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: P1048434

Luminaire Tested: **GALN-SA5B-750-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:	P1048434
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5B-750-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE 70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(70) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22680 lumens
Efficiency:	N/A
Efficacy:	126.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	178.8
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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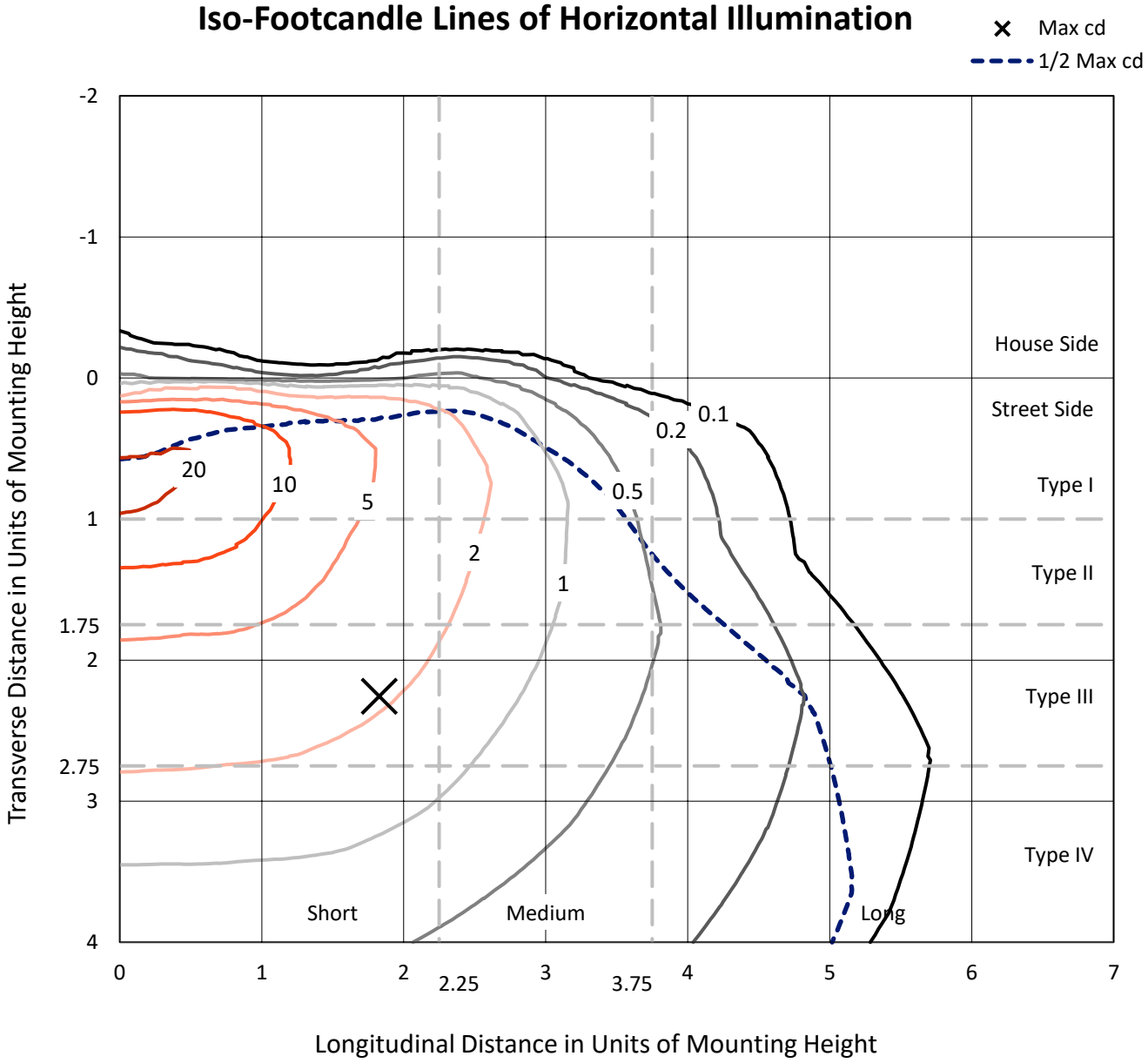
REPORT NUMBER: P1048434
CATALOG NUMBER: GALN-SA5B-750-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 23.3 fc
Type IV - Short - N/A

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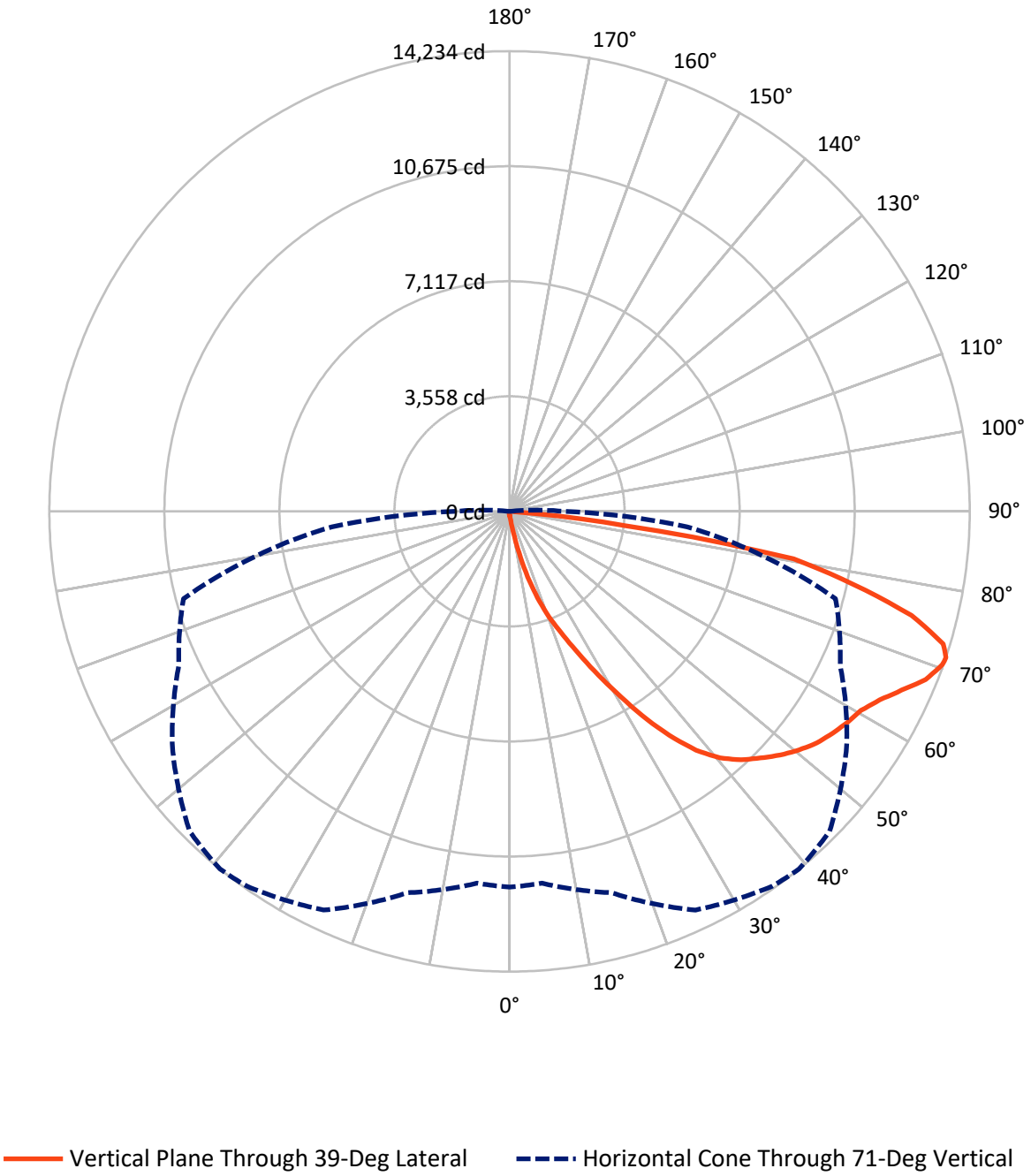
Luminous Intensity Polar Plot



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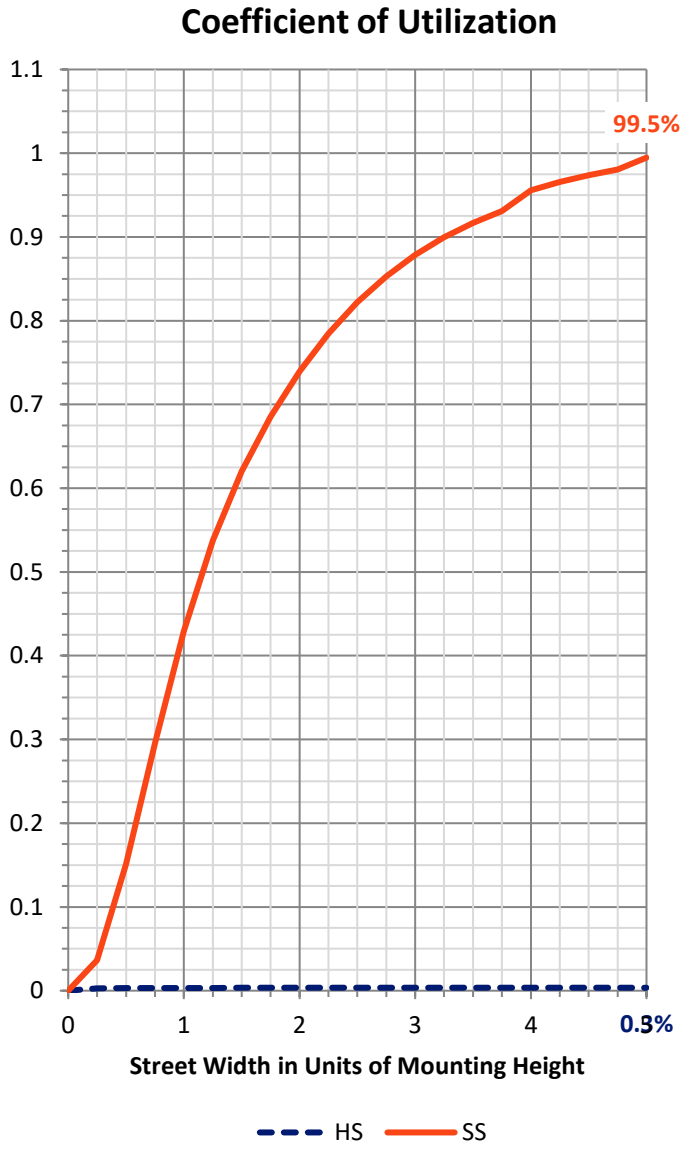
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	80.6	0.0	80.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22599.5	0.0	22599.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	22680.0	0.0	22680.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.0	0.1
10°-20°	242.4	1.1
20°-30°	863.3	3.8
30°-40°	2080.5	9.2
40°-50°	3481.9	15.4
50°-60°	4472.1	19.7
60°-70°	5659.5	25.0
70°-80°	5045.7	22.2
80°-90°	815.6	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°	22680.0	100.0
0°-180°	22680.0	100.0



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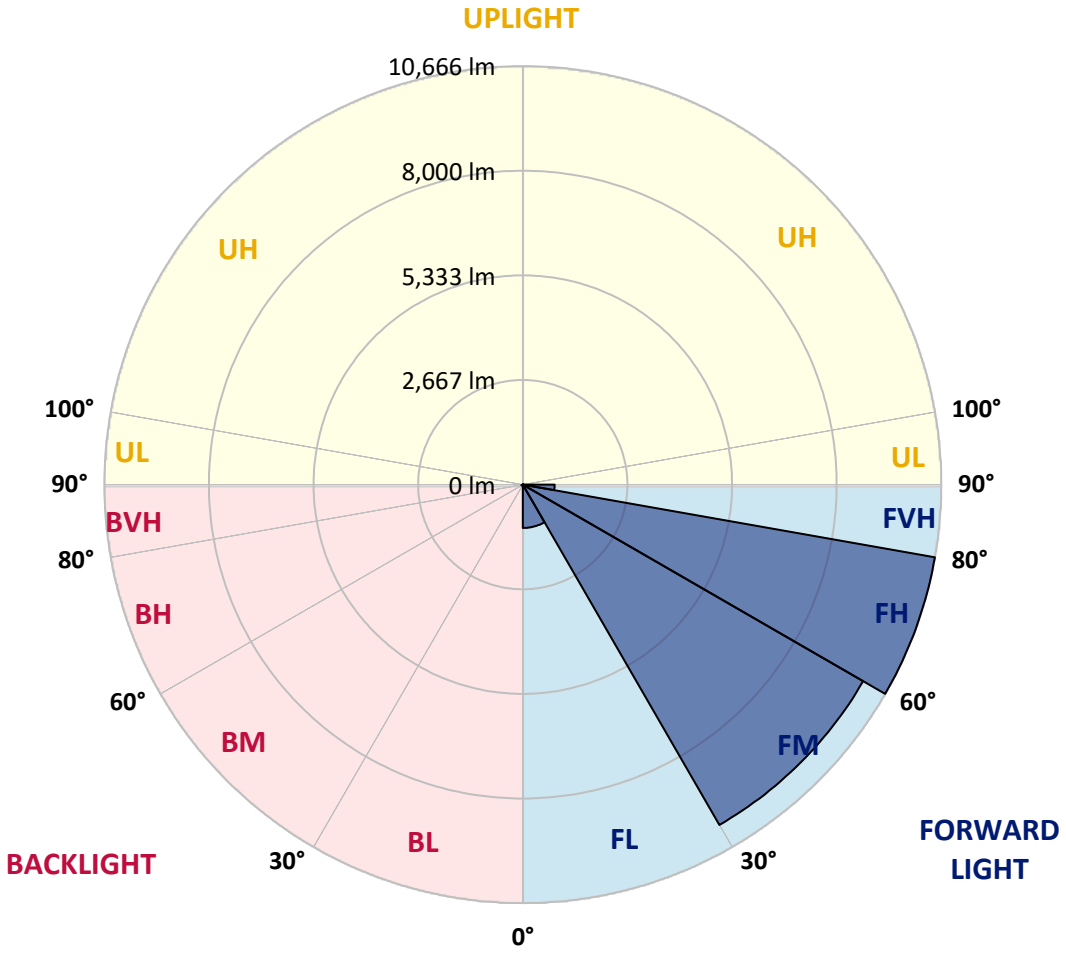
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1105.1	4.9			
FM	(30°-60°)	10016.0	44.2			
FH	(60°-80°)	10666.5	47.0			G4/12000
FVH	(80°-90°)	811.9	3.6			G5
BL	(0°-30°)	19.5	0.1	B0/110		
BM	(30°-60°)	18.7	0.1	B0/220		
BH	(60°-80°)	38.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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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REPORT NUMBER: P1048434
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	124.4	124.4	124.4	124.4	124.4	*124.4*	124.4	124.4	124.4	124.4	124.4
2.5°	142.8	142.8	142.8	138.2	138.2	*136.6*	135.1	135.1	132.0	130.5	127.4
5°	216.5	211.9	201.1	195.0	182.7	*175.0*	167.3	156.6	145.9	138.2	129.0
7.5°	489.8	500.5	465.2	399.2	331.6	*302.5*	253.3	204.2	168.9	145.9	130.5
10°	1248.2	1242.1	1122.3	990.3	764.6	*674.0*	528.2	333.2	218.0	159.7	132.0
12.5°	2123.3	2117.2	1976.0	1796.3	1498.5	*1309.6*	1033.3	621.8	313.2	181.2	132.0
15°	2858.8	2834.2	2789.7	2611.6	2263.1	*2104.9*	1739.5	1099.3	506.7	218.0	135.1
17.5°	3345.5	3324.0	3282.5	3218.0	2996.9	*2809.6*	2516.4	1727.2	819.9	282.5	141.2
20°	3792.2	3776.9	3743.1	3730.8	3588.0	*3488.2*	3245.7	2448.8	1277.4	383.8	150.5
22.5°	4406.4	4374.1	4387.9	4314.2	4174.5	*4054.8*	3905.9	3204.2	1836.2	552.7	167.3
25°	5158.7	5143.3	5104.9	5052.7	4859.3	*4754.9*	4526.1	3916.6	2461.1	773.8	185.8
27.5°	6067.6	6050.7	6041.5	5921.7	5699.1	*5585.5*	5266.1	4589.1	3164.3	1083.9	210.3
30°	7114.7	7122.3	7062.5	6908.9	6649.5	*6489.8*	6161.2	5293.8	3884.4	1447.8	236.4
32.5°	8198.6	8183.3	8091.1	7910.0	7678.1	*7529.2*	7111.6	6066.0	4639.7	1928.4	267.1
35°	9367.0	9337.8	9095.2	8888.0	8689.9	*8502.6*	8121.8	6962.7	5395.1	2467.3	308.6
37.5°	10546.1	10409.5	9922.8	9660.2	9523.6	*9370.1*	9015.4	7919.2	6145.9	3069.1	359.3
40°	11436.6	11330.7	10753.4	10269.8	10160.7	*10030.2*	9766.2	8745.2	6944.3	3715.5	420.7
42.5°	11929.4	11871.1	11352.2	10874.7	10618.3	*10503.1*	10277.4	9466.8	7733.4	4429.4	509.7
45°	12139.8	12049.2	11702.2	11479.6	11071.2	*10880.8*	10612.1	10011.8	8557.9	5240.0	634.1
47.5°	12075.3	12023.1	11774.4	11855.7	11559.4	*11263.1*	10868.5	10429.4	9262.6	6170.5	804.5
50°	11670.0	11625.4	11548.7	11989.3	11952.5	*11602.4*	11200.2	10759.5	9838.3	7130.0	1068.6
52.5°	10899.2	10880.8	11077.3	11884.9	12175.1	*11901.8*	11519.5	11051.2	10375.7	8132.6	1446.3
55°	9905.9	9981.1	10543.0	11722.2	12288.7	*12122.9*	11802.0	11324.5	10807.1	9029.2	2003.6
57.5°	9497.5	9517.4	10219.1	11607.0	12339.4	*12317.9*	12076.8	11585.5	11203.2	9746.2	2854.2
60°	9975.0	9944.3	10314.3	11694.5	12440.7	*12492.9*	12320.9	11828.1	11547.1	10361.9	3987.2
62.5°	10837.8	10820.9	10939.2	12067.6	12737.0	*12843.0*	12660.2	12003.1	11851.1	10767.2	5280.0
65°	11608.6	11573.2	11792.8	12729.3	13257.5	*13332.7*	13173.0	12302.5	11984.7	11062.0	6494.4
67.5°	11941.7	11934.0	12287.2	13358.8	13804.1	*13885.4*	13745.7	12715.5	11954.0	11155.6	7030.2
70°	11789.7	11760.5	12325.5	13626.0	14112.7	*14204.8*	14069.7	12869.1	11620.8	10859.3	6236.5
71°	*11622.4*	*11544.1*	*12210.4*	*13607.5*	*14155.6*	*14233.9*	*13997.5*	*12729.3*	*11286.1*	*10438.6*	*5516.4*
72.5°	11103.4	11117.3	11894.1	13415.6	14052.8	*14029.8*	13589.1	12228.8	10882.3	9483.7	4430.9
75°	9826.0	9907.4	10870.1	12609.6	13134.7	*12841.4*	12167.4	11272.3	10071.7	6799.9	3076.8
77.5°	8029.7	8151.0	9208.8	11058.9	10910.0	*10880.8*	10853.2	9932.0	8600.9	3652.5	2140.2
80°	3833.7	4096.2	5554.8	7894.6	8576.3	*8906.4*	8699.1	8003.6	6651.0	1739.5	1278.9
82.5°	250.3	247.2	350.1	663.3	2795.8	*3614.1*	5742.1	5720.6	4636.7	847.5	522.0
85°	118.2	121.3	133.6	152.0	176.6	*193.5*	267.1	1566.0	2218.5	403.8	113.6
87.5°	69.1	70.6	82.9	105.9	138.2	*153.5*	182.7	234.9	288.6	222.6	24.6
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-SA5B-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
2.5°	125.9	124.4	119.8	115.1	110.5	107.5	105.9	107.5	107.5	109.0	109.0
5°	125.9	121.3	113.6	104.4	98.3	92.1	89.0	87.5	89.0	89.0	89.0
7.5°	124.4	116.7	105.9	95.2	87.5	79.8	76.8	75.2	75.2	76.8	76.8
10°	121.3	113.6	99.8	87.5	78.3	69.1	64.5	59.9	59.9	59.9	61.4
12.5°	119.8	109.0	92.1	79.8	67.6	56.8	47.6	43.0	44.5	44.5	44.5
15°	116.7	104.4	87.5	72.2	56.8	43.0	35.3	30.7	32.2	33.8	32.2
17.5°	116.7	102.9	81.4	62.9	44.5	32.2	26.1	23.0	23.0	24.6	24.6
20°	116.7	99.8	76.8	53.7	33.8	24.6	18.4	16.9	16.9	20.0	21.5
22.5°	119.8	99.8	70.6	44.5	27.6	18.4	13.8	12.3	13.8	16.9	18.4
25°	124.4	98.3	64.5	39.9	23.0	13.8	10.7	7.7	9.2	12.3	13.8
27.5°	129.0	96.7	58.3	35.3	18.4	10.7	7.7	6.1	4.6	6.1	6.1
30°	133.6	96.7	52.2	29.2	15.4	7.7	4.6	3.1	1.5	0.0	0.0
32.5°	136.6	93.7	47.6	23.0	12.3	6.1	3.1	1.5	0.0	0.0	0.0
35°	139.7	90.6	41.5	18.4	9.2	4.6	1.5	0.0	0.0	0.0	0.0
37.5°	142.8	86.0	35.3	15.4	7.7	3.1	0.0	0.0	0.0	0.0	0.0
40°	145.9	79.8	29.2	13.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	148.9	75.2	24.6	10.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	156.6	72.2	20.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	170.4	69.1	18.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	190.4	66.0	16.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	218.0	64.5	15.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	267.1	62.9	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	351.6	61.4	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	538.9	58.3	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	962.6	56.8	12.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1678.1	58.3	12.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2405.8	61.4	10.7	4.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	2058.9	53.7	10.7	6.1	3.1	1.5	0.0	0.0	0.0	0.0	0.0
71°	*1678.1*	*47.6*	*10.7*	*6.1*	*3.1*	*1.5*	*1.5*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1079.3	36.8	9.2	6.1	3.1	3.1	1.5	0.0	0.0	0.0	0.0
75°	456.0	30.7	9.2	6.1	4.6	3.1	3.1	1.5	0.0	0.0	0.0
77.5°	195.0	23.0	9.2	7.7	6.1	4.6	4.6	3.1	1.5	0.0	0.0
80°	73.7	18.4	10.7	9.2	7.7	7.7	6.1	3.1	1.5	0.0	0.0
82.5°	33.8	15.4	10.7	9.2	9.2	7.7	6.1	4.6	3.1	0.0	0.0
85°	21.5	13.8	10.7	9.2	9.2	7.7	7.7	4.6	3.1	0.0	0.0
87.5°	16.9	13.8	10.7	10.7	9.2	9.2	6.1	4.6	1.5	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

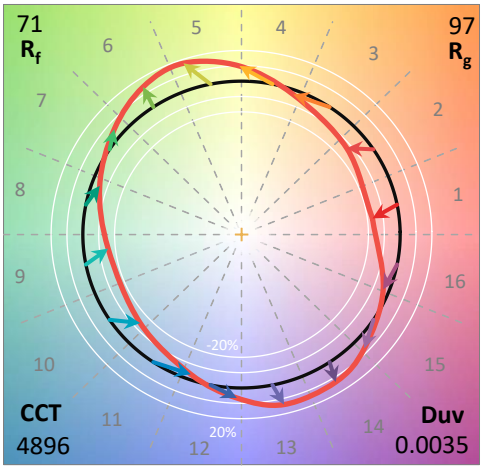
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-6
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-750-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896
CIE u':	0.2101
CIE v':	0.4901
Duv:	0.0035
CIE x:	0.3489
CIE y:	0.3618
CIE z:	0.2893
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	570
Purity:	13.25435
Rf:	70.7
Rg:	96.8

CRI (Ra):	70.2
R1:	68.1
R2:	73.9
R3:	79.4
R4:	72.1
R5:	69.2
R6:	65.7
R7:	78.1
R8:	55.3
R9:	-35.1
R10:	39.3
R11:	71.1
R12:	43.8
R13:	68.1
R14:	88.4
R15:	59.7



Test Conditions

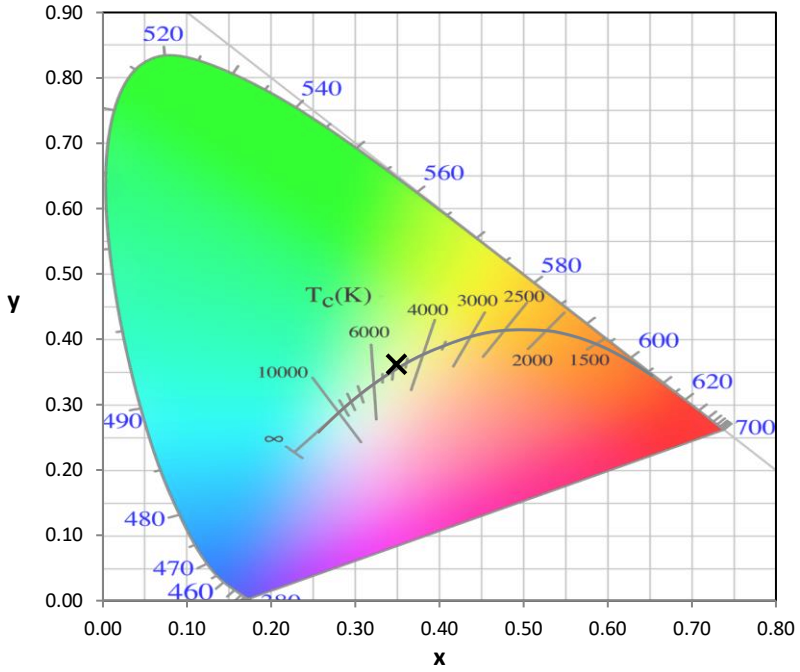
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-6

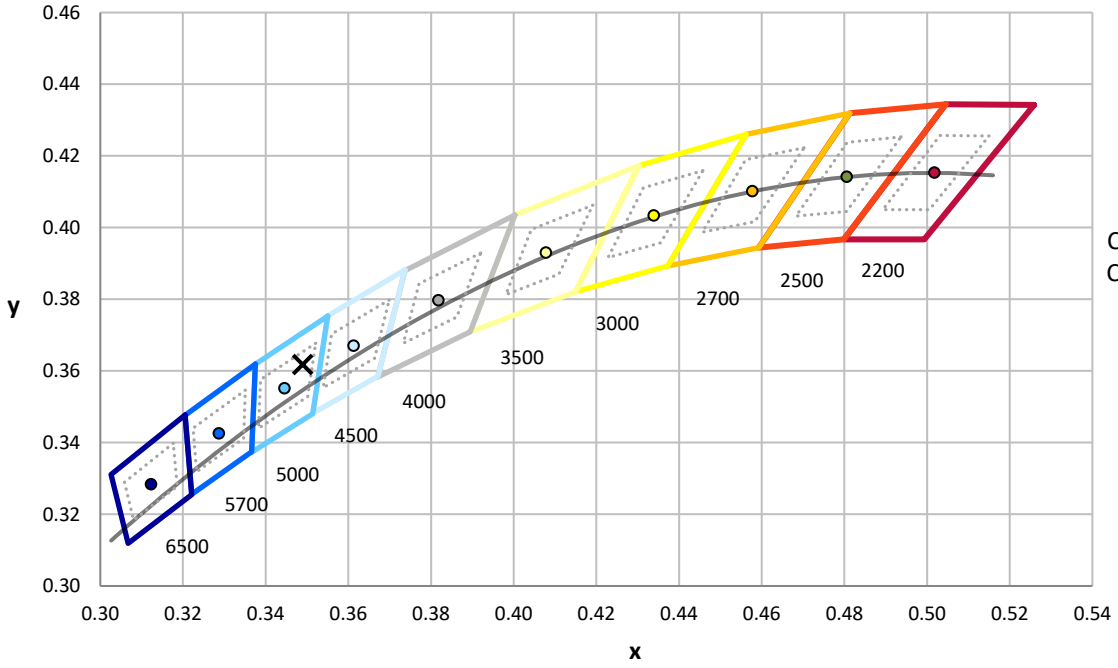
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



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

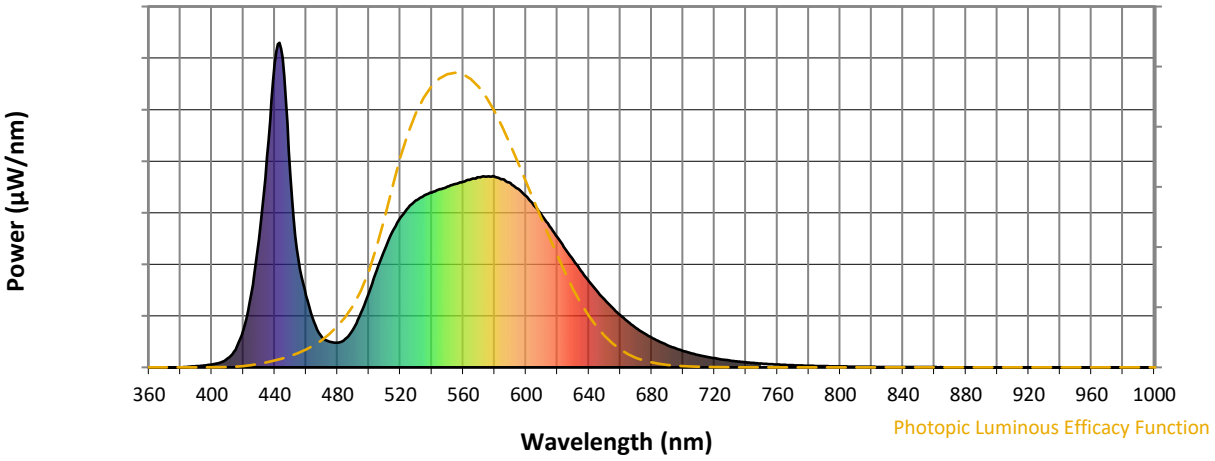


CCT = 4896K
CIE x = 0.3489
CIE y = 0.3618
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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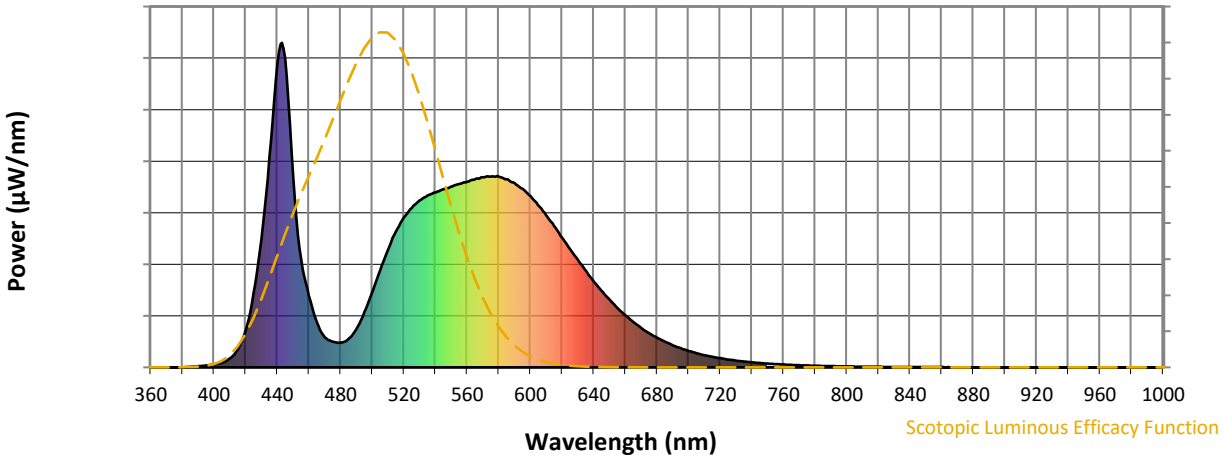
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.7**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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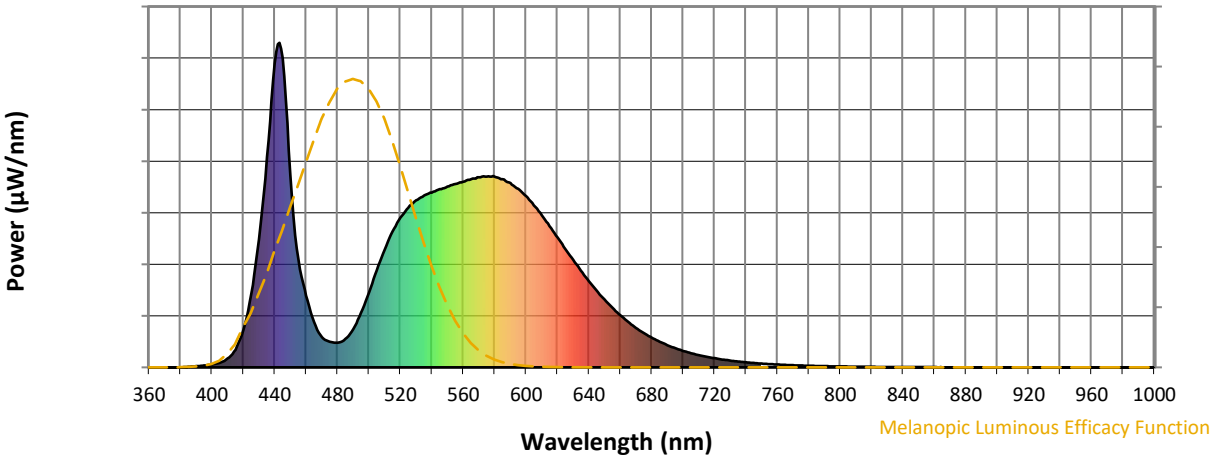
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.37**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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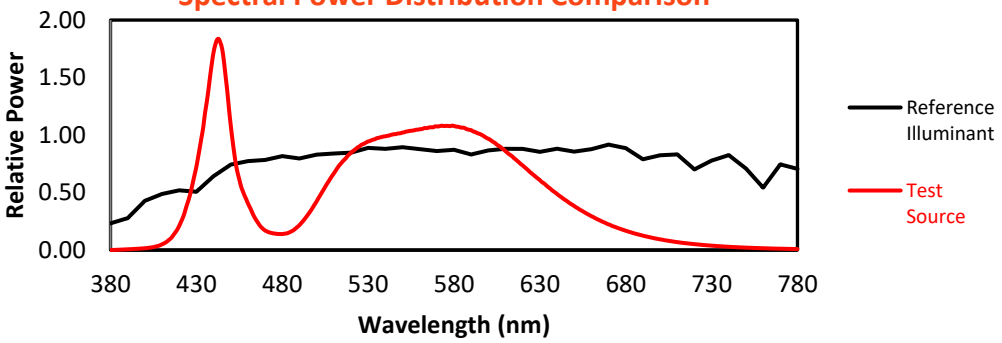
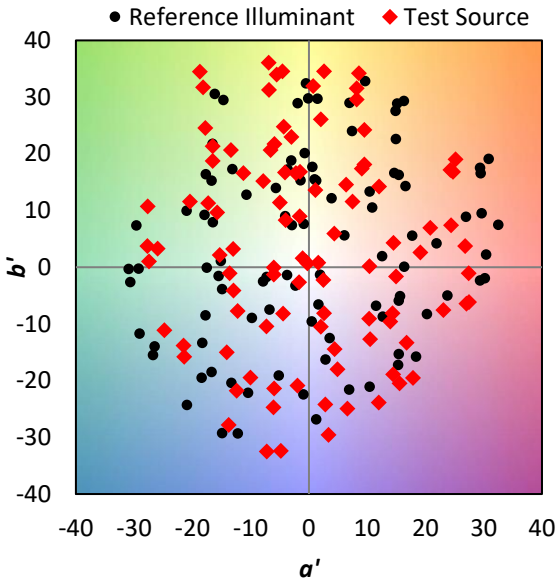
Summary

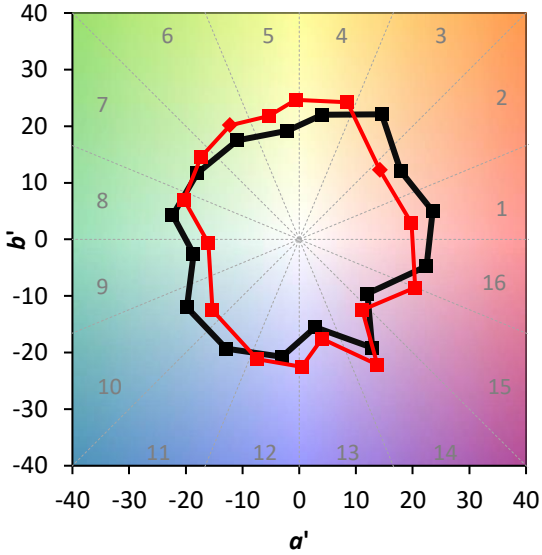
R_f = 70.7
R_g = 96.8
CIE R_a = 70.2
R_9 = -35.1

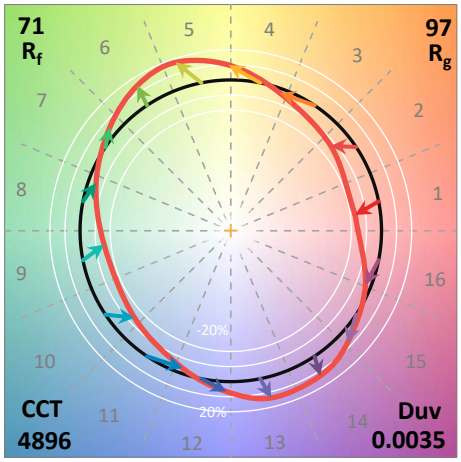
Spectral Power Distribution Comparison

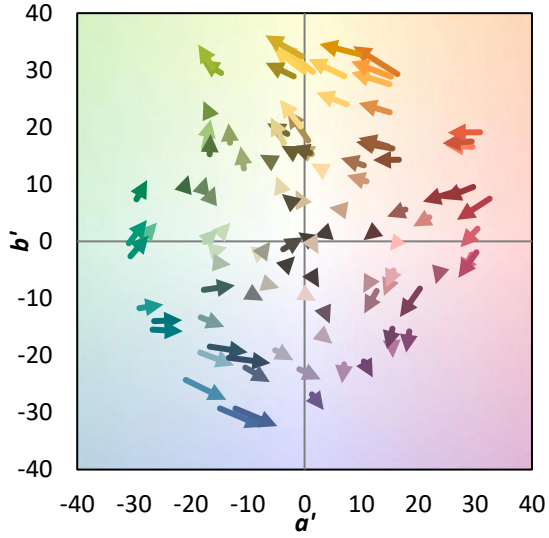


Color Vector Graphics









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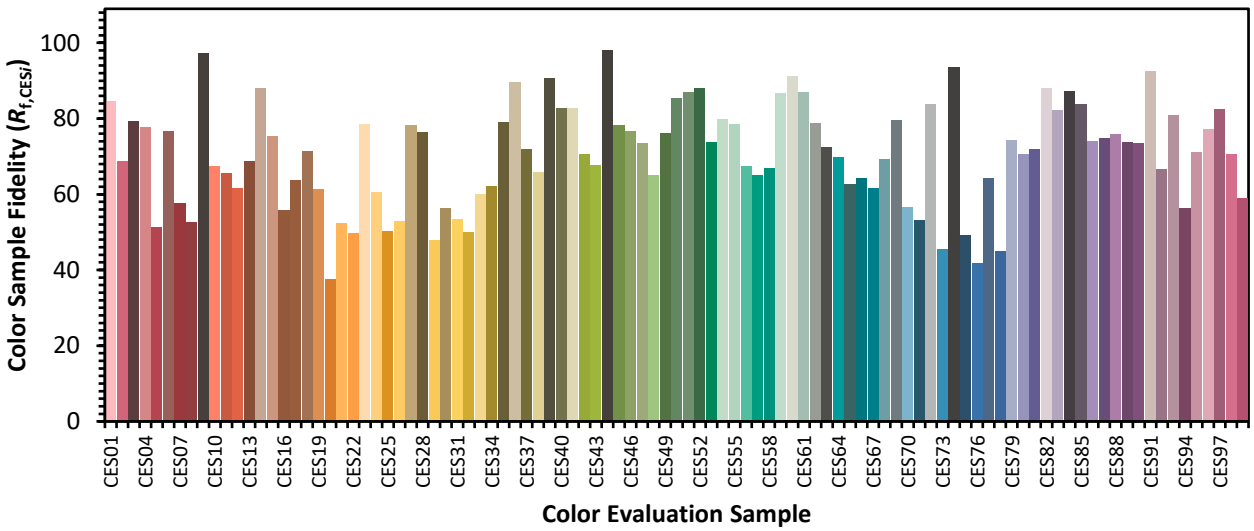
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



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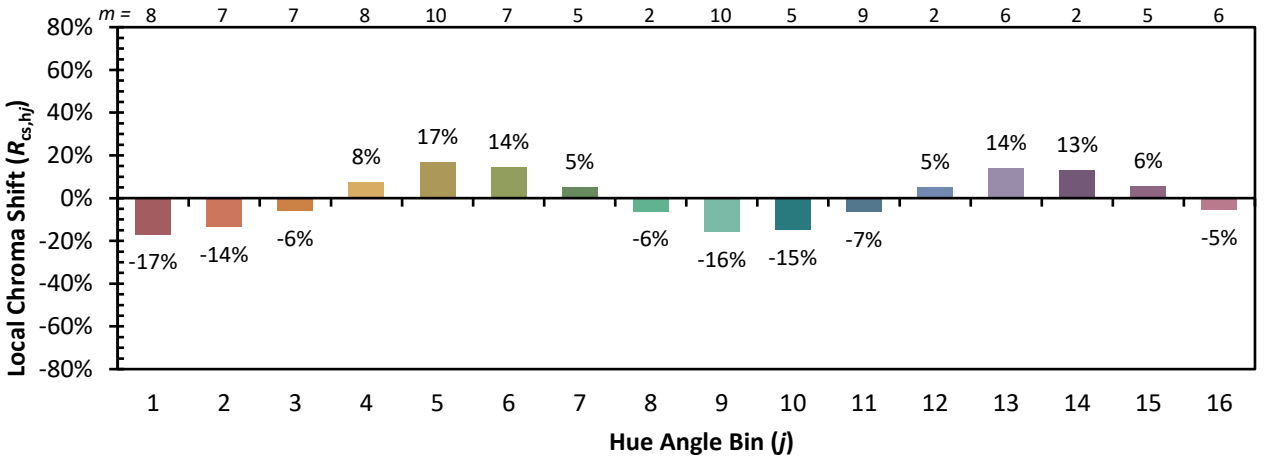
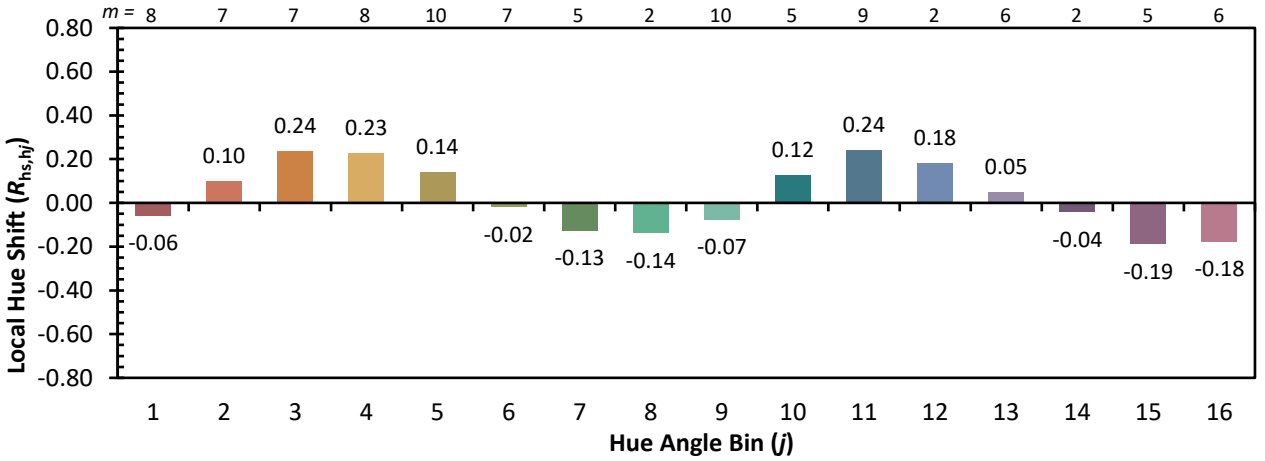
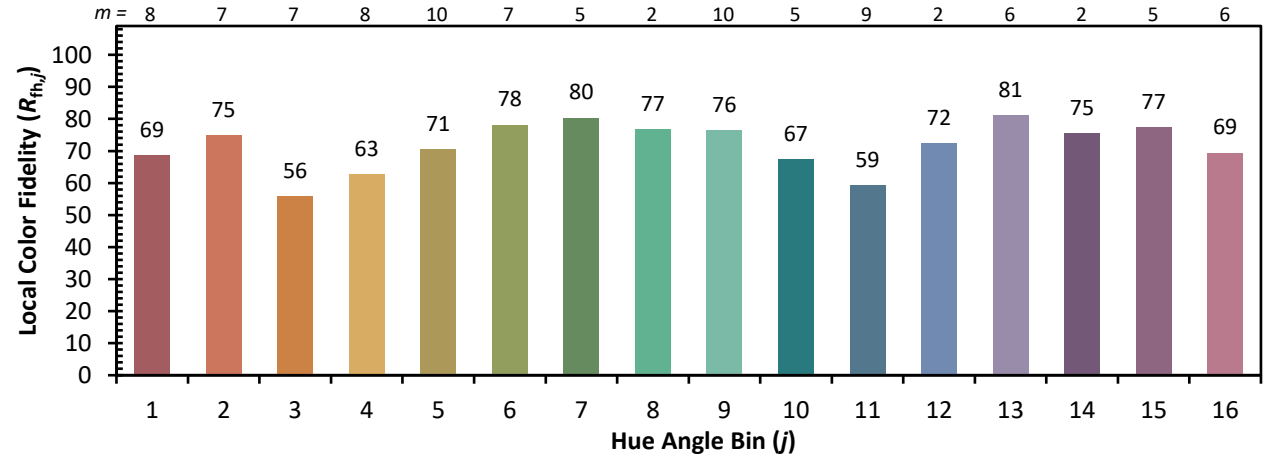
Color Rendition by Hue-Angle Bin







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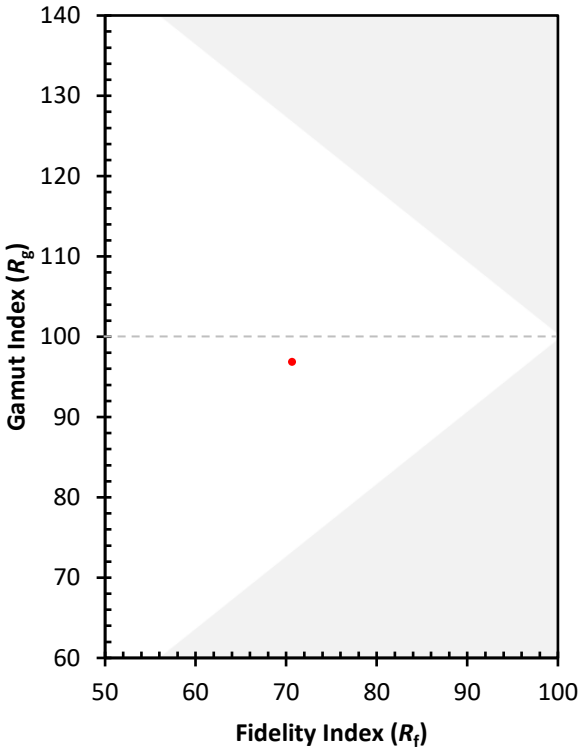
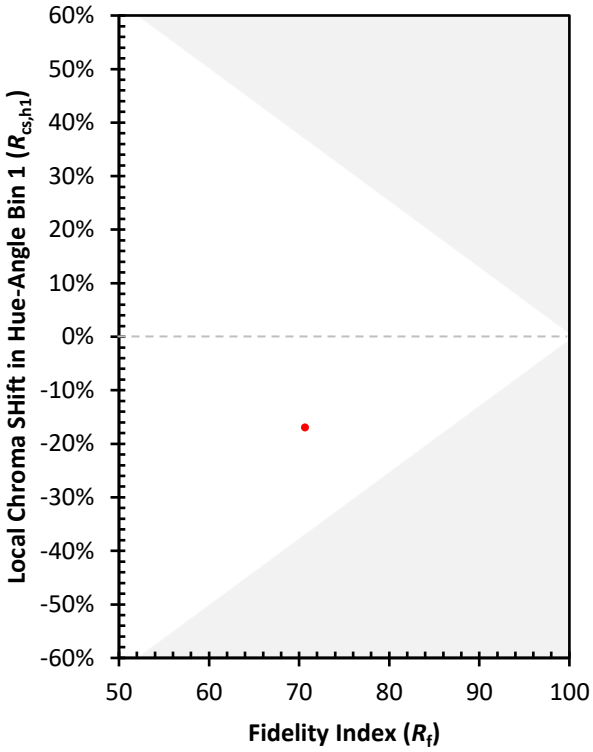
Measure Comparisons





(END OF REPORT)