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: P1047758

Luminaire Tested: **GALN-SA7B-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:	P1047758
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7B-730-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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:	30255.4 lumens
Efficiency:	N/A
Efficacy:	121.3 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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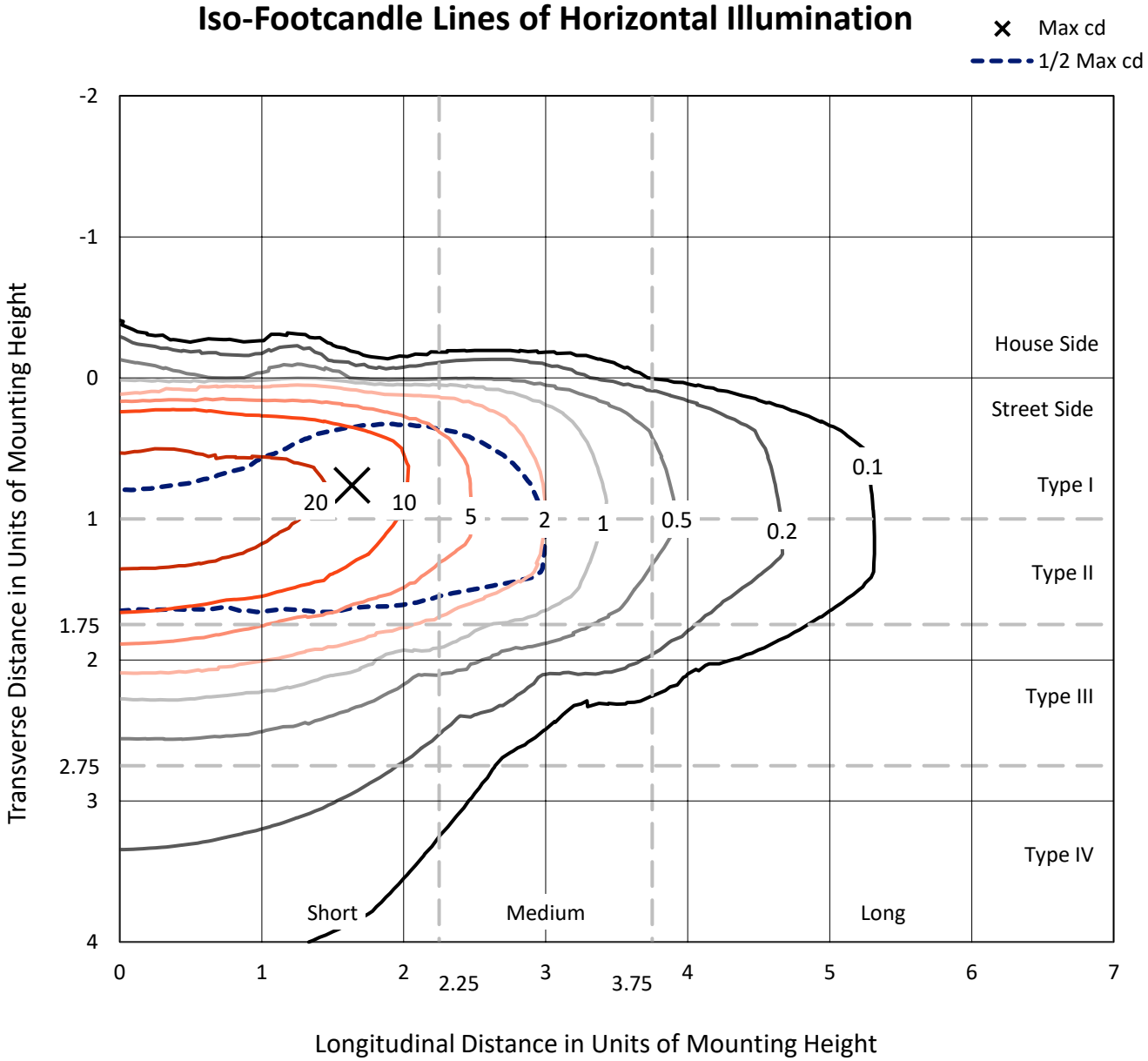
REPORT NUMBER: P1047758
CATALOG NUMBER: GALN-SA7B-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 40 fc
Type II - Short - N/A

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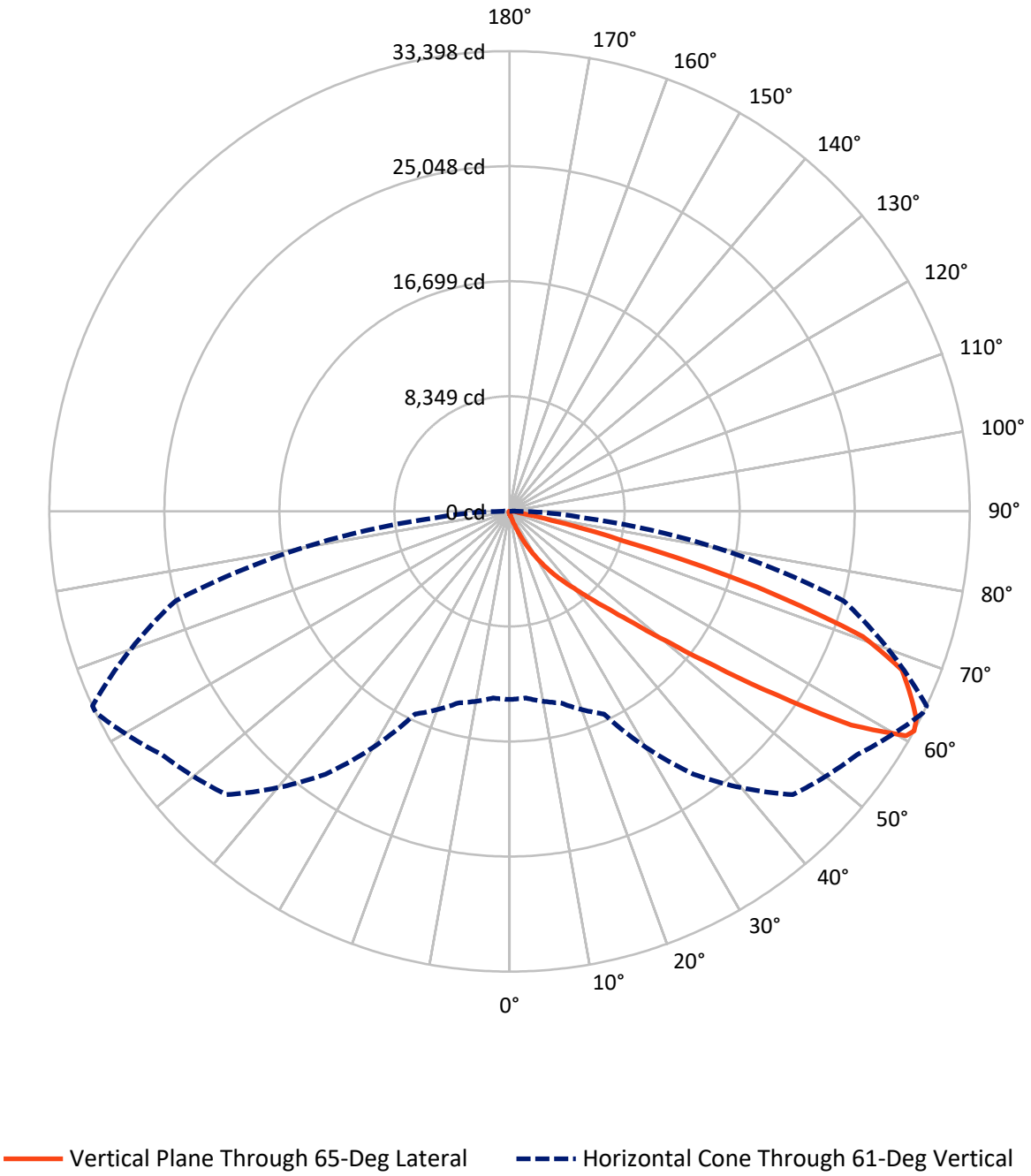
Luminous Intensity Polar Plot



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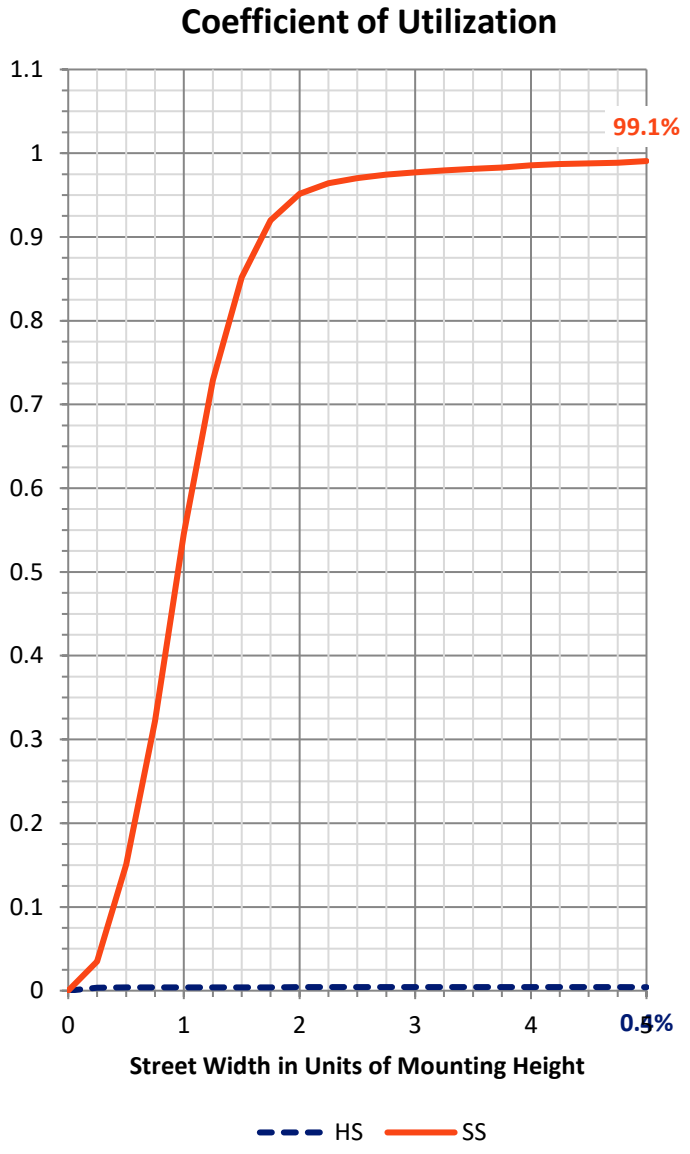
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	129.2	0.0	129.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30126.3	0.0	30126.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	30255.4	0.0	30255.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	0.1
10°-20°	248.8	0.8
20°-30°	892.9	3.0
30°-40°	2377.2	7.9
40°-50°	6244.9	20.6
50°-60°	9674.5	32.0
60°-70°	8111.9	26.8
70°-80°	2387.2	7.9
80°-90°	294.5	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°	30255.4	100.0
0°-180°	30255.4	100.0



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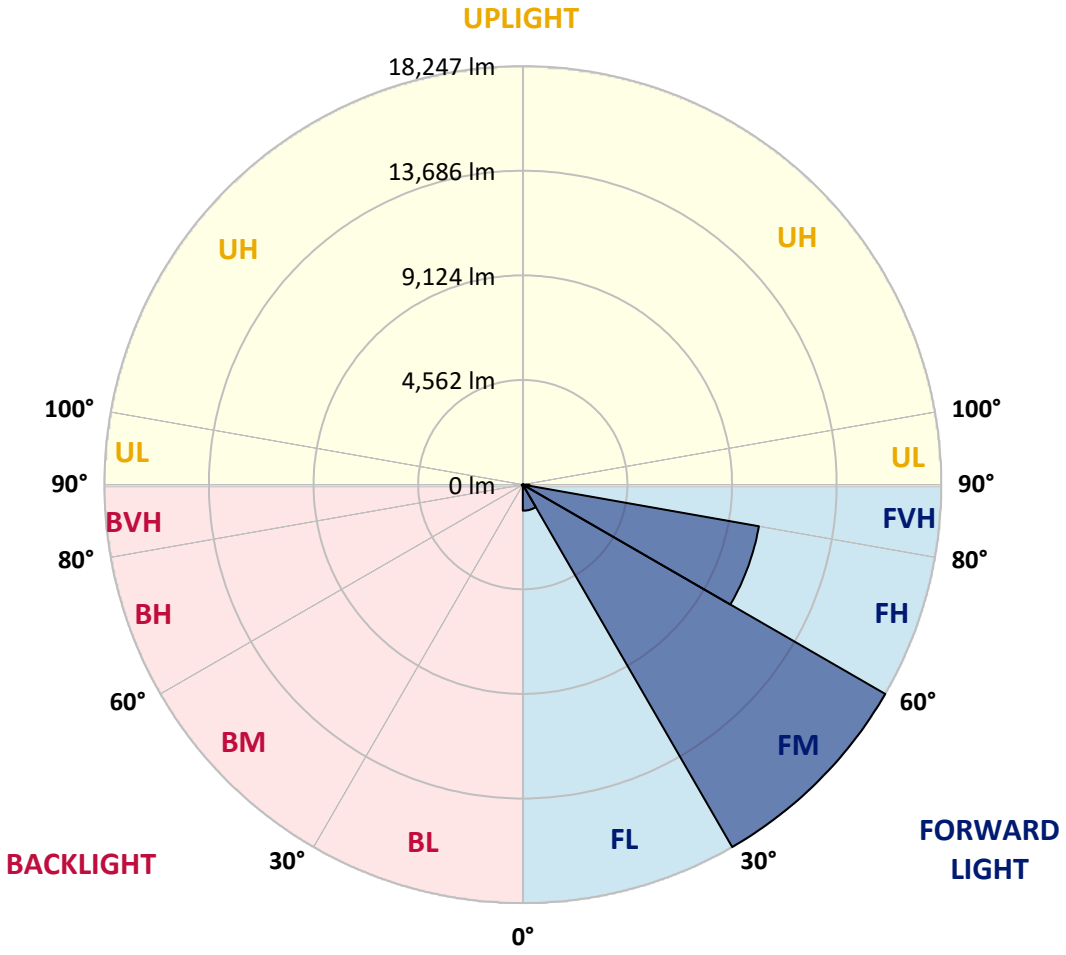
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1136.2	3.8			
FM	(30°-60°)	18247.4	60.3			
FH	(60°-80°)	10453.6	34.6			G4/12000
FVH	(80°-90°)	289.0	1.0			G3/500
BL	(0°-30°)	29.0	0.1	B0/110		
BM	(30°-60°)	49.2	0.2	B0/220		
BH	(60°-80°)	45.6	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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°	185.2	185.2	185.2	185.2	185.2	185.2	185.2	185.2	*185.2*	185.2	185.2
2.5°	224.8	226.9	222.7	214.4	208.1	208.1	206.0	199.8	*199.8*	193.6	189.4
5°	314.3	310.1	301.8	285.1	270.6	256.0	241.4	226.9	*224.8*	206.0	193.6
7.5°	514.1	518.2	491.2	439.1	395.4	339.2	287.2	256.0	*251.8*	220.6	195.6
10°	1128.0	1096.8	1034.4	832.5	684.7	516.1	382.9	297.6	*293.5*	237.3	199.8
12.5°	2056.3	2031.3	1916.8	1708.7	1327.8	924.1	559.9	368.4	*355.9*	251.8	201.9
15°	2963.7	2924.2	2861.7	2651.5	2206.1	1656.7	915.7	503.7	*470.4*	272.6	199.8
17.5°	3542.3	3548.5	3492.3	3402.8	3115.6	2451.7	1581.7	751.3	*686.8*	310.1	195.6
20°	4048.0	4033.5	4064.7	4016.8	3814.9	3332.1	2301.9	1190.5	*1080.2*	370.5	197.7
22.5°	4630.8	4666.2	4689.1	4678.6	4456.0	4043.9	3119.8	1781.5	*1642.1*	480.8	204.0
25°	5411.2	5407.1	5409.2	5382.1	5165.7	4707.8	3939.8	2516.2	*2374.7*	659.8	218.5
27.5°	6229.2	6254.1	6264.6	6166.7	5883.7	5434.1	4699.5	3319.6	*3153.1*	947.0	237.3
30°	7346.8	7326.0	7278.1	7078.3	6734.9	6177.1	5448.7	4162.5	*3987.7*	1348.6	266.4
32.5°	8853.6	8830.7	8589.3	8148.1	7634.0	6951.4	6202.1	5007.5	*4795.2*	1850.2	305.9
35°	11336.6	11371.9	10778.8	9636.2	8714.2	7881.7	7036.7	5848.3	*5661.0*	2468.4	360.1
37.5°	15139.0	14945.4	14140.0	12121.2	10135.7	9043.0	7833.8	6697.5	*6535.1*	3230.1	430.8
40°	18833.2	18641.7	18408.6	16496.0	12606.1	10323.0	8949.4	7694.4	*7484.2*	4089.7	534.9
42.5°	22716.8	22610.7	22600.3	21158.0	17114.1	12335.6	10291.8	8862.0	*8683.0*	5032.5	705.5
45°	25468.2	25362.1	25584.8	25836.6	23253.8	16647.9	12629.0	10379.2	*10119.0*	6177.1	978.2
47.5°	25838.7	25842.9	26438.1	27226.9	27815.9	23318.3	15742.6	12389.7	*12073.3*	7815.1	1436.1
50°	24606.6	24654.5	25601.4	27012.5	28598.4	28914.8	21232.9	15307.6	*14839.3*	9756.9	2085.4
52.5°	22261.0	22315.1	23634.6	25955.2	27878.3	30259.3	27697.2	19124.6	*18585.5*	12179.5	3001.2
55°	20148.6	20181.9	21694.9	24627.4	27010.4	29528.7	31535.1	24221.6	*23513.9*	15159.8	3904.4
57.5°	18056.9	17979.9	18964.3	22321.4	26862.7	28631.7	32101.2	30030.3	*29249.9*	18417.0	4607.9
60°	15259.7	15130.7	15921.5	18056.9	24918.8	29220.7	31041.8	33243.8	*33066.9*	22952.0	5151.1
61°	*13650.9*	*13596.8*	*14391.8*	*16223.3*	*23282.9*	*29070.9*	*30787.9*	*33379.0*	*33397.8*	*25097.8*	*5394.6*
62.5°	9748.6	9902.6	11118.0	13499.0	19501.3	28098.9	30821.2	32960.7	*33145.9*	27949.1	6025.2
65°	4333.2	4580.8	5525.7	7463.4	11340.7	23374.5	30525.7	32042.9	*31951.3*	28731.6	8198.0
67.5°	2570.3	2607.8	3078.2	4229.1	6006.5	12572.8	26937.6	30829.5	*30706.7*	25012.4	10200.2
70°	2025.1	2043.8	2193.6	2653.6	3486.1	4816.0	15374.2	26673.3	*27208.1*	20281.8	9985.8
72.5°	1921.0	1916.8	1937.6	2018.8	2195.7	2389.3	5952.4	17730.1	*18818.6*	14606.2	8372.9
75°	1896.0	1887.7	1866.9	1835.7	1590.1	1406.9	1844.0	7842.1	*8472.8*	9979.6	6304.1
77.5°	1839.8	1841.9	1846.1	1760.7	1363.2	994.8	892.9	2516.2	*3094.8*	6333.2	4480.9
80°	1244.6	1263.3	1294.5	1261.2	1225.9	720.1	630.6	894.9	*907.4*	3554.8	2959.5
82.5°	630.6	630.6	616.0	549.4	474.5	468.3	501.6	649.3	*657.7*	1798.2	1392.4
85°	380.9	401.7	410.0	372.5	341.3	314.3	382.9	516.1	*534.9*	697.2	324.7
87.5°	85.3	87.4	95.7	127.0	185.2	251.8	355.9	472.4	*480.8*	447.5	39.5
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-SA7B-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	185.2	185.2	185.2	185.2	185.2	185.2	185.2	185.2	185.2	185.2	185.2
2.5°	187.3	183.1	181.1	174.8	168.6	162.3	158.2	156.1	158.2	160.3	160.3
5°	185.2	179.0	168.6	158.2	149.8	141.5	133.2	131.1	131.1	133.2	133.2
7.5°	185.2	174.8	160.3	147.8	135.3	122.8	116.5	112.4	114.5	114.5	114.5
10°	185.2	172.7	154.0	135.3	120.7	106.1	95.7	91.6	91.6	91.6	91.6
12.5°	183.1	170.7	147.8	124.9	104.1	87.4	74.9	68.7	70.8	70.8	70.8
15°	179.0	164.4	139.4	106.1	83.2	66.6	54.1	47.9	49.9	54.1	56.2
17.5°	172.7	158.2	124.9	89.5	66.6	49.9	37.5	33.3	35.4	41.6	41.6
20°	170.7	151.9	110.3	72.8	49.9	35.4	25.0	20.8	22.9	31.2	33.3
22.5°	170.7	147.8	99.9	60.4	37.5	22.9	14.6	8.3	8.3	14.6	14.6
25°	172.7	145.7	91.6	49.9	27.1	16.6	8.3	4.2	8.3	22.9	27.1
27.5°	176.9	143.6	87.4	41.6	20.8	14.6	6.2	14.6	25.0	25.0	25.0
30°	181.1	139.4	81.2	35.4	18.7	10.4	10.4	20.8	20.8	25.0	27.1
32.5°	187.3	137.4	77.0	31.2	14.6	8.3	14.6	12.5	12.5	14.6	16.6
35°	199.8	139.4	72.8	31.2	14.6	10.4	12.5	6.2	4.2	4.2	4.2
37.5°	216.4	141.5	66.6	27.1	12.5	12.5	6.2	0.0	0.0	0.0	0.0
40°	243.5	147.8	62.4	25.0	10.4	10.4	2.1	0.0	0.0	0.0	0.0
42.5°	289.3	160.3	60.4	22.9	10.4	8.3	0.0	0.0	0.0	0.0	0.0
45°	380.9	189.4	56.2	20.8	10.4	4.2	0.0	0.0	0.0	0.0	0.0
47.5°	547.4	258.1	54.1	16.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	799.2	349.6	52.0	14.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1019.8	368.4	35.4	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1044.8	253.9	27.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	832.5	164.4	22.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	630.6	124.9	20.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*605.6*	*112.4*	*20.8*	*2.1*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	668.1	97.8	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1086.4	81.2	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1887.7	70.8	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2385.1	66.6	12.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2079.2	60.4	12.5	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1250.8	52.0	12.5	8.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	655.6	39.5	12.5	10.4	6.2	2.1	0.0	0.0	0.0	0.0	0.0
80°	318.4	35.4	14.6	10.4	8.3	4.2	0.0	0.0	0.0	0.0	0.0
82.5°	124.9	29.1	16.6	14.6	10.4	6.2	2.1	0.0	0.0	0.0	0.0
85°	56.2	25.0	18.7	16.6	14.6	8.3	2.1	0.0	0.0	0.0	0.0
87.5°	29.1	22.9	20.8	18.7	14.6	10.4	4.2	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

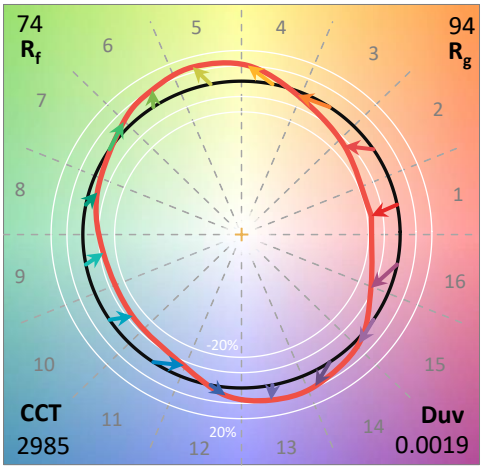
Test Information

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

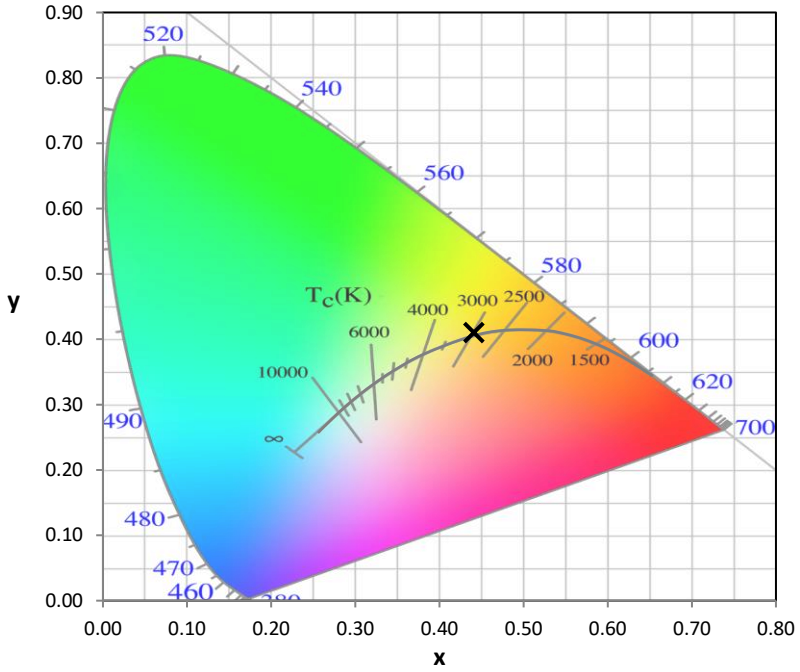
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

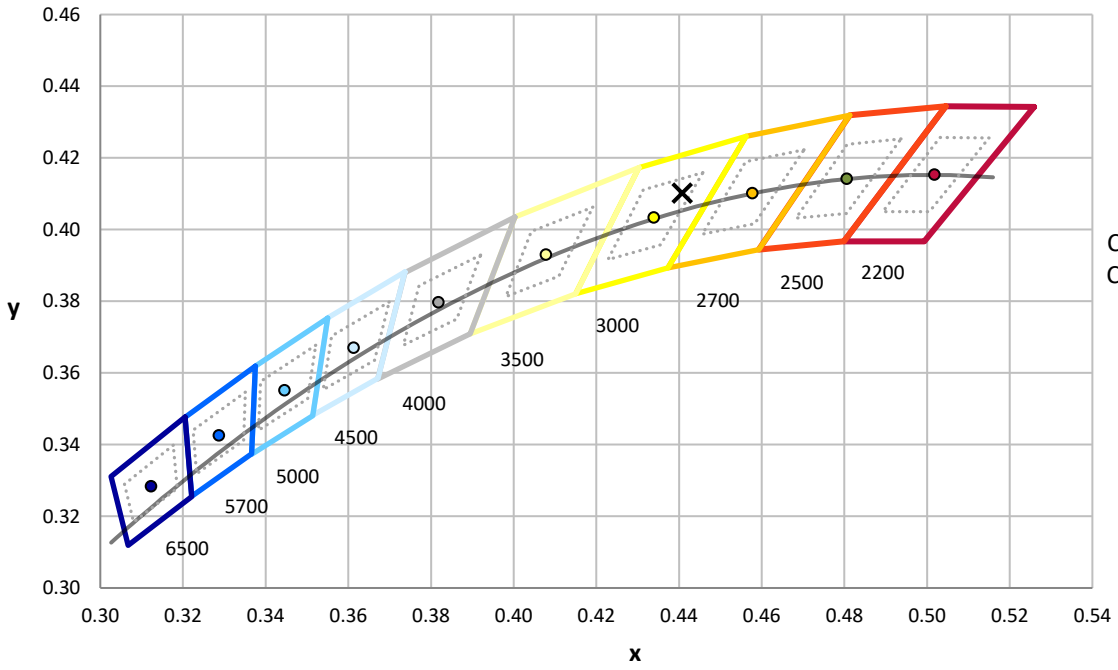
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

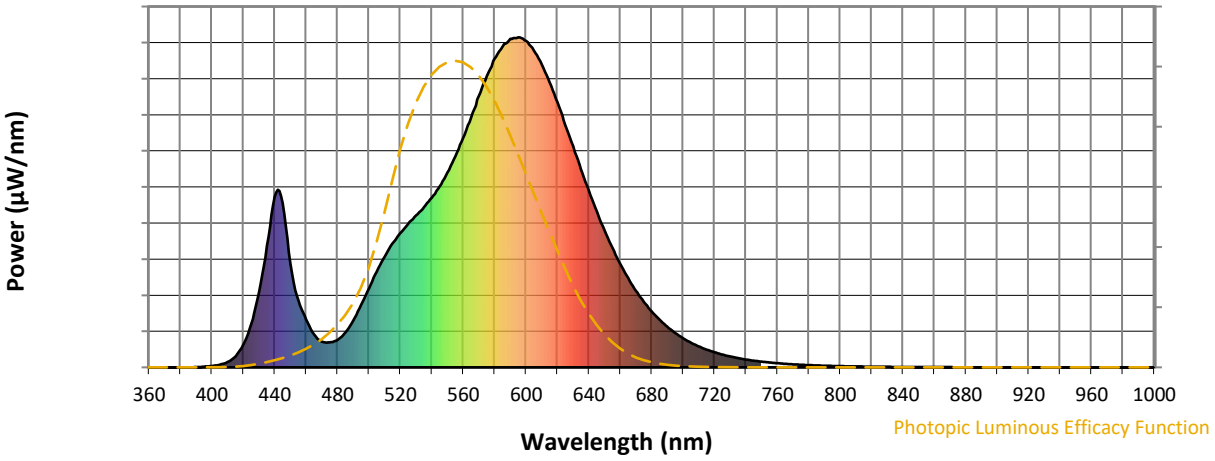


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

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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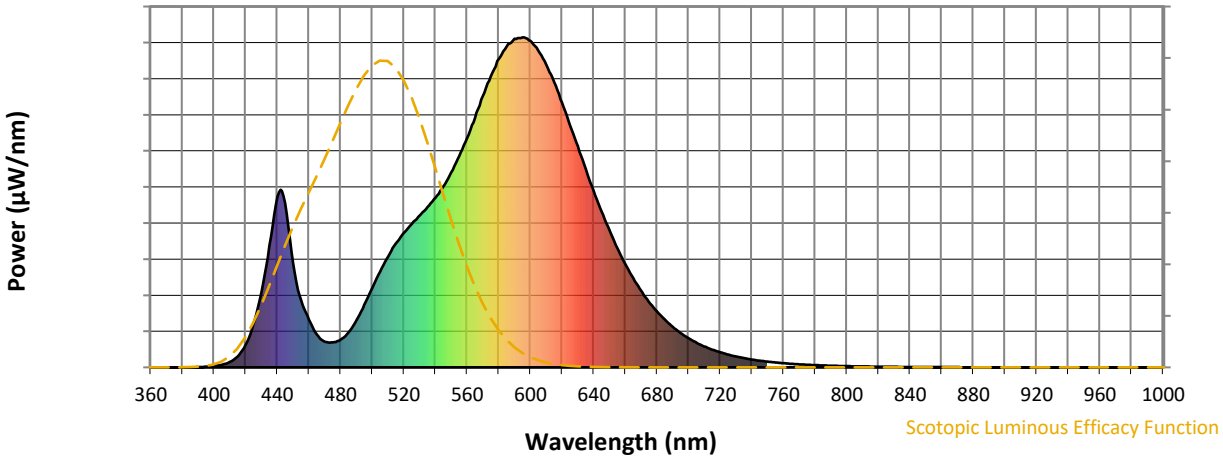
Scotopic Flux vs. Wavelength



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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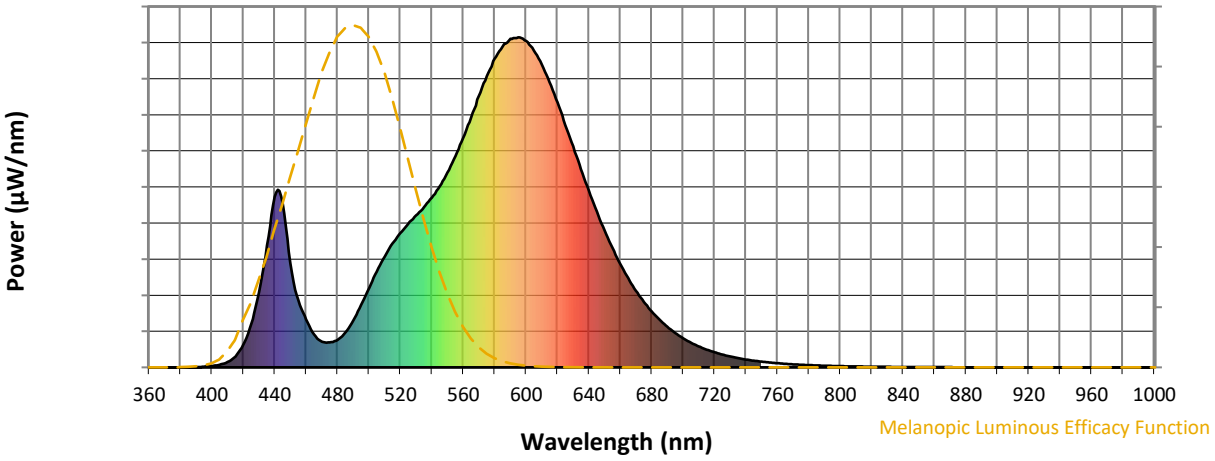
Melanopic Flux vs. Wavelength



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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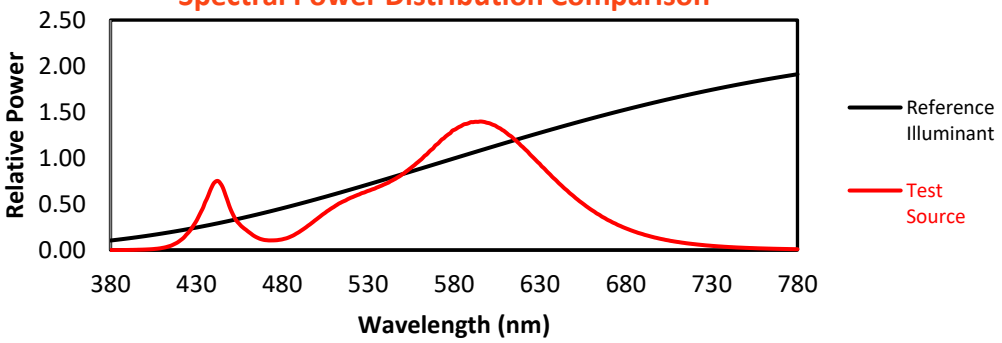
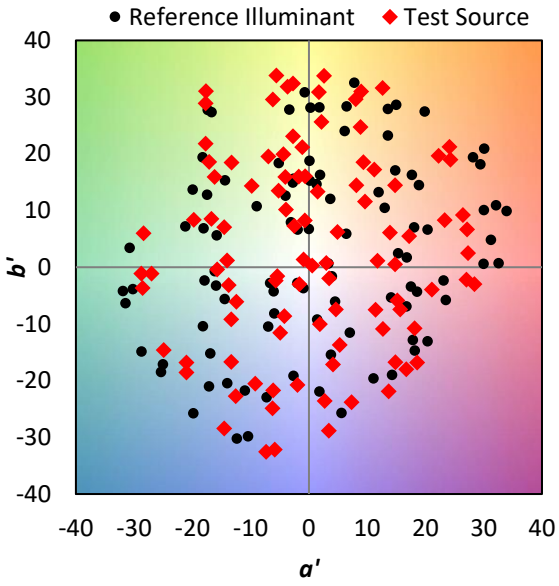
Summary

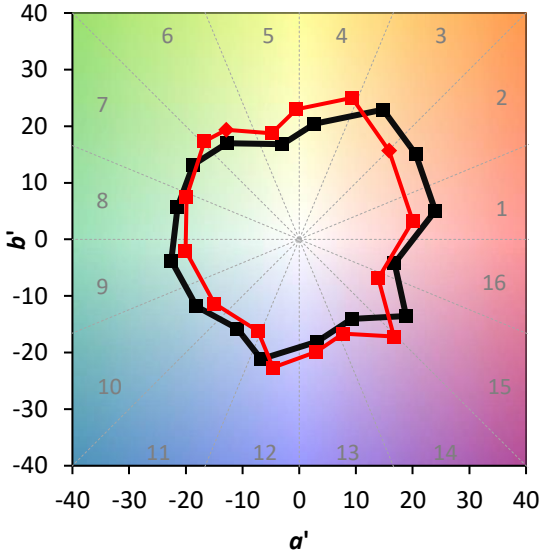
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

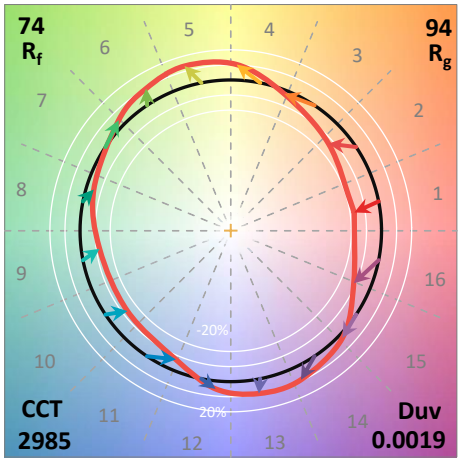
Spectral Power Distribution Comparison

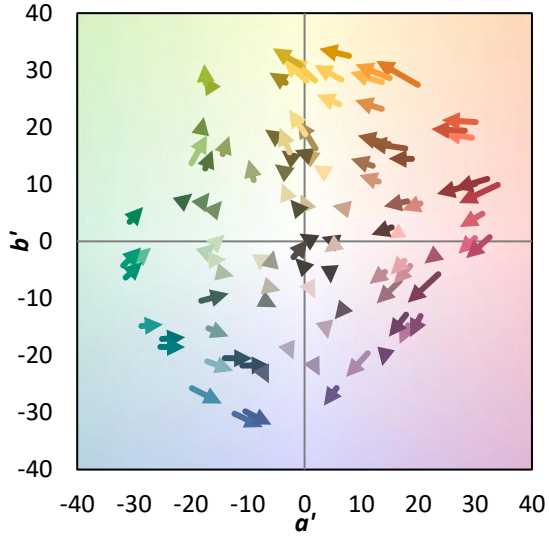


Color Vector Graphics









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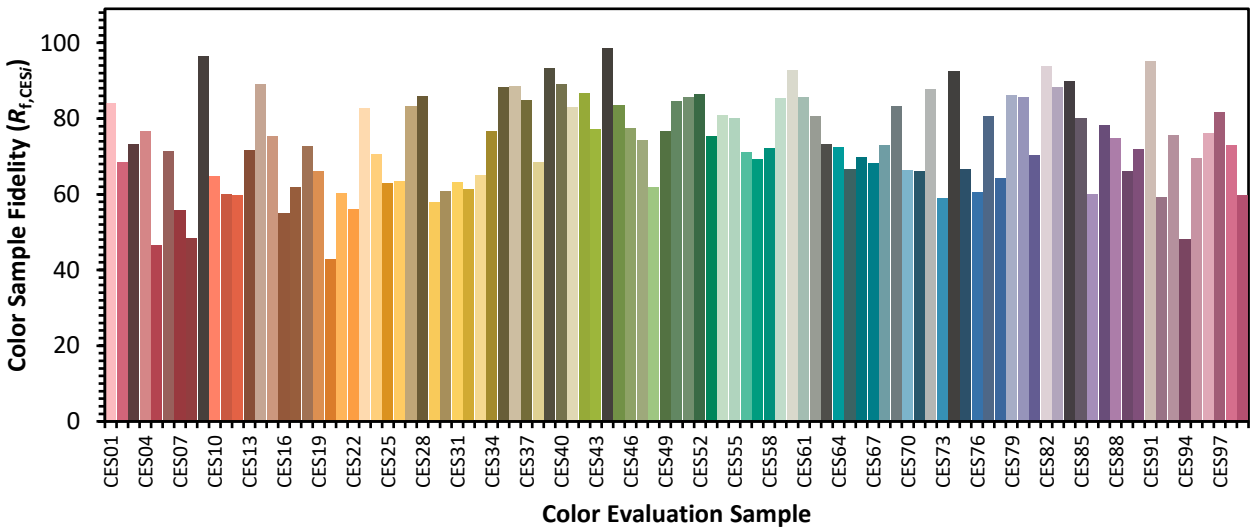
Individual Sample Fidelity Index ($R_{f,i}$)

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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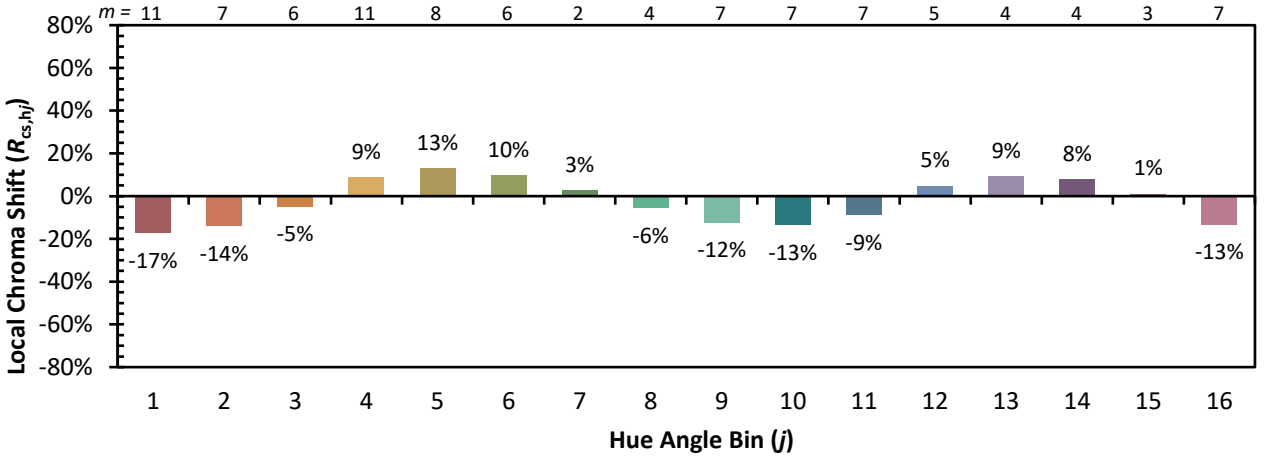
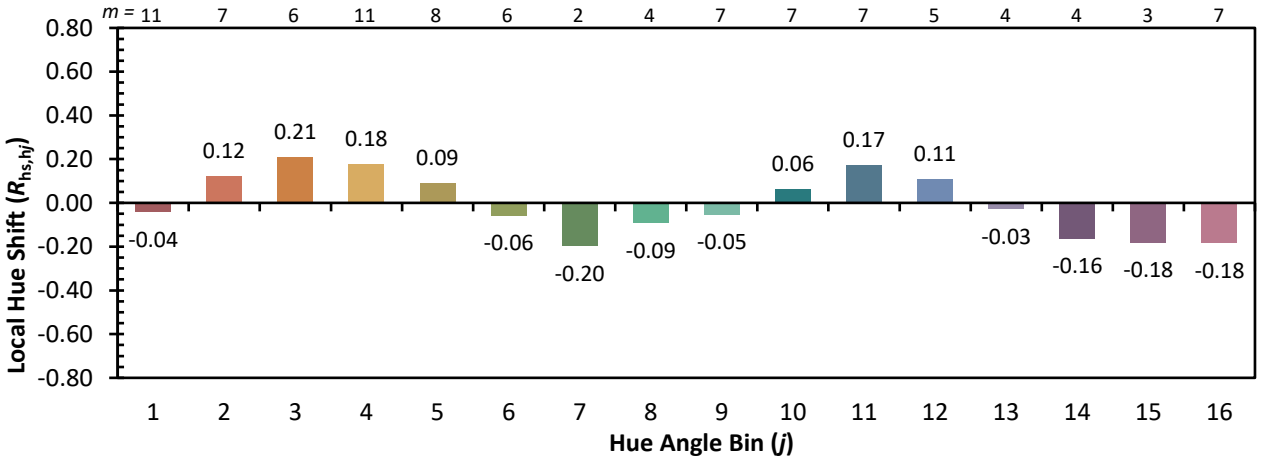
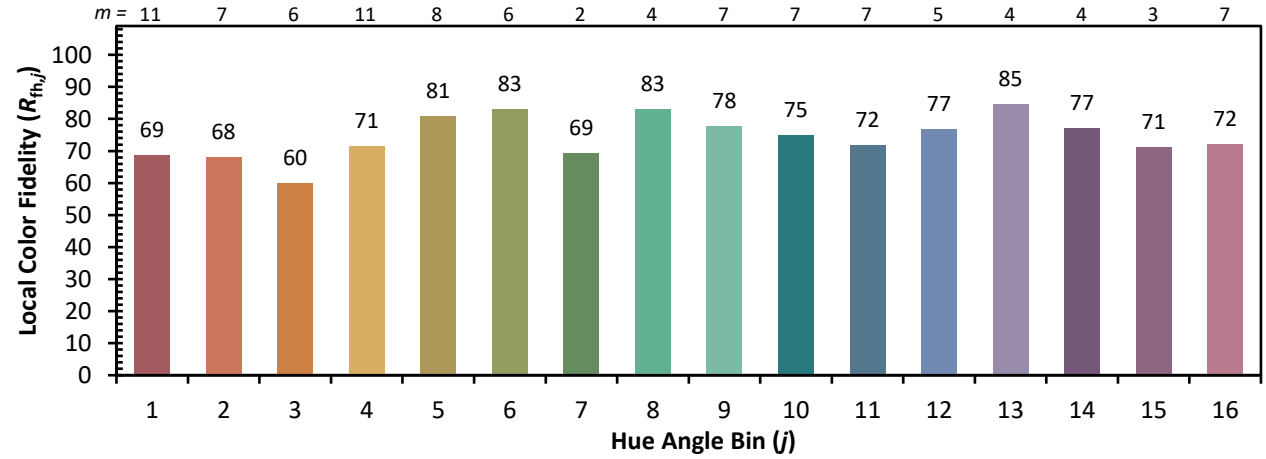
Color Rendition by Hue-Angle Bin







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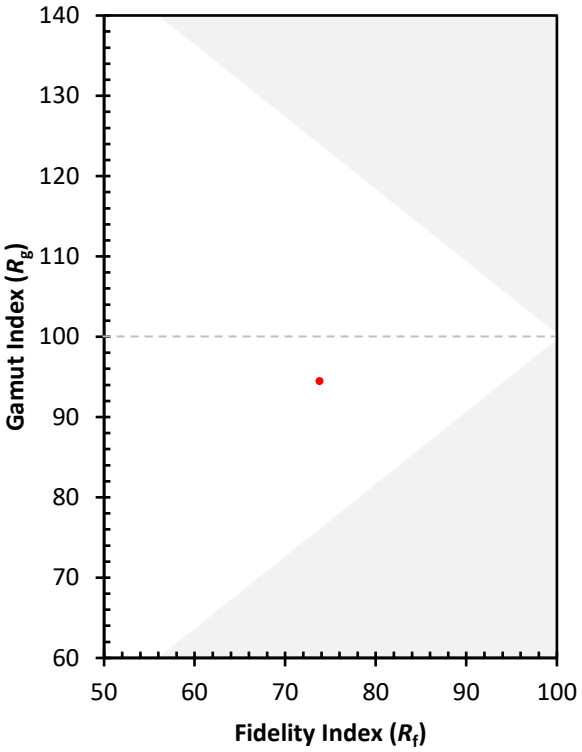
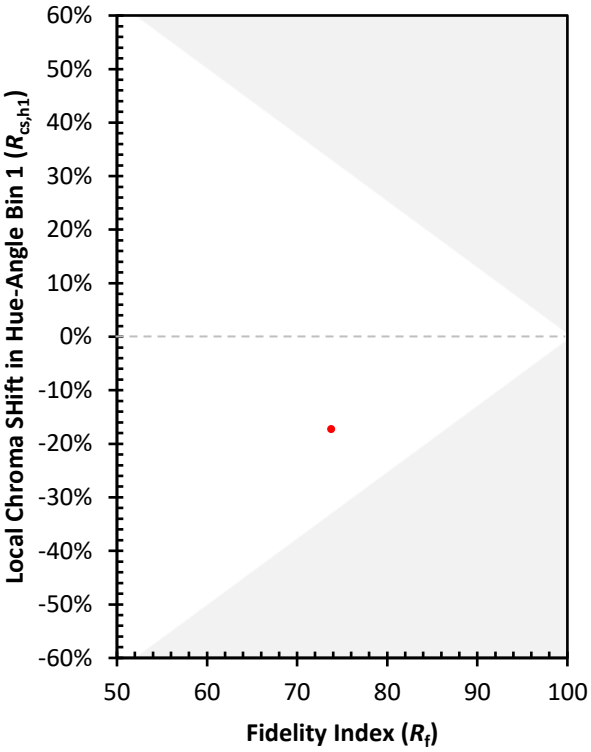
Measure Comparisons





(END OF REPORT)