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: P1047695

Luminaire Tested: **GALN-SA9C-722-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:	P1047695
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9C-722-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE 70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(126) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35991.4 lumens
Efficiency:	N/A
Efficacy:	86.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	417.1
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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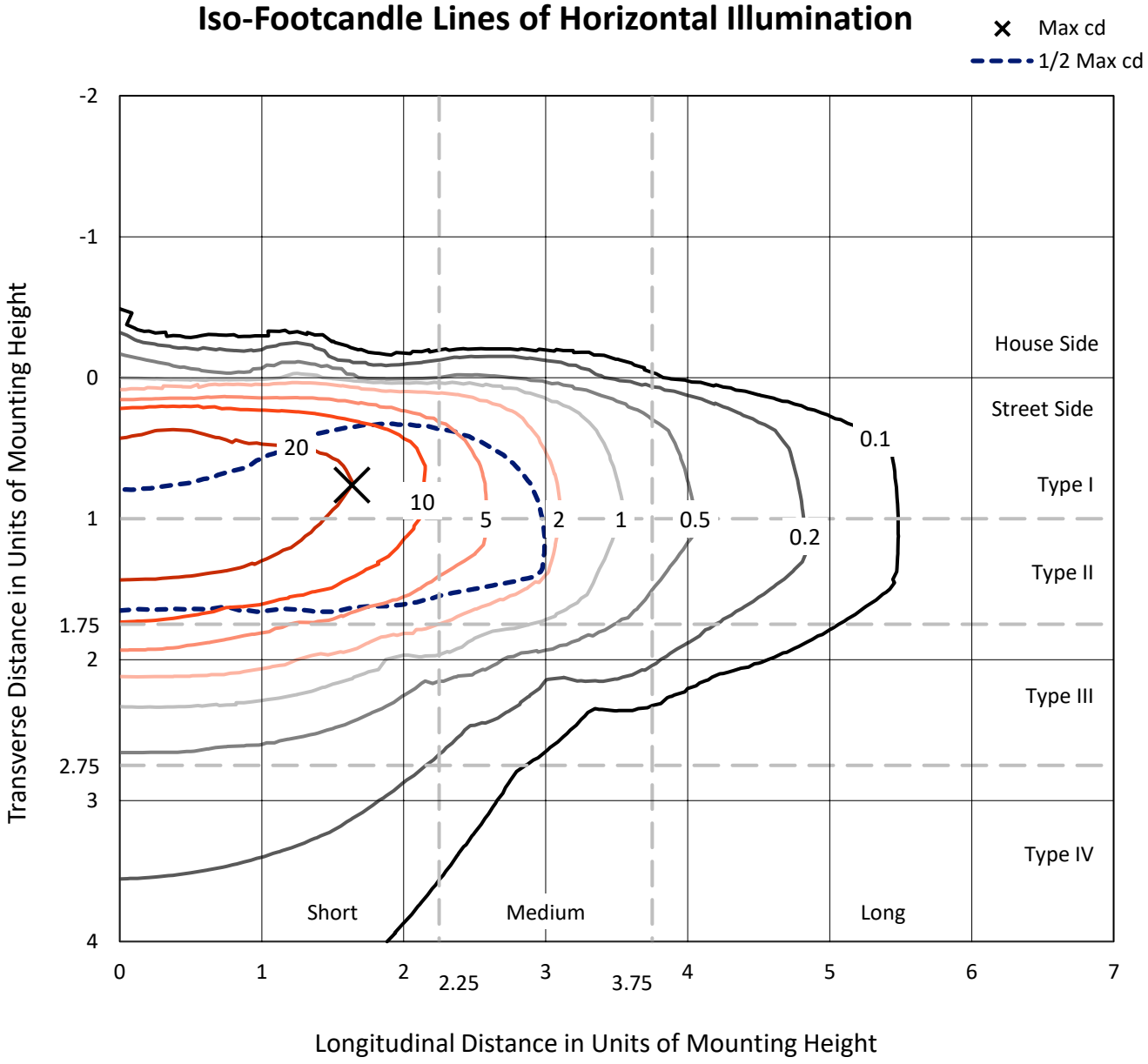
REPORT NUMBER: P1047695
CATALOG NUMBER: GALN-SA9C-722-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 47.6 fc
Type II - Short - N/A

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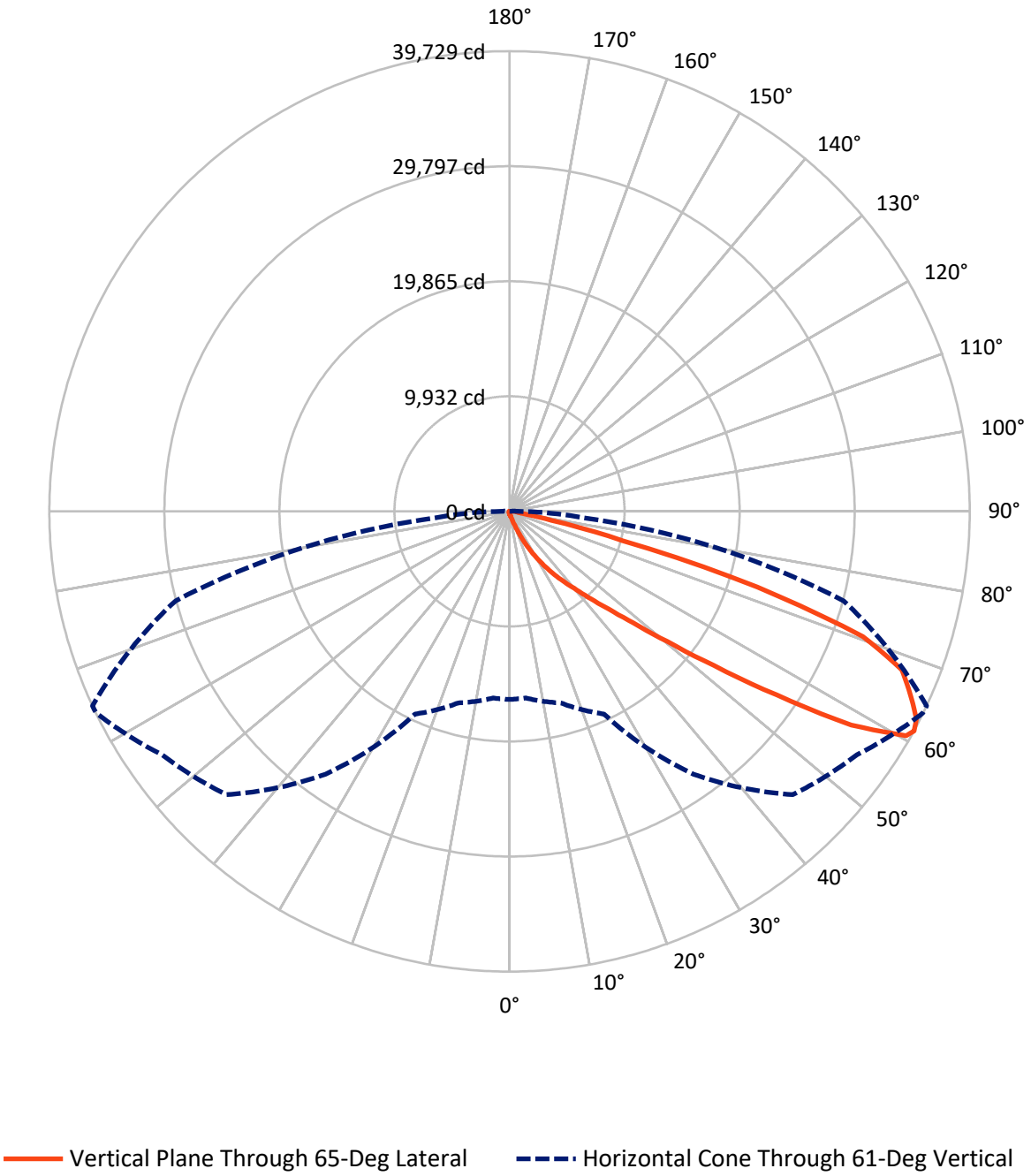
Luminous Intensity Polar Plot



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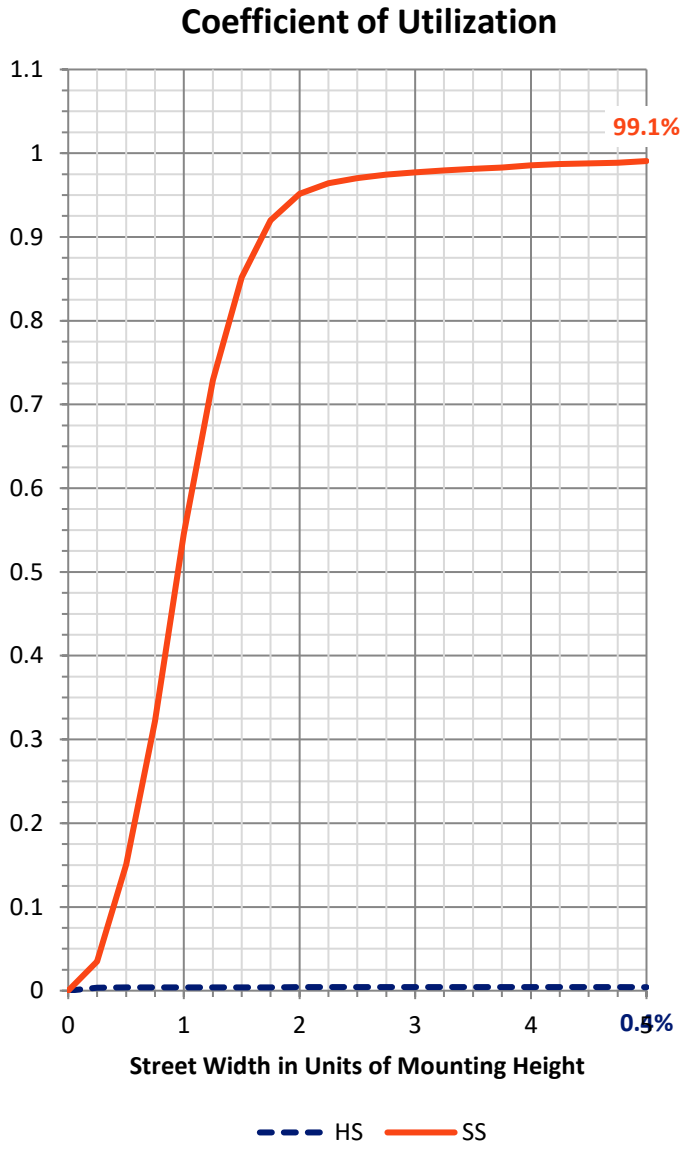
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	153.6	0.0	153.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35837.7	0.0	35837.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	35991.4	0.0	35991.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	0.1
10°-20°	296.0	0.8
20°-30°	1062.1	3.0
30°-40°	2827.9	7.9
40°-50°	7428.8	20.6
50°-60°	11508.6	32.0
60°-70°	9649.8	26.8
70°-80°	2839.8	7.9
80°-90°	350.3	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°	35991.4	100.0
0°-180°	35991.4	100.0



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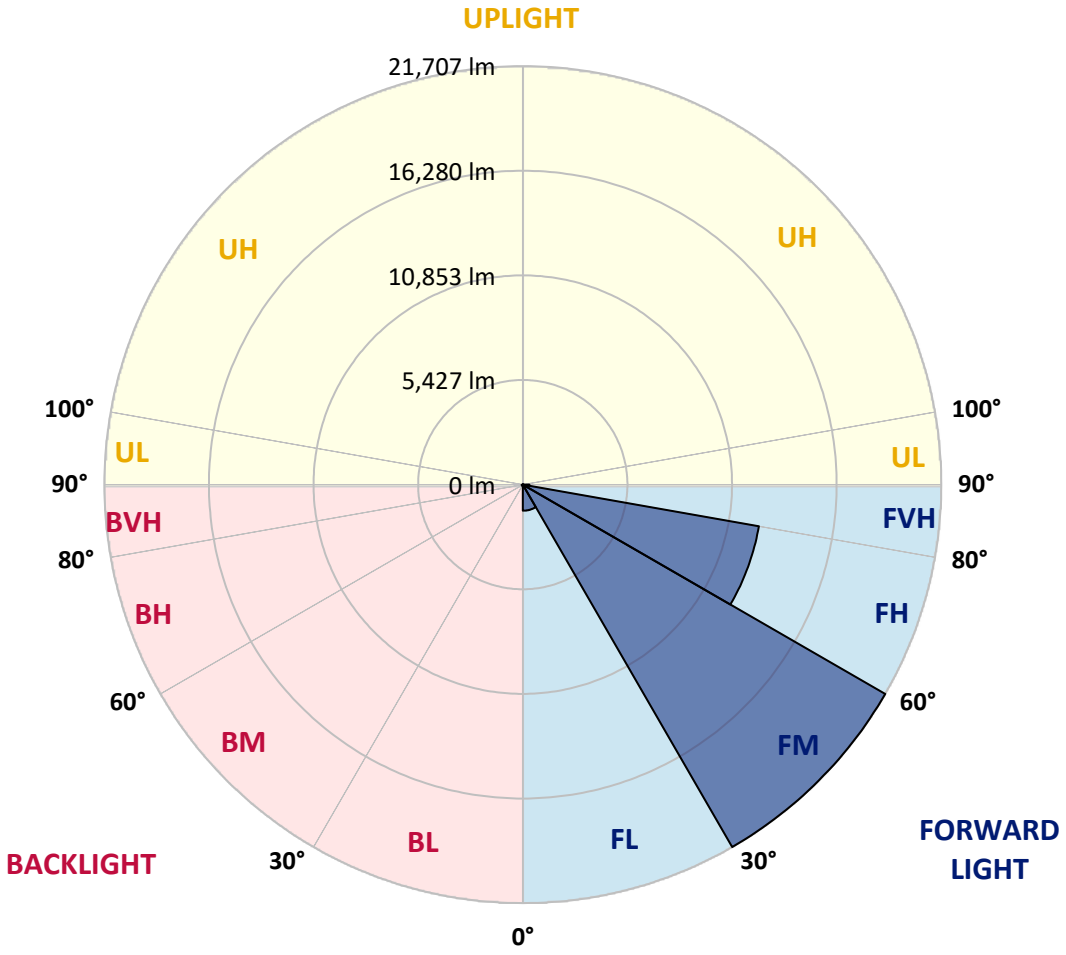
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1351.7	3.8			
FM	(30°-60°)	21706.8	60.3			
FH	(60°-80°)	12435.4	34.6			G5
FVH	(80°-90°)	343.8	1.0			G3/500
BL	(0°-30°)	34.5	0.1	B0/110		
BM	(30°-60°)	58.5	0.2	B0/220		
BH	(60°-80°)	54.2	0.2	B0/110		G0/110
BVH	(80°-90°)	6.5	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-G5
Type II Short



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REPORT NUMBER: P1047695
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	*220.3*	220.3	220.3
2.5°	267.4	269.9	264.9	255.0	247.6	247.6	245.1	237.7	*237.7*	230.3	225.3
5°	373.8	368.9	359.0	339.2	321.9	304.5	287.2	269.9	*267.4*	245.1	230.3
7.5°	611.5	616.5	584.3	522.4	470.4	403.6	341.7	304.5	*299.6*	262.4	232.7
10°	1341.9	1304.8	1230.5	990.3	814.5	614.0	455.6	354.0	*349.1*	282.2	237.7
12.5°	2446.1	2416.4	2280.2	2032.6	1579.6	1099.3	666.0	438.2	*423.4*	299.6	240.2
15°	3525.6	3478.5	3404.2	3154.2	2624.4	1970.8	1089.4	599.1	*559.5*	324.3	237.7
17.5°	4213.8	4221.3	4154.4	4048.0	3706.3	2916.5	1881.6	893.8	*817.0*	368.9	232.7
20°	4815.5	4798.1	4835.3	4778.3	4538.2	3963.8	2738.3	1416.2	*1284.9*	440.7	235.2
22.5°	5508.7	5550.8	5578.0	5565.6	5300.7	4810.5	3711.3	2119.3	*1953.4*	571.9	242.6
25°	6437.1	6432.2	6434.7	6402.5	6145.0	5600.3	4686.7	2993.3	*2824.9*	784.8	260.0
27.5°	7410.1	7439.8	7452.2	7335.8	6999.1	6464.4	5590.4	3948.9	*3750.9*	1126.5	282.2
30°	8739.6	8714.9	8657.9	8420.3	8011.7	7348.2	6481.7	4951.6	*4743.7*	1604.3	316.9
32.5°	10532.1	10504.9	10217.7	9692.8	9081.3	8269.2	7377.9	5956.8	*5704.3*	2201.0	363.9
35°	13485.8	13527.9	12822.3	11463.0	10366.2	9375.9	8370.7	6957.0	*6734.2*	2936.3	428.3
37.5°	18009.1	17778.8	16820.7	14419.2	12057.2	10757.4	9319.0	7967.2	*7774.1*	3842.5	512.5
40°	22403.7	22175.9	21898.6	19623.3	14996.0	12280.1	10646.0	9153.1	*8903.0*	4865.0	636.3
42.5°	27023.6	26897.3	26884.9	25169.2	20358.6	14674.2	12242.9	10542.0	*10329.1*	5986.5	839.3
45°	30296.6	30170.3	30435.2	30734.8	27662.3	19804.1	15023.3	12346.9	*12037.4*	7348.2	1163.6
47.5°	30737.3	30742.2	31450.3	32388.6	33089.3	27739.1	18727.1	14738.5	*14362.2*	9296.7	1708.3
50°	29271.6	29328.5	30455.0	32133.6	34020.2	34396.5	25258.3	18209.6	*17652.6*	11606.6	2480.8
52.5°	26481.3	26545.7	28115.4	30875.9	33163.6	35995.9	32948.2	22750.3	*22109.1*	14488.5	3570.1
55°	23968.4	24008.0	25807.9	29296.4	32131.2	35126.9	37513.6	28813.6	*27971.8*	18033.9	4644.6
57.5°	21480.2	21388.6	22559.7	26553.1	31955.4	34059.8	38187.0	35723.6	*34795.1*	21908.5	5481.5
60°	18152.7	17999.2	18940.0	21480.2	29643.0	34760.5	36926.8	39546.2	*39335.8*	27303.3	6127.6
61°	*16238.9*	*16174.5*	*17120.3*	*19299.0*	*27697.0*	*34582.2*	*36624.8*	*39707.2*	*39729.4*	*29855.9*	*6417.3*
62.5°	11596.7	11779.9	13225.8	16058.2	23198.4	33426.0	36664.4	39209.5	*39429.9*	33247.8	7167.5
65°	5154.7	5449.3	6573.3	8878.3	13490.7	27805.9	36312.8	38117.7	*38008.8*	34178.7	9752.2
67.5°	3057.6	3102.2	3661.7	5030.9	7145.2	14956.4	32044.5	36674.3	*36528.2*	29754.4	12134.0
70°	2409.0	2431.3	2609.5	3156.7	4147.0	5729.0	18288.9	31730.1	*32366.4*	24126.8	11879.0
72.5°	2285.2	2280.2	2305.0	2401.5	2612.0	2842.2	7080.8	21091.5	*22386.3*	17375.3	9960.2
75°	2255.5	2245.6	2220.8	2183.7	1891.5	1673.7	2193.6	9328.9	*10079.1*	11871.5	7499.3
77.5°	2188.6	2191.1	2196.1	2094.5	1621.7	1183.4	1062.1	2993.3	*3681.5*	7533.9	5330.4
80°	1480.5	1502.8	1540.0	1500.3	1458.3	856.6	750.2	1064.6	*1079.5*	4228.7	3520.6
82.5°	750.2	750.2	732.8	653.6	564.5	557.1	596.7	772.5	*782.4*	2139.1	1656.3
85°	453.1	477.8	487.7	443.2	406.0	373.8	455.6	614.0	*636.3*	829.4	386.2
87.5°	101.5	104.0	113.9	151.0	220.3	299.6	423.4	562.0	*571.9*	532.3	47.0
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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CATALOG NUMBER: GALN-SA9C-722-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3
2.5°	222.8	217.9	215.4	208.0	200.5	193.1	188.2	185.7	188.2	190.6	190.6
5°	220.3	212.9	200.5	188.2	178.3	168.4	158.5	156.0	156.0	158.5	158.5
7.5°	220.3	208.0	190.6	175.8	160.9	146.1	138.6	133.7	136.2	136.2	136.2
10°	220.3	205.5	183.2	160.9	143.6	126.3	113.9	108.9	108.9	108.9	108.9
12.5°	217.9	203.0	175.8	148.5	123.8	104.0	89.1	81.7	84.2	84.2	84.2
15°	212.9	195.6	165.9	126.3	99.0	79.2	64.4	56.9	59.4	64.4	66.8
17.5°	205.5	188.2	148.5	106.5	79.2	59.4	44.6	39.6	42.1	49.5	49.5
20°	203.0	180.7	131.2	86.7	59.4	42.1	29.7	24.8	27.2	37.1	39.6
22.5°	203.0	175.8	118.8	71.8	44.6	27.2	17.3	9.9	9.9	17.3	17.3
25°	205.5	173.3	108.9	59.4	32.2	19.8	9.9	5.0	9.9	27.2	32.2
27.5°	210.4	170.8	104.0	49.5	24.8	17.3	7.4	17.3	29.7	29.7	29.7
30°	215.4	165.9	96.6	42.1	22.3	12.4	12.4	24.8	24.8	29.7	32.2
32.5°	222.8	163.4	91.6	37.1	17.3	9.9	17.3	14.9	14.9	17.3	19.8
35°	237.7	165.9	86.7	37.1	17.3	12.4	14.9	7.4	5.0	5.0	5.0
37.5°	257.5	168.4	79.2	32.2	14.9	14.9	7.4	0.0	0.0	0.0	0.0
40°	289.7	175.8	74.3	29.7	12.4	12.4	2.5	0.0	0.0	0.0	0.0
42.5°	344.1	190.6	71.8	27.2	12.4	9.9	0.0	0.0	0.0	0.0	0.0
45°	453.1	225.3	66.8	24.8	12.4	5.0	0.0	0.0	0.0	0.0	0.0
47.5°	651.1	307.0	64.4	19.8	7.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	950.7	415.9	61.9	17.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1213.2	438.2	42.1	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1242.9	302.0	32.2	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	990.3	195.6	27.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	750.2	148.5	24.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*720.5*	*133.7*	*24.8*	*2.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	794.7	116.4	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1292.4	96.6	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2245.6	84.2	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2837.3	79.2	14.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2473.3	71.8	14.9	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	1488.0	61.9	14.9	9.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	779.9	47.0	14.9	12.4	7.4	2.5	0.0	0.0	0.0	0.0	0.0
80°	378.8	42.1	17.3	12.4	9.9	5.0	0.0	0.0	0.0	0.0	0.0
82.5°	148.5	34.7	19.8	17.3	12.4	7.4	2.5	0.0	0.0	0.0	0.0
85°	66.8	29.7	22.3	19.8	17.3	9.9	2.5	0.0	0.0	0.0	0.0
87.5°	34.7	27.2	24.8	22.3	17.3	12.4	5.0	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

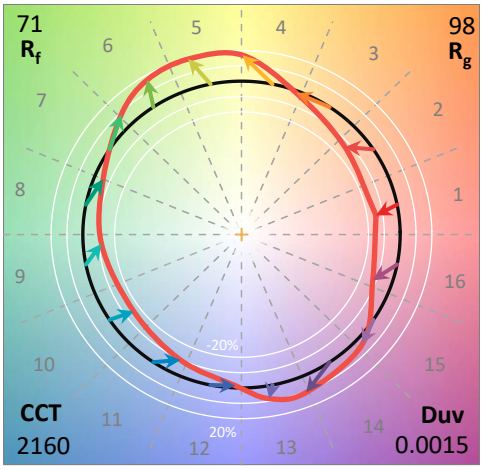
Test Information

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

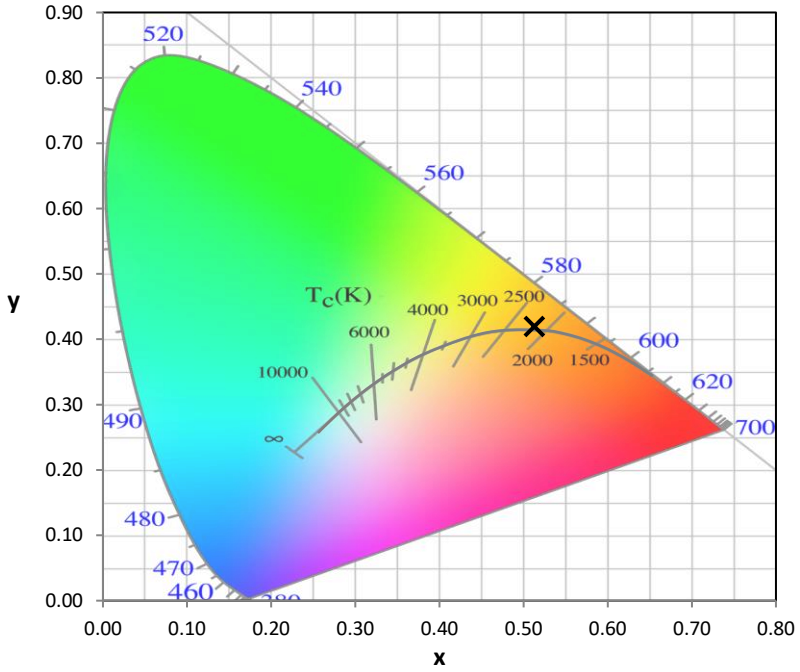
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

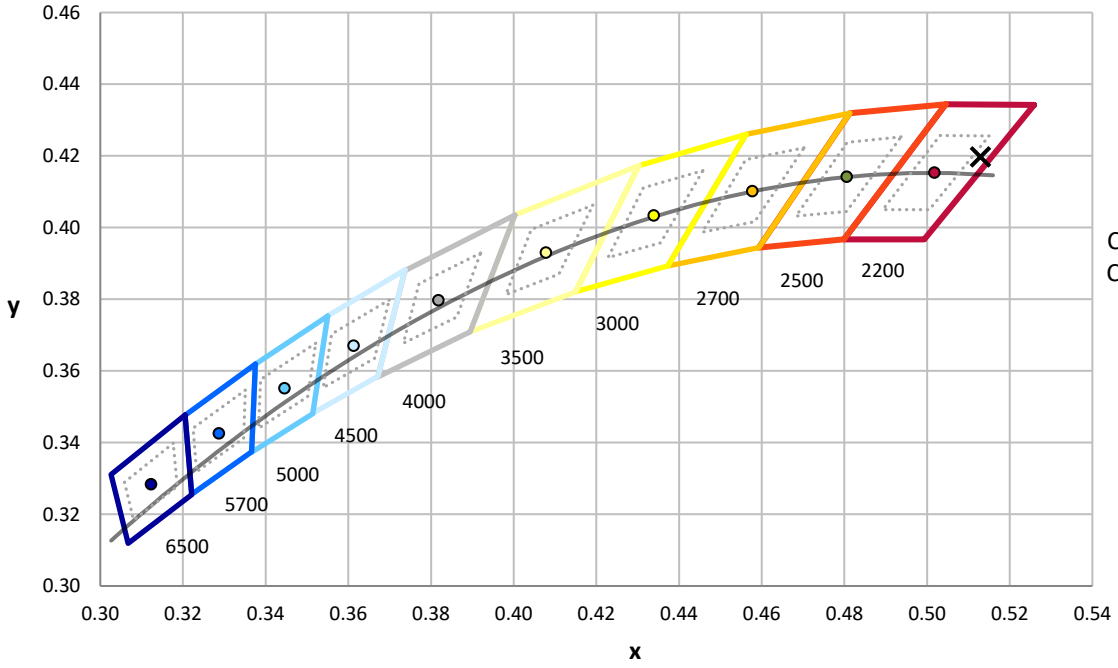
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

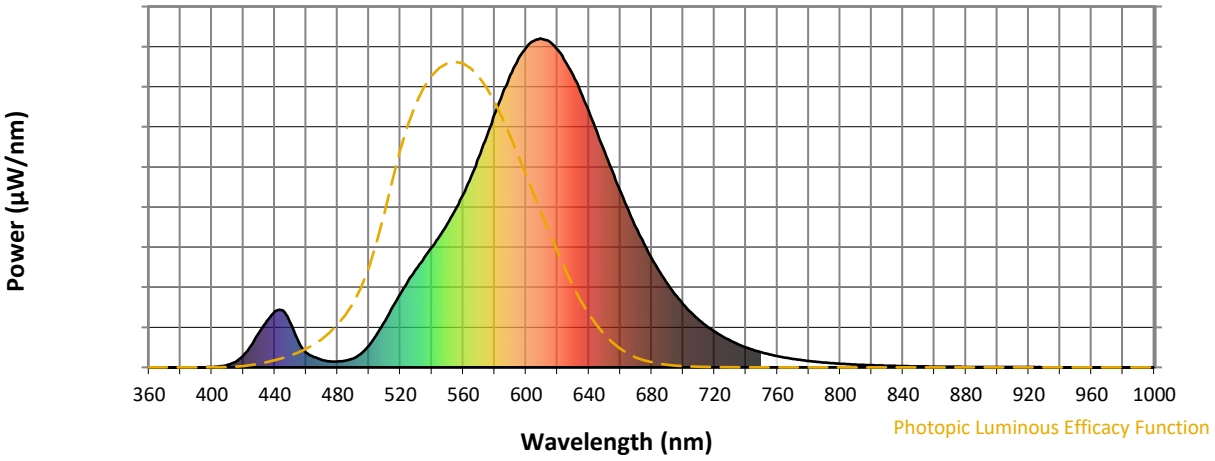


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

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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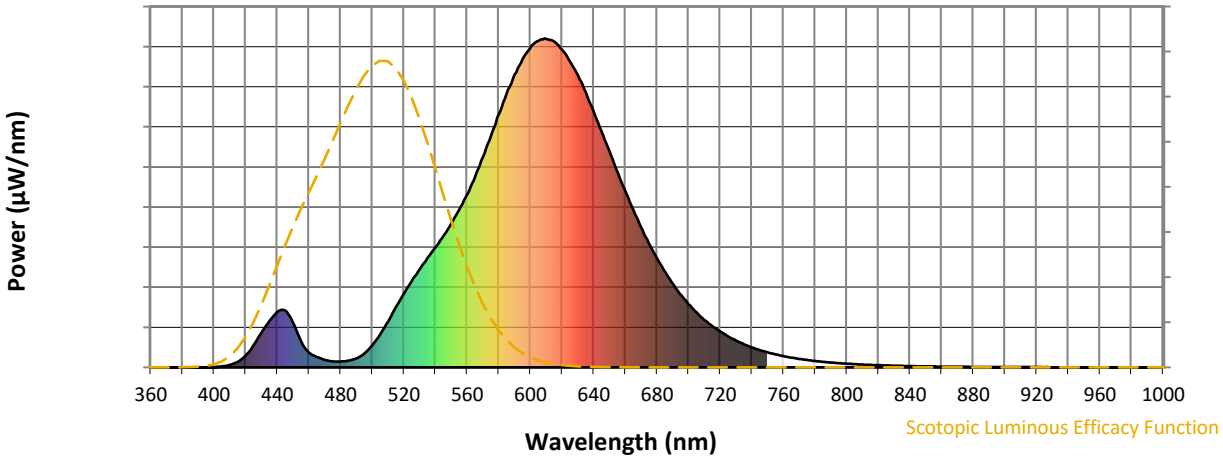
Scotopic Flux vs. Wavelength



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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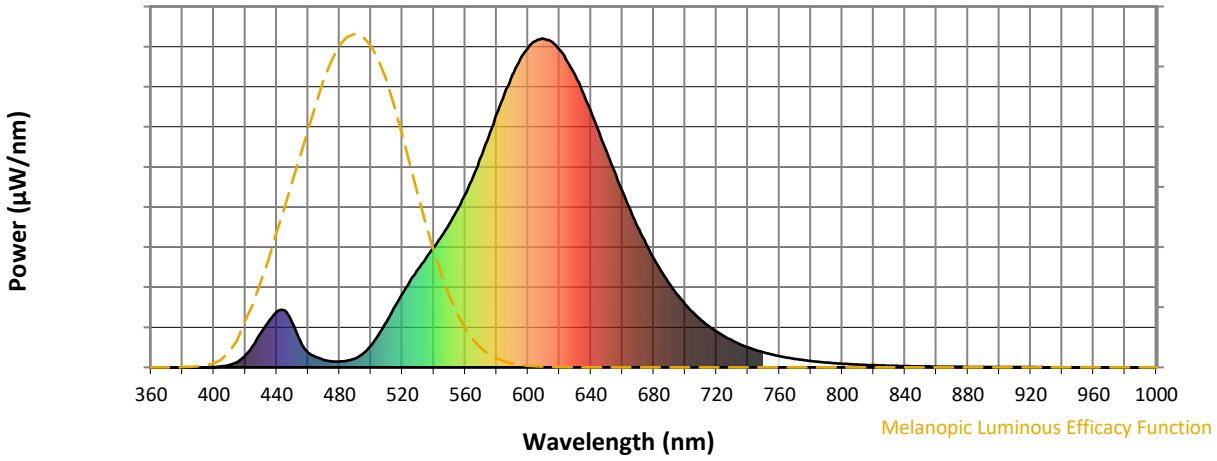
Melanopic Flux vs. Wavelength



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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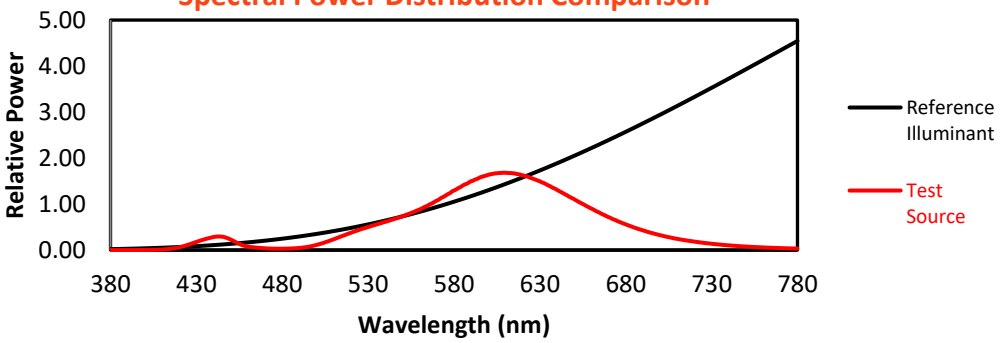
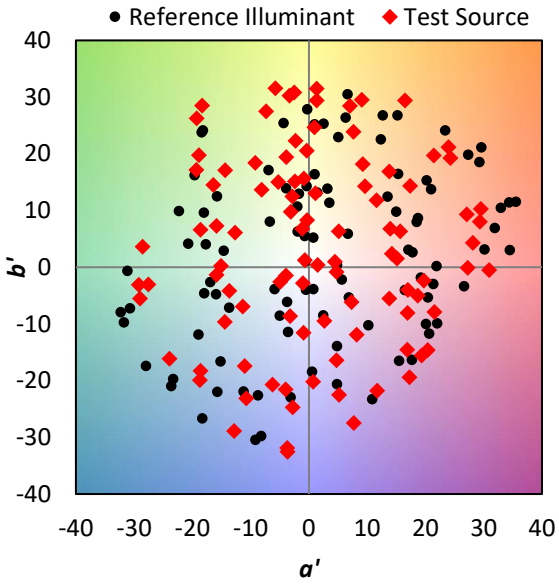
Summary

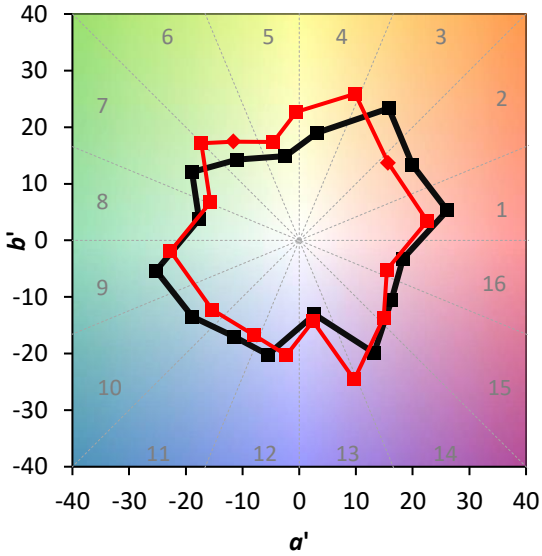
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

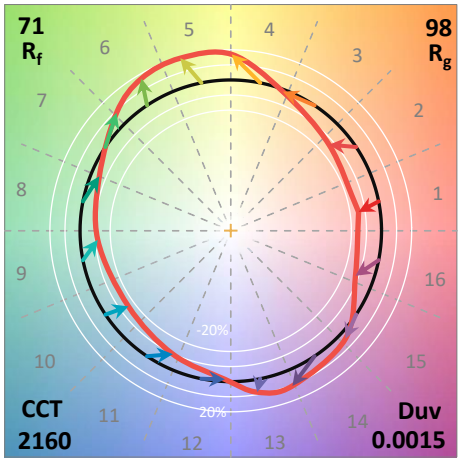
Spectral Power Distribution Comparison

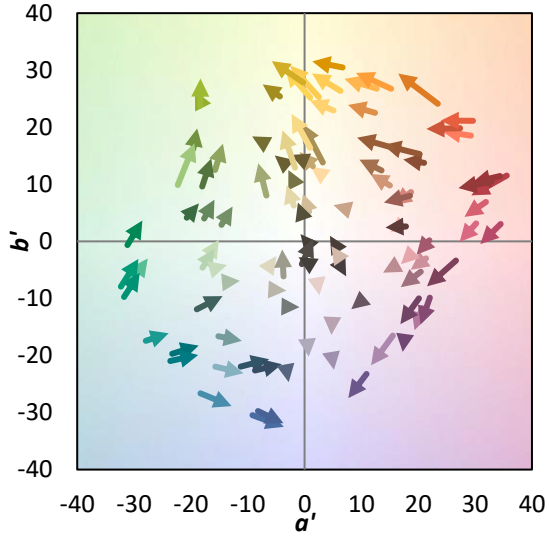


Color Vector Graphics









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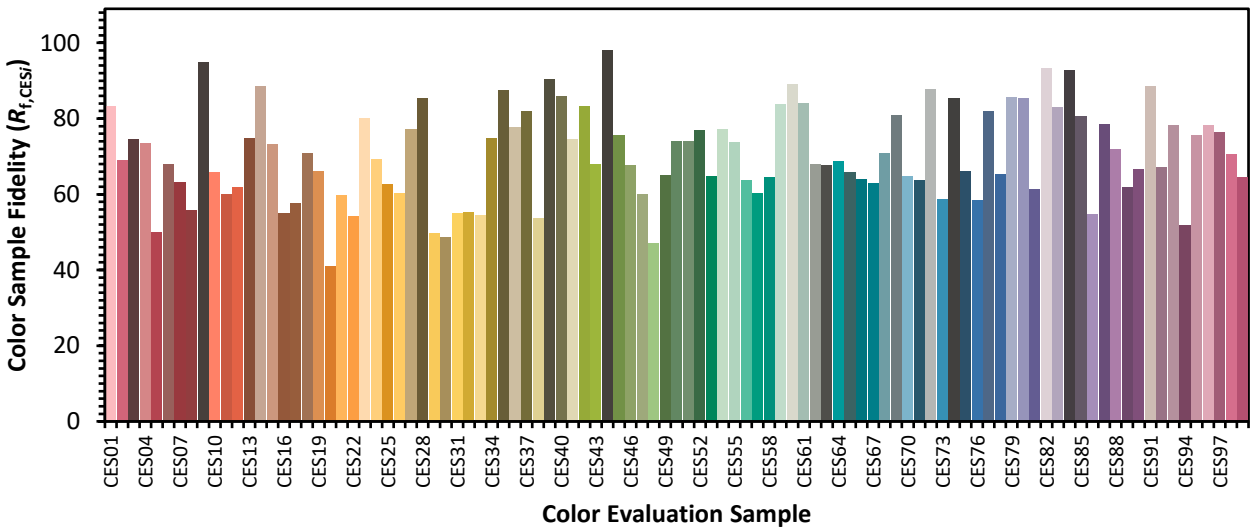
Individual Sample Fidelity Index ($R_{f,i}$)

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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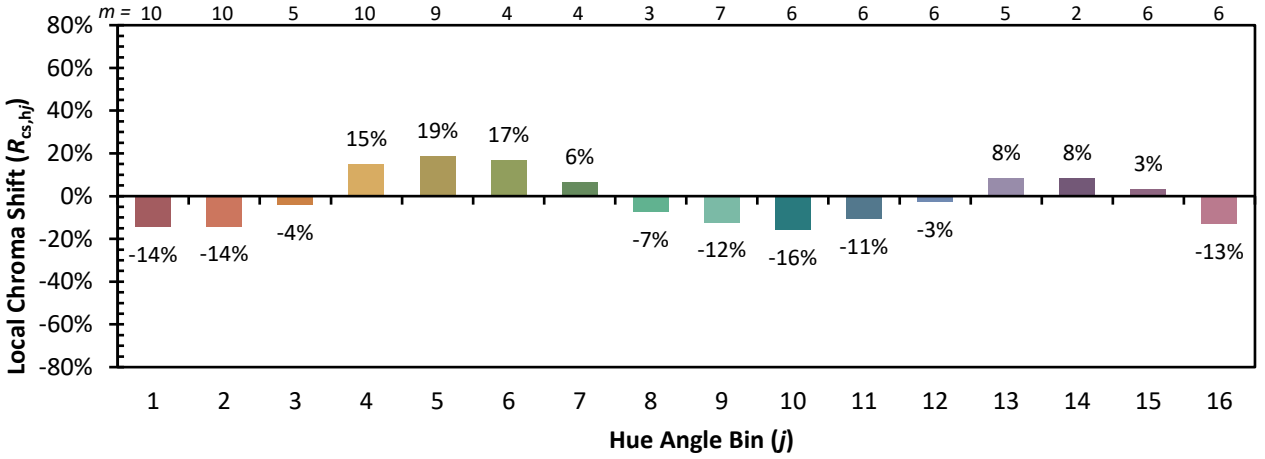
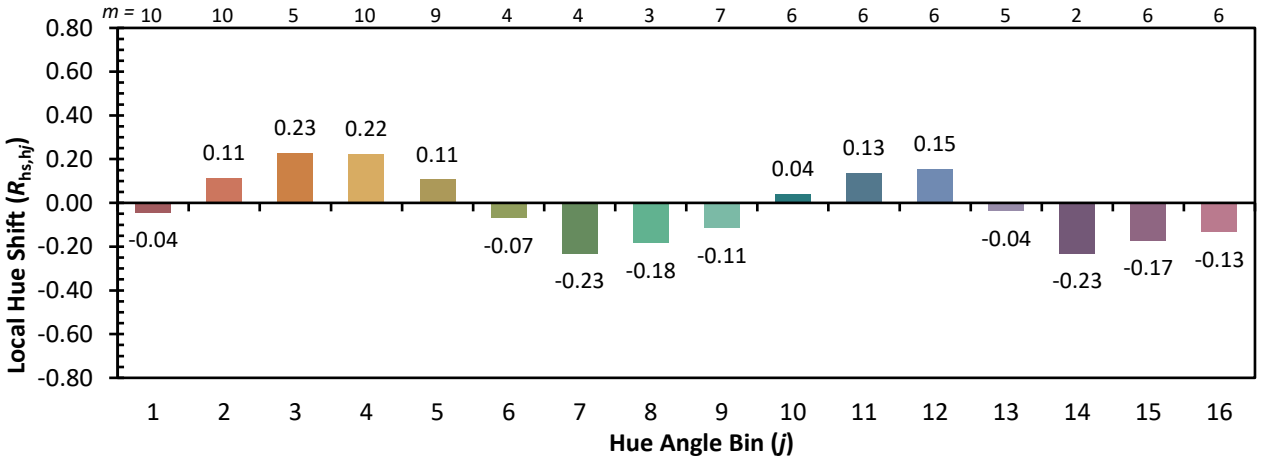
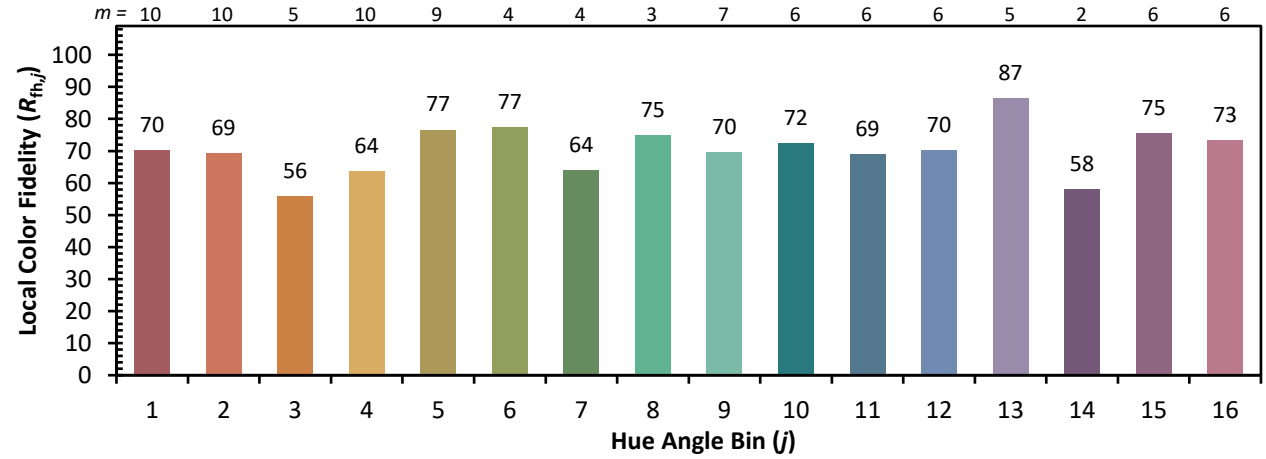
Color Rendition by Hue-Angle Bin







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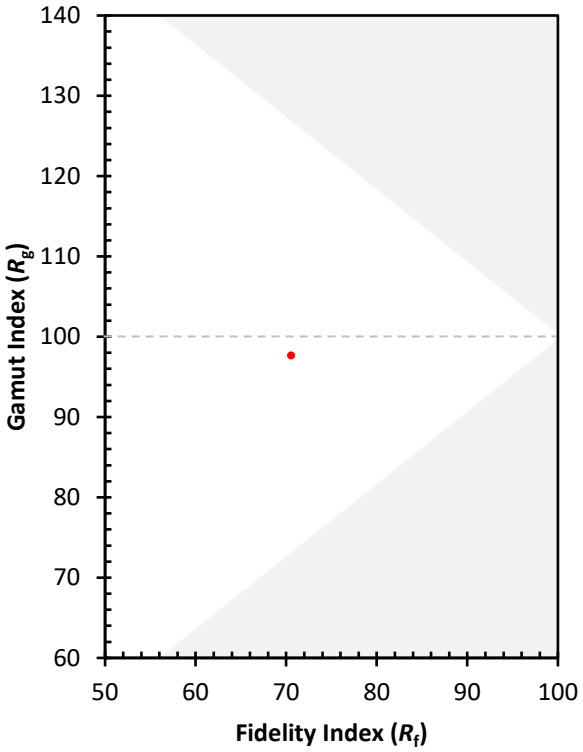
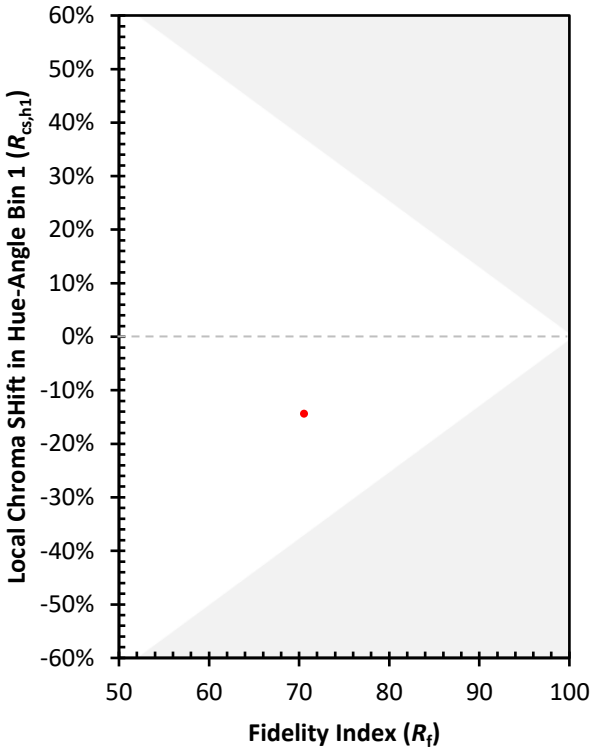
Measure Comparisons





(END OF REPORT)