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: P1048371

Luminaire Tested: **GALN-SA7C-730-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:	P1048371
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7C-730-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(98) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	38066.5 lumens
Efficiency:	N/A
Efficacy:	115.4 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: P1048371
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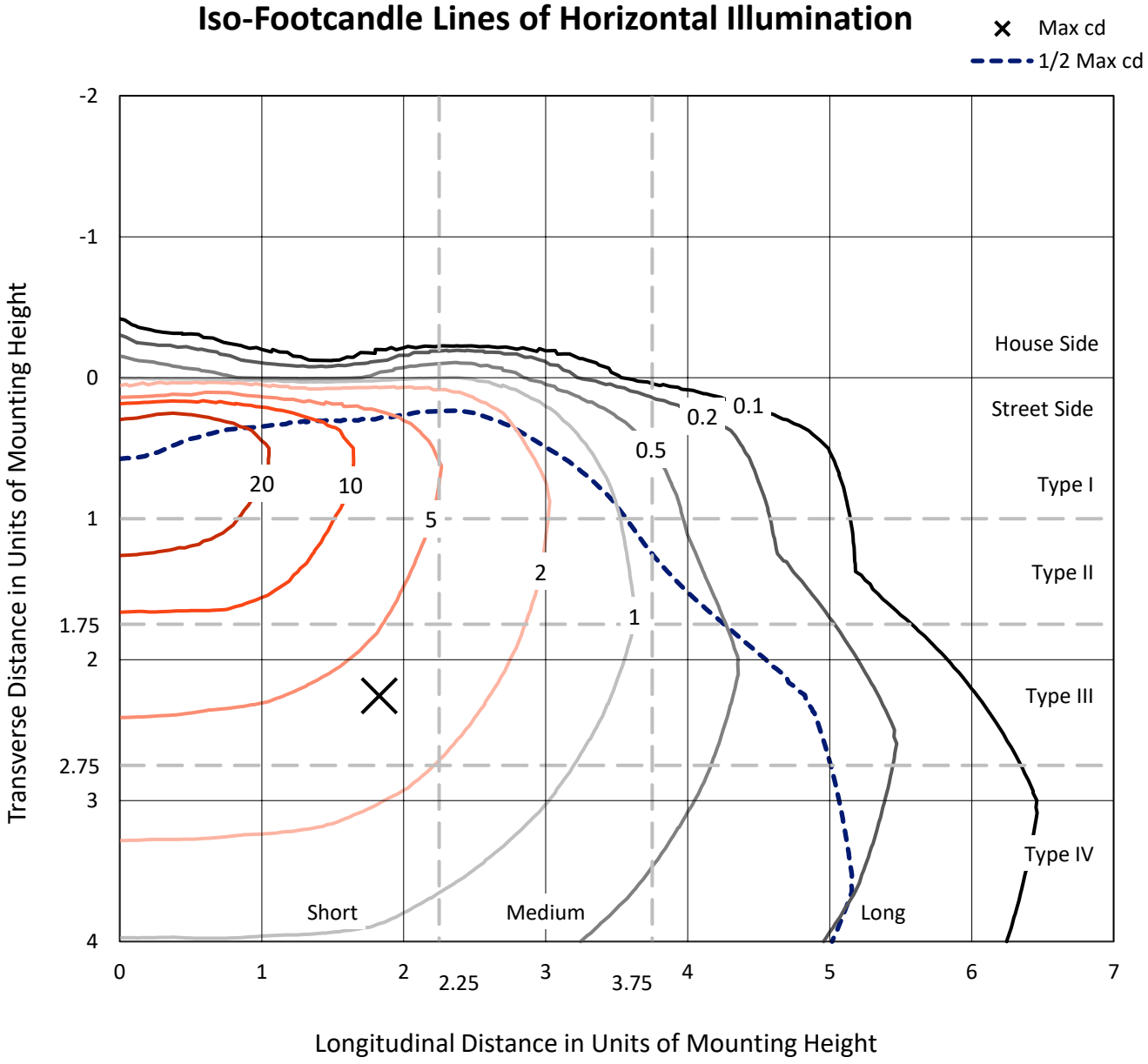
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 39.1 fc
Type IV - Short - N/A

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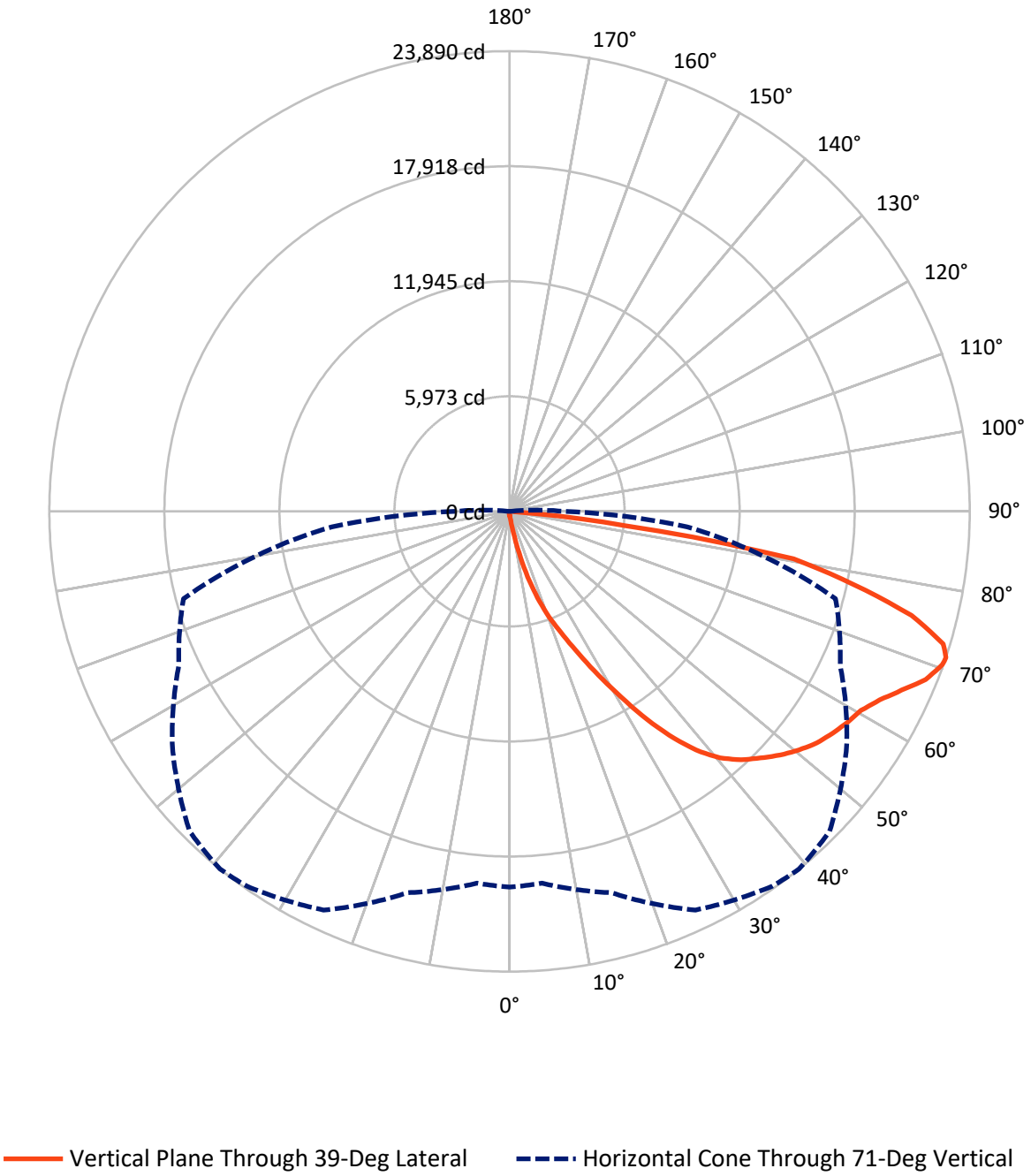
Luminous Intensity Polar Plot



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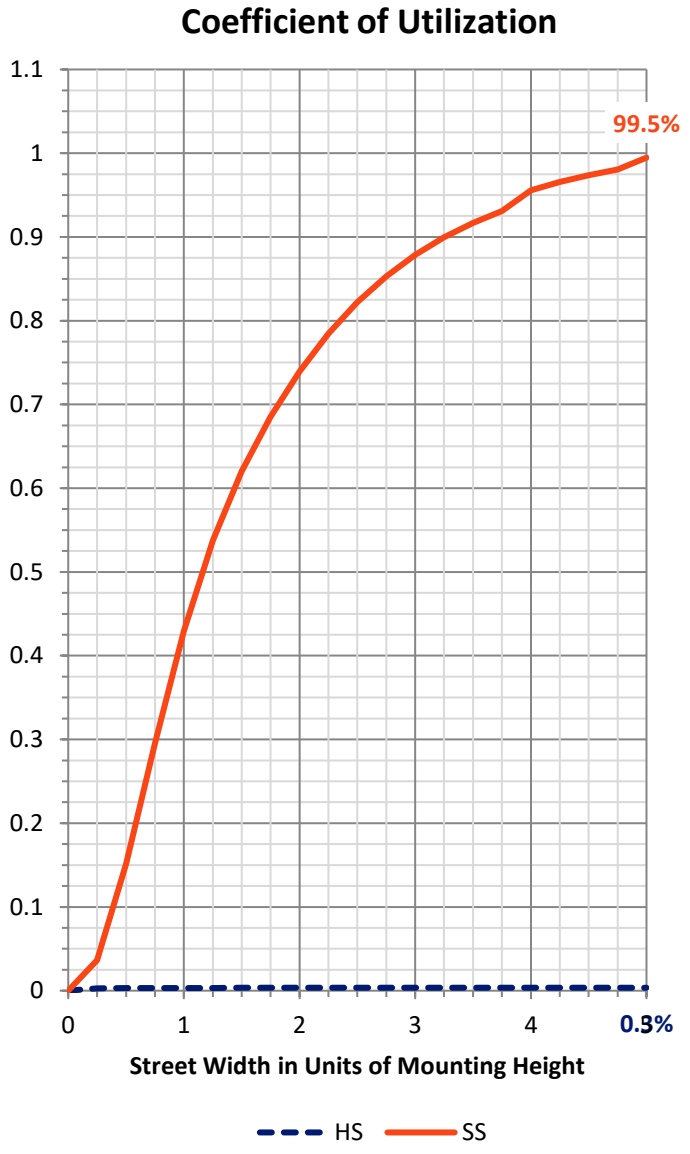
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	135.3	0.0	135.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	37931.2	0.0	37931.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	38066.5	0.0	38066.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.8	0.1
10°-20°	406.9	1.1
20°-30°	1448.9	3.8
30°-40°	3492.0	9.2
40°-50°	5844.1	15.4
50°-60°	7506.1	19.7
60°-70°	9499.0	25.0
70°-80°	8468.8	22.2
80°-90°	1368.9	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°	38066.5	100.0
0°-180°	38066.5	100.0



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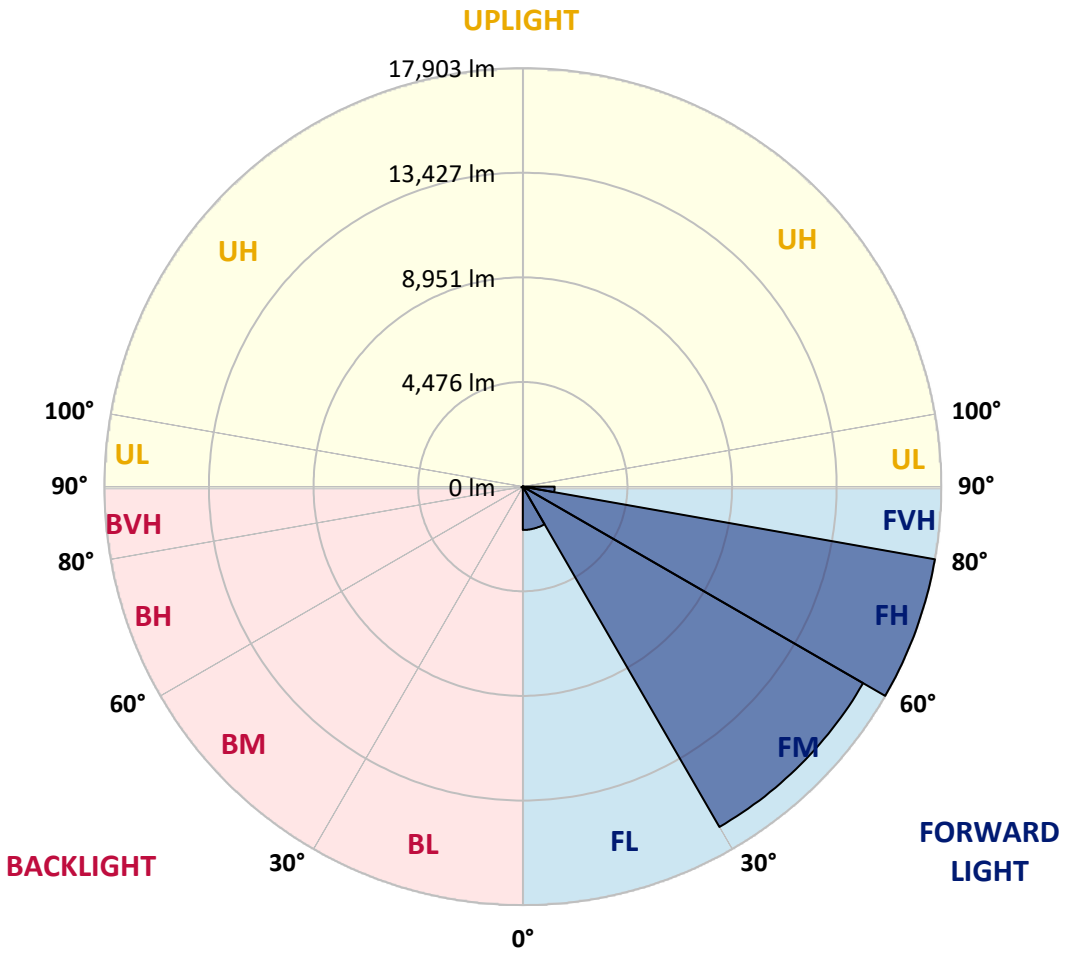
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1854.9	4.9			
FM	(30°-60°)	16810.9	44.2			
FH	(60°-80°)	17902.7	47.0			G5
FVH	(80°-90°)	1362.7	3.6			G5
BL	(0°-30°)	32.7	0.1	B0/110		
BM	(30°-60°)	31.3	0.1	B0/220		
BH	(60°-80°)	65.0	0.2	B0/110		G0/110
BVH	(80°-90°)	6.2	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-G5
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	208.7	208.7	208.7	208.7	208.7	*208.7*	208.7	208.7	208.7	208.7	208.7
2.5°	239.7	239.7	239.7	231.9	231.9	*229.3*	226.8	226.8	221.6	219.0	213.9
5°	363.3	355.6	337.6	327.3	306.7	*293.8*	280.9	262.8	244.8	231.9	216.5
7.5°	822.0	840.1	780.8	670.0	556.6	*507.6*	425.2	342.7	283.5	244.8	219.0
10°	2095.0	2084.7	1883.7	1662.1	1283.3	*1131.3*	886.5	559.2	365.9	268.0	221.6
12.5°	3563.9	3553.5	3316.5	3015.0	2515.1	*2198.1*	1734.3	1043.6	525.7	304.1	221.6
15°	4798.2	4757.0	4682.2	4383.3	3798.4	*3532.9*	2919.6	1845.1	850.4	365.9	226.8
17.5°	5615.1	5579.0	5509.4	5401.2	5030.1	*4715.7*	4223.5	2899.0	1376.1	474.1	237.1
20°	6364.9	6339.2	6282.5	6261.9	6022.2	*5854.7*	5447.6	4110.2	2144.0	644.2	252.5
22.5°	7395.7	7341.6	7364.8	7241.1	7006.6	*6805.6*	6555.6	5378.0	3082.0	927.7	280.9
25°	8658.4	8632.6	8568.2	8480.6	8155.9	*7980.7*	7596.7	6573.7	4130.8	1298.8	311.8
27.5°	10183.9	10155.6	10140.1	9939.1	9565.5	*9374.8*	8838.8	7702.4	5311.0	1819.3	353.0
30°	11941.4	11954.2	11853.7	11596.1	11160.6	*10892.6*	10341.1	8885.2	6519.6	2430.0	396.8
32.5°	13760.6	13734.9	13580.3	13276.2	12887.1	*12637.1*	11936.2	10181.3	7787.4	3236.6	448.4
35°	15721.7	15672.7	15265.6	14917.7	14585.3	*14270.9*	13631.8	11686.2	9055.2	4141.1	518.0
37.5°	17700.7	17471.4	16654.5	16213.9	15984.5	*15726.8*	15131.6	13291.7	10315.3	5151.2	603.0
40°	19195.3	19017.5	18048.6	17236.9	17053.9	*16834.9*	16391.7	14678.0	11655.3	6236.1	706.1
42.5°	20022.5	19924.6	19053.6	18252.2	17821.8	*17628.6*	17249.8	15889.2	12979.8	7434.4	855.5
45°	20375.5	20223.5	19641.1	19267.5	18582.0	*18262.5*	17811.5	16804.0	14363.6	8795.0	1064.3
47.5°	20267.3	20179.7	19762.2	19898.8	19401.5	*18904.1*	18241.9	17504.9	15546.4	10356.6	1350.3
50°	19587.0	19512.3	19383.4	20123.0	20061.2	*19473.6*	18798.5	18058.9	16512.8	11967.1	1793.5
52.5°	18293.4	18262.5	18592.3	19947.8	20434.8	*19976.1*	19334.5	18548.5	17414.7	13649.8	2427.4
55°	16626.2	16752.4	17695.6	19674.6	20625.5	*20347.2*	19808.6	19007.2	18138.8	15154.7	3362.9
57.5°	15940.7	15974.2	17151.8	19481.4	20710.5	*20674.5*	20269.9	19445.3	18803.6	16358.2	4790.5
60°	16742.1	16690.6	17311.6	19628.2	20880.6	*20968.2*	20679.6	19852.4	19380.9	17391.5	6692.2
62.5°	18190.3	18162.0	18360.4	20254.4	21378.0	*21555.8*	21249.1	20146.2	19891.1	18071.8	8862.0
65°	19483.9	19424.7	19793.2	21365.1	22251.5	*22377.8*	22109.8	20648.7	20115.3	18566.6	10900.3
67.5°	20043.1	20030.2	20622.9	22421.6	23168.9	*23305.5*	23071.0	21341.9	20063.7	18723.8	11799.6
70°	19788.0	19739.1	20687.4	22870.0	23686.9	*23841.5*	23614.7	21599.6	19504.6	18226.4	10467.4
71°	*19507.1*	*19375.7*	*20494.1*	*22839.1*	*23759.0*	*23890.4*	*23493.6*	*21365.1*	*18942.8*	*17520.3*	*9258.8*
72.5°	18636.1	18659.3	19963.2	22517.0	23586.4	*23547.7*	22808.1	20525.0	18265.1	15917.5	7436.9
75°	16492.2	16628.7	18244.5	21164.1	22045.4	*21553.2*	20421.9	18919.6	16904.5	11413.1	5164.1
77.5°	13477.2	13680.8	15456.2	18561.4	18311.5	*18262.5*	18216.1	16670.0	14435.8	6130.4	3592.2
80°	6434.5	6875.2	9323.2	13250.4	14394.6	*14948.6*	14600.7	13433.4	11163.1	2919.6	2146.6
82.5°	420.0	414.9	587.5	1113.2	4692.5	*6066.0*	9637.6	9601.5	7782.2	1422.4	876.1
85°	198.4	203.6	224.2	255.1	296.3	*324.7*	448.4	2628.4	3723.6	677.7	190.7
87.5°	116.0	118.5	139.2	177.8	231.9	*257.7*	306.7	394.3	484.5	373.7	41.2
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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CATALOG NUMBER: GALN-SA7C-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	208.7	208.7	208.7	208.7	208.7	208.7	208.7	208.7	208.7	208.7	208.7
2.5°	211.3	208.7	201.0	193.3	185.5	180.4	177.8	180.4	180.4	183.0	183.0
5°	211.3	203.6	190.7	175.2	164.9	154.6	149.5	146.9	149.5	149.5	149.5
7.5°	208.7	195.8	177.8	159.8	146.9	134.0	128.8	126.3	126.3	128.8	128.8
10°	203.6	190.7	167.5	146.9	131.4	116.0	108.2	100.5	100.5	100.5	103.1
12.5°	201.0	183.0	154.6	134.0	113.4	95.3	79.9	72.2	74.7	74.7	74.7
15°	195.8	175.2	146.9	121.1	95.3	72.2	59.3	51.5	54.1	56.7	54.1
17.5°	195.8	172.7	136.6	105.7	74.7	54.1	43.8	38.7	38.7	41.2	41.2
20°	195.8	167.5	128.8	90.2	56.7	41.2	30.9	28.3	28.3	33.5	36.1
22.5°	201.0	167.5	118.5	74.7	46.4	30.9	23.2	20.6	23.2	28.3	30.9
25°	208.7	164.9	108.2	67.0	38.7	23.2	18.0	12.9	15.5	20.6	23.2
27.5°	216.5	162.3	97.9	59.3	30.9	18.0	12.9	10.3	7.7	10.3	10.3
30°	224.2	162.3	87.6	49.0	25.8	12.9	7.7	5.2	2.6	0.0	0.0
32.5°	229.3	157.2	79.9	38.7	20.6	10.3	5.2	2.6	0.0	0.0	0.0
35°	234.5	152.0	69.6	30.9	15.5	7.7	2.6	0.0	0.0	0.0	0.0
37.5°	239.7	144.3	59.3	25.8	12.9	5.2	0.0	0.0	0.0	0.0	0.0
40°	244.8	134.0	49.0	23.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	250.0	126.3	41.2	18.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	262.8	121.1	33.5	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	286.0	116.0	30.9	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	319.5	110.8	28.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	365.9	108.2	25.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	448.4	105.7	23.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	590.1	103.1	23.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	904.5	97.9	23.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1615.7	95.3	20.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2816.6	97.9	20.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4038.0	103.1	18.0	7.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	3455.6	90.2	18.0	10.3	5.2	2.6	0.0	0.0	0.0	0.0	0.0
71°	*2816.6*	*79.9*	*18.0*	*10.3*	*5.2*	*2.6*	*2.6*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1811.6	61.8	15.5	10.3	5.2	5.2	2.6	0.0	0.0	0.0	0.0
75°	765.3	51.5	15.5	10.3	7.7	5.2	5.2	2.6	0.0	0.0	0.0
77.5°	327.3	38.7	15.5	12.9	10.3	7.7	7.7	5.2	2.6	0.0	0.0
80°	123.7	30.9	18.0	15.5	12.9	12.9	10.3	5.2	2.6	0.0	0.0
82.5°	56.7	25.8	18.0	15.5	15.5	12.9	10.3	7.7	5.2	0.0	0.0
85°	36.1	23.2	18.0	15.5	15.5	12.9	12.9	7.7	5.2	0.0	0.0
87.5°	28.3	23.2	18.0	18.0	15.5	15.5	10.3	7.7	2.6	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

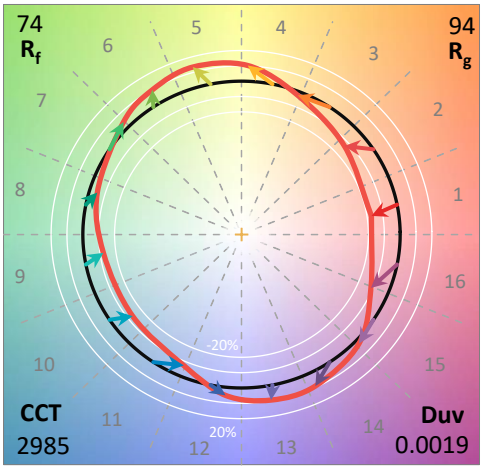
Test Information

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

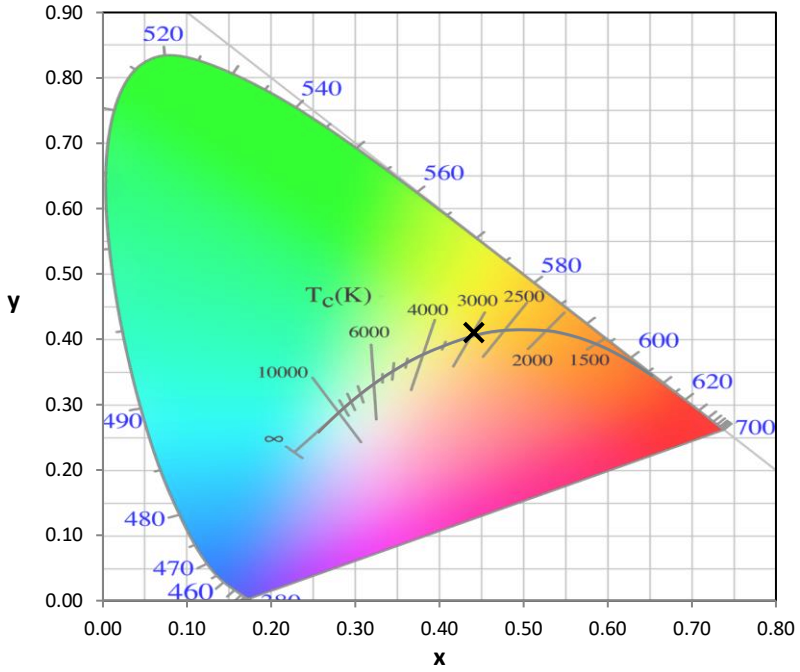
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

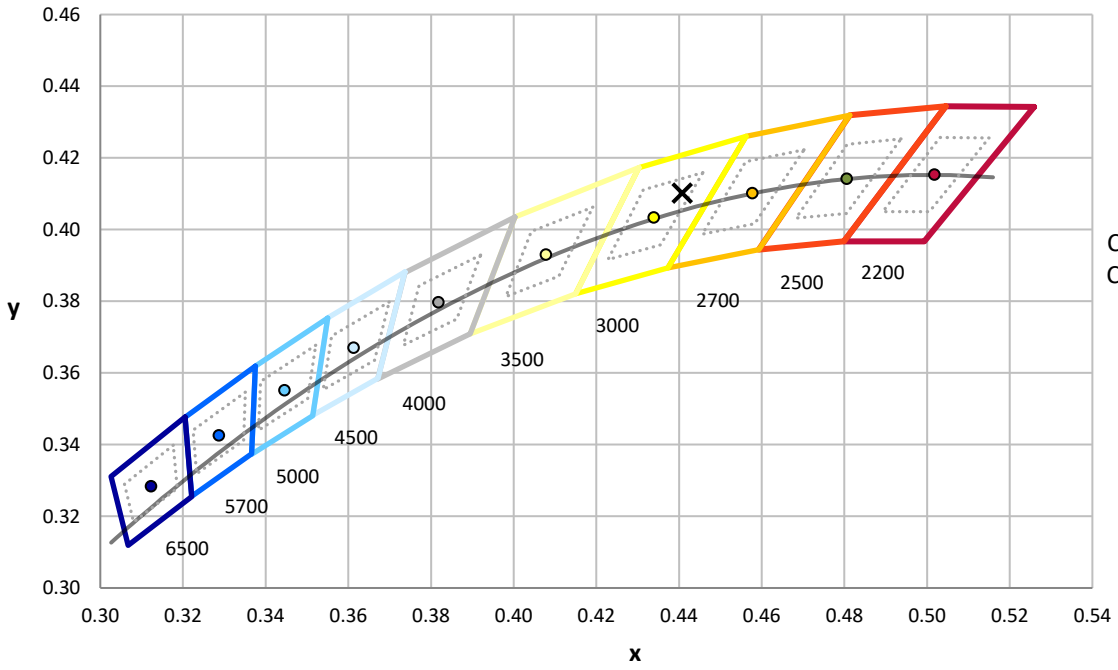
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

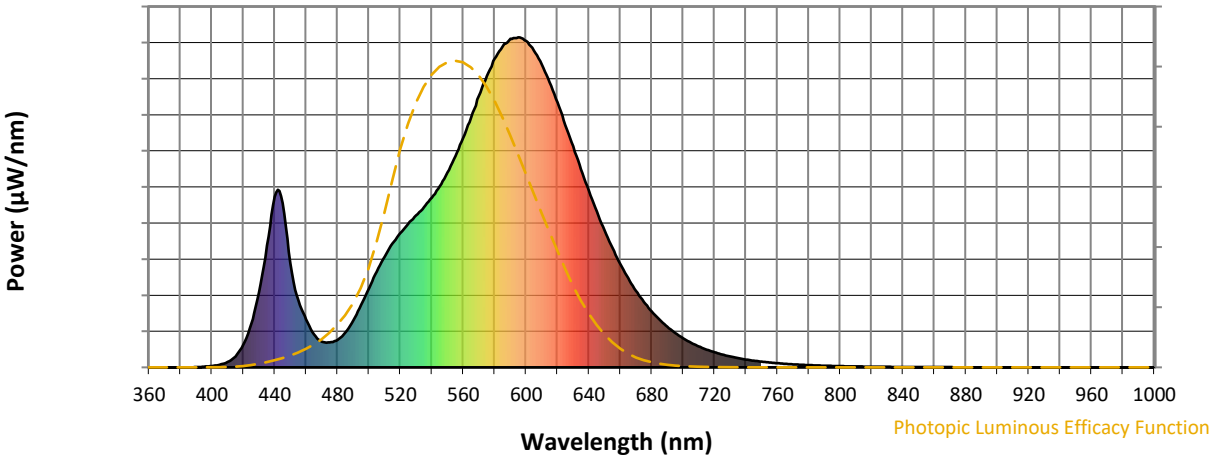


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

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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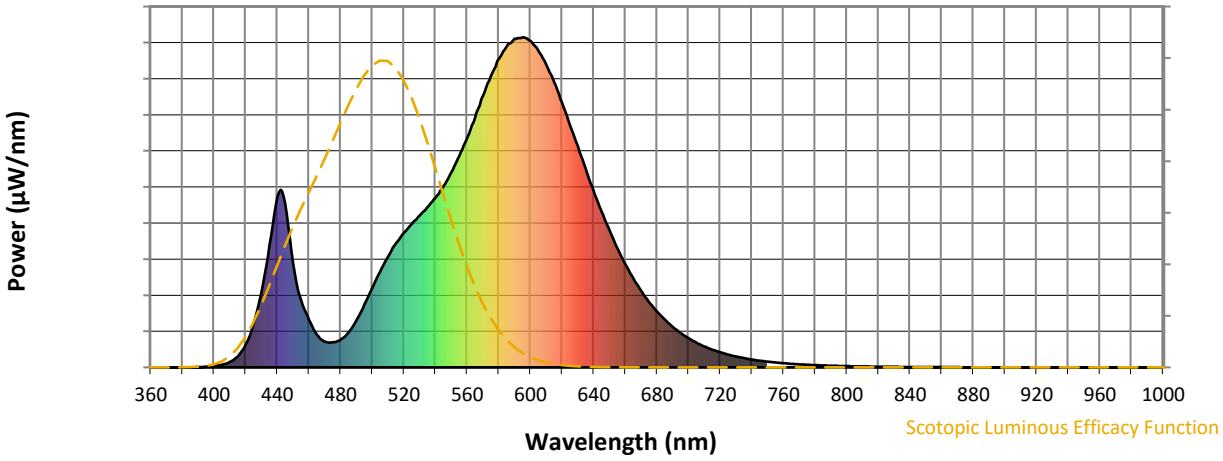
Scotopic Flux vs. Wavelength



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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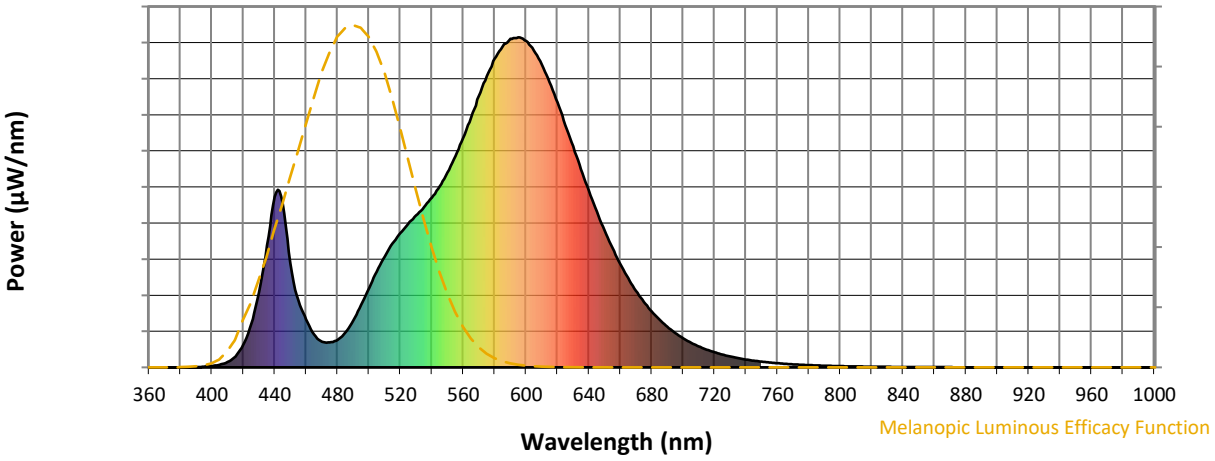
Melanopic Flux vs. Wavelength



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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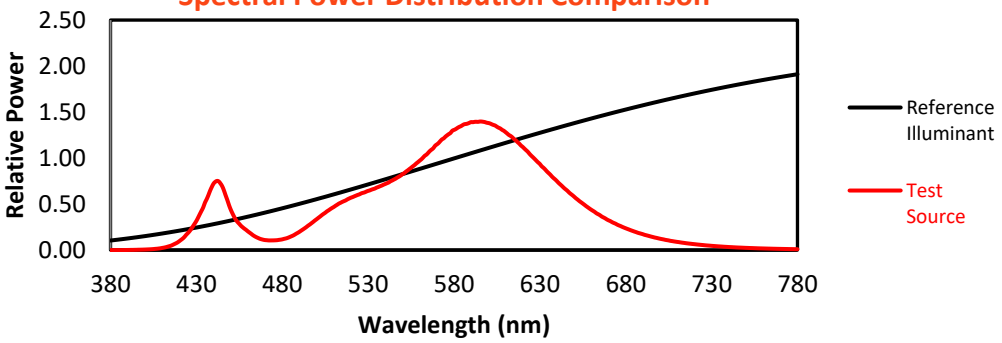
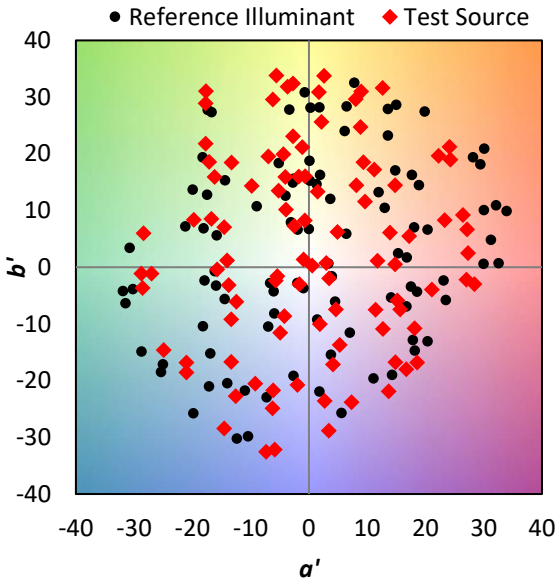
Summary

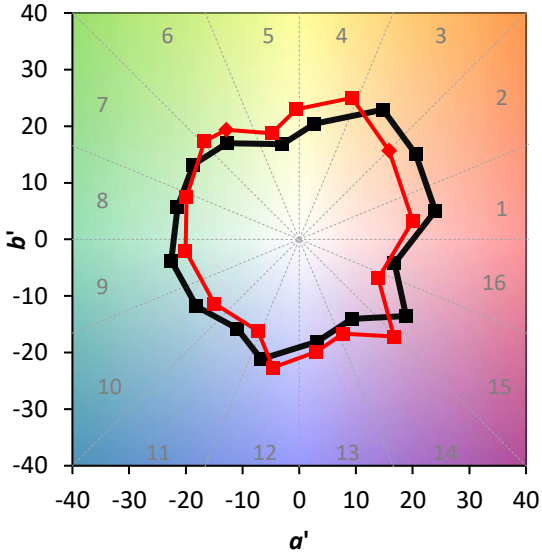
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

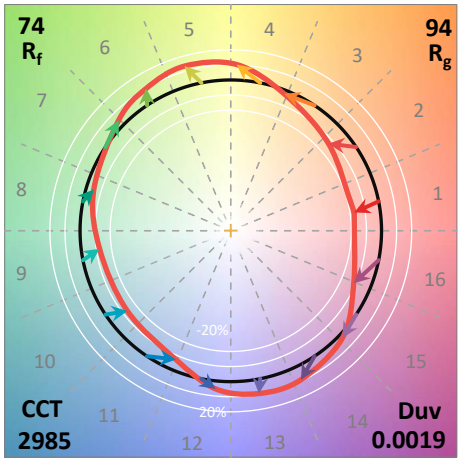
Spectral Power Distribution Comparison

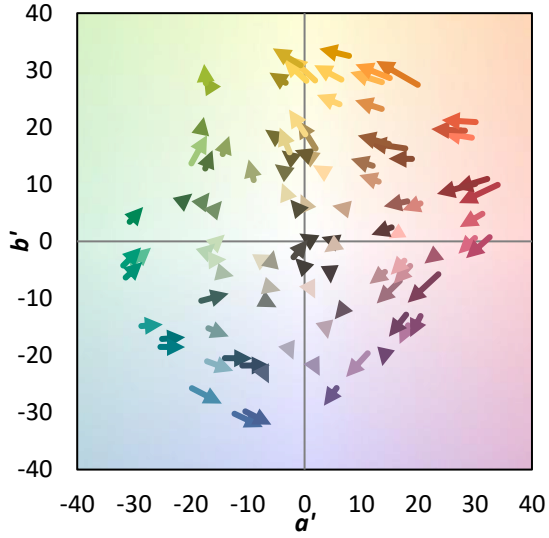


Color Vector Graphics









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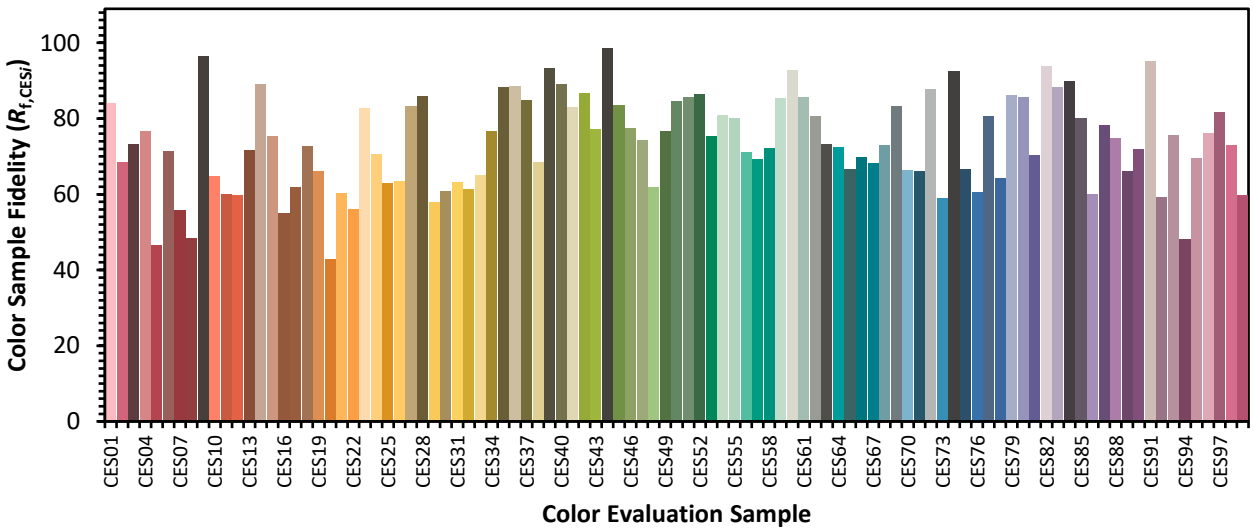
Individual Sample Fidelity Index ($R_{f,i}$)

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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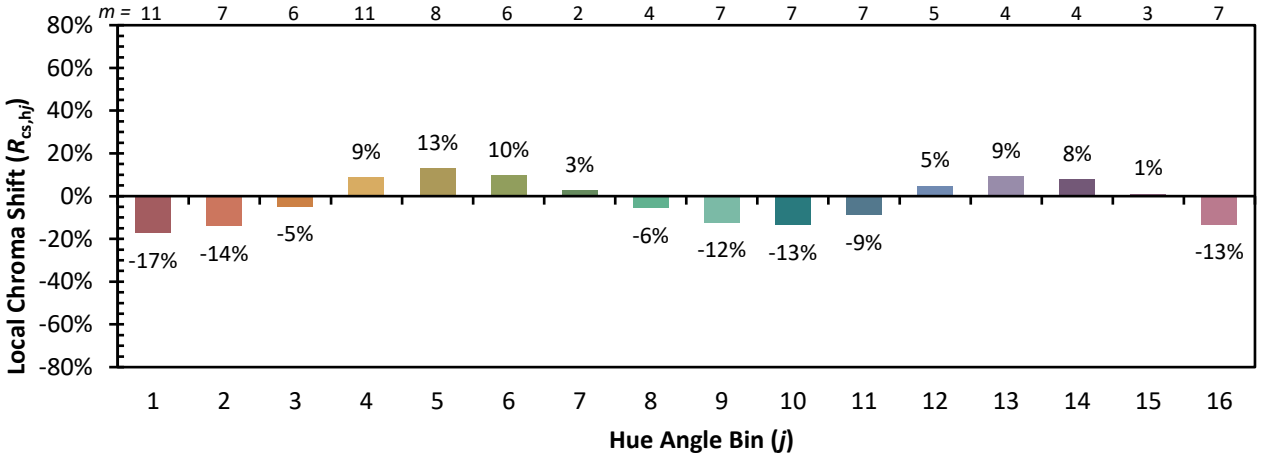
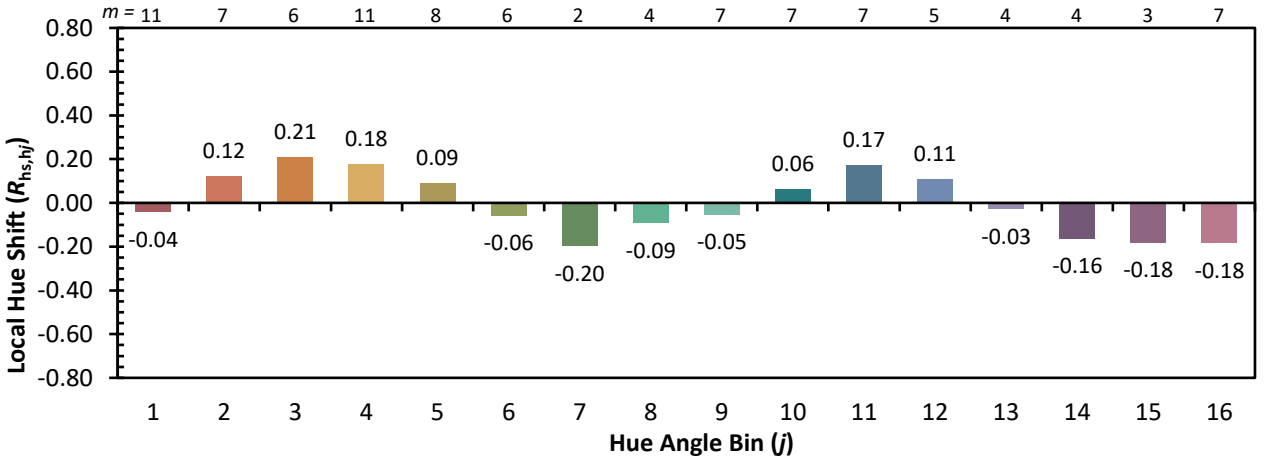
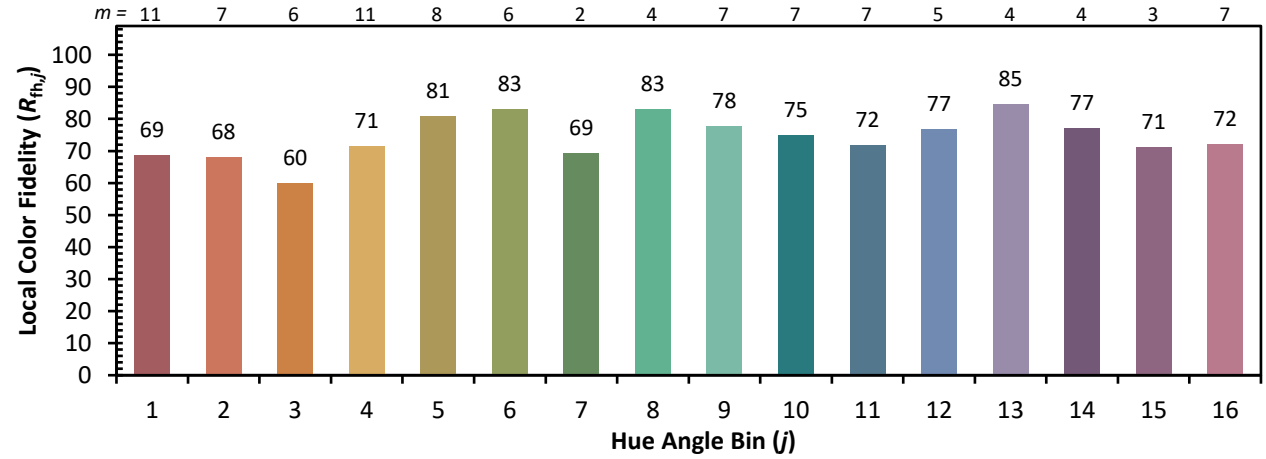
Color Rendition by Hue-Angle Bin







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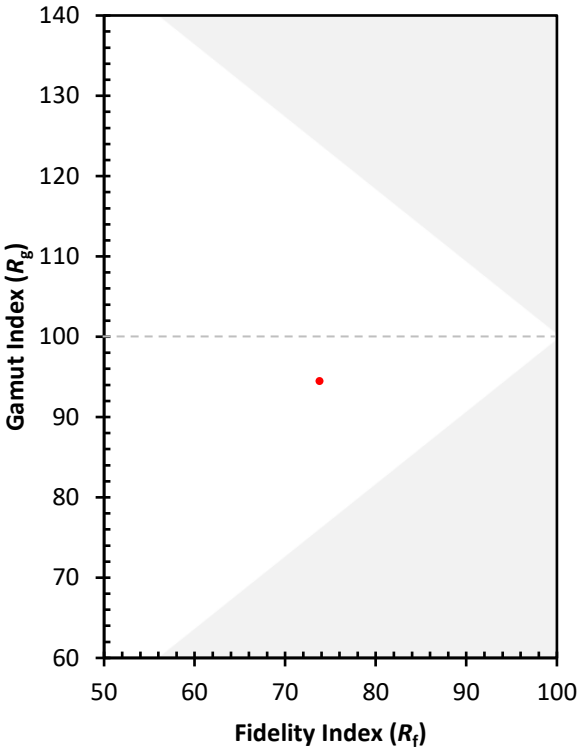
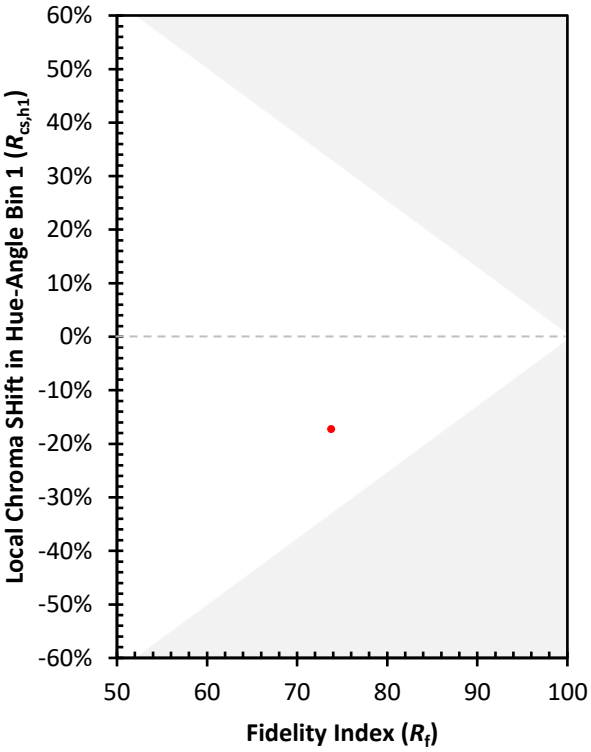
Measure Comparisons





(END OF REPORT)