Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1458111

Luminaire Tested: GLAN-SB5A-722-U-T3LG-HSS

Issue Date: 05/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1458111
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5A-722-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square PACKAGE 70CRI 2200K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14310.3 lumens
Efficiency:	N/A
Efficacy:	101.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	141.7
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: P1458111
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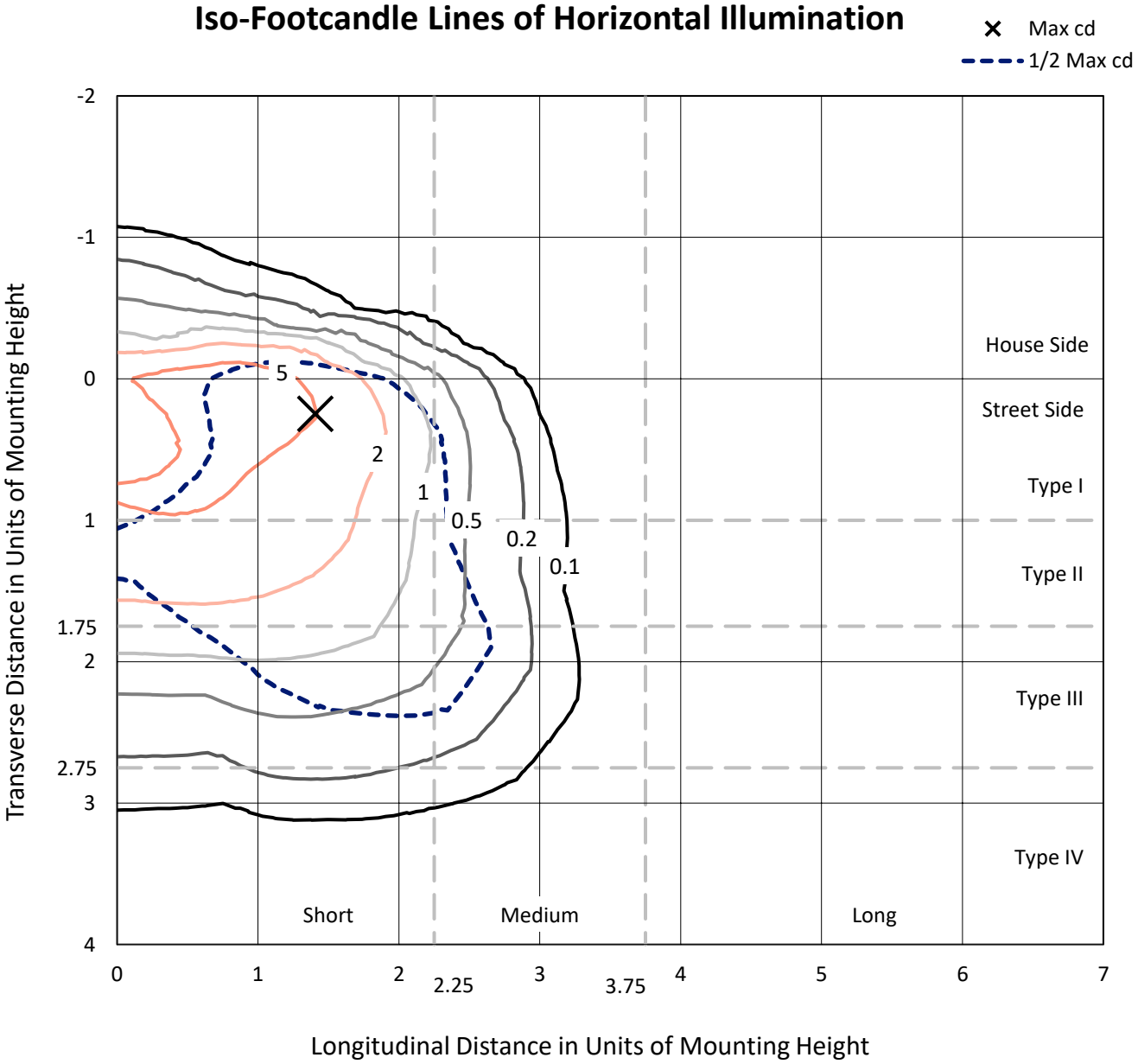
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.8 fc
Type III - Short - N/A

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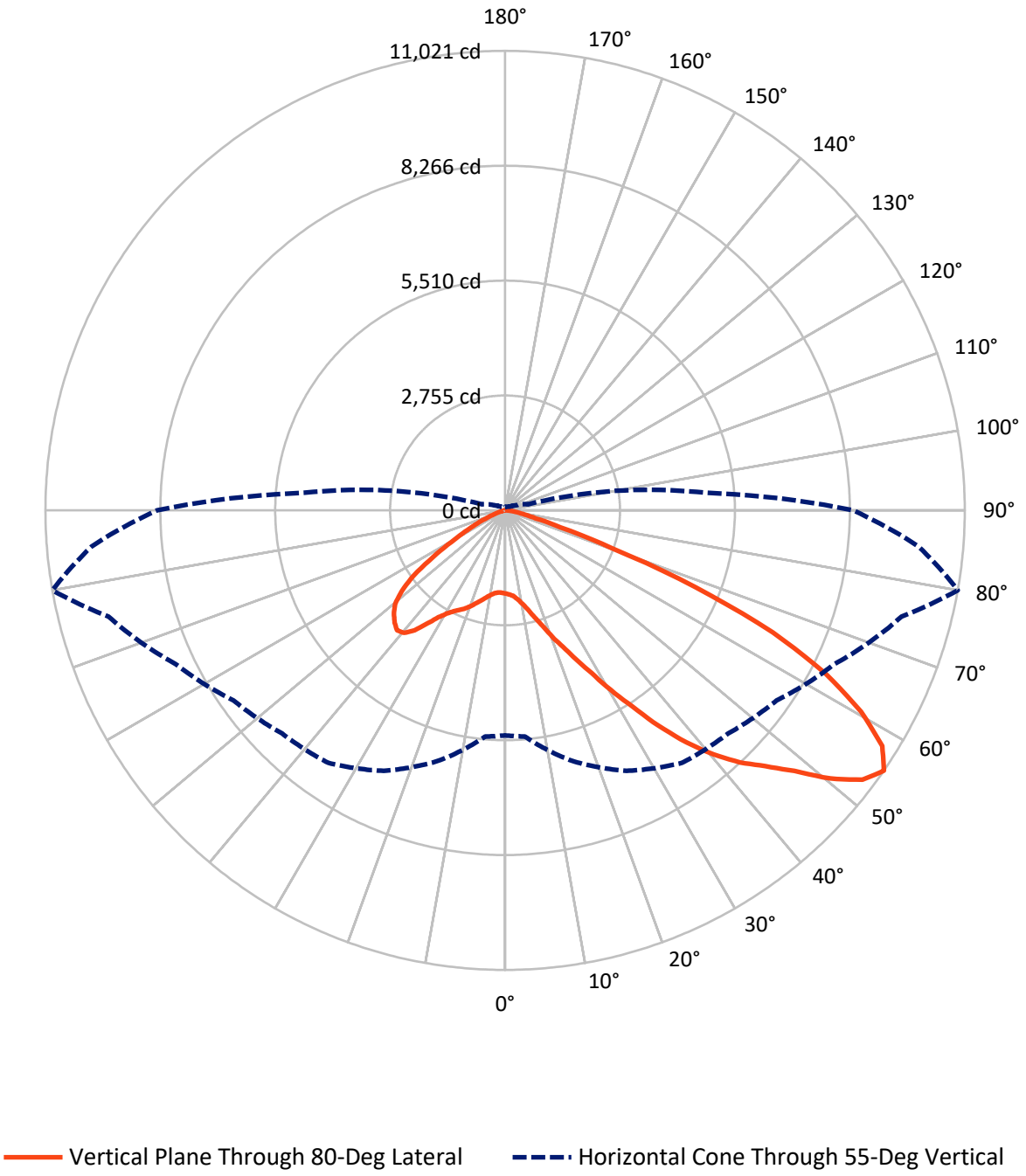
Luminous Intensity Polar Plot



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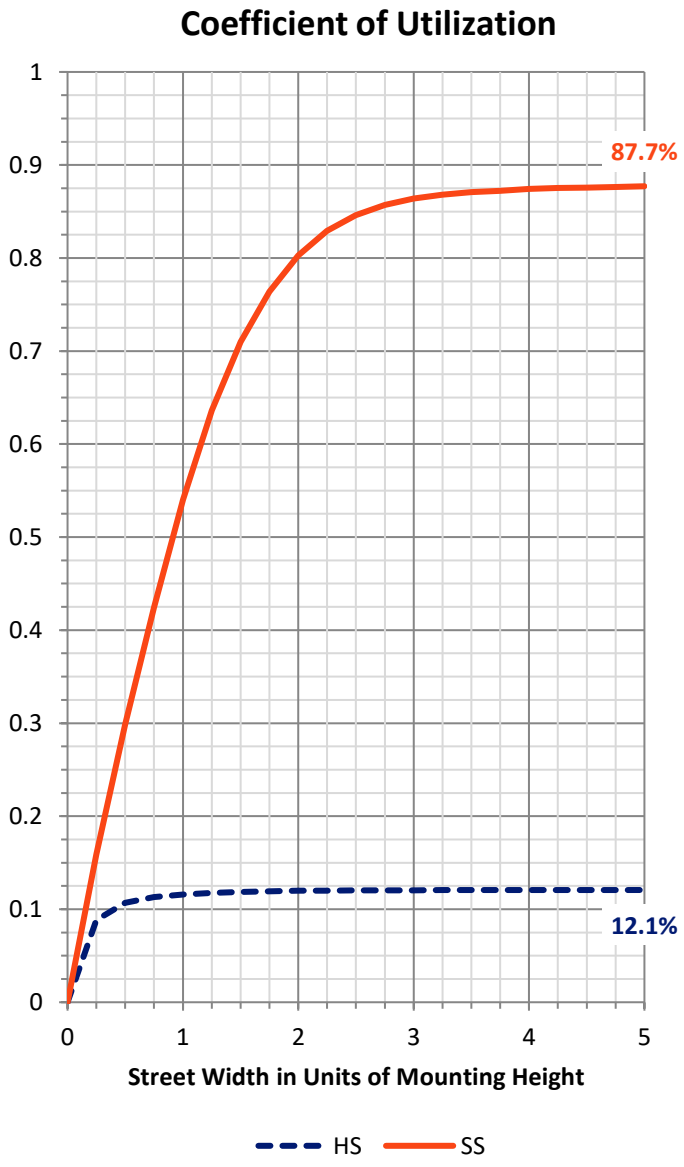
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1739.6	0.0	1739.6
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	12570.7	0.0	12570.7
	% Fixture	87.8	0.0	87.8
Total	Lumens	14310.3	0.0	14310.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.3	1.2
10°-20°	441.0	3.1
20°-30°	863.4	6.0
30°-40°	1756.5	12.3
40°-50°	2961.3	20.7
50°-60°	3783.6	26.4
60°-70°	3230.3	22.6
70°-80°	1032.3	7.2
80°-90°	74.5	0.5
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°	14310.3	100.0
0°-180°	14310.3	100.0



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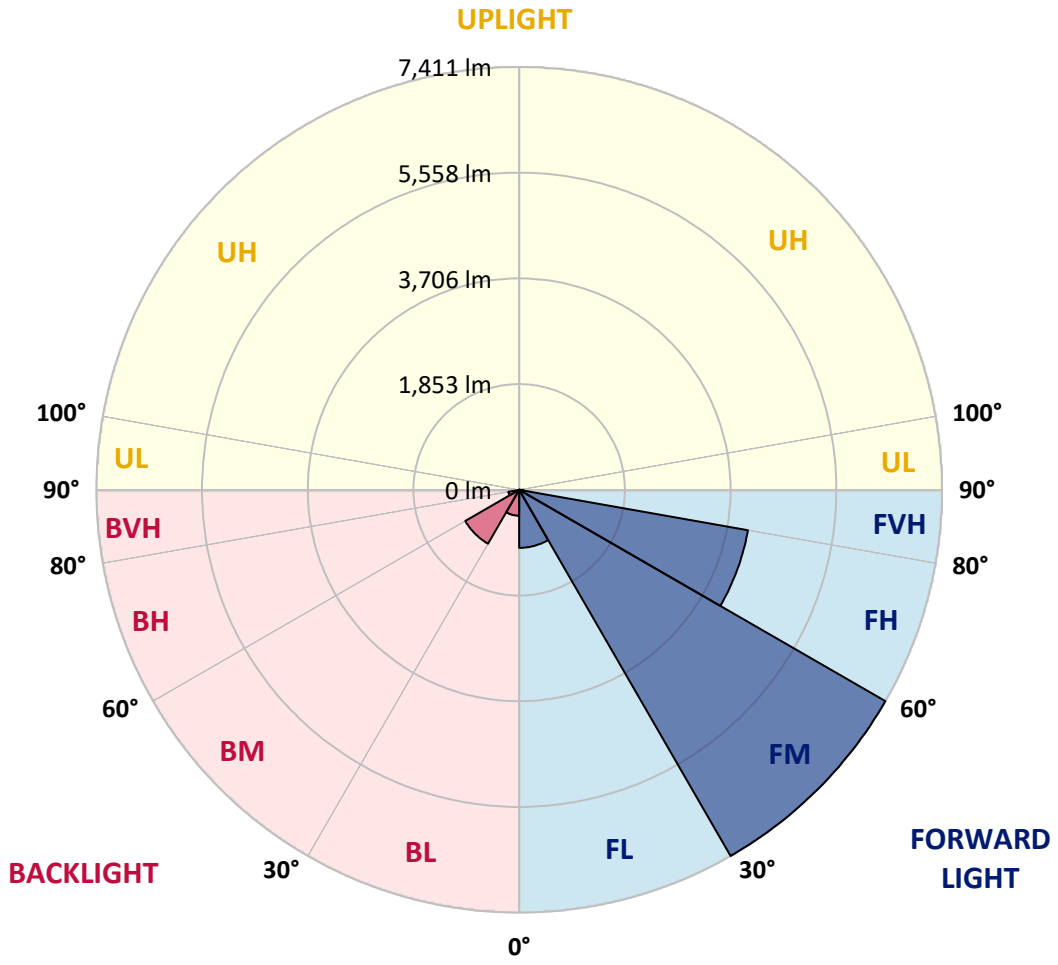
CATALOG NUMBER: GLAN-SB5A-722-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1017.5	7.1			
FM	(30°-60°)	7411.2	51.8			
FH	(60°-80°)	4071.4	28.5			G2/5000
FVH	(80°-90°)	70.7	0.5			G1/100
BL	(0°-30°)	454.2	3.2	B1/500		
BM	(30°-60°)	1090.2	7.6	B2/2500		
BH	(60°-80°)	191.2	1.3	B1/500		G1/500
BVH	(80°-90°)	3.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1993.4	1993.4	1993.4	1993.4	1993.4	1993.4	1993.4	1993.4	1993.4	*1993.4*	1993.4
2.5°	2005.6	2009.7	2005.6	2009.7	2017.8	2013.7	2030.0	2025.9	2025.9	*2021.9*	2005.6
5°	1891.7	1895.8	1903.9	1924.2	1952.7	1981.2	2017.8	2042.2	2066.6	*2062.6*	2046.3
7.5°	1667.9	1676.1	1708.6	1749.3	1842.9	1928.3	2021.9	2082.9	2135.8	*2152.1*	2139.9
10°	1541.8	1550.0	1570.3	1611.0	1696.4	1838.8	2021.9	2148.0	2241.6	*2274.1*	2278.2
12.5°	1529.6	1533.7	1550.0	1594.7	1667.9	1790.0	2017.8	2233.4	2392.1	*2440.9*	2457.2
15°	1537.8	1545.9	1562.2	1598.8	1684.2	1822.5	2050.4	2367.7	2591.4	*2660.6*	2664.6
17.5°	1570.3	1578.4	1598.8	1639.5	1733.0	1908.0	2152.1	2506.0	2831.4	*2908.7*	2953.5
20°	1635.4	1639.5	1663.9	1716.8	1822.5	2013.7	2302.6	2693.1	3120.3	*3234.2*	3266.7
22.5°	1720.8	1733.0	1765.6	1830.7	1964.9	2160.2	2510.1	2920.9	3437.6	*3555.6*	3612.5
25°	1814.4	1830.7	1879.5	1985.3	2156.1	2383.9	2766.4	3222.0	3811.9	*3954.3*	4031.6
27.5°	2005.6	2009.7	2042.2	2176.5	2396.1	2676.9	3091.8	3608.5	4251.2	*4418.0*	4503.5
30°	2424.6	2428.7	2400.2	2436.8	2660.6	3022.6	3474.2	4060.0	4763.8	*4995.7*	5064.9
32.5°	2937.2	2957.6	2953.5	2929.1	3030.8	3368.4	3929.8	4601.1	5365.9	*5610.0*	5675.1
35°	3519.0	3567.8	3555.6	3547.4	3559.6	3811.9	4450.6	5199.1	6049.4	*6346.3*	6399.2
37.5°	4088.5	4100.7	4157.7	4226.8	4235.0	4409.9	5052.7	5833.7	6684.0	*7062.3*	7143.7
40°	4527.9	4568.5	4710.9	4849.3	4991.6	5130.0	5549.0	6346.3	7188.4	*7697.0*	7733.6
42.5°	4869.6	4967.2	5174.7	5390.3	5679.2	5833.7	6020.9	6708.4	7599.3	*8262.4*	8246.2
45°	5284.5	5325.2	5618.1	5902.9	6195.8	6431.8	6427.7	7013.5	7920.7	*8746.6*	8644.8
47.5°	5565.2	5614.1	6012.7	6346.3	6647.4	6765.4	6789.8	7343.0	8364.1	*9332.4*	9092.3
50°	5715.8	5801.2	6236.5	6659.6	6985.0	7021.7	7131.5	7774.3	8945.9	*10109.4*	9657.8
52.5°	5732.0	5813.4	6313.8	6858.9	7212.9	7286.1	7473.2	8262.4	9511.4	*10731.8*	9983.3
55°	*5394.4*	*5443.2*	*6220.2*	*6891.5*	*7391.9*	*7562.7*	*7945.1*	*8714.0*	*9840.9*	*11020.7*	*9954.8*
57.5°	5077.1	5125.9	5801.2	6834.5	7574.9	7924.8	8449.6	9023.2	9584.6	*10662.7*	9320.2
60°	4804.5	4828.9	5443.2	6570.1	7644.1	8278.7	8884.9	8718.1	8921.5	*9804.3*	8234.0
62.5°	4291.9	4308.2	5036.4	6094.1	7505.8	8551.3	9035.4	8071.2	8193.3	*8620.4*	6956.6
65°	3242.3	3303.3	3970.5	5736.1	7277.9	8677.4	8685.5	7282.0	7155.9	*7054.2*	5471.7
67.5°	2200.9	2270.0	2672.8	5158.4	6907.7	8730.3	8006.1	6260.9	5451.3	*4926.5*	3584.1
70°	1757.4	1757.4	1895.8	4145.5	6029.0	8055.0	7164.0	4727.2	3462.0	*2721.6*	1920.2
72.5°	1155.4	1159.4	1289.6	2632.1	4275.6	6142.9	5841.9	2733.8	1798.1	*1387.2*	947.9
75°	419.0	419.0	565.5	1053.7	2261.9	3657.3	3559.6	1305.9	976.4	*756.7*	573.6
77.5°	223.7	231.9	272.6	435.3	866.5	1488.9	1391.3	667.2	553.3	*471.9*	358.0
80°	150.5	154.6	183.1	268.5	419.0	573.6	447.5	374.3	374.3	*317.3*	240.0
82.5°	81.4	85.4	122.0	174.9	223.7	268.5	215.6	219.7	264.4	*215.6*	138.3
85°	57.0	57.0	93.6	126.1	126.1	130.2	93.6	138.3	154.6	*134.2*	93.6
87.5°	32.5	32.5	52.9	61.0	61.0	57.0	28.5	48.8	61.0	*69.2*	40.7
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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Scaled Data Report

REPORT NUMBER: P1458111
CATALOG NUMBER: GLAN-SB5A-722-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1993.4	1993.4	1993.4	1993.4	1993.4	1993.4	1993.4	1993.4	1993.4	1993.4	1993.4
2.5°	2001.5	1989.3	1964.9	1916.1	1891.7	1859.2	1830.7	1794.1	1785.9	1781.9	1765.6
5°	2034.1	2009.7	1936.4	1830.7	1741.2	1655.7	1570.3	1521.5	1480.8	1460.5	1456.4
7.5°	2115.4	2066.6	1932.4	1745.2	1578.4	1432.0	1305.9	1196.0	1139.1	1090.3	1094.3
10°	2237.5	2160.2	1940.5	1663.9	1415.7	1179.8	996.7	838.0	724.1	671.2	667.2
12.5°	2400.2	2290.4	1969.0	1582.5	1216.4	886.9	655.0	561.4	537.0	532.9	528.9
15°	2599.6	2445.0	1997.5	1476.7	947.9	614.3	532.9	512.6	508.5	504.5	504.5
17.5°	2839.6	2624.0	2013.7	1297.7	691.6	528.9	500.4	488.2	484.1	480.0	480.0
20°	3140.6	2823.3	2034.1	1069.9	585.8	508.5	476.0	459.7	455.6	455.6	451.6
22.5°	3437.6	3047.1	2017.8	870.6	565.5	484.1	447.5	431.2	423.1	423.1	419.0
25°	3779.3	3274.9	1969.0	785.2	561.4	463.8	419.0	394.6	382.4	378.3	378.3
27.5°	4169.9	3535.2	1891.7	789.2	561.4	447.5	382.4	349.9	341.7	333.6	333.6
30°	4617.4	3852.6	1834.7	842.1	569.5	431.2	349.9	309.2	297.0	288.8	292.9
32.5°	5130.0	4206.5	1830.7	927.5	581.7	406.8	313.2	268.5	256.3	252.2	256.3
35°	5711.7	4645.8	1924.2	992.6	549.2	353.9	268.5	231.9	219.7	219.7	223.7
37.5°	6358.5	5150.3	2050.4	976.4	443.4	280.7	231.9	203.4	191.2	195.3	199.3
40°	6948.4	5544.9	2070.7	834.0	333.6	240.0	199.3	179.0	170.9	174.9	179.0
42.5°	7395.9	5862.2	1875.4	646.8	280.7	203.4	170.9	154.6	150.5	158.7	158.7
45°	7758.0	5988.3	1566.2	480.0	248.2	174.9	150.5	142.4	134.2	138.3	138.3
47.5°	8136.3	6008.7	1277.4	386.5	219.7	158.7	138.3	130.2	122.0	122.0	122.0
50°	8502.5	5959.9	976.4	341.7	203.4	142.4	126.1	118.0	109.8	105.8	105.8
52.5°	8592.0	5569.3	716.0	317.3	187.1	134.2	118.0	109.8	101.7	97.6	97.6
55°	*8343.8*	*4828.9*	*561.4*	*284.8*	*170.9*	*122.0*	*109.8*	*101.7*	*89.5*	*85.4*	*85.4*
57.5°	7526.1	3681.7	447.5	244.1	154.6	118.0	101.7	93.6	81.4	77.3	77.3
60°	6464.3	2611.8	362.1	199.3	142.4	105.8	93.6	81.4	73.2	65.1	65.1
62.5°	5288.6	1875.4	292.9	166.8	134.2	93.6	85.4	73.2	57.0	44.7	44.7
65°	4056.0	1346.6	227.8	134.2	122.0	81.4	73.2	61.0	44.7	32.5	32.5
67.5°	2624.0	870.6	170.9	118.0	93.6	69.2	57.0	48.8	40.7	28.5	24.4
70°	1383.2	508.5	126.1	101.7	69.2	52.9	48.8	40.7	32.5	20.3	20.3
72.5°	716.0	333.6	93.6	89.5	52.9	36.6	40.7	32.5	24.4	12.2	12.2
75°	459.7	223.7	69.2	73.2	32.5	28.5	28.5	20.3	12.2	8.1	4.1
77.5°	297.0	150.5	48.8	61.0	20.3	16.3	16.3	8.1	4.1	0.0	0.0
80°	174.9	93.6	32.5	40.7	8.1	8.1	4.1	0.0	0.0	0.0	0.0
82.5°	89.5	48.8	16.3	16.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	57.0	24.4	4.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.5	8.1	4.1	0.0	0.0	0.0	0.0	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

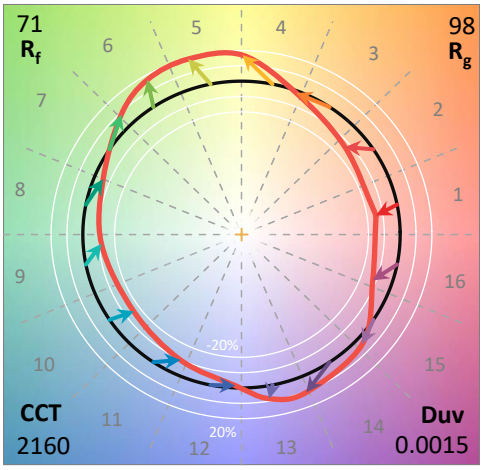
Test Information

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

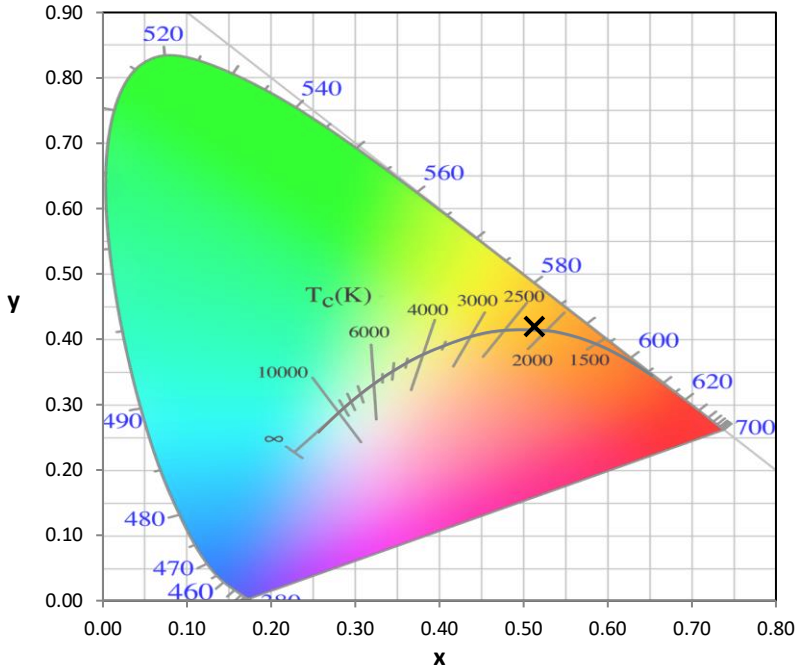
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

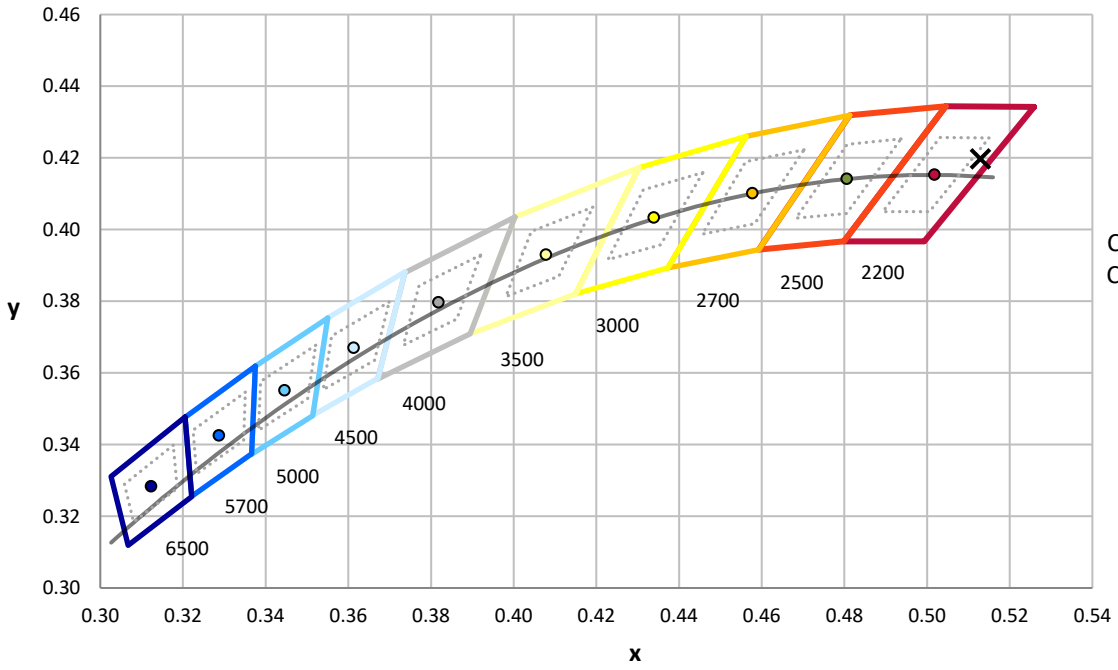
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

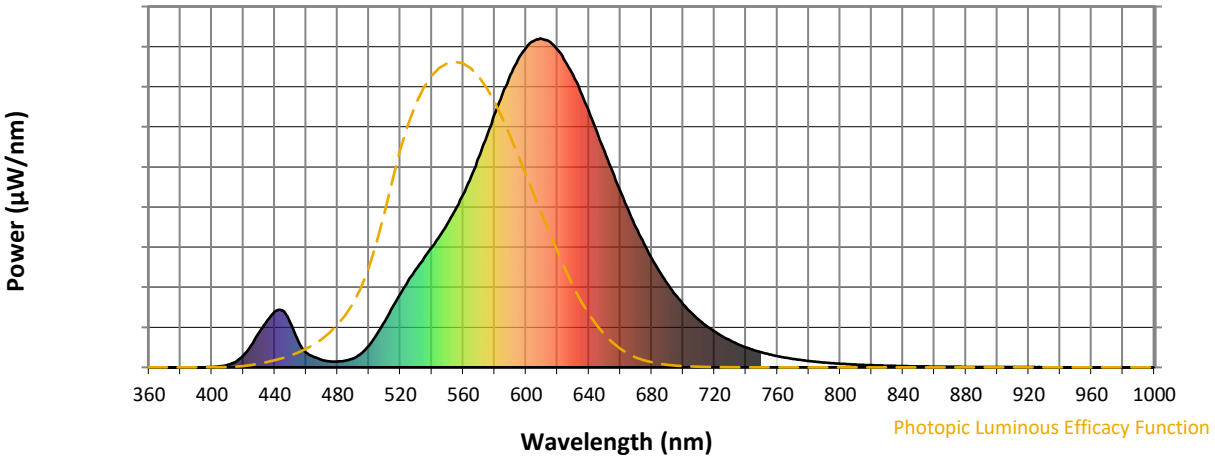


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

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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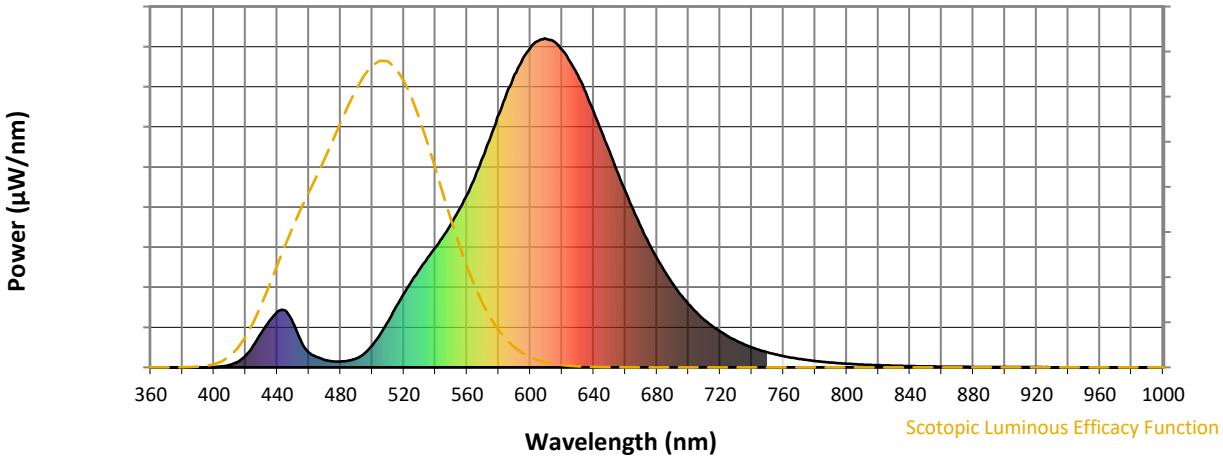
Scotopic Flux vs. Wavelength



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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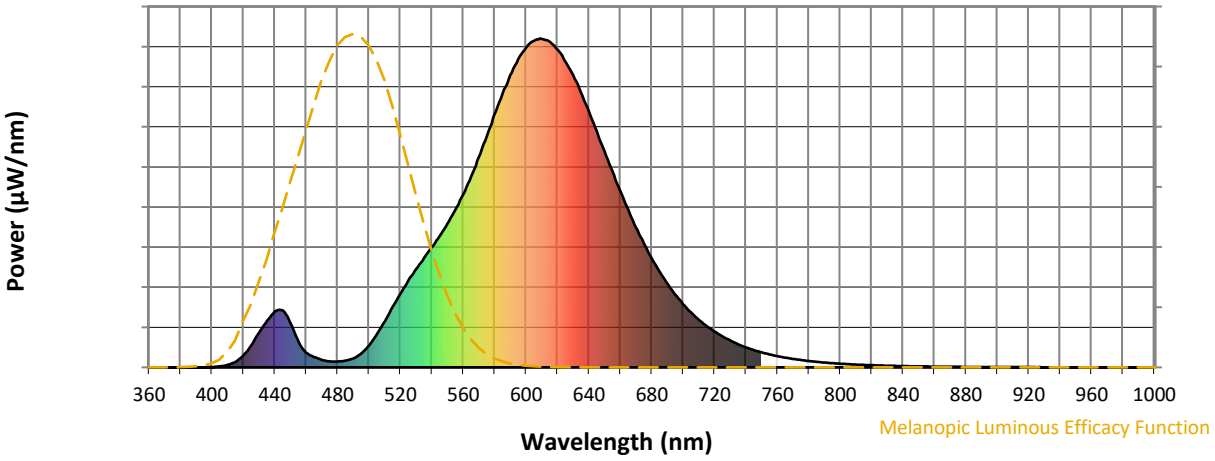
Melanopic Flux vs. Wavelength



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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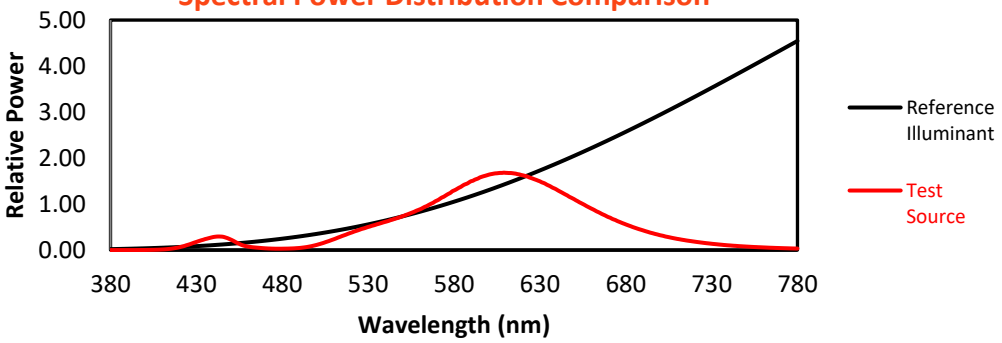
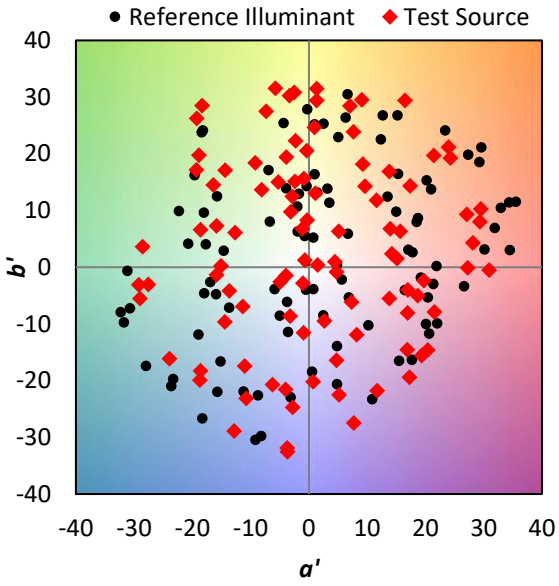
Summary

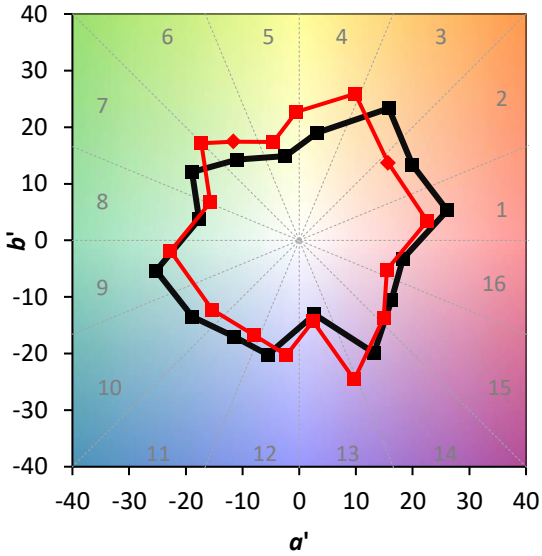
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

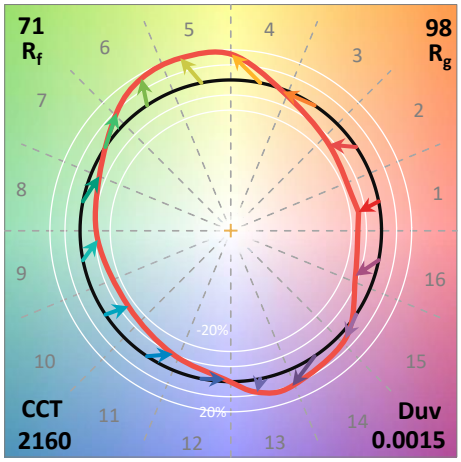
Spectral Power Distribution Comparison

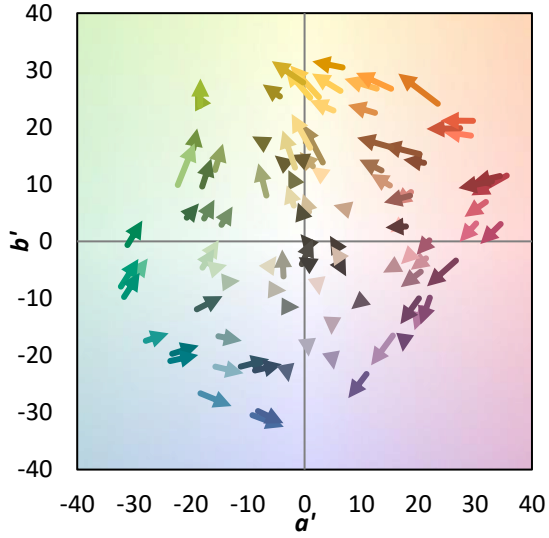


Color Vector Graphics









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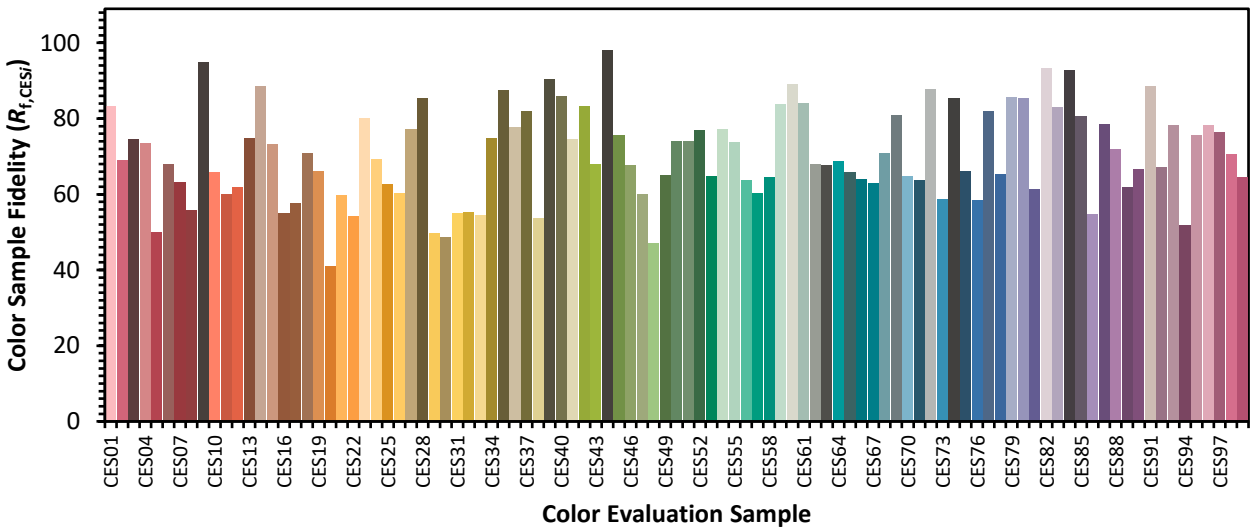
Individual Sample Fidelity Index ($R_{f,i}$)

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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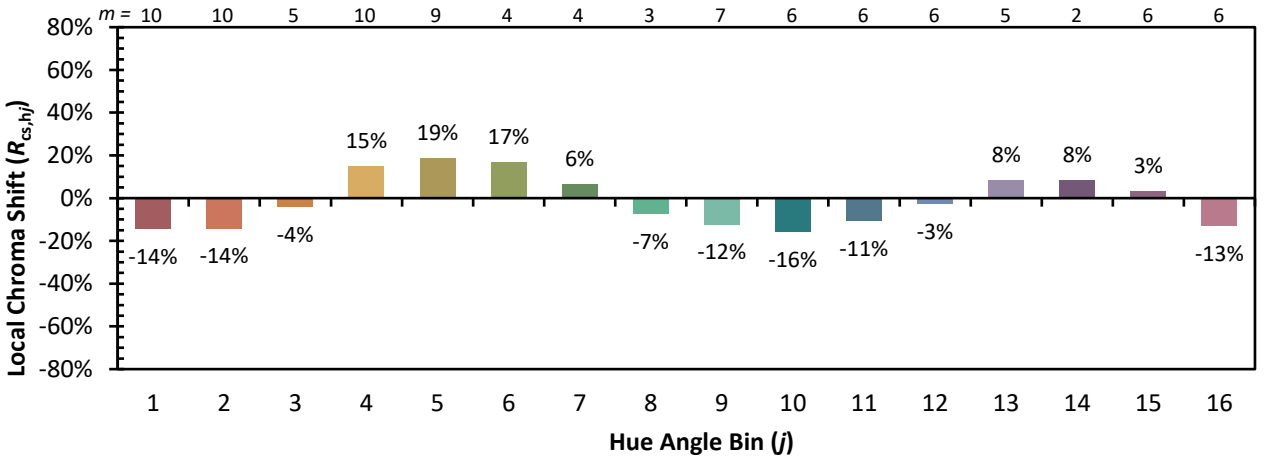
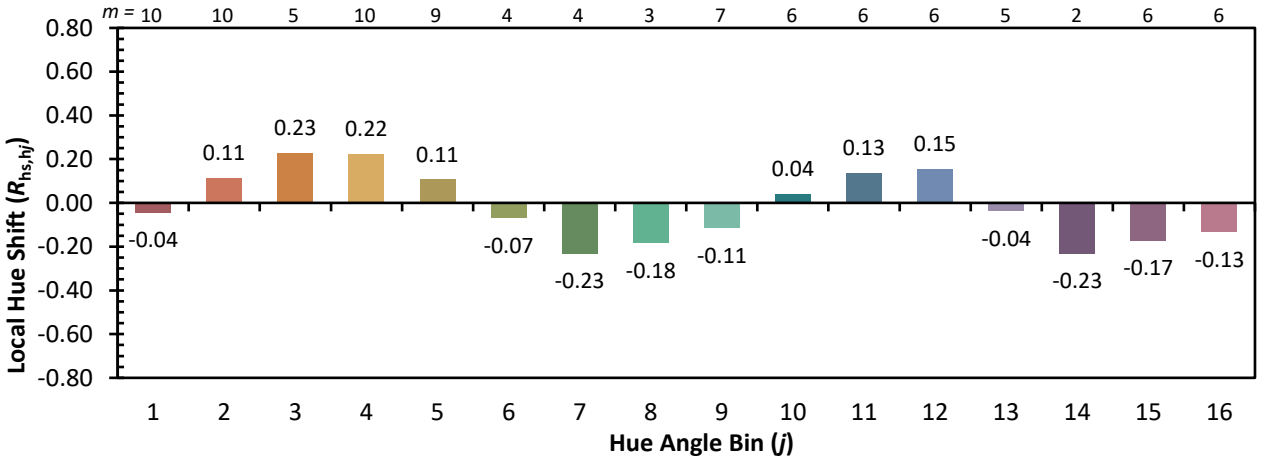
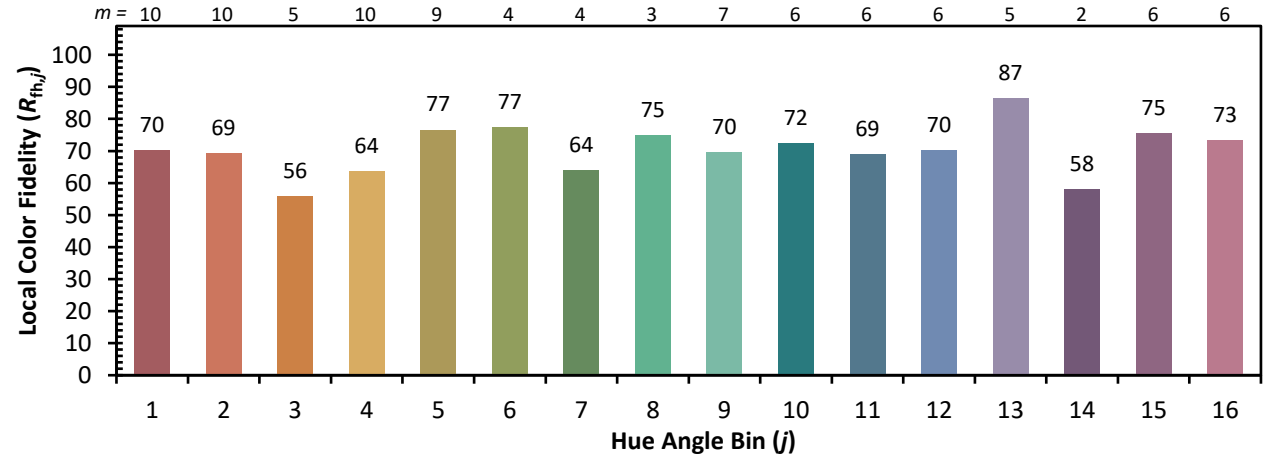
Color Rendition by Hue-Angle Bin







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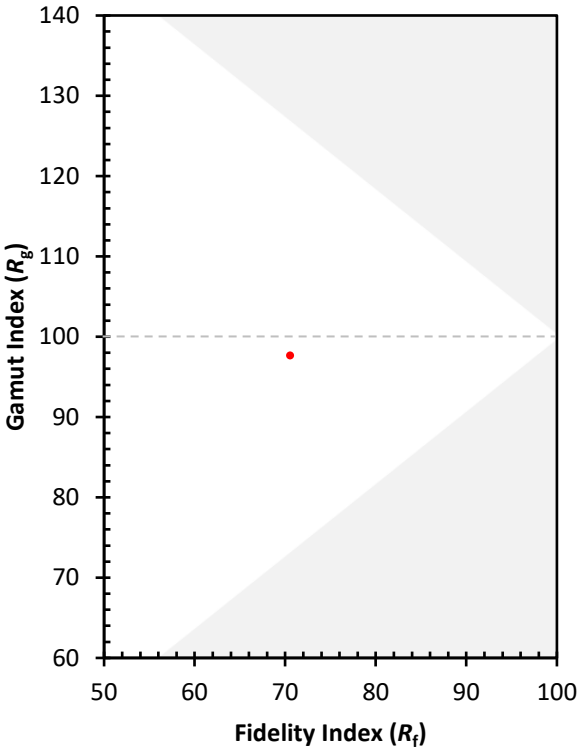
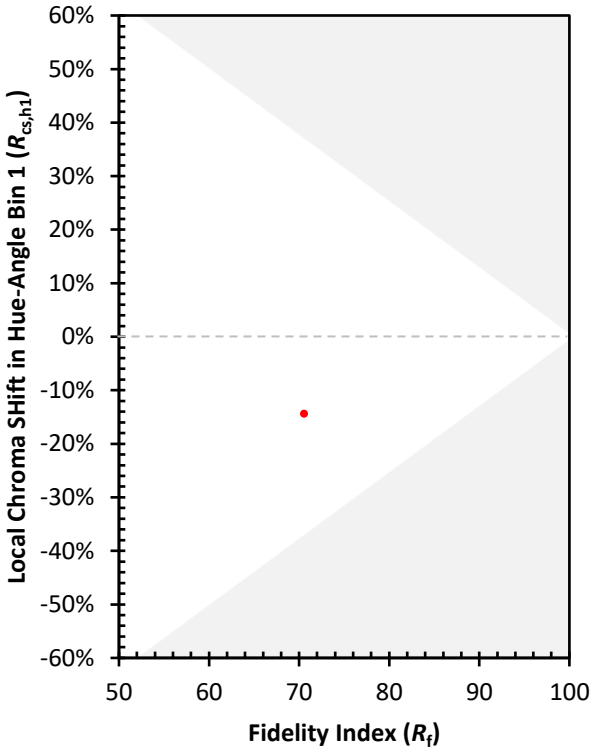
Measure Comparisons





(END OF REPORT)