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: P1047082

Luminaire Tested: **GALN-SA9B-722-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:	P1047082
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9B-722-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE 70CRI 2200K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(126) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	30392 lumens
Efficiency:	N/A
Efficacy:	97.2 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):	312.7
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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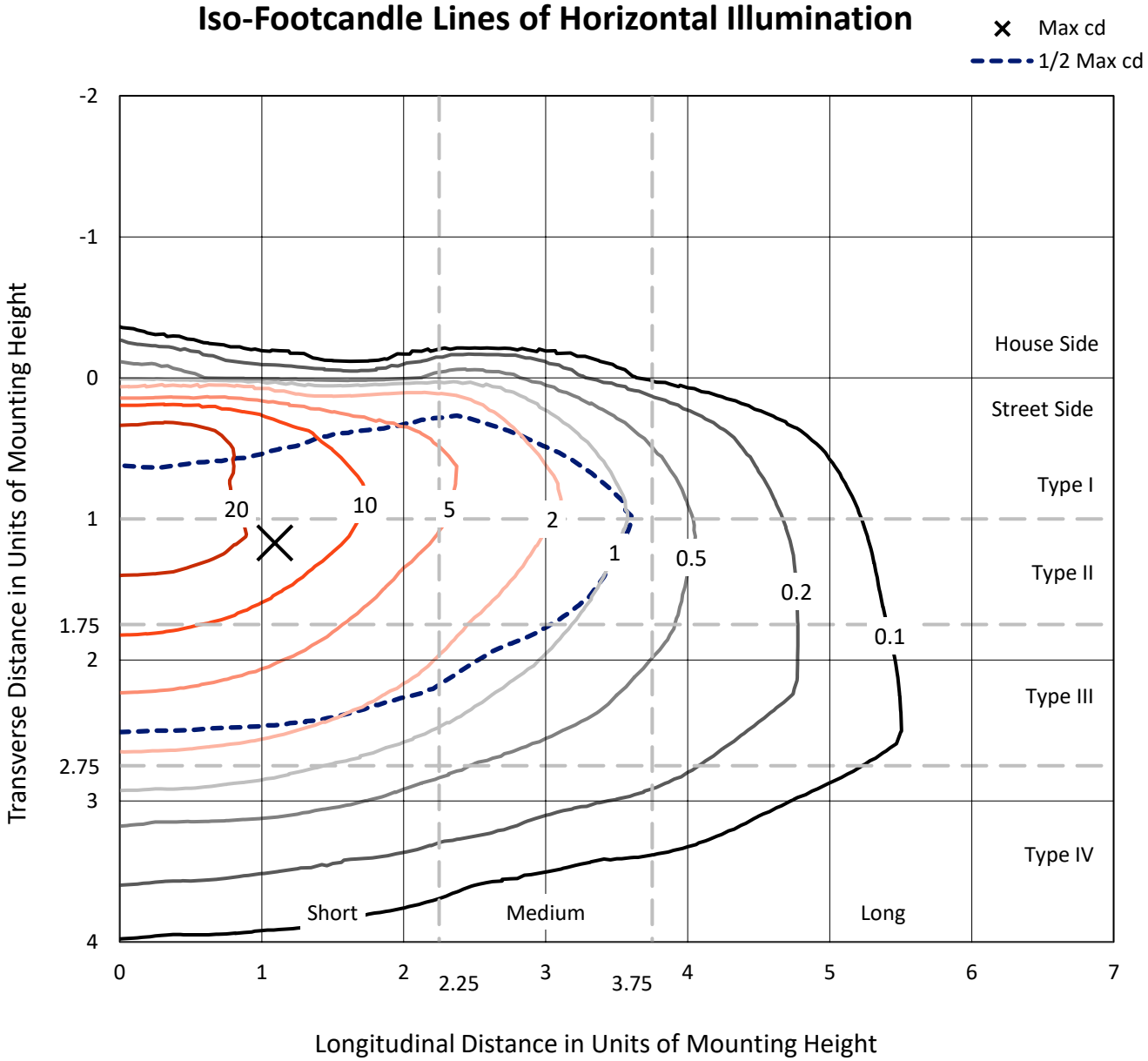
REPORT NUMBER: P1047082
CATALOG NUMBER: GALN-SA9B-722-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 34.1 fc
Type III - Short - N/A

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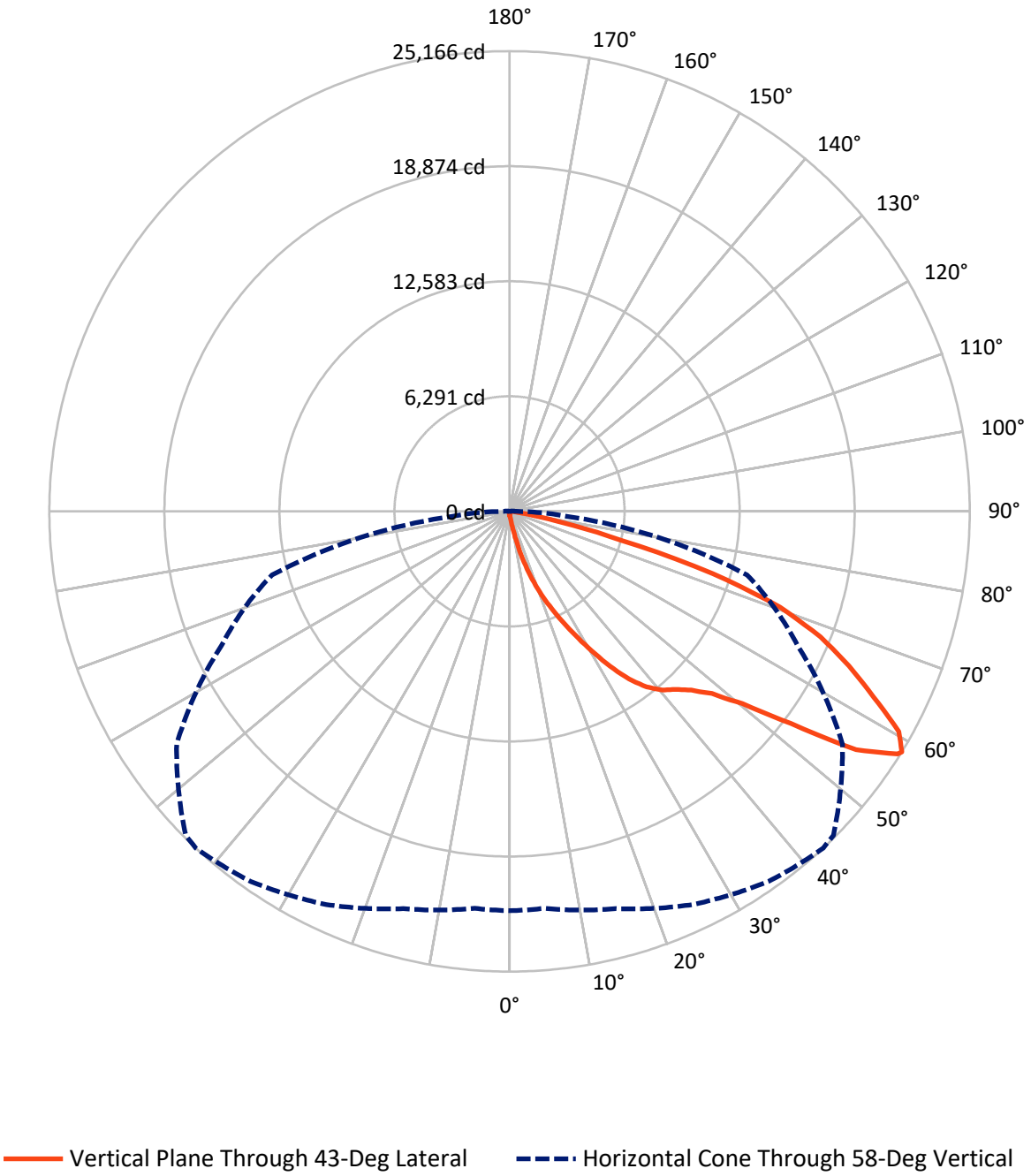
Luminous Intensity Polar Plot



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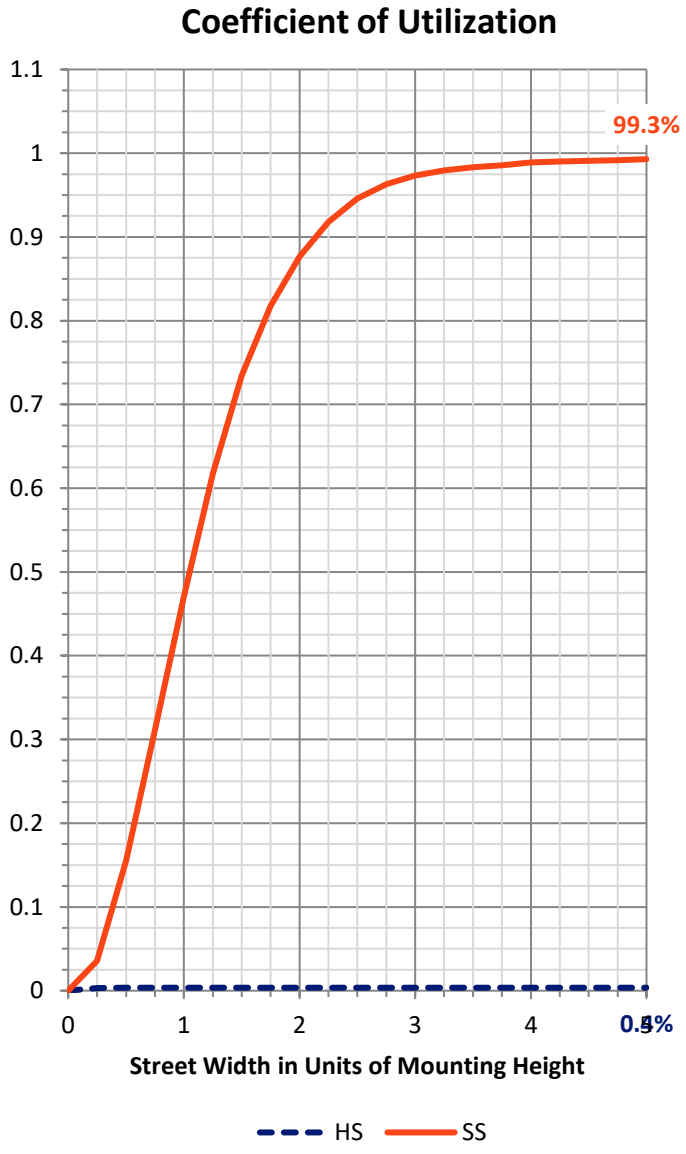
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	110.9	0.0	110.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30281.1	0.0	30281.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	30392.0	0.0	30392.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.1	0.1
10°-20°	349.3	1.1
20°-30°	1259.2	4.1
30°-40°	2881.0	9.5
40°-50°	4859.1	16.0
50°-60°	8018.6	26.4
60°-70°	8961.9	29.5
70°-80°	3700.2	12.2
80°-90°	333.6	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°	30392.0	100.0
0°-180°	30392.0	100.0



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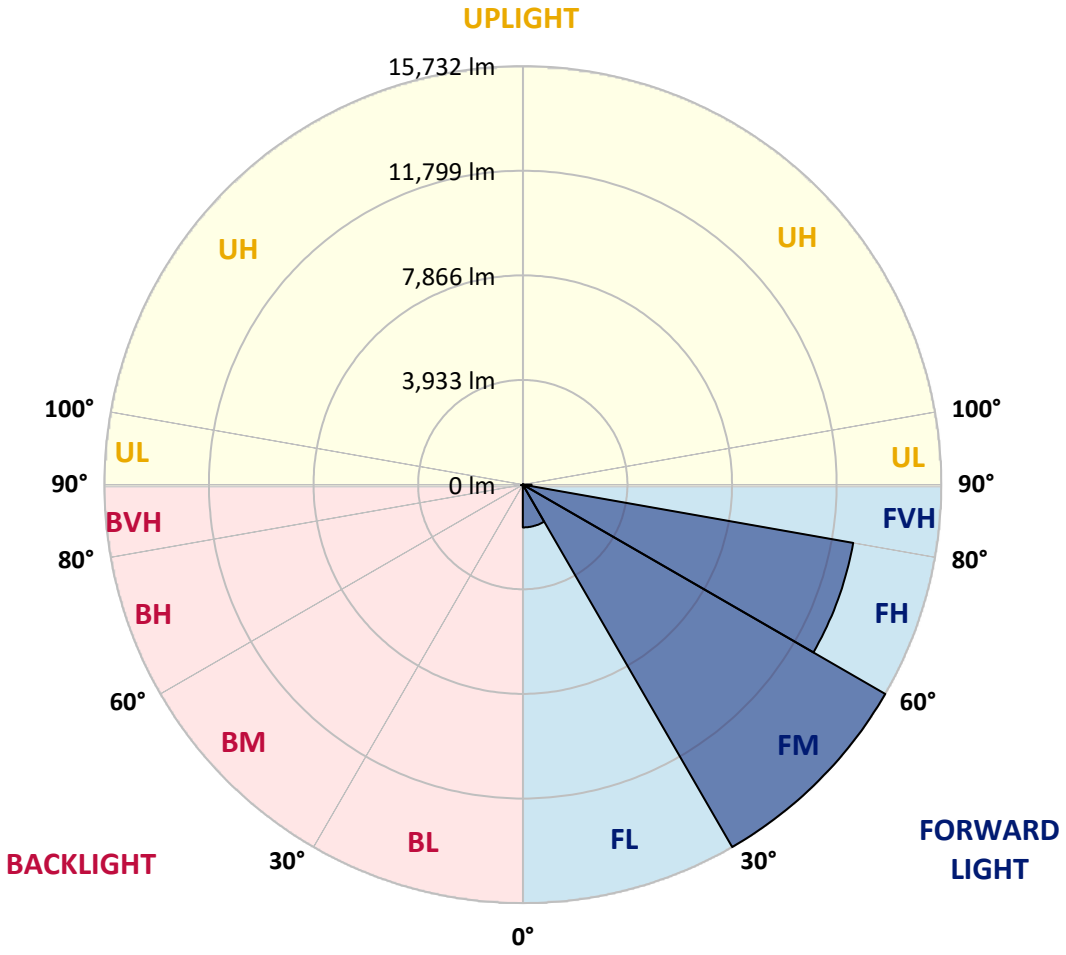
CATALOG NUMBER: GALN-SA9B-722-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1608.7	5.3			
FM	(30°-60°)	15732.1	51.8			
FH	(60°-80°)	12611.3	41.5			G5
FVH	(80°-90°)	329.0	1.1			G3/500
BL	(0°-30°)	28.9	0.1	B0/110		
BM	(30°-60°)	26.6	0.1	B0/220		
BH	(60°-80°)	50.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.6	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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REPORT NUMBER: P1047082
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	198.7	198.7	198.7	198.7	198.7	*198.7*	198.7	198.7	198.7	198.7	198.7
2.5°	238.5	246.4	238.5	238.5	238.5	*230.5*	230.5	222.6	222.6	214.6	206.7
5°	349.7	349.7	325.9	310.0	294.1	*286.2*	278.2	262.3	246.4	230.5	214.6
7.5°	779.0	779.0	707.4	612.1	484.9	*413.3*	397.4	325.9	278.2	246.4	214.6
10°	1860.0	1860.0	1701.0	1438.7	1112.8	*826.7*	739.2	469.0	333.8	262.3	222.6
12.5°	3092.1	3131.8	2933.1	2599.2	2114.4	*1613.6*	1438.7	858.5	445.1	286.2	222.6
15°	4197.0	4101.6	4045.9	3728.0	3266.9	*2670.8*	2448.2	1446.7	643.9	325.9	222.6
17.5°	4944.1	4944.1	4864.6	4650.0	4228.7	*3704.1*	3521.3	2336.9	1041.3	373.6	230.5
20°	5818.5	5818.5	5675.4	5524.4	5150.8	*4705.7*	4530.8	3322.6	1613.6	476.9	230.5
22.5°	6875.7	6891.6	6732.6	6462.4	6104.7	*5611.8*	5460.8	4236.7	2336.9	635.9	238.5
25°	8163.4	8179.3	7948.8	7694.4	7145.9	*6613.4*	6382.9	5285.9	3219.3	890.3	238.5
27.5°	9586.2	9697.5	9355.7	8918.5	8338.3	*7670.6*	7495.7	6231.8	4093.6	1255.9	254.4
30°	11358.8	11358.8	10905.7	10293.7	9665.7	*8839.0*	8616.5	7225.4	5023.6	1740.8	270.3
32.5°	12885.0	12765.7	12185.5	11541.6	10873.9	*10102.9*	9864.4	8266.7	5977.5	2344.9	302.1
35°	14053.4	13950.1	13234.7	12543.2	11962.9	*11255.5*	10969.3	9395.4	6987.0	3028.5	349.7
37.5°	15055.0	15015.2	14045.5	13179.1	12797.5	*12177.5*	11923.2	10460.6	7980.6	3767.7	405.4
40°	16151.9	16024.7	14991.4	13918.3	13346.0	*12845.2*	12614.7	11319.1	8934.4	4634.1	484.9
42.5°	17089.9	16938.8	16008.8	14959.6	13981.9	*13306.2*	13083.7	12042.4	9864.4	5500.5	588.2
45°	18131.1	18051.7	17113.7	16318.8	15015.2	*13934.2*	13640.1	12622.6	10714.9	6533.9	723.3
47.5°	19697.1	19554.0	18679.6	18027.8	16517.5	*14888.0*	14466.8	13218.8	11533.7	7551.3	930.0
50°	21517.3	21421.9	20905.3	20388.6	18886.3	*16517.5*	16016.8	14077.3	12447.8	8759.5	1200.3
52.5°	23003.7	22987.8	23051.4	23059.4	21922.7	*19259.9*	18512.7	15460.4	13497.0	9951.9	1581.8
55°	22971.9	23043.5	23743.0	24545.8	24633.2	*23003.7*	22280.4	17789.4	14864.2	11422.4	2114.4
57.5°	22113.5	22057.8	22797.1	24005.3	24855.8	*25030.7*	24911.4	21406.0	16922.9	13195.0	2933.1
58°	*21835.3*	*21787.6*	*22487.1*	*23719.1*	*24696.8*	*25165.8*	*25046.6*	*22224.8*	*17384.0*	*13449.3*	*3155.7*
60°	20825.8	20833.7	21247.1	22367.8	23345.5	*24458.4*	24569.7	24561.7	19681.2	15150.4	4276.4
62.5°	19490.4	19426.8	19808.3	20722.4	21580.9	*22328.1*	22518.9	24720.7	23043.5	17312.4	6414.7
65°	17646.3	17550.9	17956.3	18989.6	19911.7	*20396.5*	20404.5	22590.4	24625.3	19633.5	9467.0
67.5°	14220.4	14140.9	14951.6	16279.1	17701.9	*18337.8*	18624.0	19601.7	23289.9	21207.3	11215.7
70°	8711.9	8878.8	10007.5	12090.1	14522.4	*15690.9*	16120.1	16422.2	19832.2	20968.9	9379.6
72.5°	4022.1	3823.4	4785.2	6239.8	9013.9	*11613.2*	12058.3	13242.7	15722.7	18202.7	6994.9
75°	1875.9	1804.4	2026.9	2726.4	4085.7	*6271.6*	7082.4	10571.9	12058.3	12662.4	5047.5
77.5°	961.8	969.8	1152.6	1240.0	1685.1	*2901.3*	3330.5	6955.2	8839.0	7066.5	3386.2
80°	421.3	437.2	445.1	484.9	683.6	*1120.8*	1263.9	3227.2	6041.1	3600.8	1852.1
82.5°	270.3	278.2	278.2	278.2	325.9	*445.1*	508.7	1295.6	3012.6	1788.5	572.3
85°	143.1	143.1	159.0	198.7	230.5	*270.3*	286.2	413.3	993.6	532.6	135.1
87.5°	79.5	87.4	95.4	119.2	151.0	*182.8*	198.7	286.2	381.5	365.6	31.8
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-SA9B-722-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7
2.5°	206.7	198.7	190.8	182.8	174.9	166.9	166.9	166.9	166.9	166.9	166.9
5°	198.7	190.8	182.8	166.9	151.0	143.1	135.1	127.2	127.2	127.2	127.2
7.5°	198.7	190.8	166.9	151.0	135.1	119.2	103.3	103.3	103.3	103.3	103.3
10°	198.7	182.8	159.0	135.1	111.3	95.4	87.4	79.5	79.5	79.5	79.5
12.5°	198.7	174.9	151.0	119.2	95.4	79.5	71.5	63.6	63.6	63.6	63.6
15°	198.7	174.9	143.1	111.3	87.4	63.6	55.6	47.7	47.7	47.7	47.7
17.5°	190.8	166.9	135.1	95.4	71.5	47.7	39.7	31.8	31.8	39.7	39.7
20°	182.8	159.0	119.2	79.5	55.6	39.7	23.8	23.8	23.8	23.8	23.8
22.5°	182.8	159.0	111.3	71.5	47.7	23.8	15.9	15.9	15.9	15.9	23.8
25°	182.8	151.0	95.4	55.6	31.8	15.9	7.9	7.9	7.9	7.9	7.9
27.5°	182.8	151.0	87.4	47.7	23.8	15.9	7.9	0.0	0.0	0.0	0.0
30°	174.9	143.1	79.5	39.7	15.9	7.9	0.0	0.0	0.0	0.0	0.0
32.5°	174.9	135.1	63.6	31.8	15.9	7.9	0.0	0.0	0.0	0.0	0.0
35°	182.8	127.2	55.6	23.8	7.9	0.0	0.0	0.0	0.0	0.0	7.9
37.5°	190.8	119.2	47.7	15.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	198.7	111.3	47.7	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	214.6	111.3	39.7	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	230.5	111.3	31.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	262.3	119.2	31.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	286.2	127.2	23.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	318.0	119.2	23.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	357.7	119.2	23.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	389.5	111.3	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*405.4*	*103.3*	*15.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	484.9	95.4	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	755.1	79.5	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1534.1	71.5	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2861.6	63.6	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3203.4	71.5	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2019.0	55.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1065.1	55.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	532.6	55.6	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	246.4	39.7	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	103.3	23.8	15.9	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	47.7	23.8	15.9	15.9	7.9	7.9	0.0	0.0	0.0	0.0	0.0
87.5°	23.8	23.8	23.8	15.9	15.9	7.9	7.9	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

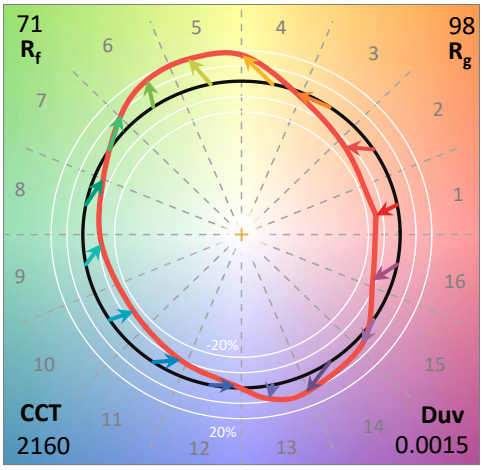
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

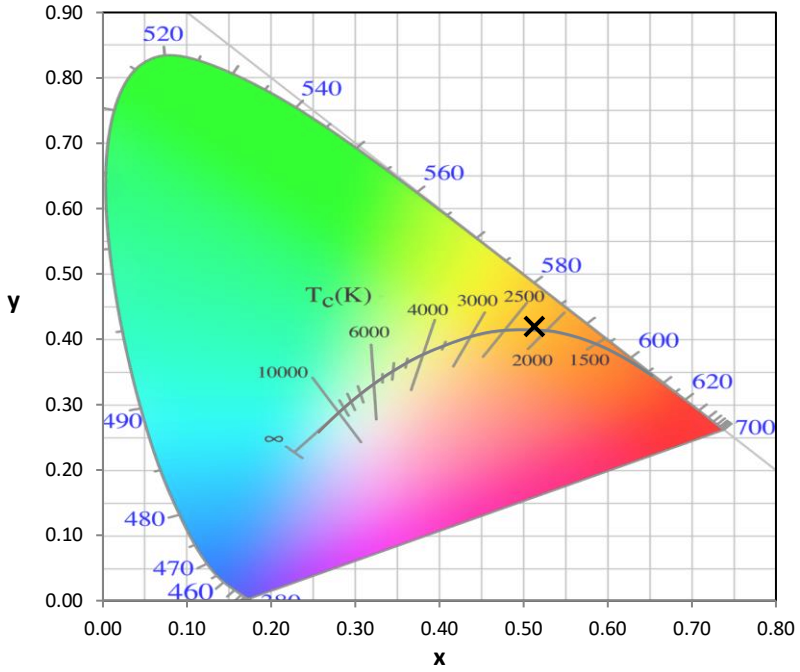
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

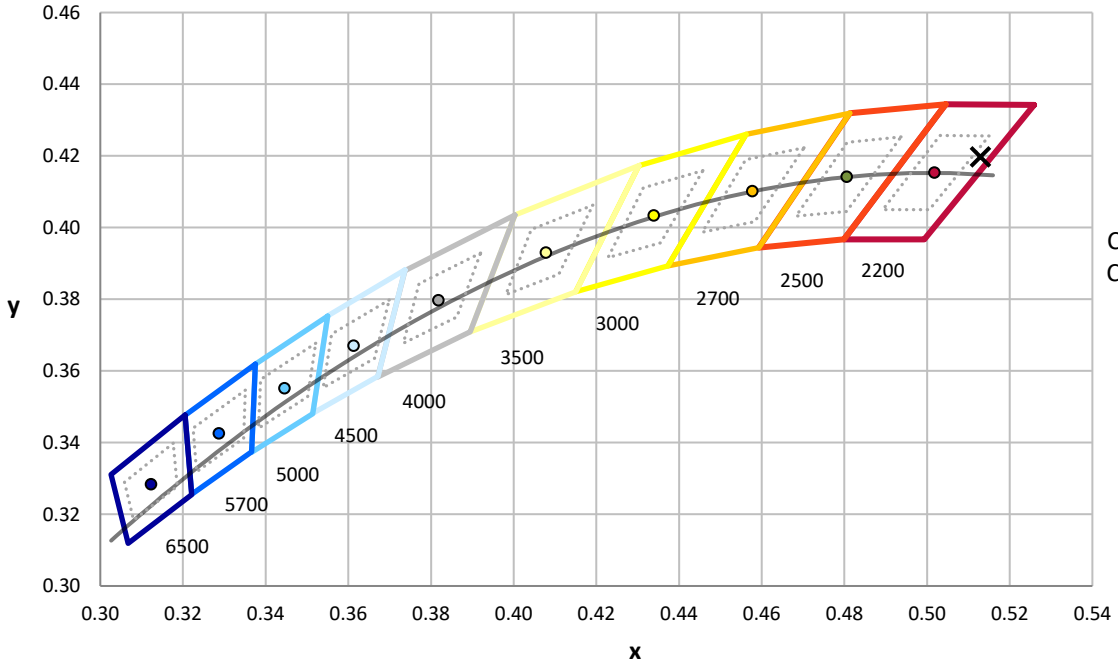
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



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

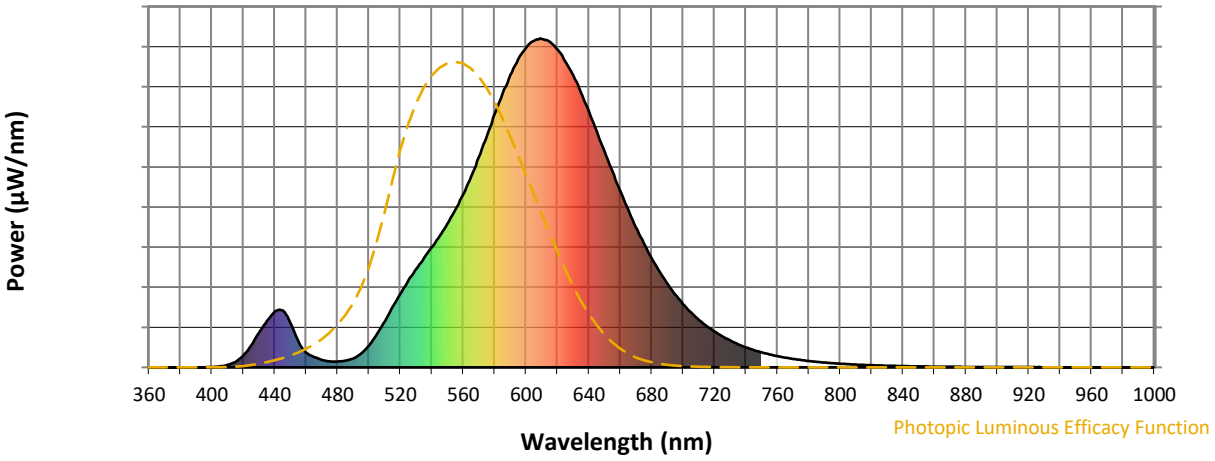


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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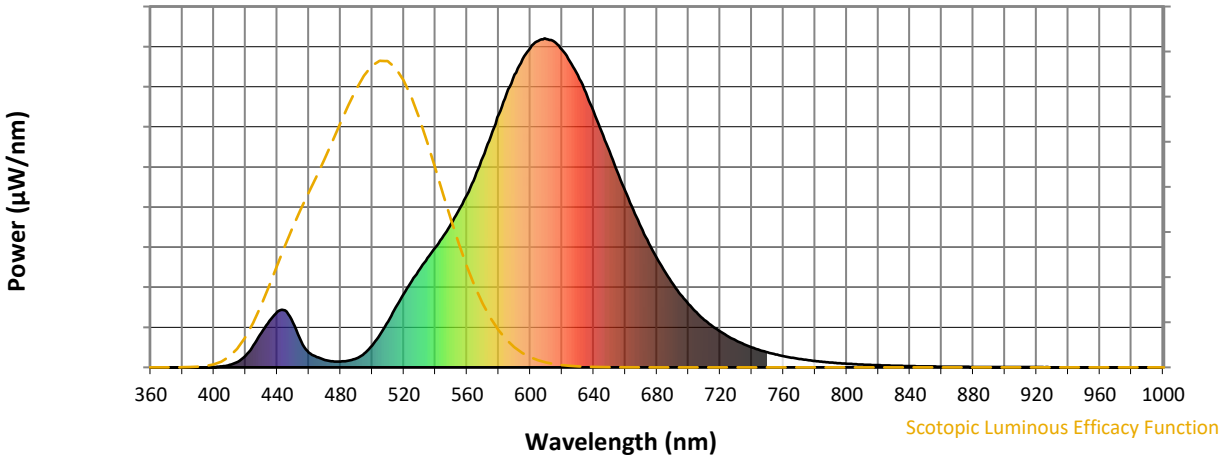
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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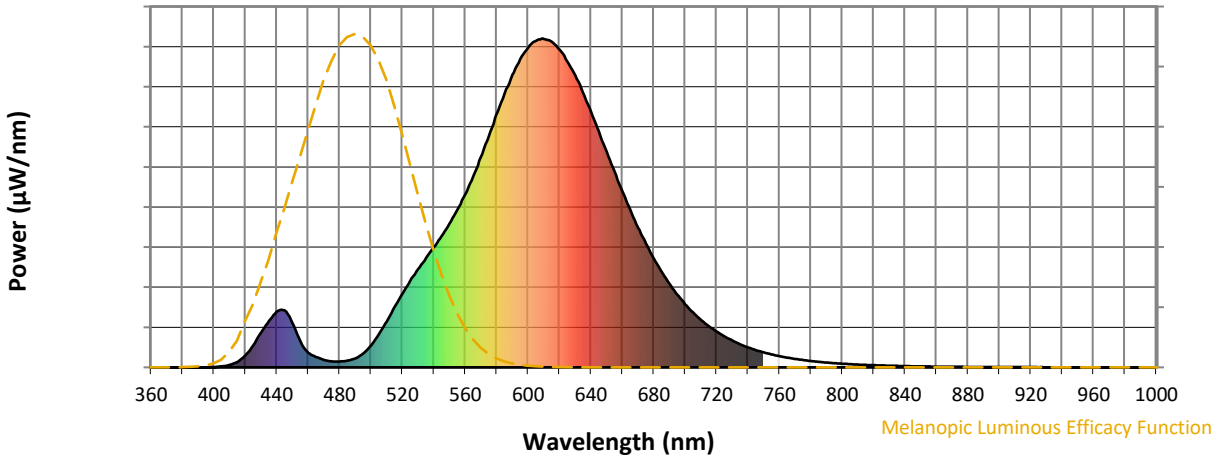
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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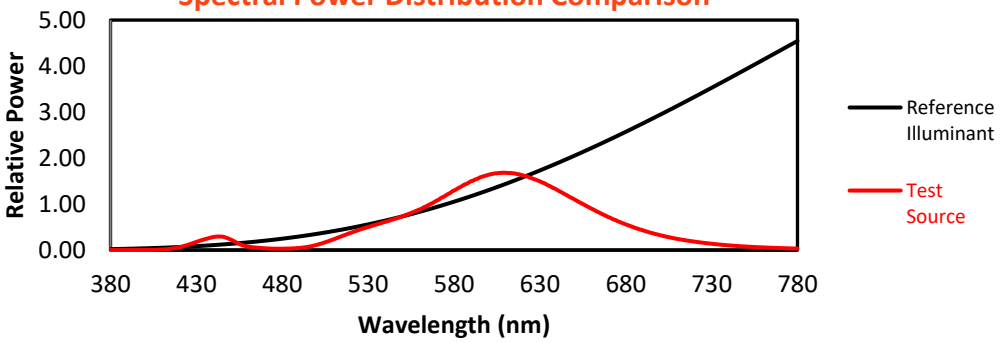
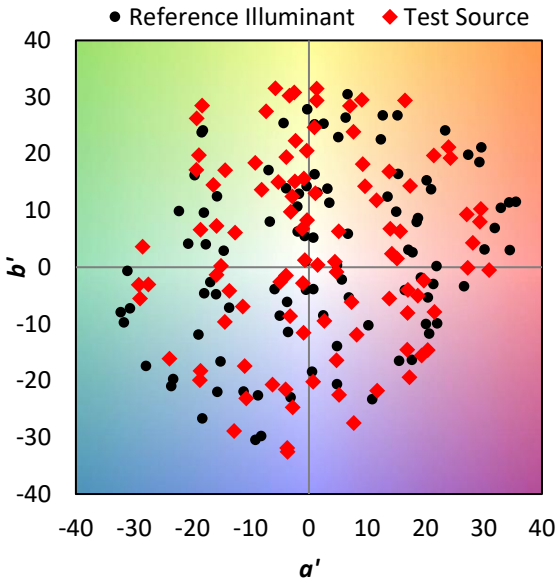
Summary

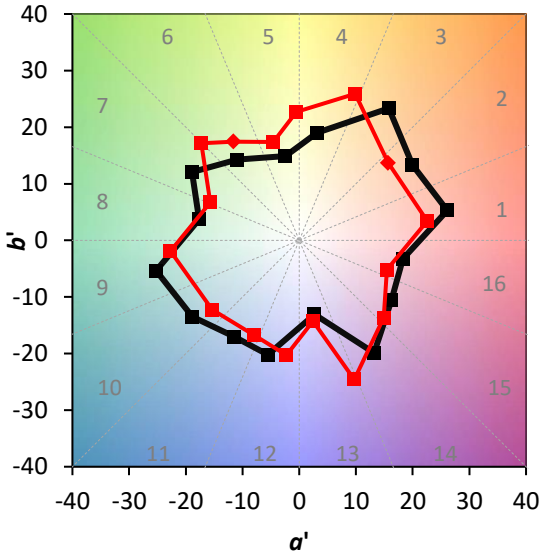
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

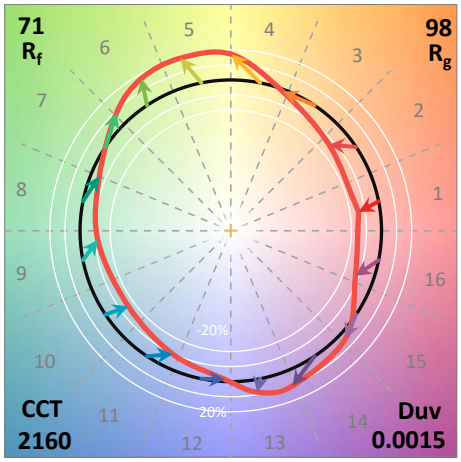
Spectral Power Distribution Comparison

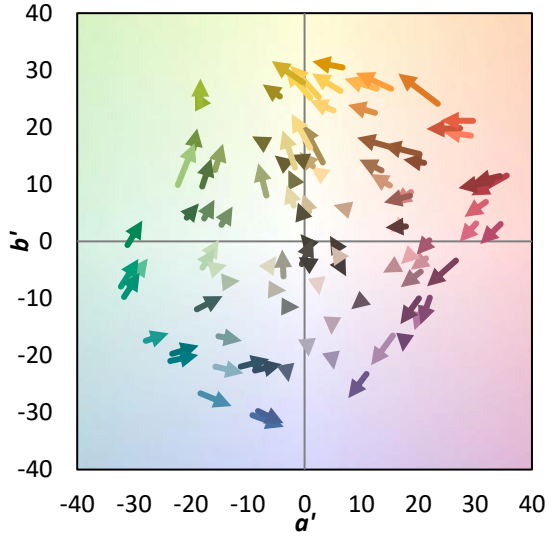


Color Vector Graphics









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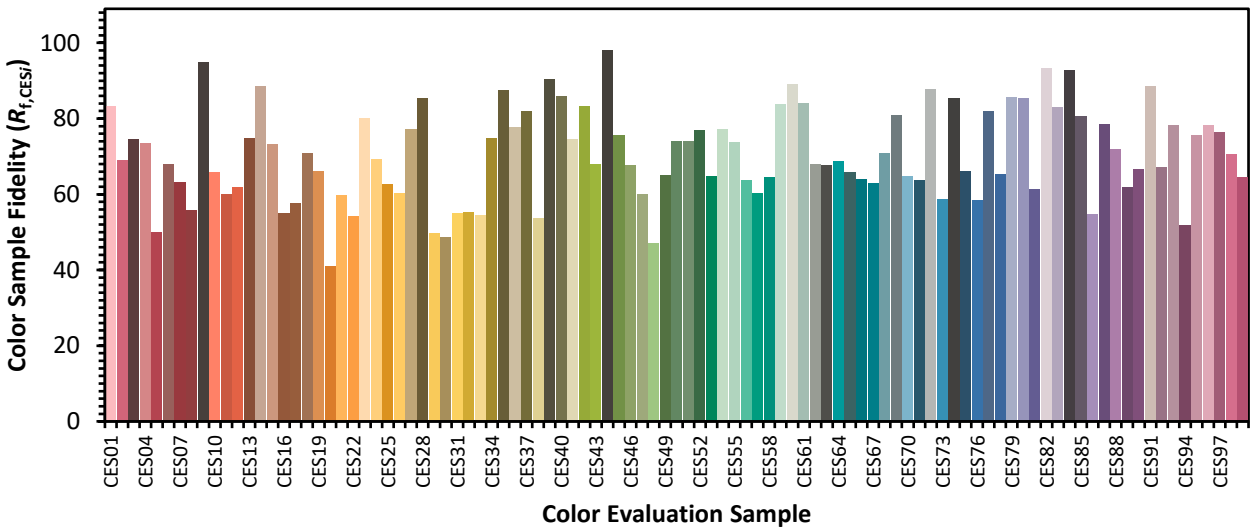
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



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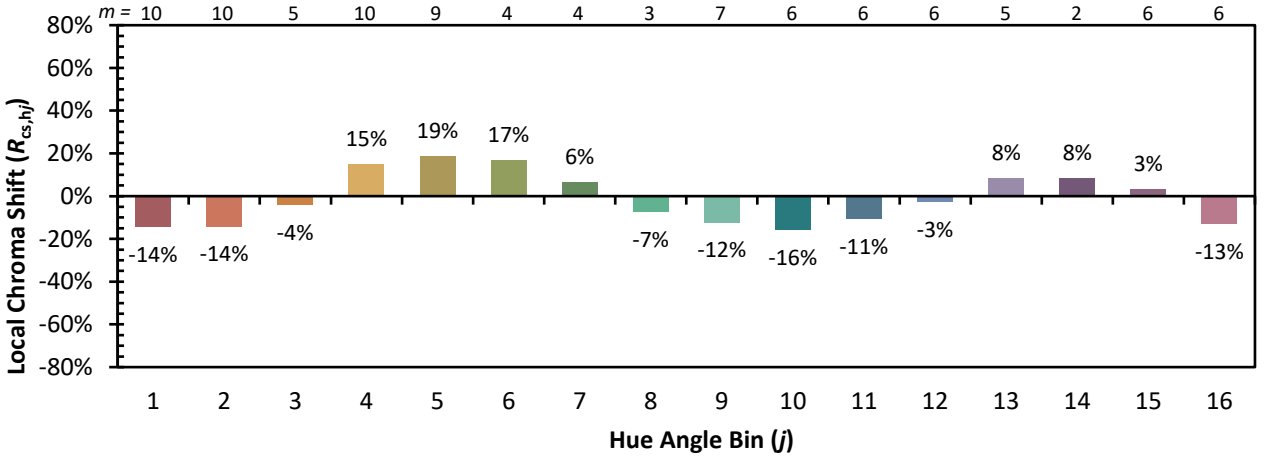
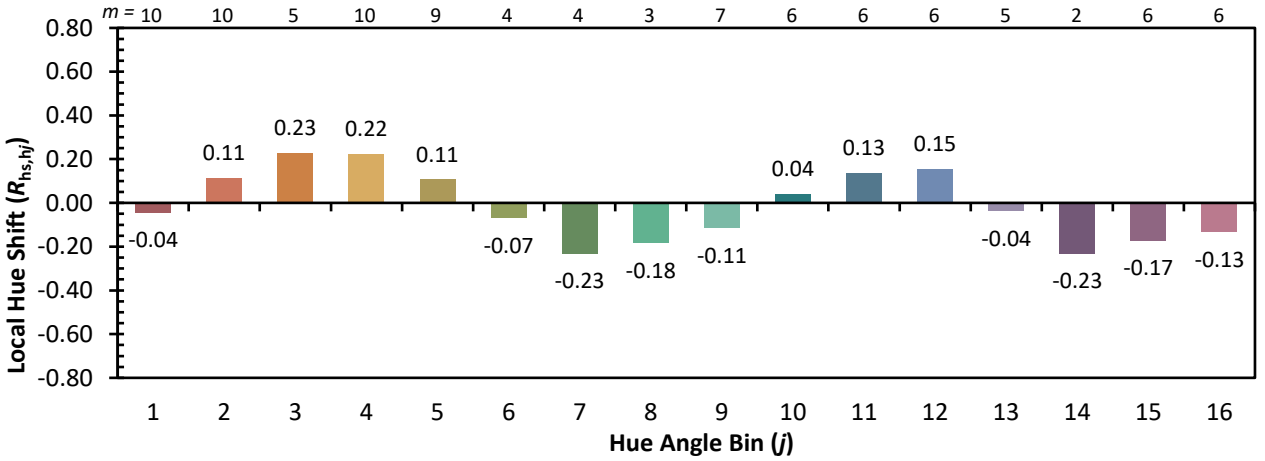
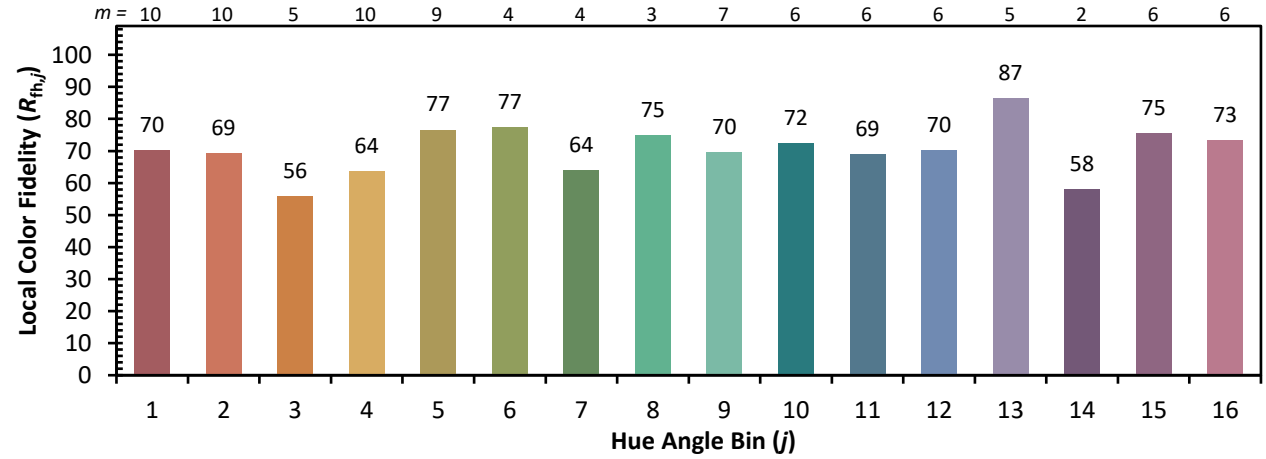
Color Rendition by Hue-Angle Bin







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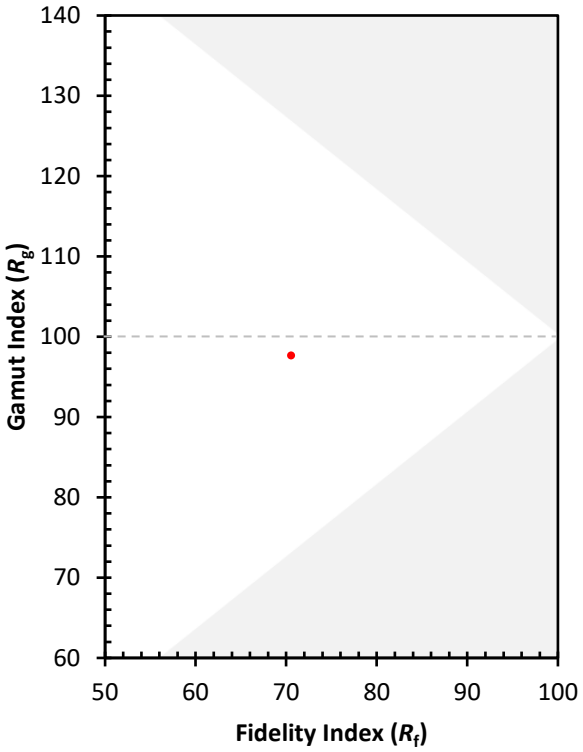
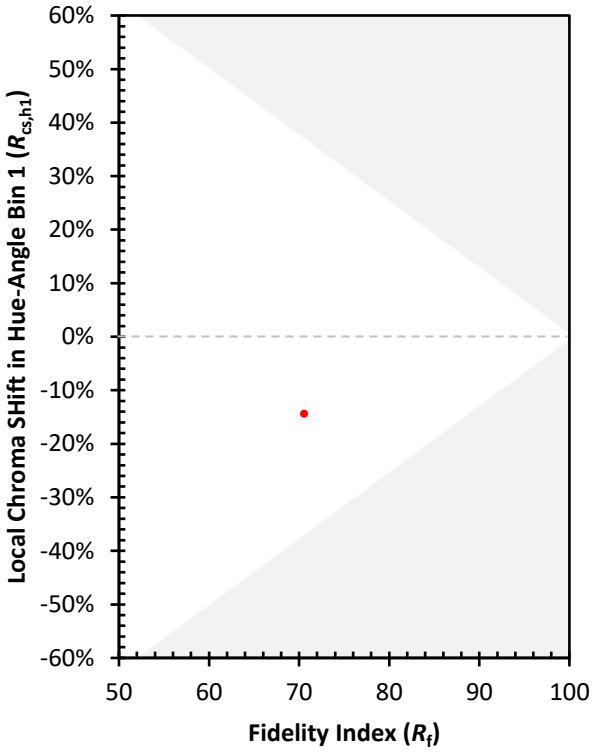
Measure Comparisons





(END OF REPORT)