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: P1047762

Luminaire Tested: **GALN-SA8B-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:	P1047762
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8B-730-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(112) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	34627.8 lumens
Efficiency:	N/A
Efficacy:	122.4 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):	282.8
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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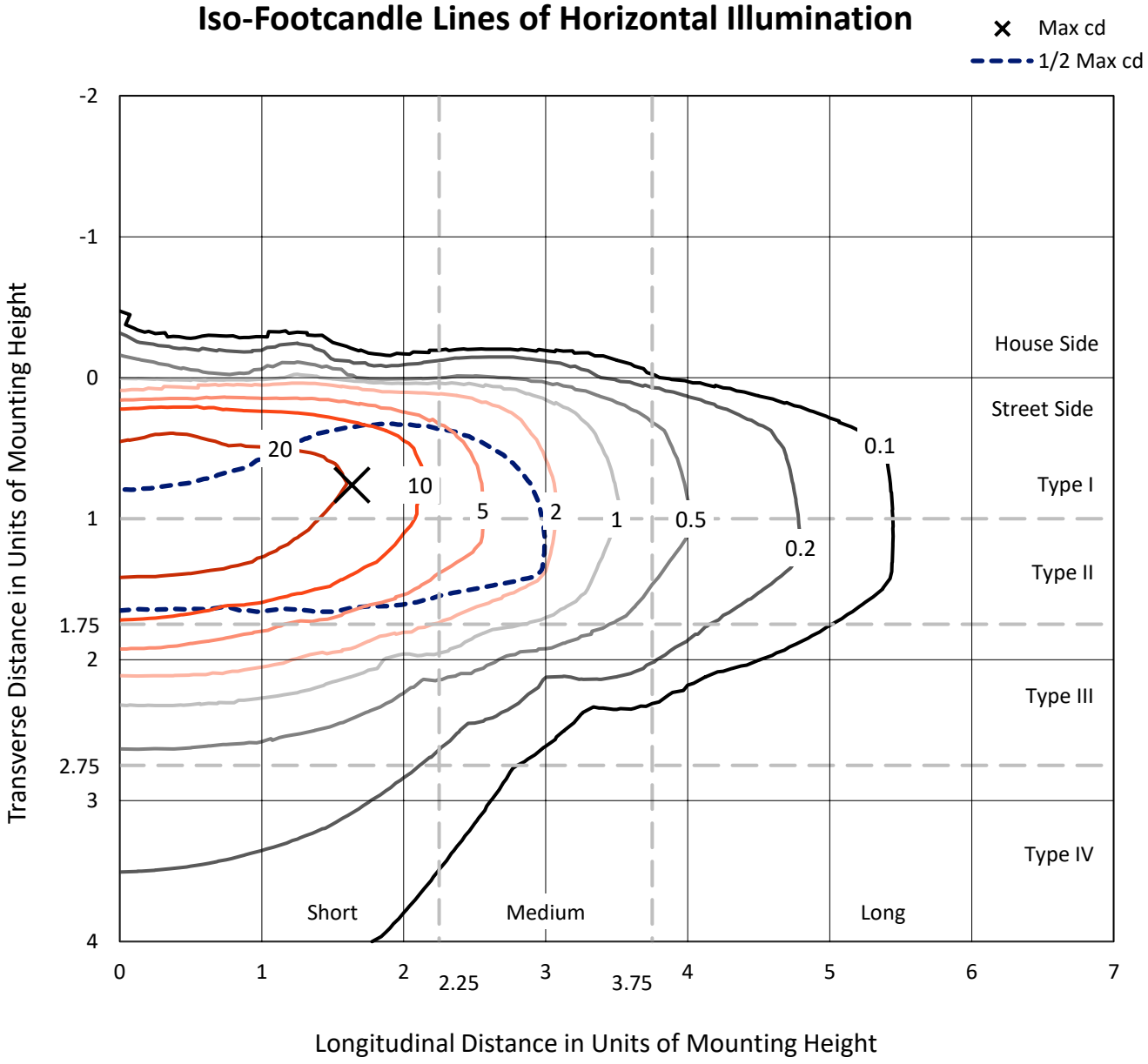
REPORT NUMBER: P1047762
CATALOG NUMBER: GALN-SA8B-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 45.8 fc
Type II - Short - N/A

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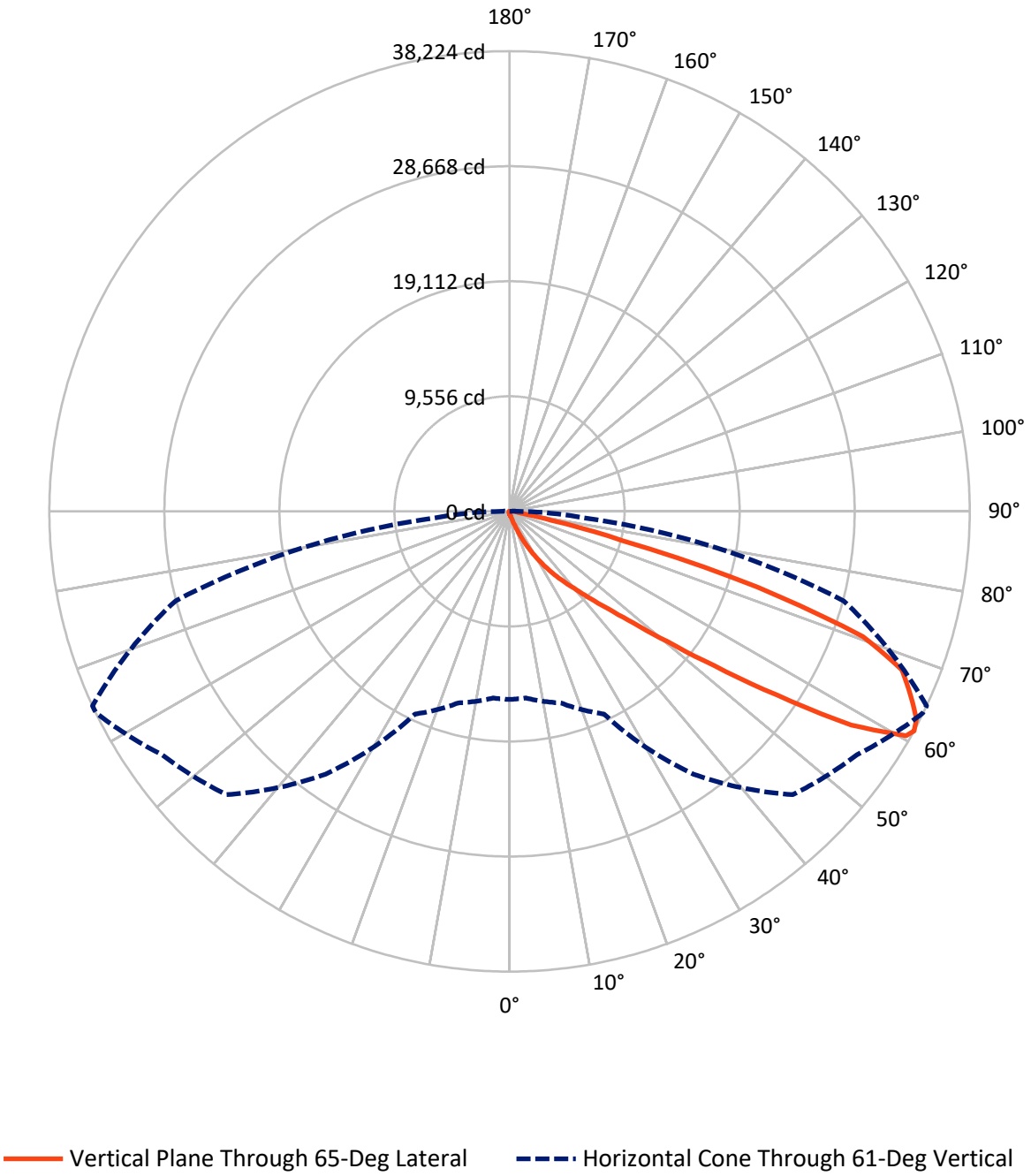
Luminous Intensity Polar Plot



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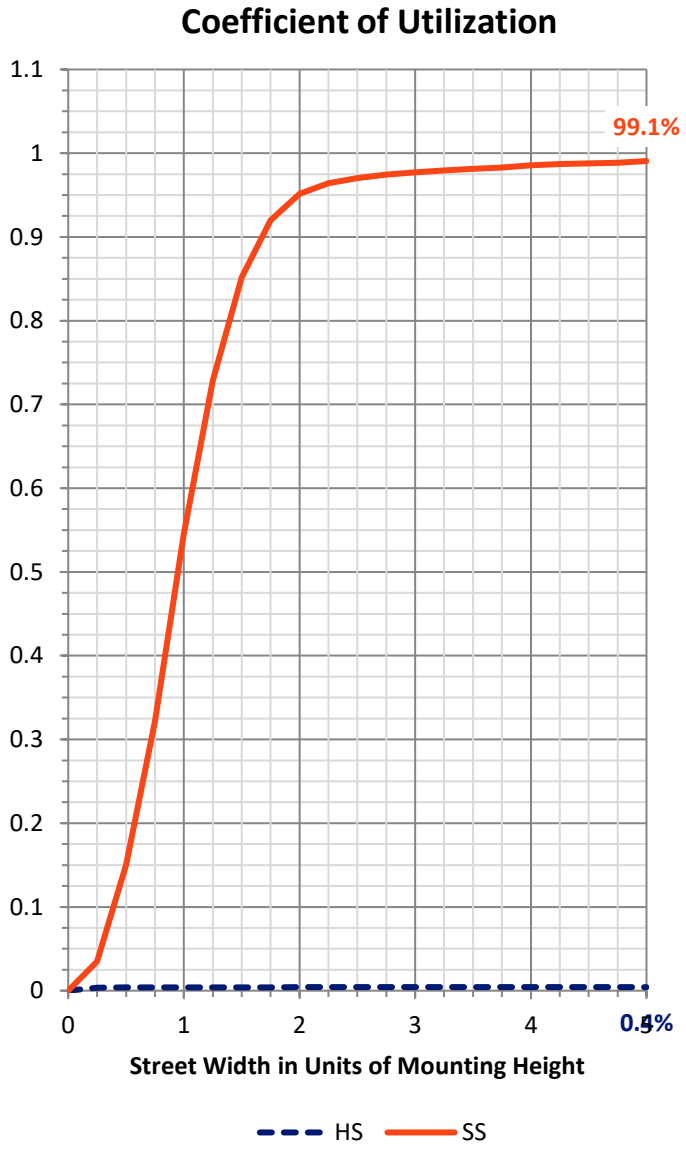
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	147.8	0.0	147.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	34480.0	0.0	34480.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	34627.8	0.0	34627.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.0	0.1
10°-20°	284.7	0.8
20°-30°	1021.9	3.0
30°-40°	2720.7	7.9
40°-50°	7147.4	20.6
50°-60°	11072.6	32.0
60°-70°	9284.2	26.8
70°-80°	2732.2	7.9
80°-90°	337.0	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°	34627.8	100.0
0°-180°	34627.8	100.0



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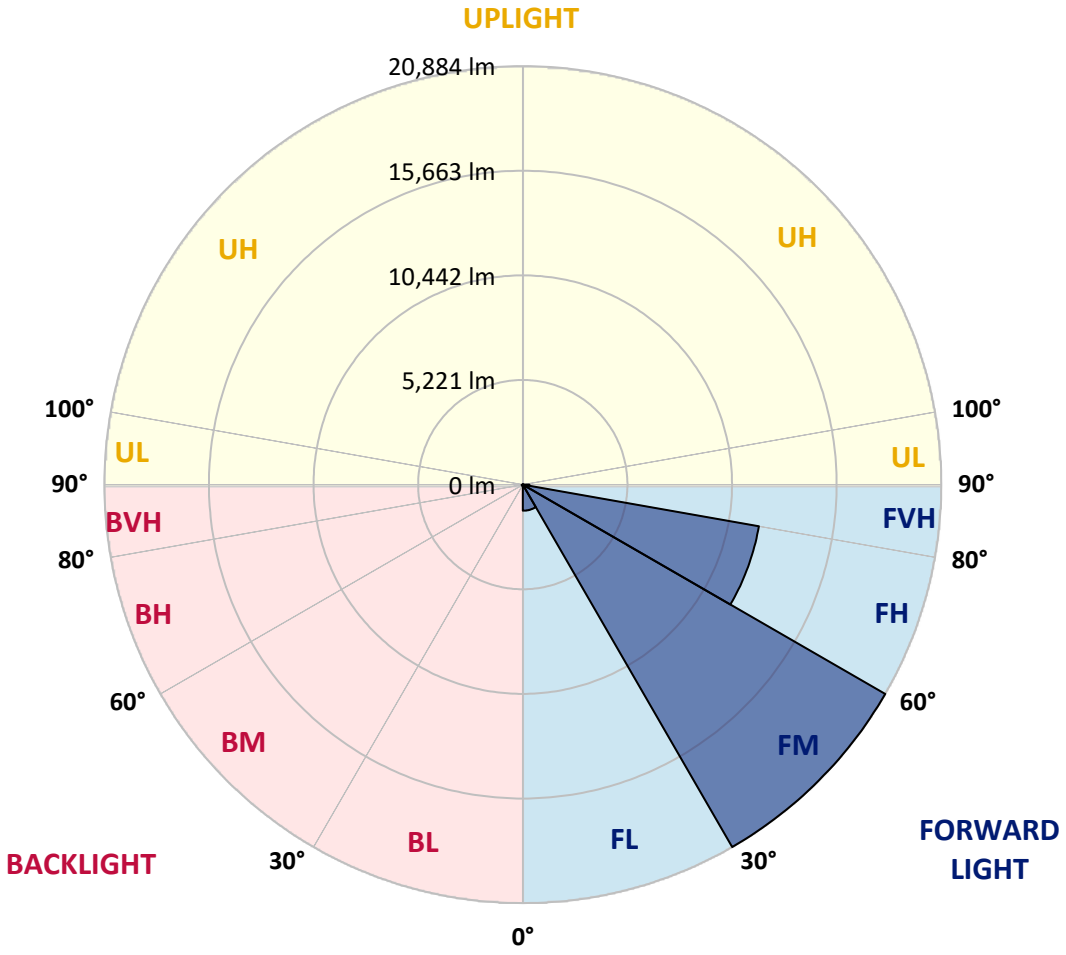
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1300.5	3.8			
FM	(30°-60°)	20884.5	60.3			
FH	(60°-80°)	11964.3	34.6			G4/12000
FVH	(80°-90°)	330.8	1.0			G3/500
BL	(0°-30°)	33.2	0.1	B0/110		
BM	(30°-60°)	56.3	0.2	B0/220		
BH	(60°-80°)	52.1	0.2	B0/110		G0/110
BVH	(80°-90°)	6.3	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°	212.0	212.0	212.0	212.0	212.0	212.0	212.0	212.0	*212.0*	212.0	212.0
2.5°	257.3	259.6	254.9	245.3	238.2	238.2	235.8	228.7	*228.7*	221.5	216.8
5°	359.7	354.9	345.4	326.3	309.7	293.0	276.3	259.6	*257.3*	235.8	221.5
7.5°	588.4	593.1	562.2	502.6	452.6	388.3	328.7	293.0	*288.2*	252.5	223.9
10°	1291.1	1255.3	1183.9	952.8	783.7	590.7	438.3	340.6	*335.9*	271.6	228.7
12.5°	2353.4	2324.9	2193.8	1955.6	1519.7	1057.6	640.8	421.6	*407.3*	288.2	231.1
15°	3392.0	3346.7	3275.3	3034.7	2524.9	1896.1	1048.1	576.4	*538.3*	312.0	228.7
17.5°	4054.2	4061.3	3997.0	3894.6	3565.9	2806.0	1810.3	859.9	*786.1*	354.9	223.9
20°	4633.0	4616.4	4652.1	4597.3	4366.2	3813.6	2634.5	1362.5	*1236.3*	424.0	226.3
22.5°	5300.0	5340.5	5366.7	5354.8	5099.9	4628.3	3570.6	2039.0	*1879.4*	550.2	233.4
25°	6193.3	6188.5	6190.9	6159.9	5912.2	5388.1	4509.2	2879.9	*2717.9*	755.1	250.1
27.5°	7129.4	7158.0	7169.9	7057.9	6734.0	6219.5	5378.6	3799.3	*3608.8*	1083.8	271.6
30°	8408.5	8384.7	8329.9	8101.3	7708.2	7069.8	6236.1	4764.0	*4564.0*	1543.5	304.9
32.5°	10133.1	10106.9	9830.6	9325.6	8737.3	7955.9	7098.4	5731.1	*5488.2*	2117.6	350.2
35°	12974.9	13015.4	12336.5	11028.8	9973.5	9020.7	8053.6	6693.5	*6479.1*	2825.1	412.1
37.5°	17326.8	17105.3	16183.4	13872.9	11600.4	10349.9	8965.9	7665.3	*7479.5*	3696.9	493.1
40°	21554.9	21335.8	21069.0	18879.9	14427.9	11814.8	10242.7	8806.3	*8565.7*	4680.7	612.2
42.5°	25999.8	25878.3	25866.4	24215.6	19587.4	14118.2	11779.1	10142.6	*9937.8*	5759.7	807.5
45°	29148.8	29027.3	29282.2	29570.4	26614.3	19053.8	14454.1	11879.1	*11581.4*	7069.8	1119.5
47.5°	29572.8	29577.5	30258.8	31161.6	31835.7	26688.2	18017.6	14180.2	*13818.1*	8944.5	1643.6
50°	28162.6	28217.4	29301.2	30916.2	32731.3	33093.4	24301.4	17519.8	*16983.8*	11166.9	2386.8
52.5°	25478.1	25540.0	27050.2	29706.2	31907.2	34632.2	31699.9	21888.4	*21271.4*	13939.6	3434.9
55°	23060.3	23098.5	24830.2	28186.4	30913.9	33796.1	36092.4	27722.0	*26912.1*	17350.6	4468.7
57.5°	20666.4	20578.3	21705.0	25547.2	30744.7	32769.5	36740.3	34370.2	*33476.9*	21078.5	5273.8
60°	17465.0	17317.3	18222.5	20666.4	28519.9	33443.6	35527.8	38048.0	*37845.5*	26268.9	5895.5
61°	*15623.7*	*15561.7*	*16471.7*	*18567.9*	*26647.7*	*33272.1*	*35237.2*	*38202.8*	*38224.3*	*28724.8*	*6174.2*
62.5°	11157.4	11333.7	12724.8	15449.8	22319.5	32159.7	35275.3	37724.1	*37936.1*	31988.2	6895.9
65°	4959.4	5242.8	6324.3	8541.9	12979.6	26752.5	34937.1	36673.6	*36568.8*	32883.8	9382.8
67.5°	2941.8	2984.7	3523.0	4840.3	6874.5	14389.8	30830.5	35284.9	*35144.3*	28627.1	11674.3
70°	2317.7	2339.1	2510.6	3037.1	3989.9	5512.0	17596.0	30528.0	*31140.2*	23212.8	11428.9
72.5°	2198.6	2193.8	2217.7	2310.6	2513.0	2734.6	6812.6	20292.4	*21538.2*	16717.0	9582.9
75°	2170.0	2160.5	2136.7	2100.9	1819.9	1610.2	2110.5	8975.5	*9697.2*	11421.8	7215.1
77.5°	2105.7	2108.1	2112.9	2015.2	1560.2	1138.6	1021.9	2879.9	*3542.1*	7248.5	5128.5
80°	1424.4	1445.9	1481.6	1443.5	1403.0	824.2	721.8	1024.3	*1038.6*	4068.5	3387.2
82.5°	721.8	721.8	705.1	628.9	543.1	536.0	574.1	743.2	*752.7*	2058.1	1593.6
85°	435.9	459.7	469.3	426.4	390.7	359.7	438.3	590.7	*612.2*	798.0	371.6
87.5°	97.7	100.0	109.6	145.3	212.0	288.2	407.3	540.7	*550.2*	512.1	45.3
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-SA8B-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	212.0	212.0	212.0	212.0	212.0	212.0	212.0	212.0	212.0	212.0	212.0
2.5°	214.4	209.6	207.2	200.1	192.9	185.8	181.0	178.7	181.0	183.4	183.4
5°	212.0	204.9	192.9	181.0	171.5	162.0	152.4	150.1	150.1	152.4	152.4
7.5°	212.0	200.1	183.4	169.1	154.8	140.5	133.4	128.6	131.0	131.0	131.0
10°	212.0	197.7	176.3	154.8	138.2	121.5	109.6	104.8	104.8	104.8	104.8
12.5°	209.6	195.3	169.1	142.9	119.1	100.0	85.8	78.6	81.0	81.0	81.0
15°	204.9	188.2	159.6	121.5	95.3	76.2	61.9	54.8	57.2	61.9	64.3
17.5°	197.7	181.0	142.9	102.4	76.2	57.2	42.9	38.1	40.5	47.6	47.6
20°	195.3	173.9	126.2	83.4	57.2	40.5	28.6	23.8	26.2	35.7	38.1
22.5°	195.3	169.1	114.3	69.1	42.9	26.2	16.7	9.5	9.5	16.7	16.7
25°	197.7	166.7	104.8	57.2	31.0	19.1	9.5	4.8	9.5	26.2	31.0
27.5°	202.5	164.4	100.0	47.6	23.8	16.7	7.1	16.7	28.6	28.6	28.6
30°	207.2	159.6	92.9	40.5	21.4	11.9	11.9	23.8	23.8	28.6	31.0
32.5°	214.4	157.2	88.1	35.7	16.7	9.5	16.7	14.3	14.3	16.7	19.1
35°	228.7	159.6	83.4	35.7	16.7	11.9	14.3	7.1	4.8	4.8	4.8
37.5°	247.7	162.0	76.2	31.0	14.3	14.3	7.1	0.0	0.0	0.0	0.0
40°	278.7	169.1	71.5	28.6	11.9	11.9	2.4	0.0	0.0	0.0	0.0
42.5°	331.1	183.4	69.1	26.2	11.9	9.5	0.0	0.0	0.0	0.0	0.0
45°	435.9	216.8	64.3	23.8	11.9	4.8	0.0	0.0	0.0	0.0	0.0
47.5°	626.5	295.4	61.9	19.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	914.7	400.2	59.6	16.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1167.2	421.6	40.5	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1195.8	290.6	31.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	952.8	188.2	26.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	721.8	142.9	23.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*693.2*	*128.6*	*23.8*	*2.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	764.6	112.0	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1243.4	92.9	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2160.5	81.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2729.8	76.2	14.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2379.6	69.1	14.3	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	1431.6	59.6	14.3	9.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	750.3	45.3	14.3	11.9	7.1	2.4	0.0	0.0	0.0	0.0	0.0
80°	364.4	40.5	16.7	11.9	9.5	4.8	0.0	0.0	0.0	0.0	0.0
82.5°	142.9	33.3	19.1	16.7	11.9	7.1	2.4	0.0	0.0	0.0	0.0
85°	64.3	28.6	21.4	19.1	16.7	9.5	2.4	0.0	0.0	0.0	0.0
87.5°	33.3	26.2	23.8	21.4	16.7	11.9	4.8	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

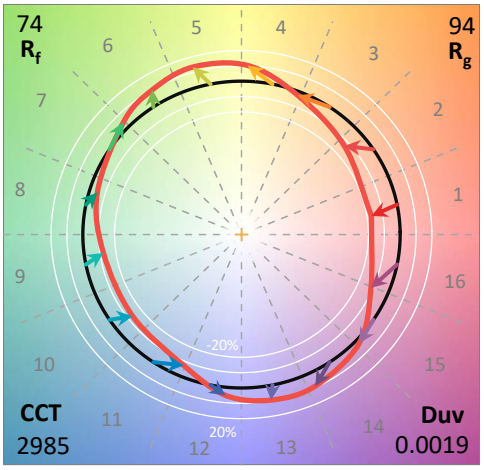
Test Information

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

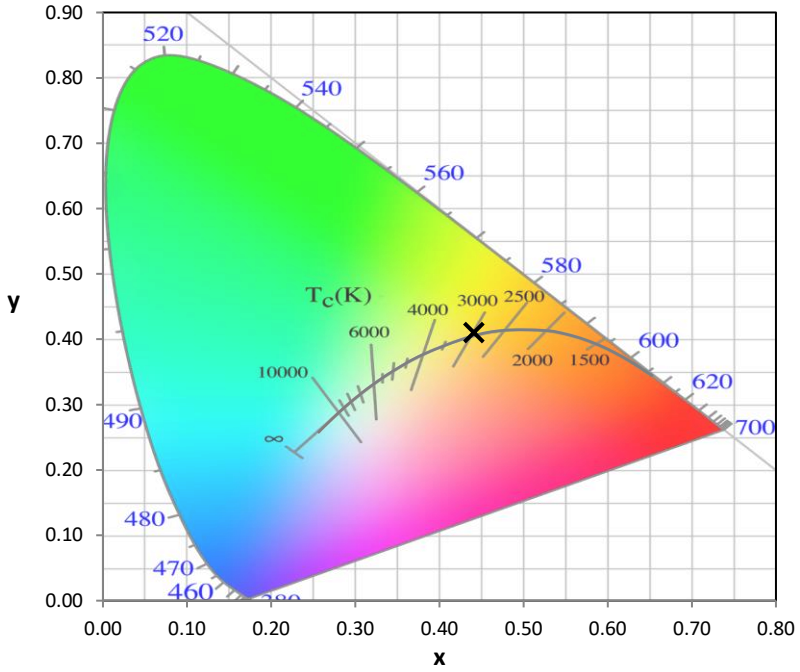
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

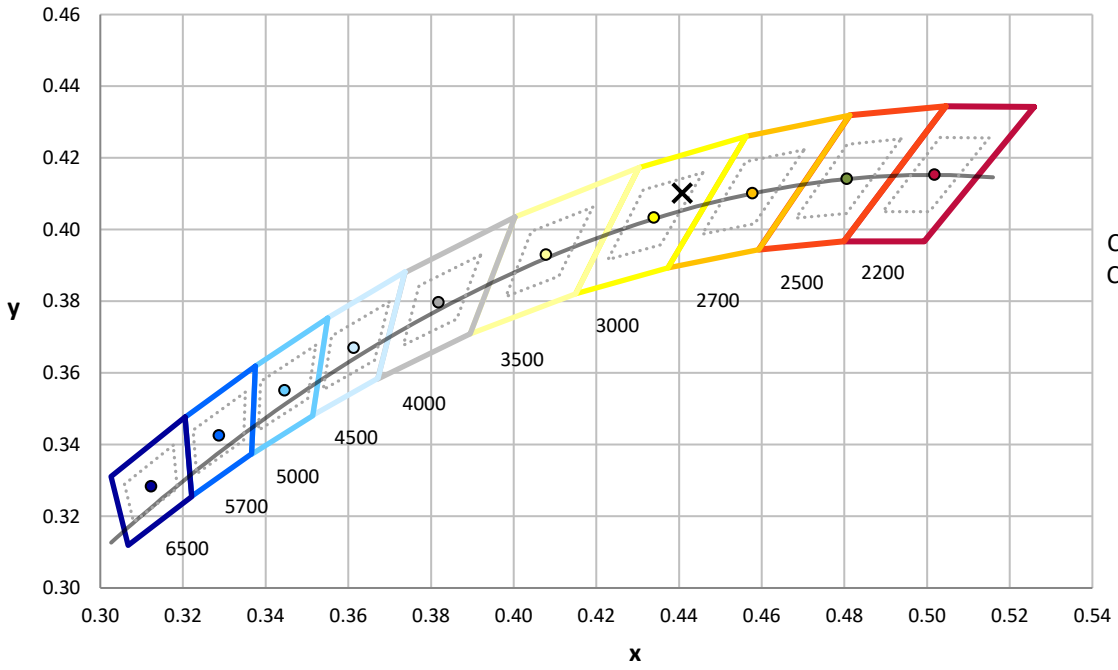
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

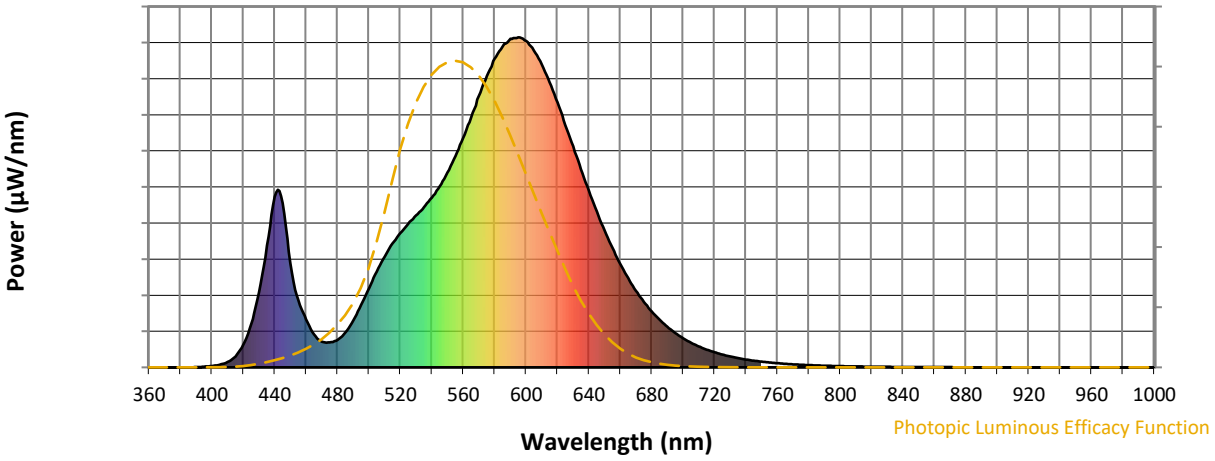


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

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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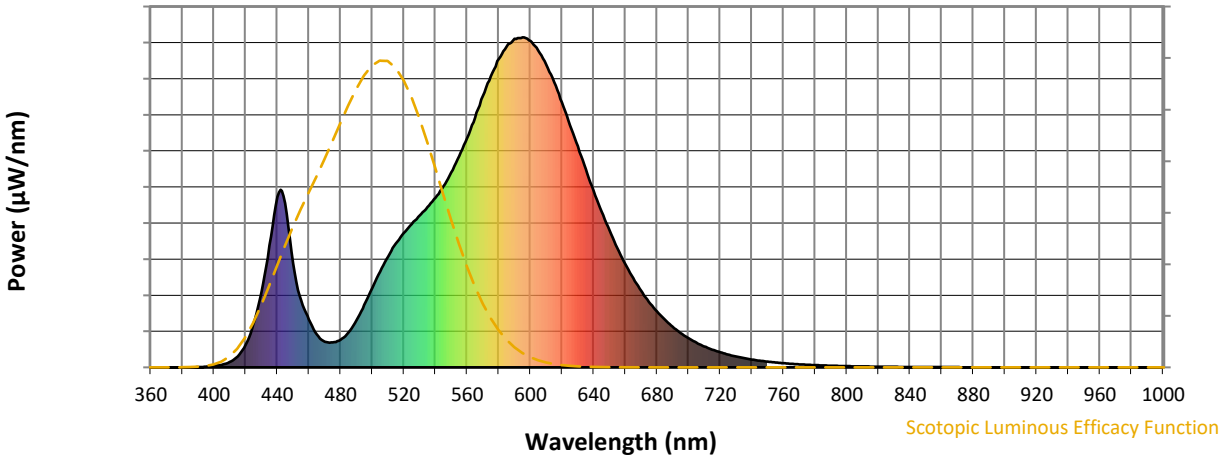
Scotopic Flux vs. Wavelength



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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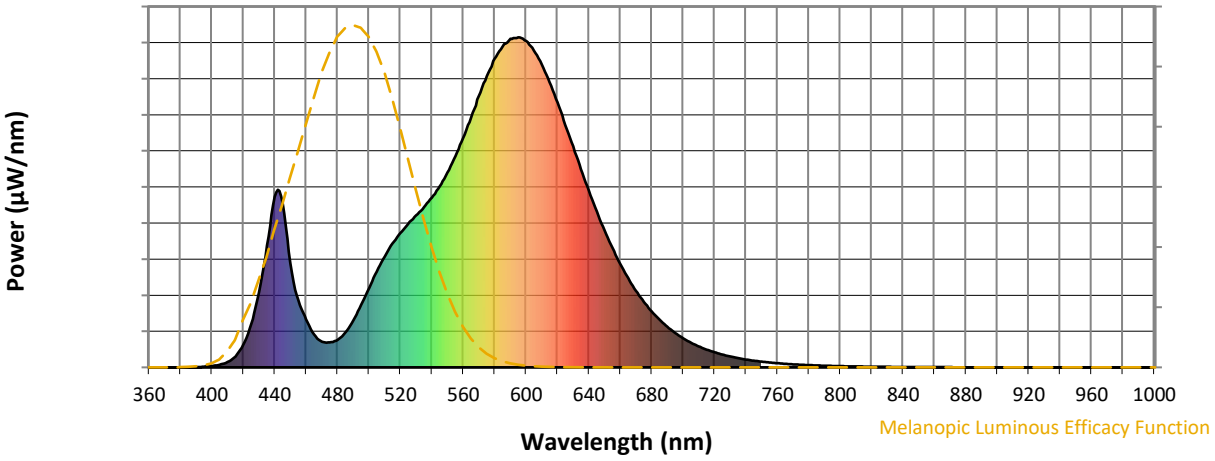
Melanopic Flux vs. Wavelength



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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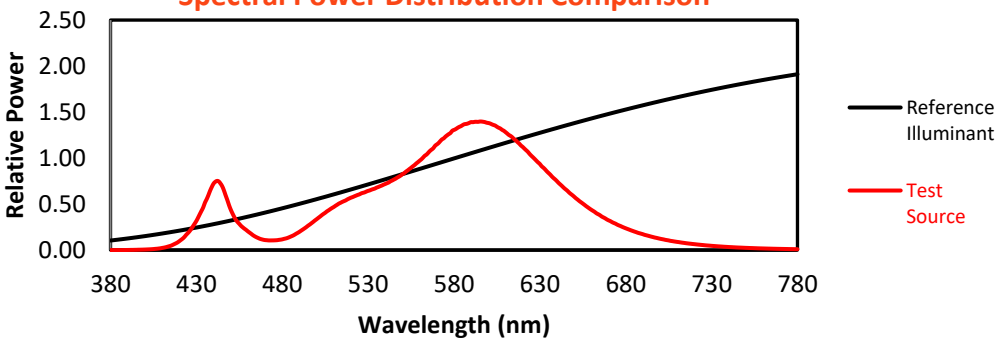
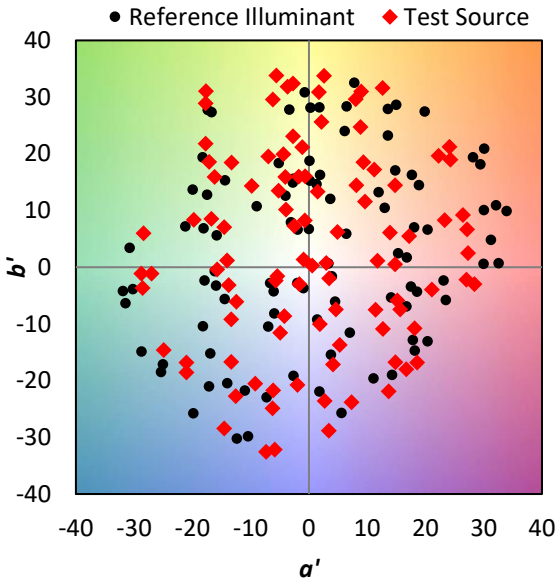
Summary

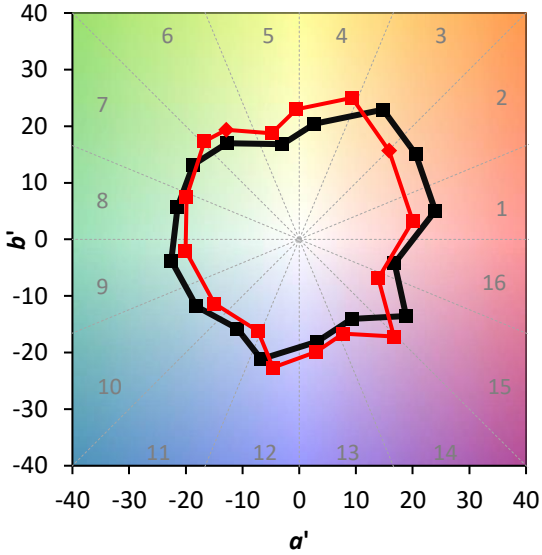
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

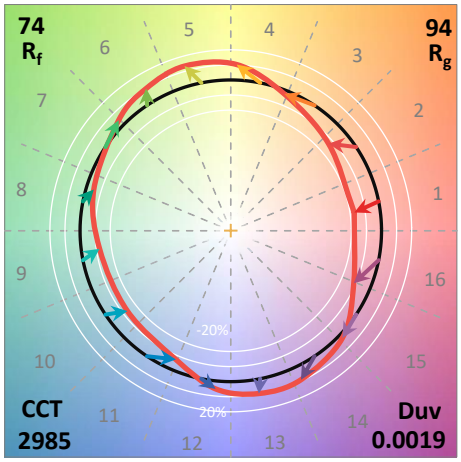
Spectral Power Distribution Comparison

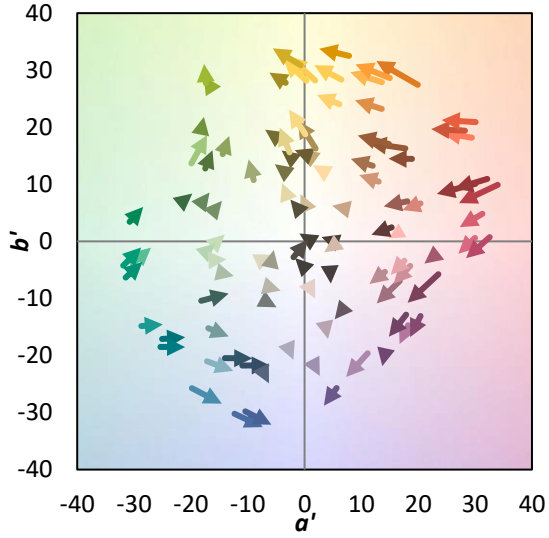


Color Vector Graphics









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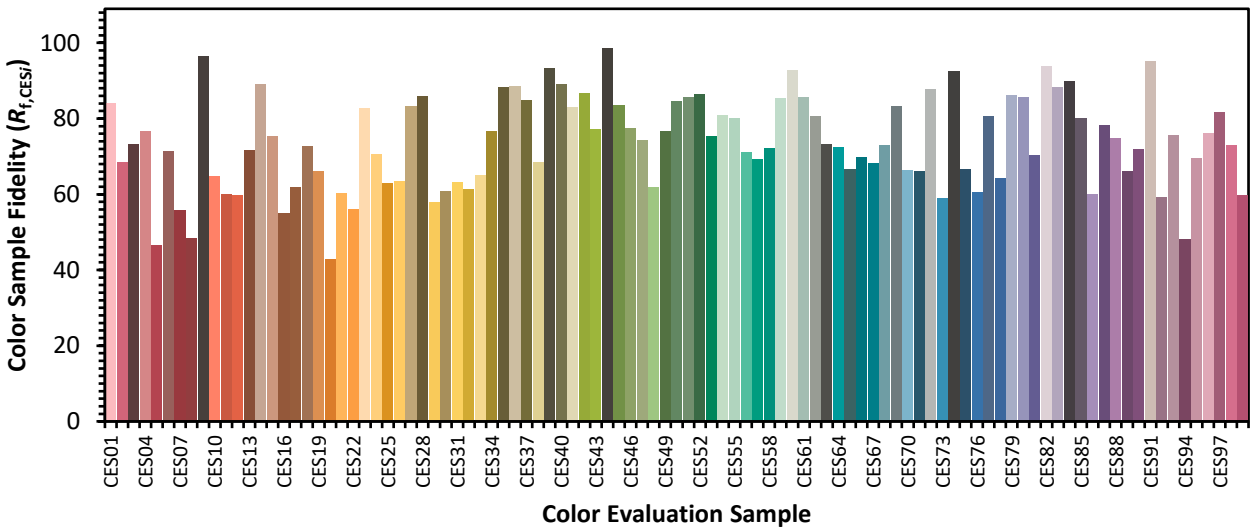
Individual Sample Fidelity Index ($R_{f,i}$)

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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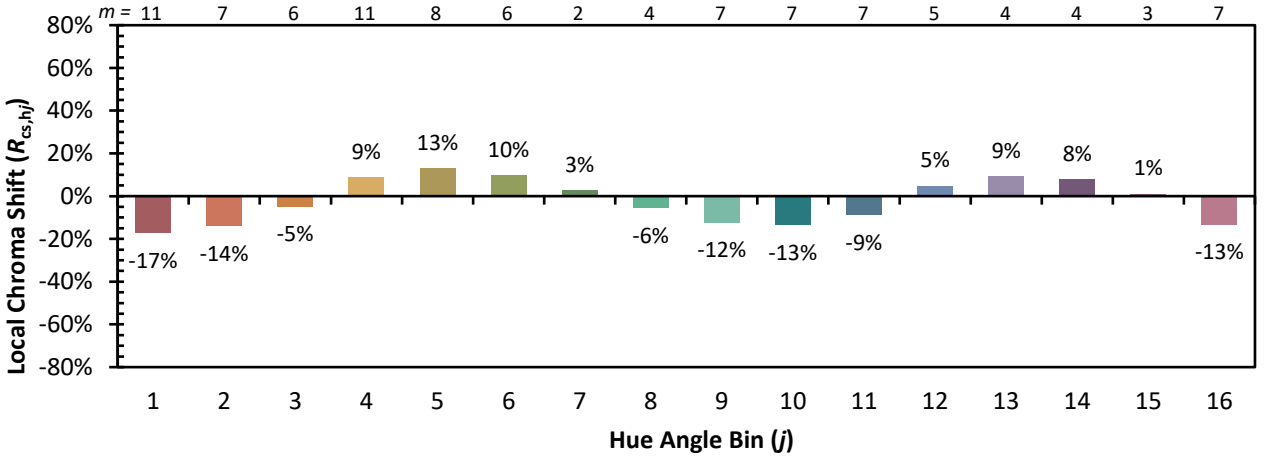
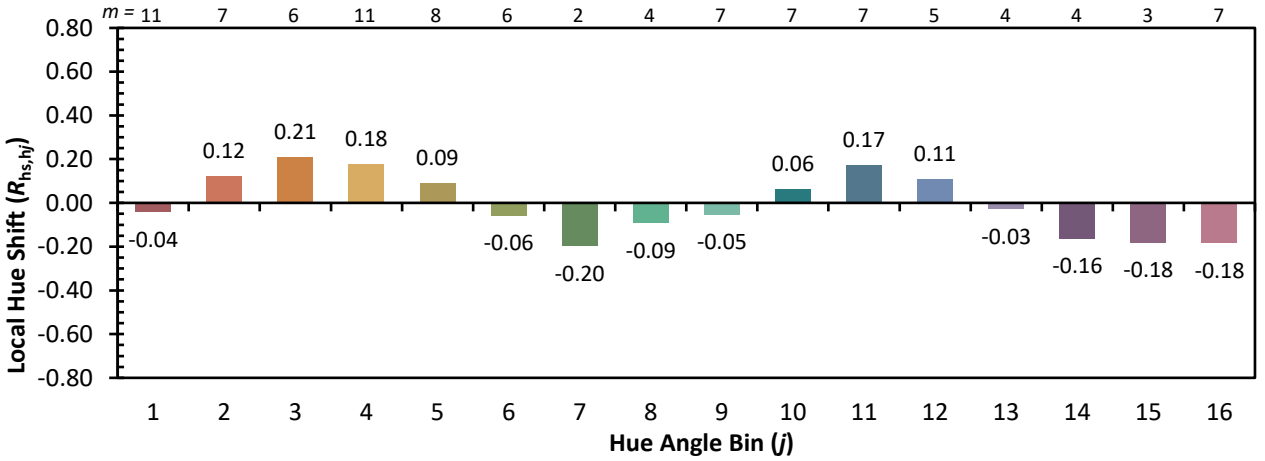
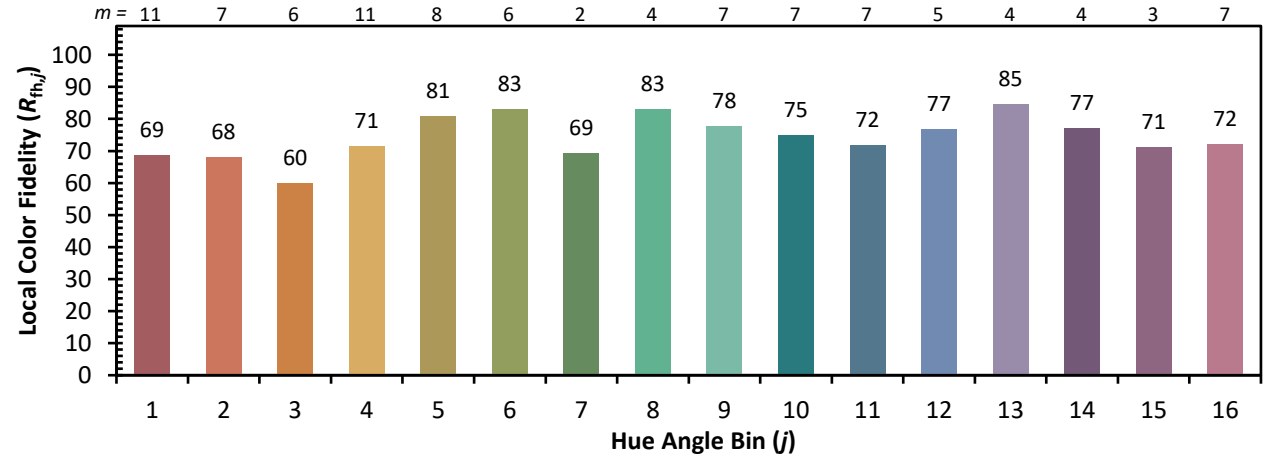
Color Rendition by Hue-Angle Bin







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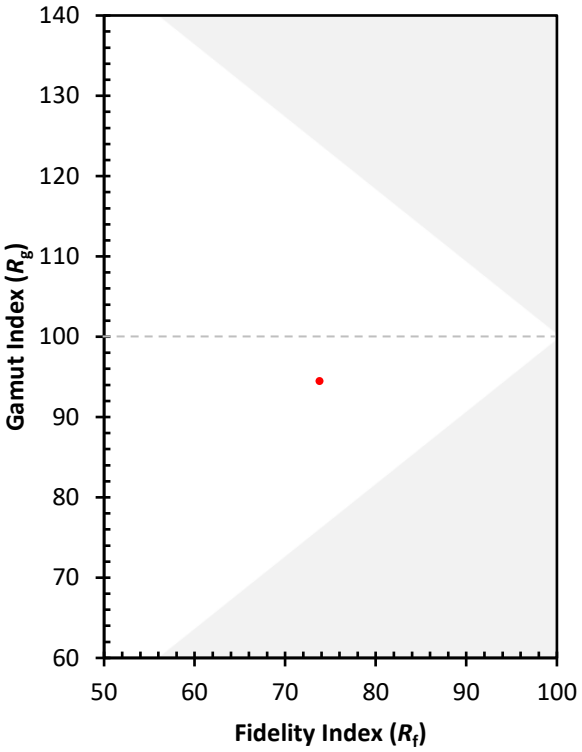
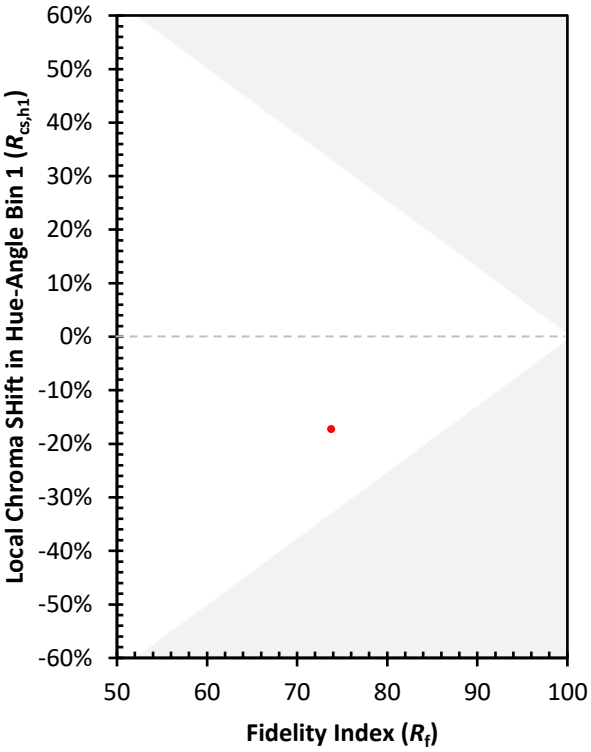
Measure Comparisons





(END OF REPORT)