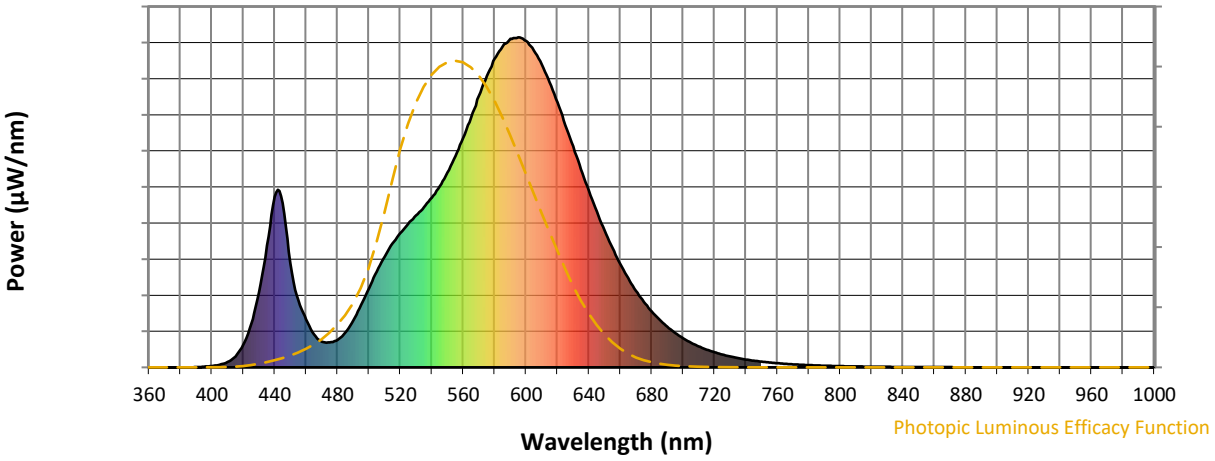


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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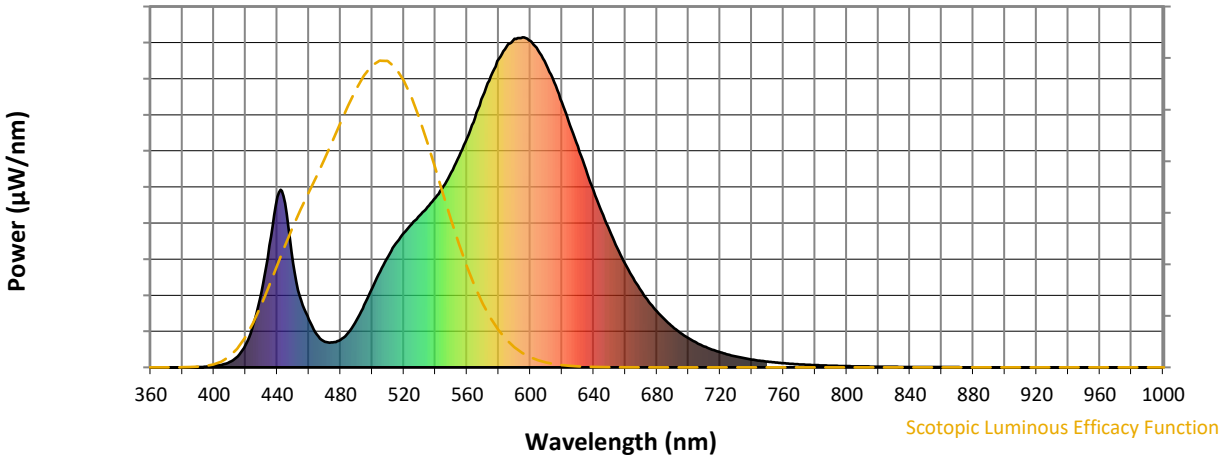
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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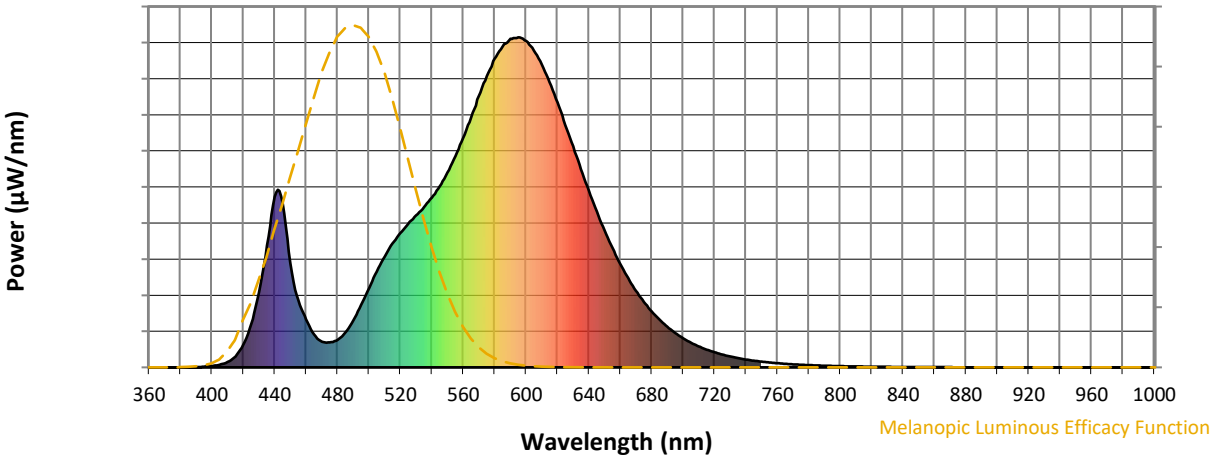
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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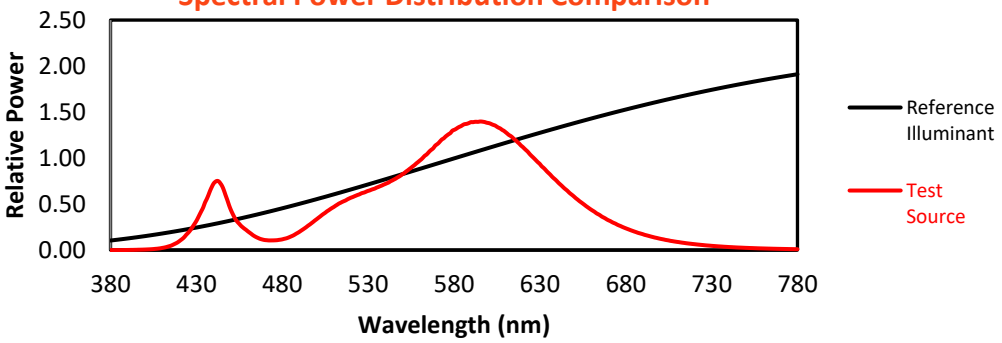
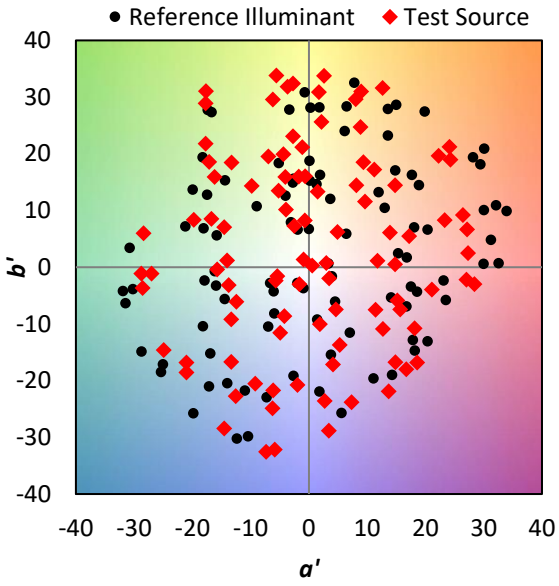
Summary

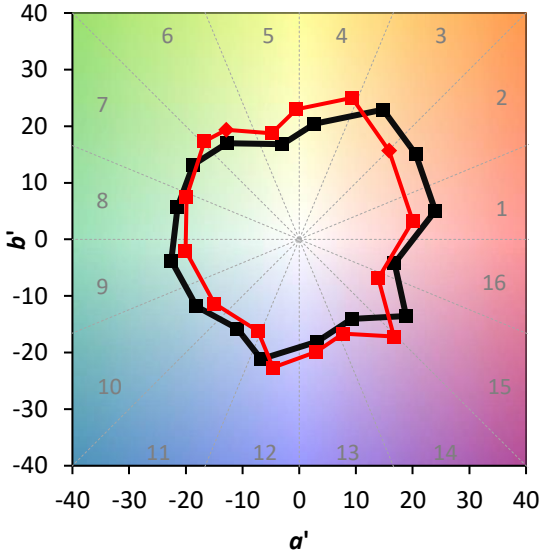
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

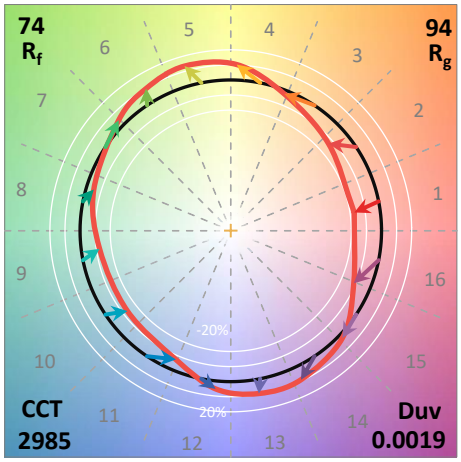
Spectral Power Distribution Comparison

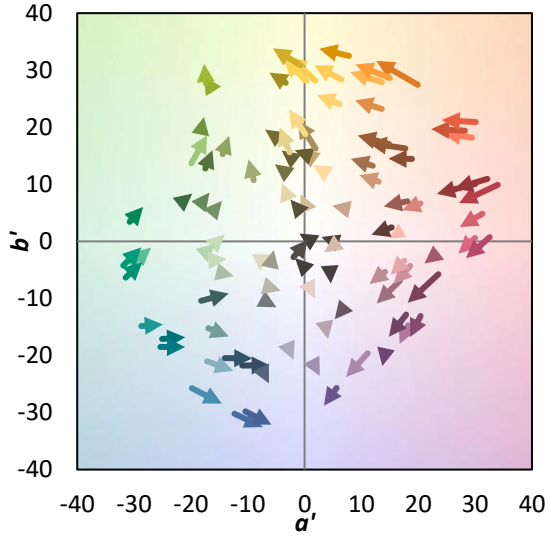


Color Vector Graphics









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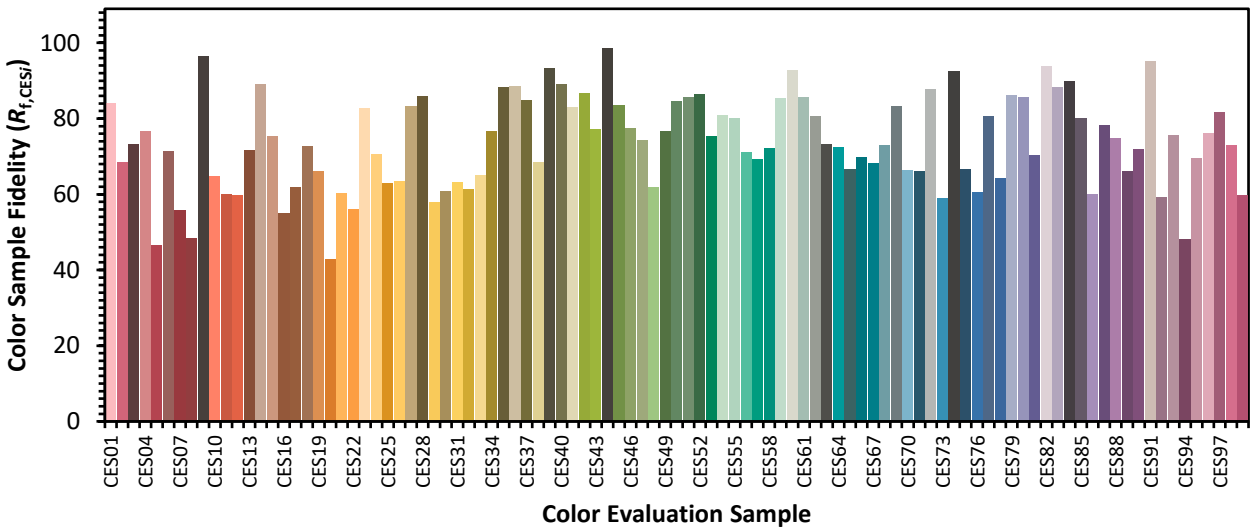
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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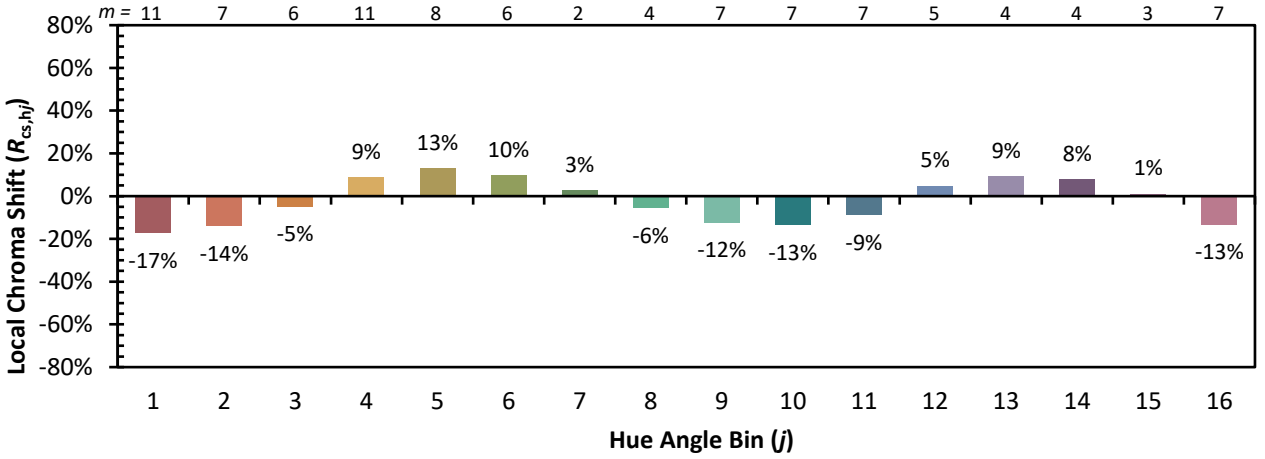
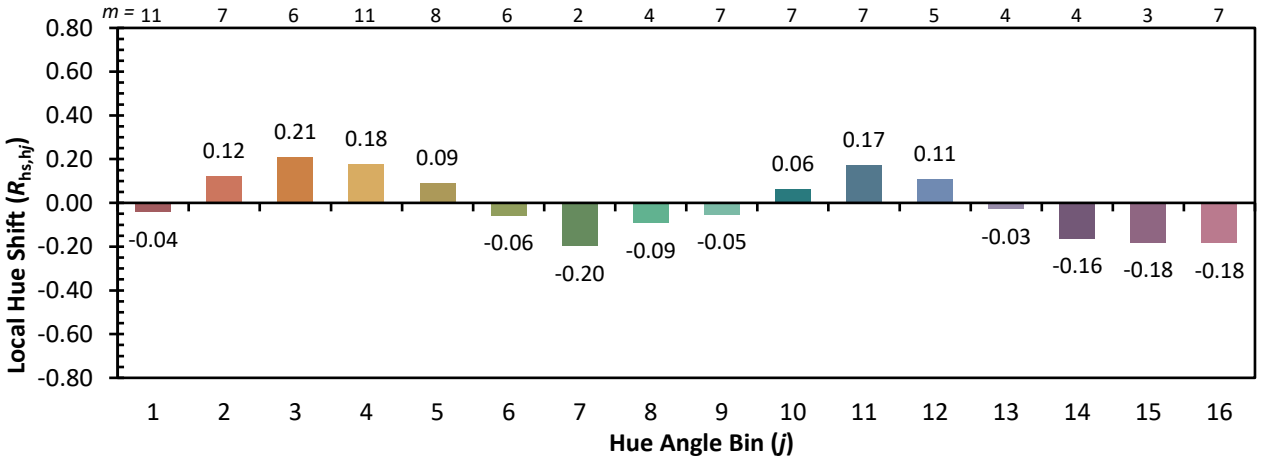
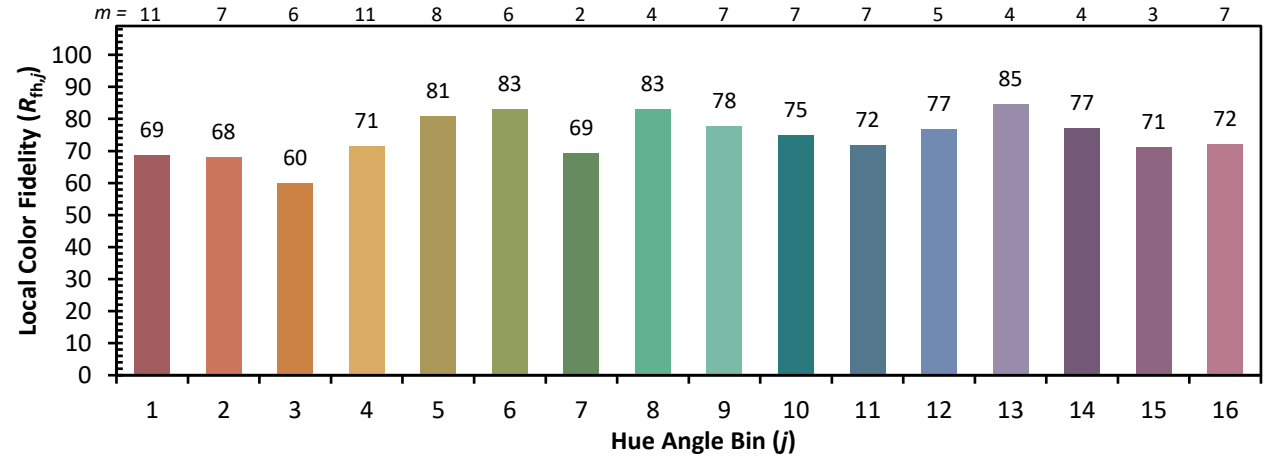
Color Rendition by Hue-Angle Bin







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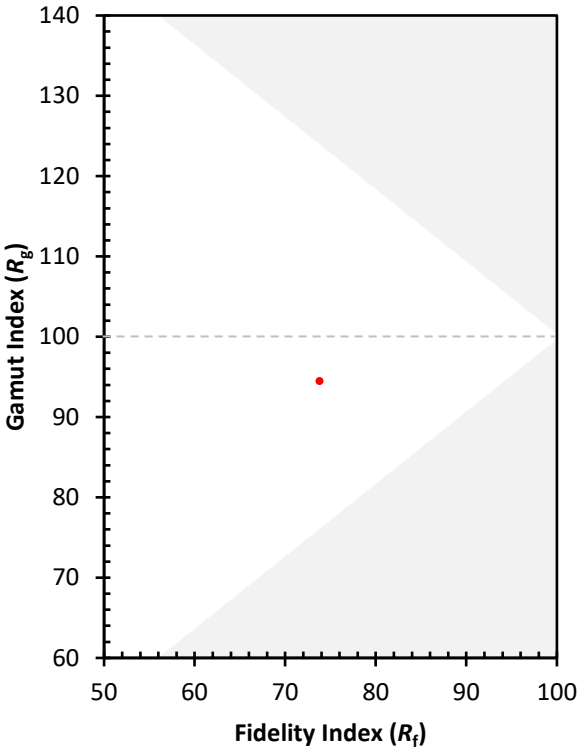
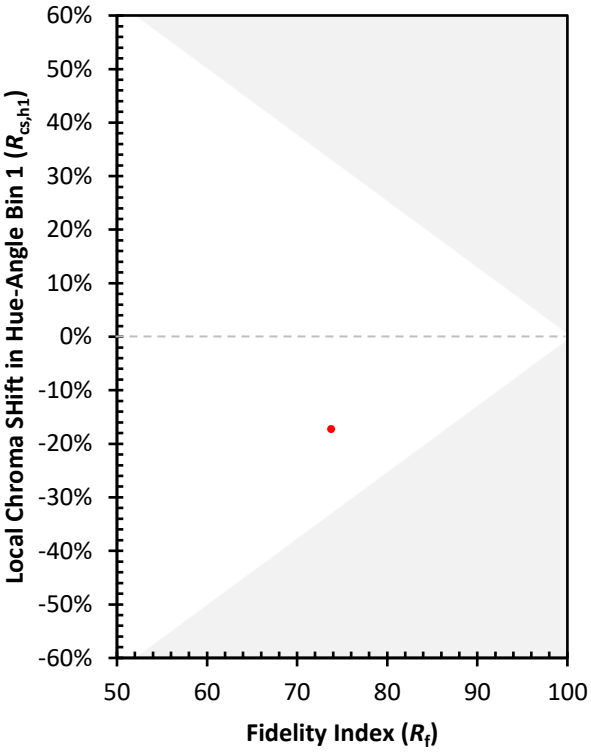
Measure Comparisons





(END OF REPORT)