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: P1047259

Luminaire Tested: **GALN-SA8C-760-U-T3BC**

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:	P1047259
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8C-760-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE 70CRI 5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(112) 5700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	46446.1 lumens
Efficiency:	N/A
Efficacy:	124.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	372.9
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: P1047259
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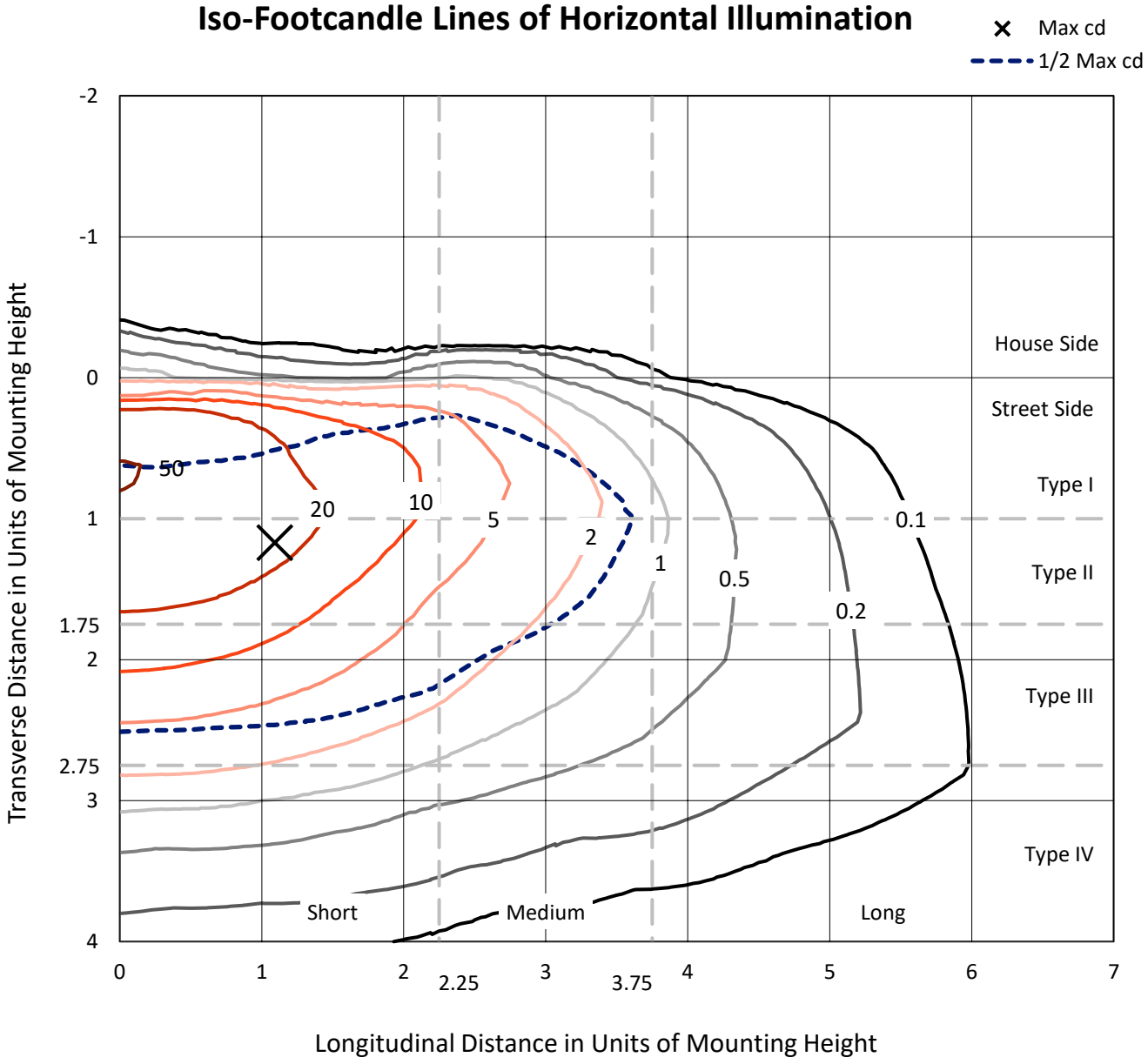
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 52.1 fc
Type III - Short - N/A

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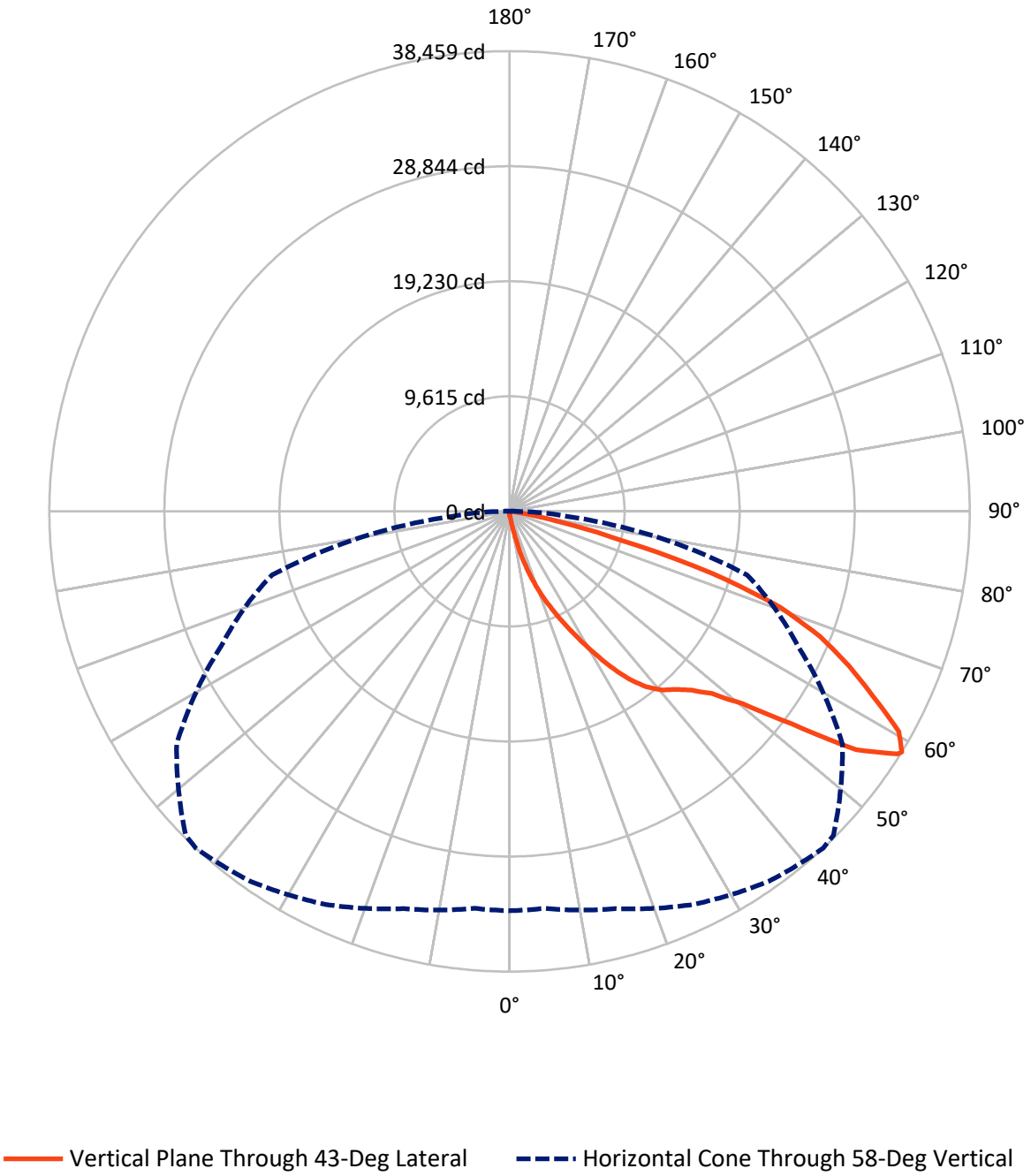
Luminous Intensity Polar Plot



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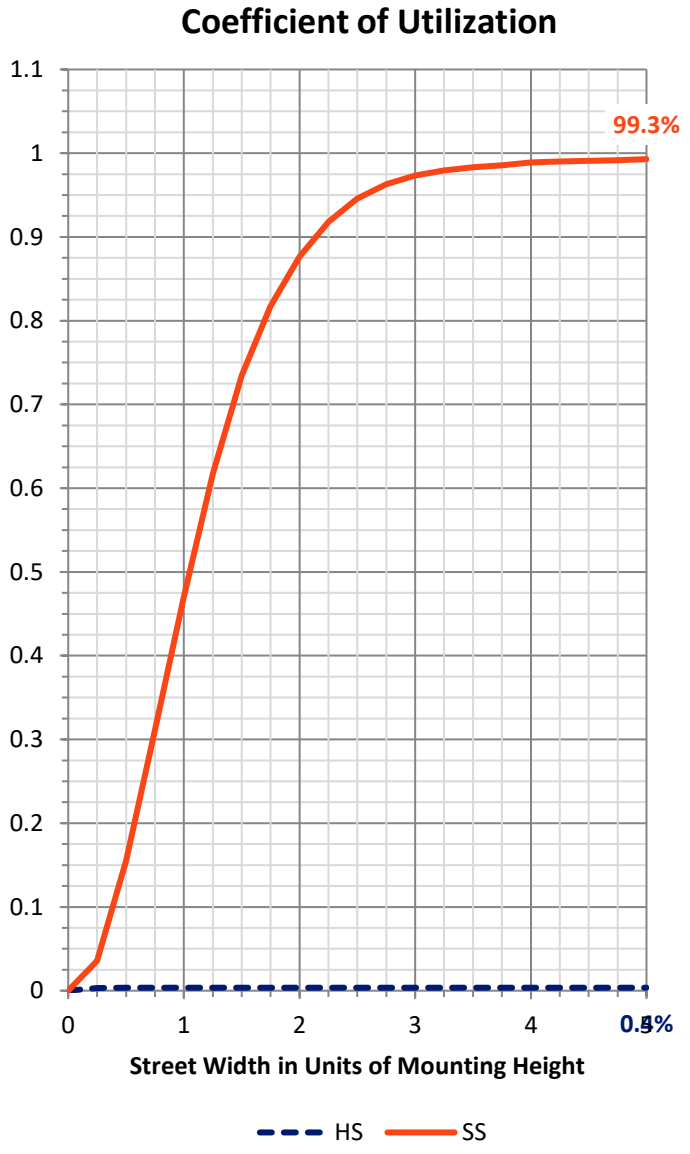
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	169.5	0.0	169.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	46276.6	0.0	46276.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	46446.1	0.0	46446.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.5	0.1
10°-20°	533.9	1.1
20°-30°	1924.3	4.1
30°-40°	4402.8	9.5
40°-50°	7425.8	16.0
50°-60°	12254.3	26.4
60°-70°	13695.9	29.5
70°-80°	5654.8	12.2
80°-90°	509.8	1.1
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°	46446.1	100.0
0°-180°	46446.1	100.0



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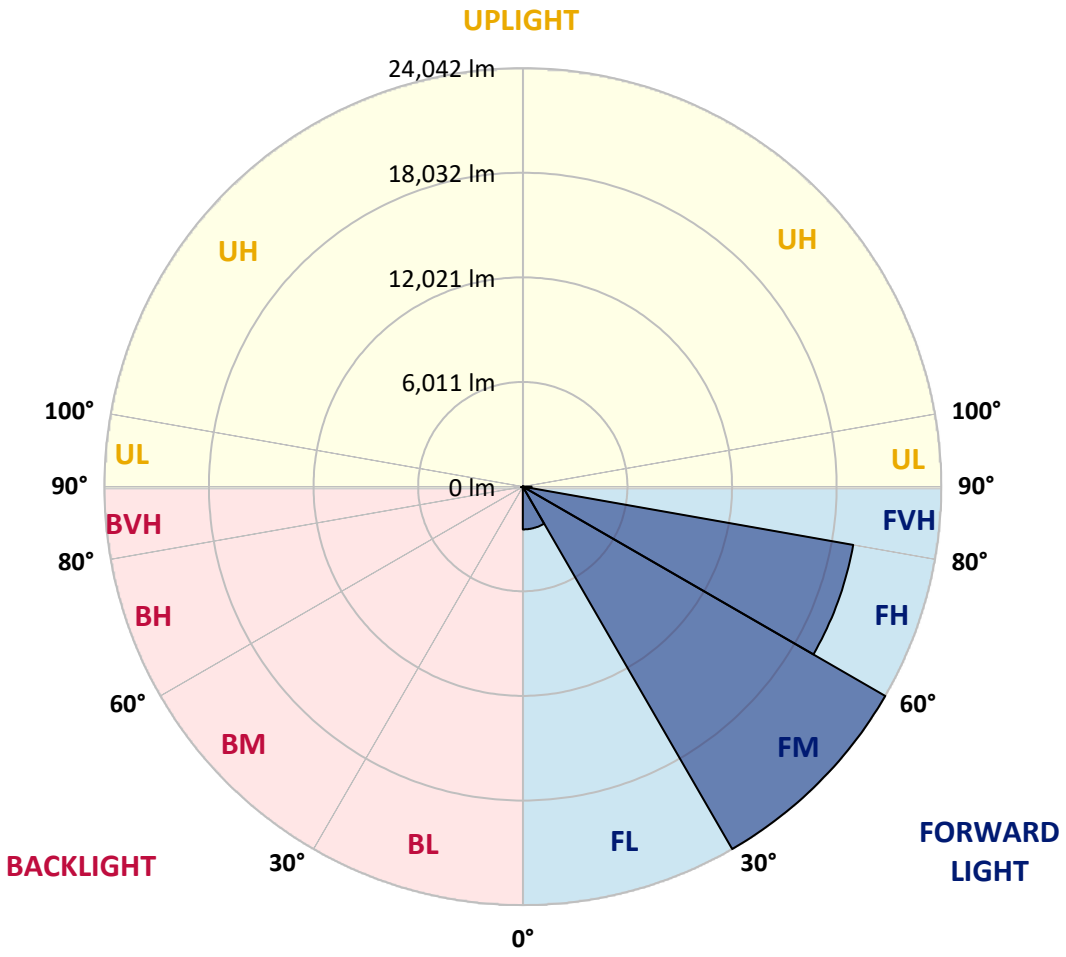
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2458.5	5.3			
FM	(30°-60°)	24042.3	51.8			
FH	(60°-80°)	19273.0	41.5			G5
FVH	(80°-90°)	502.8	1.1			G4/750
BL	(0°-30°)	44.2	0.1	B0/110		
BM	(30°-60°)	40.6	0.1	B0/220		
BH	(60°-80°)	77.7	0.2	B0/110		G0/110
BVH	(80°-90°)	7.0	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	303.7	303.7	303.7	303.7	303.7	*303.7*	303.7	303.7	303.7	303.7	303.7
2.5°	364.4	376.6	364.4	364.4	364.4	*352.3*	352.3	340.1	340.1	328.0	315.8
5°	534.5	534.5	498.1	473.8	449.5	*437.3*	425.2	400.9	376.6	352.3	328.0
7.5°	1190.5	1190.5	1081.1	935.4	741.0	*631.7*	607.4	498.1	425.2	376.6	328.0
10°	2842.5	2842.5	2599.6	2198.7	1700.7	*1263.3*	1129.7	716.7	510.2	400.9	340.1
12.5°	4725.4	4786.1	4482.5	3972.3	3231.3	*2466.0*	2198.7	1311.9	680.3	437.3	340.1
15°	6413.9	6268.2	6183.1	5697.2	4992.7	*4081.6*	3741.5	2210.9	984.0	498.1	340.1
17.5°	7555.8	7555.8	7434.3	7106.3	6462.5	*5660.8*	5381.4	3571.4	1591.3	570.9	352.3
20°	8892.0	8892.0	8673.4	8442.6	7871.6	*7191.4*	6924.1	5077.7	2466.0	728.9	352.3
22.5°	10507.7	10532.0	10289.0	9876.0	9329.3	*8576.2*	8345.4	6474.7	3571.4	971.8	364.4
25°	12475.6	12499.9	12147.6	11758.9	10920.7	*10106.8*	9754.5	8078.1	4919.8	1360.5	364.4
27.5°	14650.0	14820.0	14297.7	13629.6	12742.8	*11722.4*	11455.2	9523.7	6256.0	1919.3	388.7
30°	17358.9	17358.9	16666.5	15731.1	14771.5	*13508.1*	13168.0	11042.2	7677.3	2660.3	413.0
32.5°	19691.2	19509.0	18622.2	17638.3	16617.9	*15439.6*	15075.1	12633.5	9135.0	3583.5	461.6
35°	21476.9	21319.0	20225.7	19168.9	18282.1	*17201.0*	16763.7	14358.4	10677.7	4628.2	534.5
37.5°	23007.5	22946.8	21464.8	20140.7	19557.6	*18610.1*	18221.4	15986.2	12196.2	5758.0	619.5
40°	24683.9	24489.5	22910.3	21270.4	20395.8	*19630.5*	19278.2	17298.2	13653.9	7082.0	741.0
42.5°	26117.3	25886.5	24465.2	22861.7	21367.6	*20335.1*	19994.9	18403.6	15075.1	8406.1	898.9
45°	27708.6	27587.2	26153.7	24939.0	22946.8	*21294.7*	20845.2	19290.4	16374.9	9985.3	1105.4
47.5°	30101.7	29883.0	28546.8	27550.7	25242.7	*22752.4*	22108.6	20201.4	17626.1	11540.2	1421.3
50°	32883.5	32737.7	31948.1	31158.5	28862.7	*25242.7*	24477.4	21513.4	19023.1	13386.6	1834.3
52.5°	35155.1	35130.8	35228.0	35240.1	33503.0	*29433.6*	28291.7	23627.0	20626.6	15208.8	2417.4
55°	35106.5	35215.8	36284.8	37511.7	37645.4	*35155.1*	34049.7	27186.3	22716.0	17456.1	3231.3
57.5°	33794.6	33709.5	34839.3	36685.7	37985.5	*38252.7*	38070.5	32713.4	25862.2	20165.0	4482.5
58°	*33369.4*	*33296.5*	*34365.5*	*36248.4*	*37742.5*	*38459.2*	*38277.0*	*33964.6*	*26566.8*	*20553.7*	*4822.6*
60°	31826.7	31838.8	32470.5	34183.3	35677.4	*37378.1*	37548.2	37536.0	30077.4	23153.3	6535.4
62.5°	29785.9	29688.7	30271.8	31668.7	32980.7	*34122.6*	34414.1	37779.0	35215.8	26457.4	9803.1
65°	26967.6	26821.9	27441.4	29020.6	30429.7	*31170.7*	31182.8	34523.4	37633.2	30004.5	14467.8
67.5°	21732.0	21610.5	22849.6	24878.2	27052.7	*28024.5*	28461.8	29955.9	35592.4	32409.7	17140.2
70°	13313.7	13568.8	15293.8	18476.5	22193.6	*23979.3*	24635.3	25096.9	30308.2	32045.3	14334.1
72.5°	6146.7	5843.0	7312.8	9535.9	13775.4	*17747.6*	18427.9	20237.9	24027.9	27818.0	10689.9
75°	2866.8	2757.5	3097.6	4166.6	6243.9	*9584.4*	10823.5	16156.3	18427.9	19351.1	7713.7
77.5°	1469.9	1482.0	1761.4	1895.0	2575.3	*4433.9*	5089.8	10629.1	13508.1	10799.2	5174.9
80°	643.8	668.1	680.3	741.0	1044.7	*1712.8*	1931.5	4931.9	9232.2	5502.9	2830.4
82.5°	413.0	425.2	425.2	425.2	498.1	*680.3*	777.4	1980.1	4603.9	2733.2	874.6
85°	218.7	218.7	243.0	303.7	352.3	*413.0*	437.3	631.7	1518.4	813.9	206.5
87.5°	121.5	133.6	145.8	182.2	230.8	*279.4*	303.7	437.3	583.1	558.8	48.6
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-SA8C-760-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	303.7	303.7	303.7	303.7	303.7	303.7	303.7	303.7	303.7	303.7	303.7
2.5°	315.8	303.7	291.5	279.4	267.2	255.1	255.1	255.1	255.1	255.1	255.1
5°	303.7	291.5	279.4	255.1	230.8	218.7	206.5	194.4	194.4	194.4	194.4
7.5°	303.7	291.5	255.1	230.8	206.5	182.2	157.9	157.9	157.9	157.9	157.9
10°	303.7	279.4	243.0	206.5	170.1	145.8	133.6	121.5	121.5	121.5	121.5
12.5°	303.7	267.2	230.8	182.2	145.8	121.5	109.3	97.2	97.2	97.2	97.2
15°	303.7	267.2	218.7	170.1	133.6	97.2	85.0	72.9	72.9	72.9	72.9
17.5°	291.5	255.1	206.5	145.8	109.3	72.9	60.7	48.6	48.6	60.7	60.7
20°	279.4	243.0	182.2	121.5	85.0	60.7	36.4	36.4	36.4	36.4	36.4
22.5°	279.4	243.0	170.1	109.3	72.9	36.4	24.3	24.3	24.3	24.3	36.4
25°	279.4	230.8	145.8	85.0	48.6	24.3	12.1	12.1	12.1	12.1	12.1
27.5°	279.4	230.8	133.6	72.9	36.4	24.3	12.1	0.0	0.0	0.0	0.0
30°	267.2	218.7	121.5	60.7	24.3	12.1	0.0	0.0	0.0	0.0	0.0
32.5°	267.2	206.5	97.2	48.6	24.3	12.1	0.0	0.0	0.0	0.0	0.0
35°	279.4	194.4	85.0	36.4	12.1	0.0	0.0	0.0	0.0	0.0	12.1
37.5°	291.5	182.2	72.9	24.3	12.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	303.7	170.1	72.9	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	328.0	170.1	60.7	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	352.3	170.1	48.6	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	400.9	182.2	48.6	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	437.3	194.4	36.4	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	485.9	182.2	36.4	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	546.6	182.2	36.4	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	595.2	170.1	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*619.5*	*157.9*	*24.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	741.0	145.8	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1154.0	121.5	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2344.5	109.3	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4373.1	97.2	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4895.5	109.3	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3085.5	85.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1627.8	85.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	813.9	85.0	12.1	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	376.6	60.7	12.1	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	157.9	36.4	24.3	12.1	12.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	72.9	36.4	24.3	24.3	12.1	12.1	0.0	0.0	0.0	0.0	0.0
87.5°	36.4	36.4	36.4	24.3	24.3	12.1	12.1	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-760-U-5WQ

Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

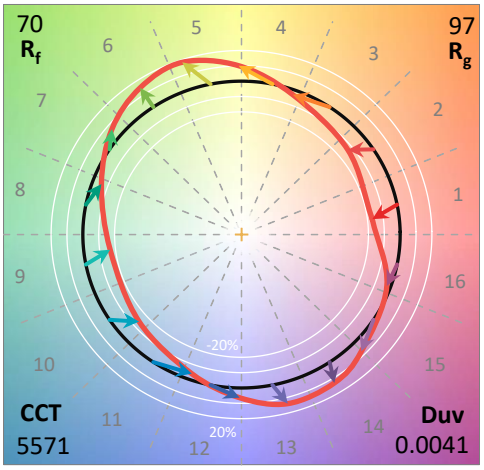
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-7
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-7[illegible]-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

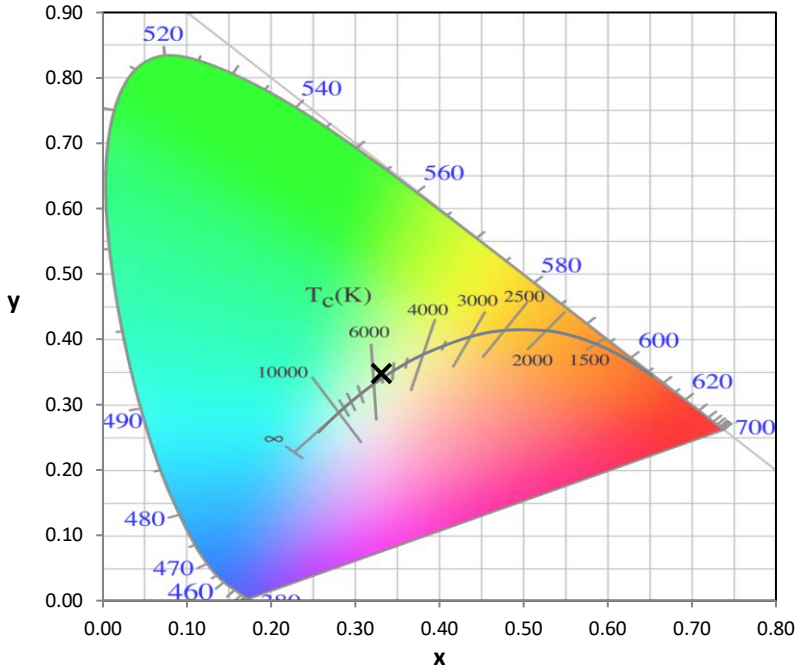
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-7

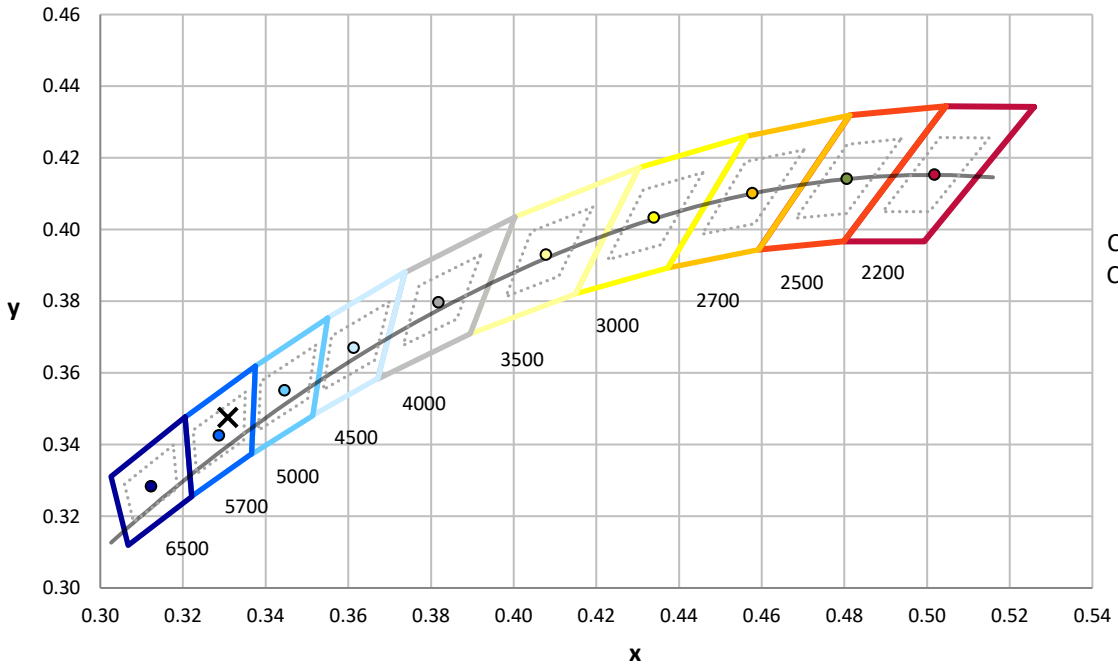
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-7

CIE 1931 Chromaticity Diagram



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

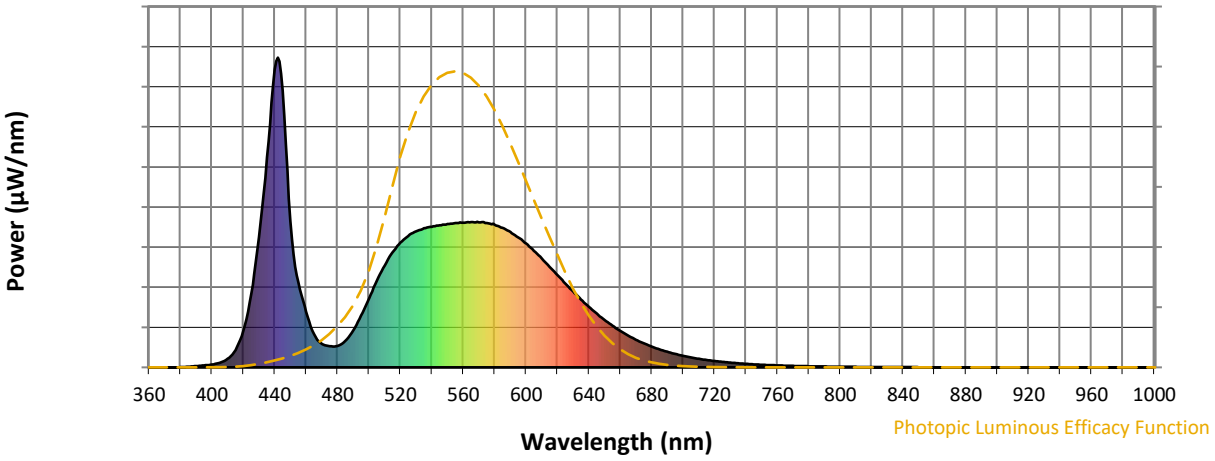


CCT = 5571K
CIE x = 0.3308
CIE y = 0.3476
Duv = 0.0041

Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-7

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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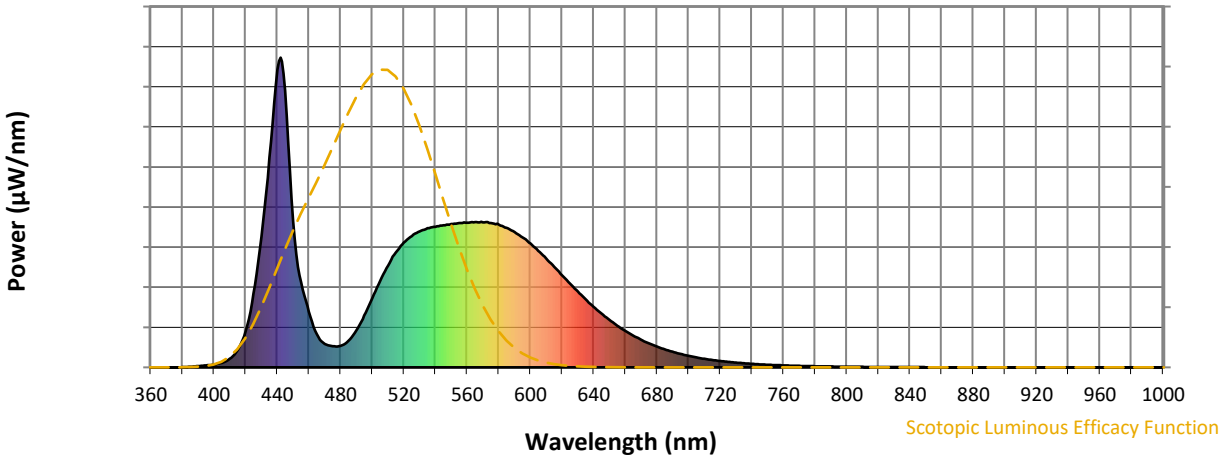
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.84**

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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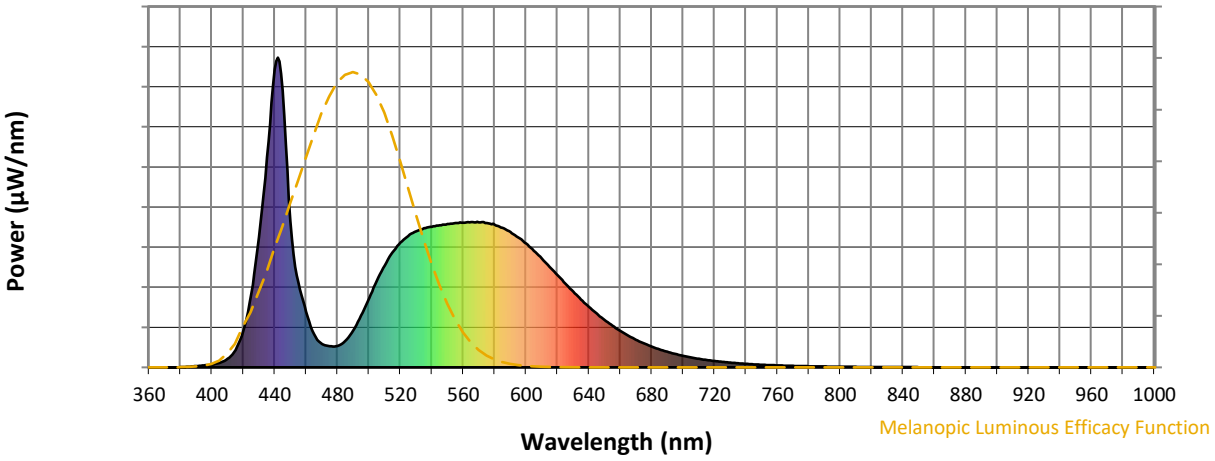
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.71**

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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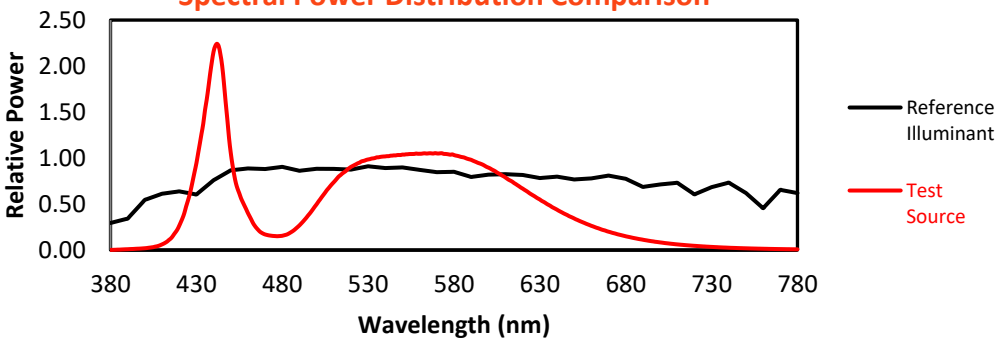
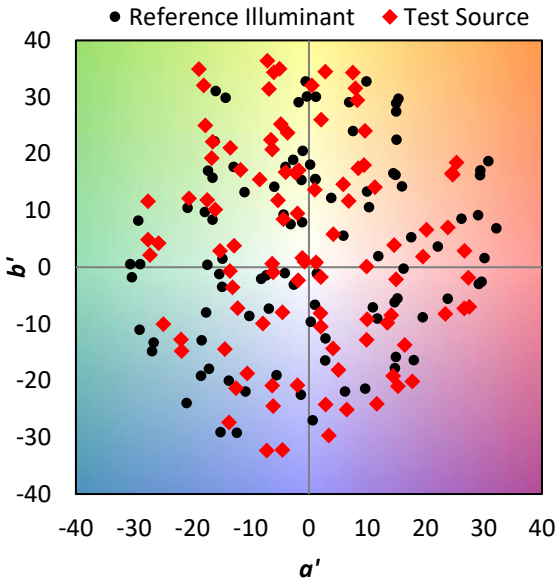
Summary

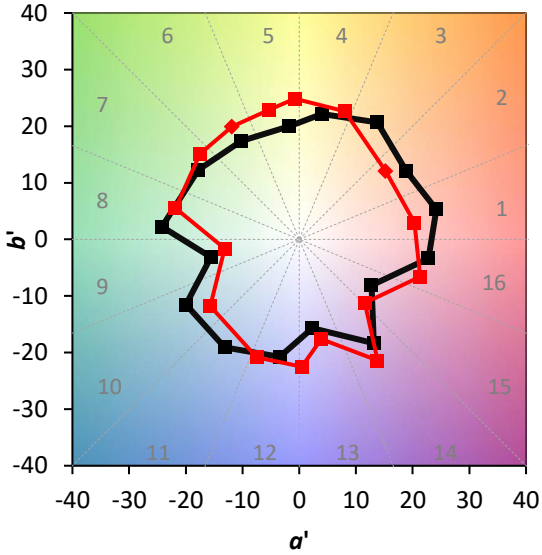
R_f = 70.4
R_g = 97.1
CIE R_a = 69.9
R_9 = -35.4

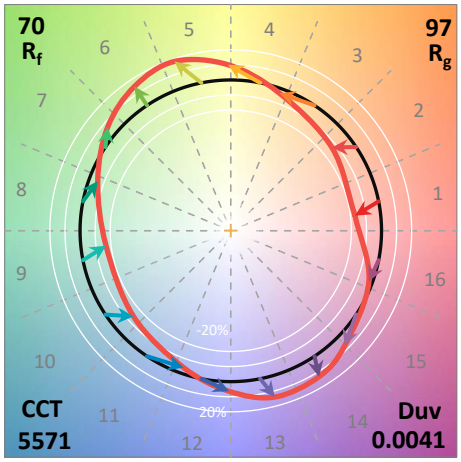
Spectral Power Distribution Comparison

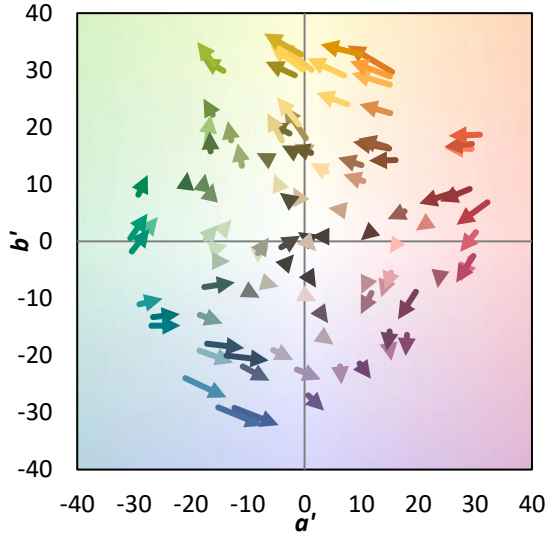


Color Vector Graphics









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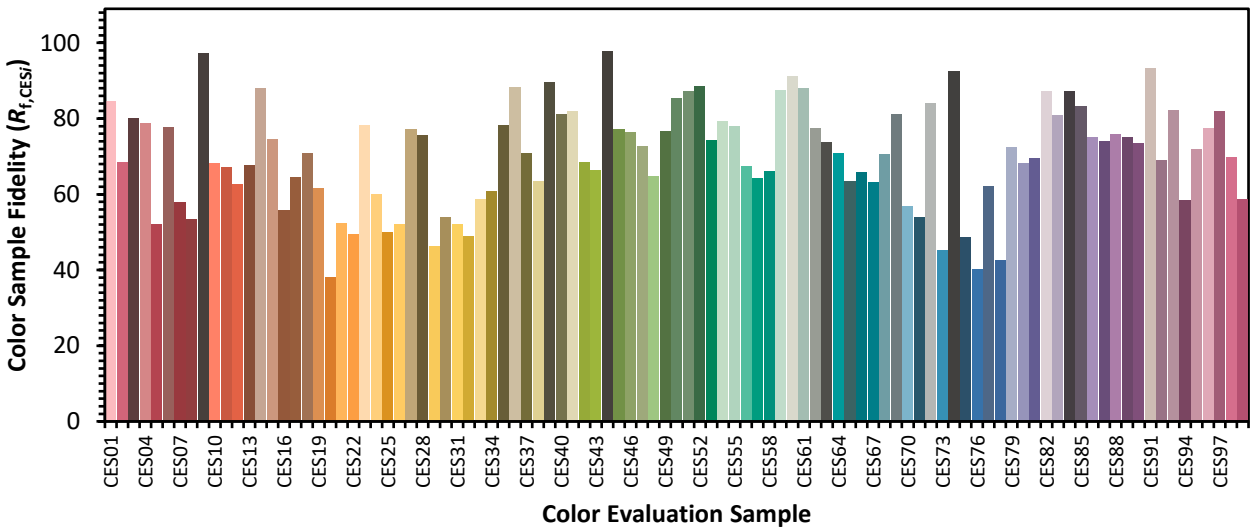
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



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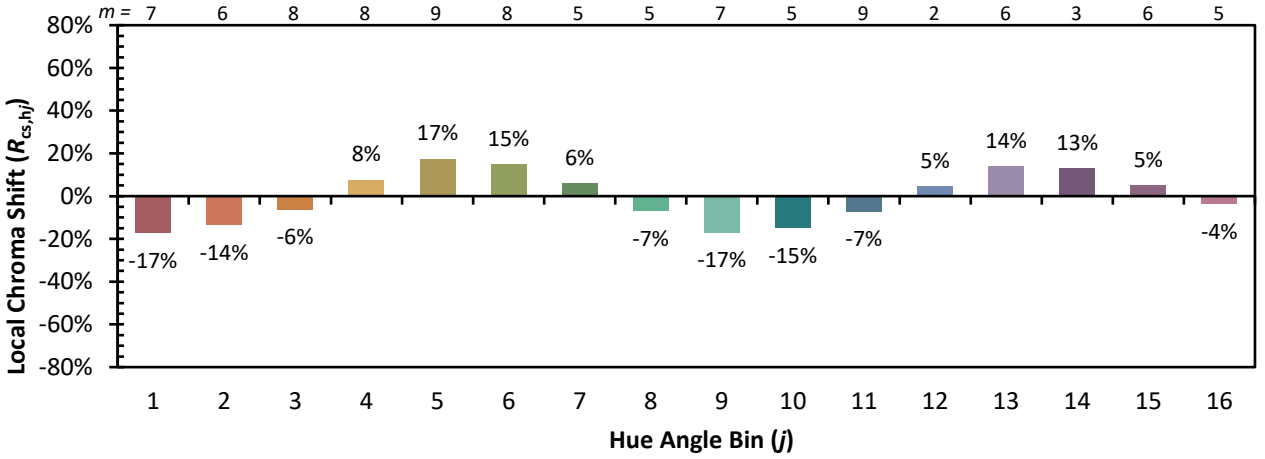
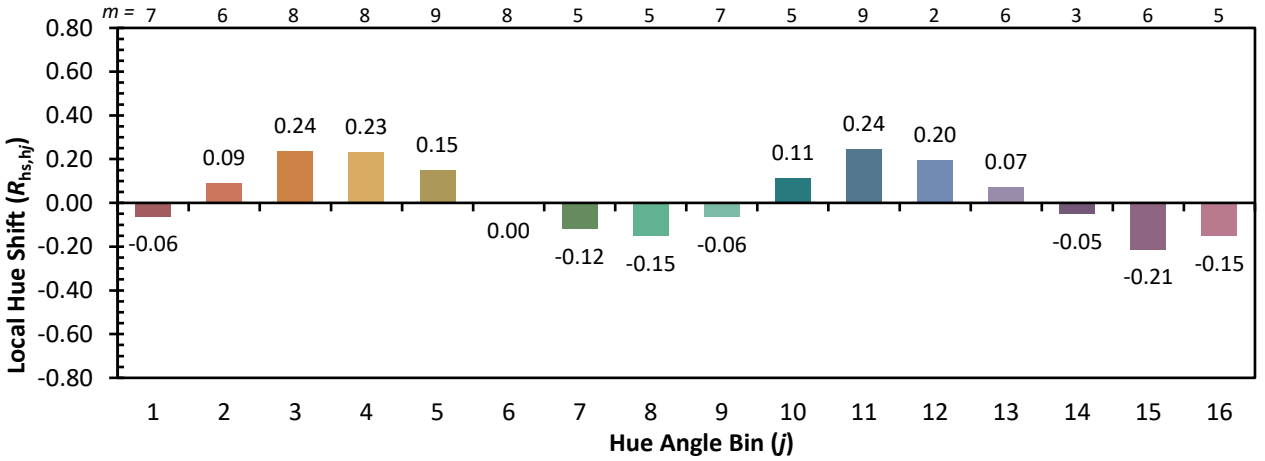
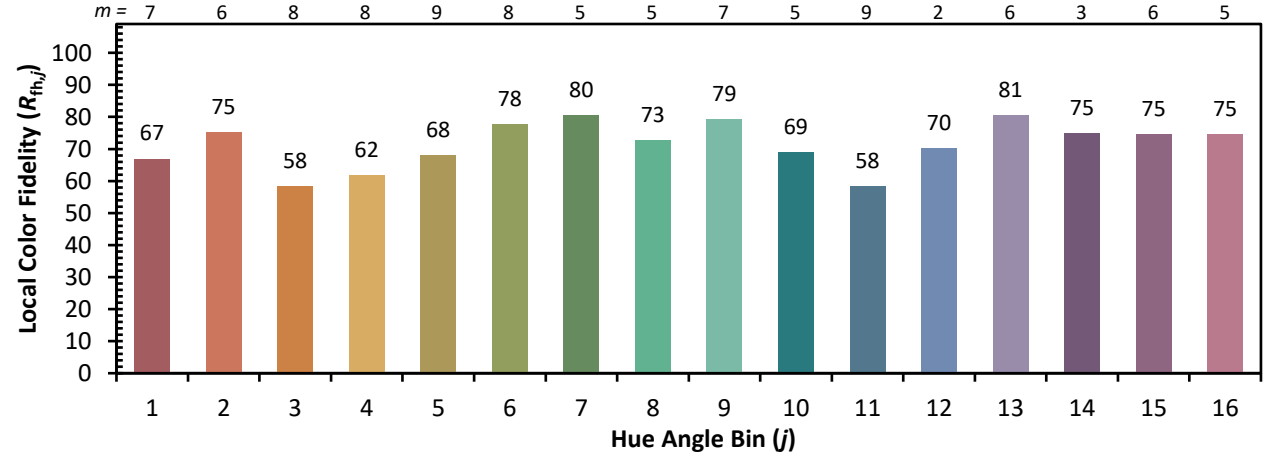
Color Rendition by Hue-Angle Bin







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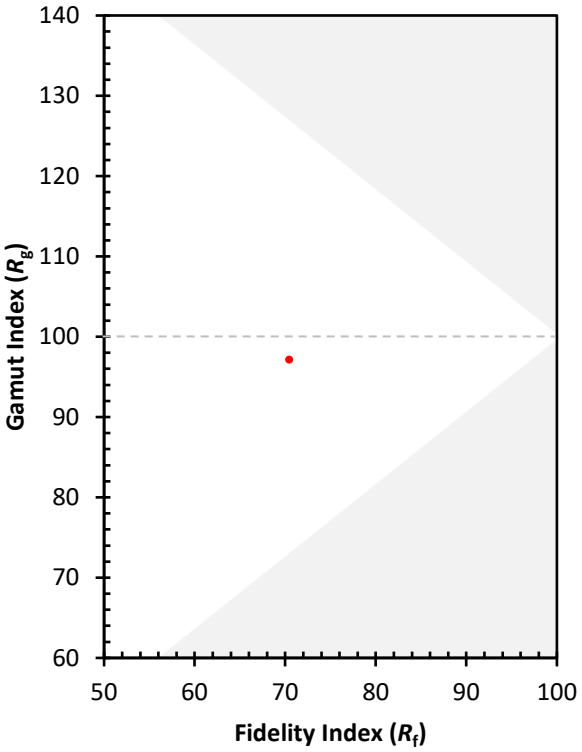
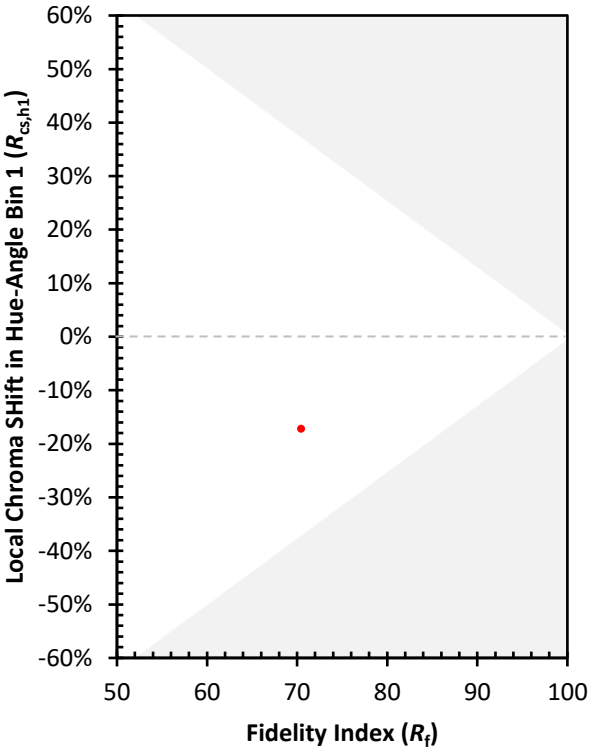
Measure Comparisons





(END OF REPORT)