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: P1458107

Luminaire Tested: GLAN-SB4A-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:	P1458107
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-722-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 70CRI 2200K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11353.7 lumens
Efficiency:	N/A
Efficacy:	99.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	114
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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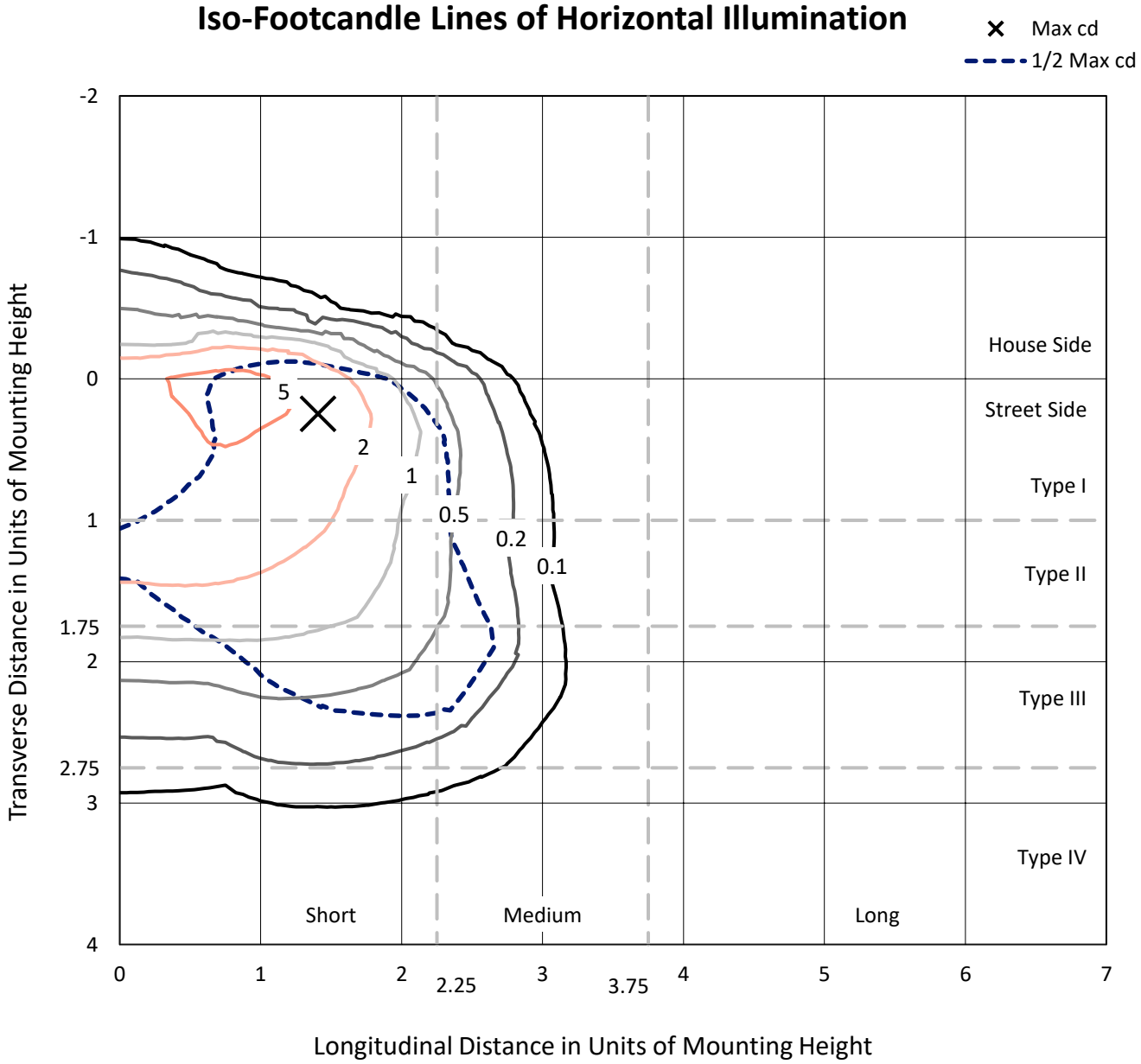
REPORT NUMBER: P1458107
CATALOG NUMBER: GLAN-SB4A-722-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7 fc
Type III - Short - N/A

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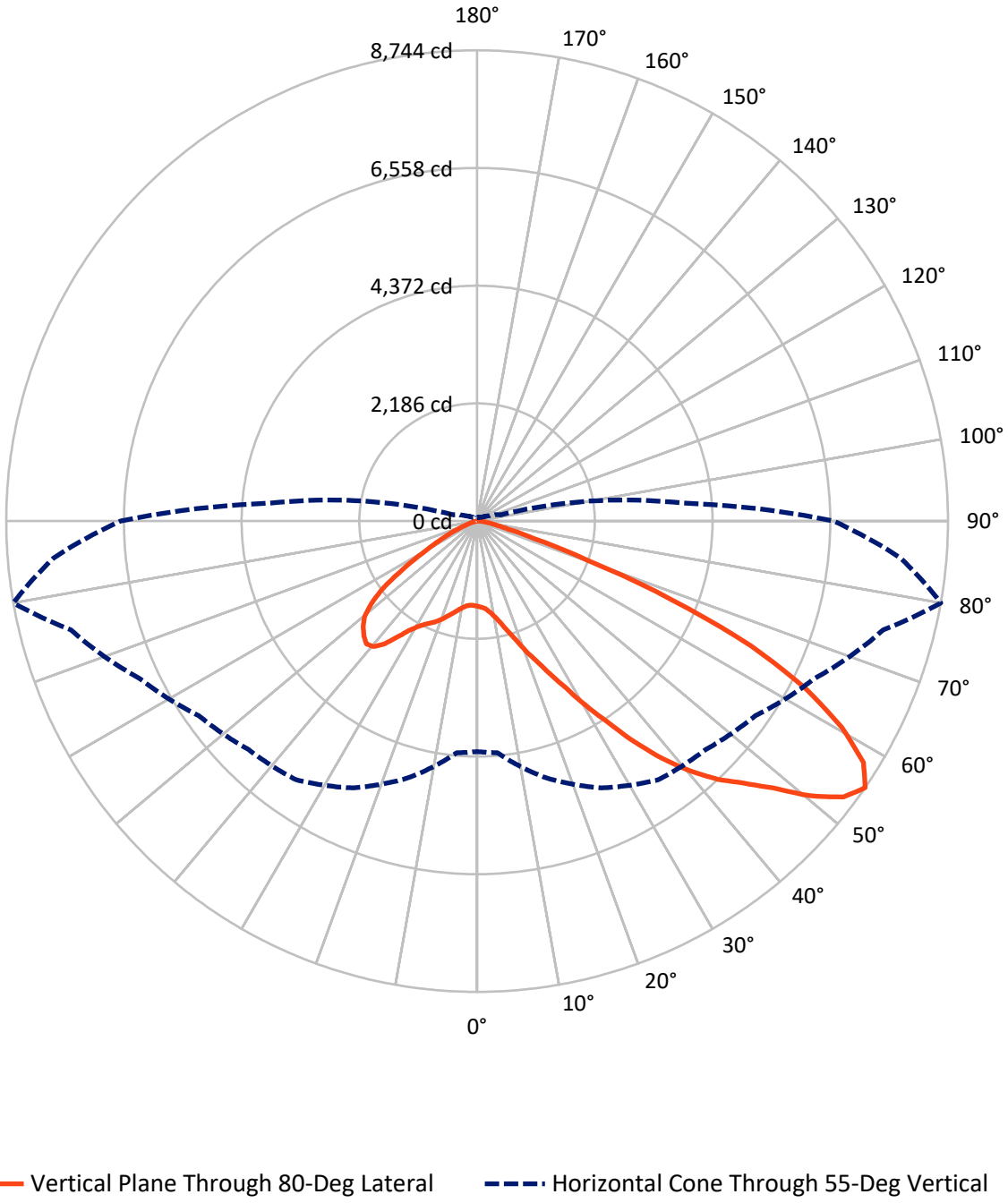
Luminous Intensity Polar Plot



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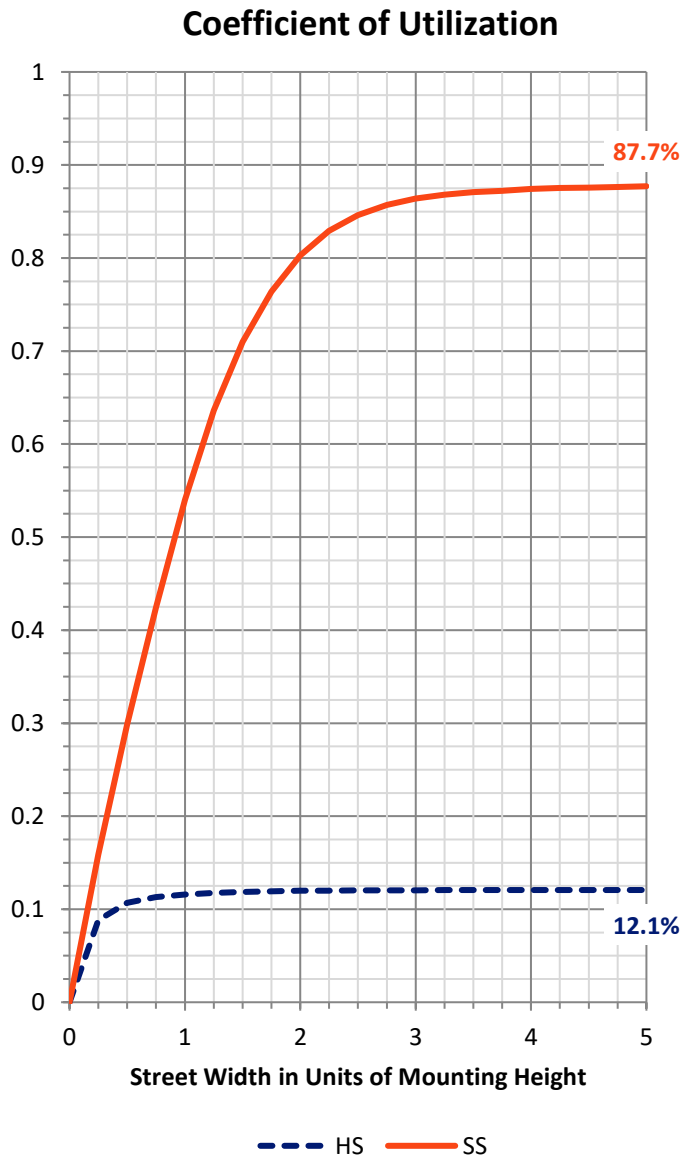
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1380.2	0.0	1380.2
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	9973.5	0.0	9973.5
	% Fixture	87.8	0.0	87.8
Total	Lumens	11353.7	0.0	11353.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.7	1.2
10°-20°	349.9	3.1
20°-30°	685.0	6.0
30°-40°	1393.6	12.3
40°-50°	2349.5	20.7
50°-60°	3001.9	26.4
60°-70°	2562.9	22.6
70°-80°	819.0	7.2
80°-90°	59.1	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°	11353.7	100.0
0°-180°	11353.7	100.0



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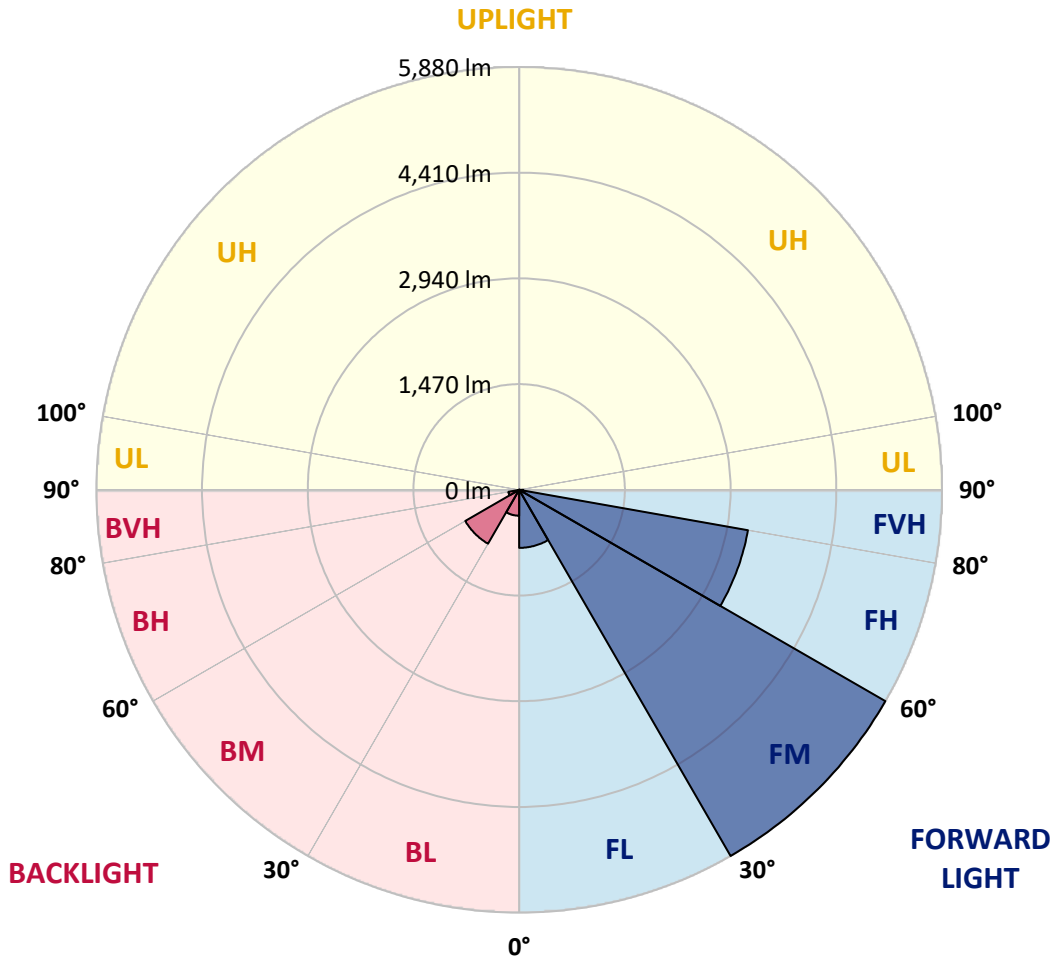
REPORT NUMBER: P1458107
CATALOG NUMBER: GLAN-SB4A-722-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	807.3	7.1			
FM	(30°-60°)	5880.0	51.8			
FH	(60°-80°)	3230.2	28.5			G2/5000
FVH	(80°-90°)	56.1	0.5			G1/100
BL	(0°-30°)	360.4	3.2	B1/500		
BM	(30°-60°)	865.0	7.6	B1/1000		
BH	(60°-80°)	151.7	1.3	B1/500		G1/500
BVH	(80°-90°)	3.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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REPORT NUMBER: P1458107
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1581.6	1581.6	1581.6	1581.6	1581.6	1581.6	1581.6	1581.6	1581.6	*1581.6*	1581.6
2.5°	1591.2	1594.5	1591.2	1594.5	1600.9	1597.7	1610.6	1607.4	1607.4	*1604.1*	1591.2
5°	1500.9	1504.1	1510.5	1526.7	1549.3	1571.9	1600.9	1620.3	1639.6	*1636.4*	1623.5
7.5°	1323.3	1329.8	1355.6	1387.9	1462.1	1529.9	1604.1	1652.6	1694.5	*1707.4*	1697.7
10°	1223.3	1229.7	1245.9	1278.2	1345.9	1458.9	1604.1	1704.2	1778.4	*1804.3*	1807.5
12.5°	1213.6	1216.8	1229.7	1265.2	1323.3	1420.2	1600.9	1772.0	1897.9	*1936.6*	1949.5
15°	1220.1	1226.5	1239.4	1268.5	1336.2	1446.0	1626.7	1878.5	2056.0	*2110.9*	2114.1
17.5°	1245.9	1252.3	1268.5	1300.7	1375.0	1513.8	1707.4	1988.2	2246.4	*2307.8*	2343.3
20°	1297.5	1300.7	1320.1	1362.1	1446.0	1597.7	1826.9	2136.7	2475.6	*2566.0*	2591.8
22.5°	1365.3	1375.0	1400.8	1452.4	1559.0	1713.9	1991.5	2317.5	2727.4	*2821.0*	2866.2
25°	1439.5	1452.4	1491.2	1575.1	1710.7	1891.4	2194.8	2556.3	3024.3	*3137.3*	3198.6
27.5°	1591.2	1594.5	1620.3	1726.8	1901.1	2123.8	2453.0	2862.9	3372.9	*3505.2*	3573.0
30°	1923.7	1926.9	1904.3	1933.4	2110.9	2398.1	2756.4	3221.2	3779.6	*3963.6*	4018.4
32.5°	2330.4	2346.5	2343.3	2323.9	2404.6	2672.5	3117.9	3650.5	4257.3	*4450.9*	4502.6
35°	2791.9	2830.7	2821.0	2814.5	2824.2	3024.3	3531.1	4124.9	4799.5	*5035.1*	5077.1
37.5°	3243.8	3253.5	3298.7	3353.5	3360.0	3498.8	4008.7	4628.5	5303.0	*5603.2*	5667.8
40°	3592.4	3624.7	3737.6	3847.4	3960.3	4070.1	4402.5	5035.1	5703.3	*6106.7*	6135.8
42.5°	3863.5	3941.0	4105.6	4276.6	4505.8	4628.5	4776.9	5322.4	6029.3	*6555.4*	6542.5
45°	4192.7	4225.0	4457.4	4683.3	4915.7	5102.9	5099.7	5564.5	6284.2	*6939.5*	6858.8
47.5°	4415.4	4454.2	4770.5	5035.1	5274.0	5367.6	5387.0	5825.9	6636.1	*7404.2*	7213.8
50°	4534.9	4602.6	4948.0	5283.7	5541.9	5570.9	5658.1	6168.0	7097.6	*8020.7*	7662.5
52.5°	4547.8	4612.3	5009.3	5441.8	5722.6	5780.7	5929.2	6555.4	7546.3	*8514.6*	7920.7
55°	*4279.9*	*4318.6*	*4935.1*	*5467.6*	*5864.6*	*6000.2*	*6303.6*	*6913.6*	*7807.7*	*8743.7*	*7898.1*
57.5°	4028.1	4066.8	4602.6	5422.5	6009.9	6287.5	6703.8	7158.9	7604.4	*8459.7*	7394.6
60°	3811.9	3831.2	4318.6	5212.7	6064.8	6568.3	7049.2	6916.9	7078.2	*7778.6*	6532.8
62.5°	3405.2	3418.1	3995.8	4835.0	5955.0	6784.5	7168.6	6403.7	6500.5	*6839.4*	5519.3
65°	2572.4	2620.9	3150.2	4551.0	5774.3	6884.6	6891.0	5777.5	5677.4	*5596.8*	4341.2
67.5°	1746.2	1801.0	2120.6	4092.7	5480.6	6926.5	6352.0	4967.4	4325.1	*3908.7*	2843.6
70°	1394.3	1394.3	1504.1	3289.0	4783.4	6390.8	5683.9	3750.5	2746.7	*2159.3*	1523.5
72.5°	916.7	919.9	1023.2	2088.3	3392.3	4873.8	4634.9	2169.0	1426.6	*1100.6*	752.0
75°	332.4	332.4	448.6	836.0	1794.6	2901.7	2824.2	1036.1	774.6	*600.3*	455.1
77.5°	177.5	184.0	216.3	345.4	687.5	1181.3	1103.9	529.3	439.0	*374.4*	284.0
80°	119.4	122.7	145.2	213.0	332.4	455.1	355.0	296.9	296.9	*251.8*	190.4
82.5°	64.6	67.8	96.8	138.8	177.5	213.0	171.1	174.3	209.8	*171.1*	109.7
85°	45.2	45.2	74.2	100.1	100.1	103.3	74.2	109.7	122.7	*106.5*	74.2
87.5°	25.8	25.8	42.0	48.4	48.4	45.2	22.6	38.7	48.4	*54.9*	32.3
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: P1458107
CATALOG NUMBER: GLAN-SB4A-722-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1581.6	1581.6	1581.6	1581.6	1581.6	1581.6	1581.6	1581.6	1581.6	1581.6	1581.6
2.5°	1588.0	1578.3	1559.0	1520.2	1500.9	1475.0	1452.4	1423.4	1416.9	1413.7	1400.8
5°	1613.8	1594.5	1536.4	1452.4	1381.4	1313.7	1245.9	1207.1	1174.9	1158.7	1155.5
7.5°	1678.4	1639.6	1533.1	1384.7	1252.3	1136.1	1036.1	948.9	903.7	865.0	868.2
10°	1775.2	1713.9	1539.6	1320.1	1123.2	936.0	790.8	664.9	574.5	532.6	529.3
12.5°	1904.3	1817.2	1562.2	1255.6	965.1	703.6	519.7	445.4	426.1	422.8	419.6
15°	2062.5	1939.8	1584.8	1171.6	752.0	487.4	422.8	406.7	403.5	400.2	400.2
17.5°	2252.9	2081.8	1597.7	1029.6	548.7	419.6	397.0	387.3	384.1	380.9	380.9
20°	2491.7	2240.0	1613.8	848.9	464.8	403.5	377.6	364.7	361.5	361.5	358.3
22.5°	2727.4	2417.5	1600.9	690.7	448.6	384.1	355.0	342.1	335.7	335.7	332.4
25°	2998.5	2598.3	1562.2	622.9	445.4	368.0	332.4	313.1	303.4	300.2	300.2
27.5°	3308.3	2804.8	1500.9	626.2	445.4	355.0	303.4	277.6	271.1	264.7	264.7
30°	3663.4	3056.6	1455.7	668.1	451.9	342.1	277.6	245.3	235.6	229.2	232.4
32.5°	4070.1	3337.4	1452.4	735.9	461.6	322.8	248.5	213.0	203.3	200.1	203.3
35°	4531.6	3686.0	1526.7	787.5	435.7	280.8	213.0	184.0	174.3	174.3	177.5
37.5°	5044.8	4086.2	1626.7	774.6	351.8	222.7	184.0	161.4	151.7	154.9	158.2
40°	5512.8	4399.3	1642.9	661.7	264.7	190.4	158.2	142.0	135.6	138.8	142.0
42.5°	5867.9	4651.1	1487.9	513.2	222.7	161.4	135.6	122.7	119.4	125.9	125.9
45°	6155.1	4751.1	1242.6	380.9	196.9	138.8	119.4	113.0	106.5	109.7	109.7
47.5°	6455.3	4767.2	1013.5	306.6	174.3	125.9	109.7	103.3	96.8	96.8	96.8
50°	6745.8	4728.5	774.6	271.1	161.4	113.0	100.1	93.6	87.1	83.9	83.9
52.5°	6816.8	4418.7	568.1	251.8	148.5	106.5	93.6	87.1	80.7	77.5	77.5
55°	*6619.9*	*3831.2*	*445.4*	*225.9*	*135.6*	*96.8*	*87.1*	*80.7*	*71.0*	*67.8*	*67.8*
57.5°	5971.2	2921.0	355.0	193.7	122.7	93.6	80.7	74.2	64.6	61.3	61.3
60°	5128.7	2072.2	287.3	158.2	113.0	83.9	74.2	64.6	58.1	51.6	51.6
62.5°	4196.0	1487.9	232.4	132.3	106.5	74.2	67.8	58.1	45.2	35.5	35.5
65°	3218.0	1068.4	180.7	106.5	96.8	64.6	58.1	48.4	35.5	25.8	25.8
67.5°	2081.8	690.7	135.6	93.6	74.2	54.9	45.2	38.7	32.3	22.6	19.4
70°	1097.4	403.5	100.1	80.7	54.9	42.0	38.7	32.3	25.8	16.1	16.1
72.5°	568.1	264.7	74.2	71.0	42.0	29.0	32.3	25.8	19.4	9.7	9.7
75°	364.7	177.5	54.9	58.1	25.8	22.6	22.6	16.1	9.7	6.5	3.2
77.5°	235.6	119.4	38.7	48.4	16.1	12.9	12.9	6.5	3.2	0.0	0.0
80°	138.8	74.2	25.8	32.3	6.5	6.5	3.2	0.0	0.0	0.0	0.0
82.5°	71.0	38.7	12.9	12.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	45.2	19.4	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.6	6.5	3.2	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

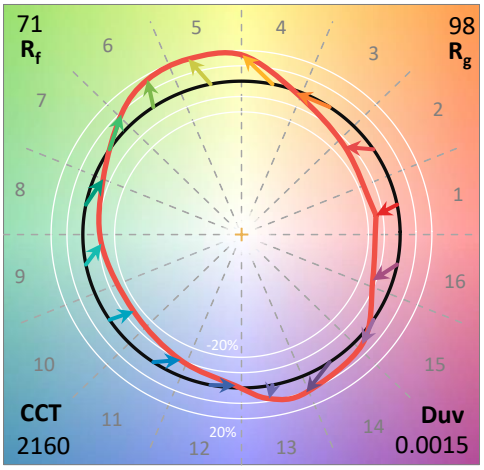
Test Information

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

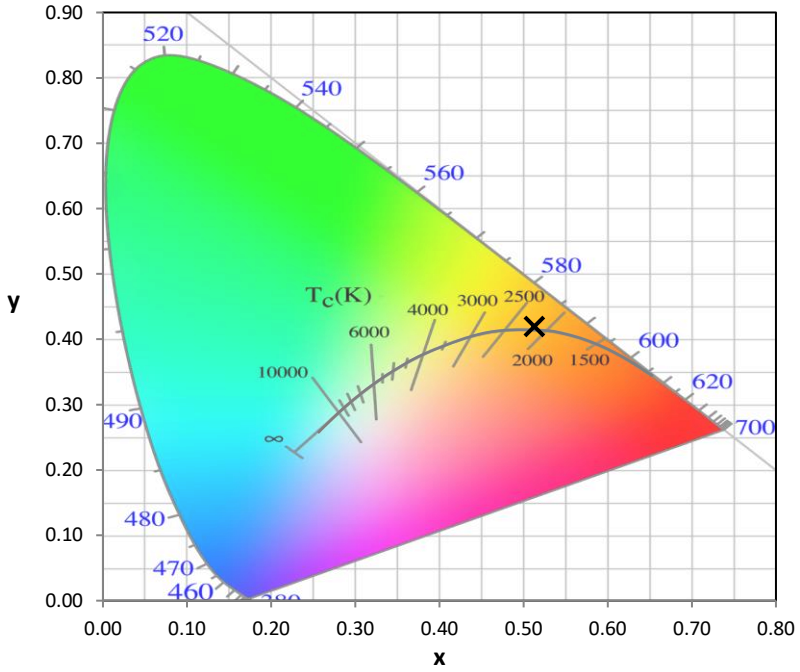
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

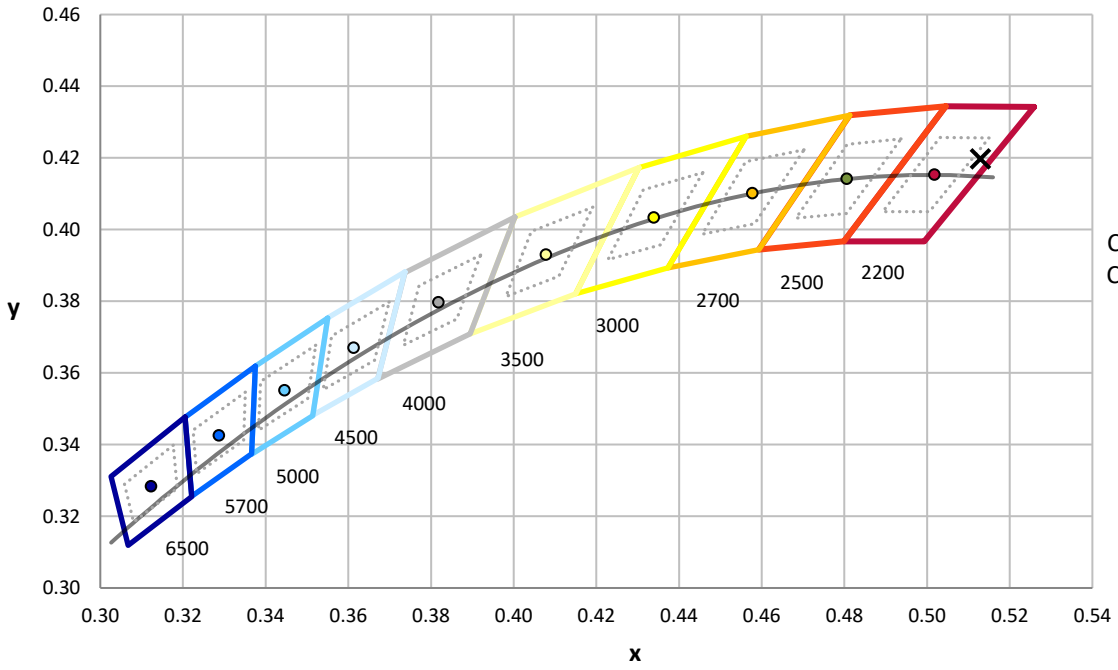
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

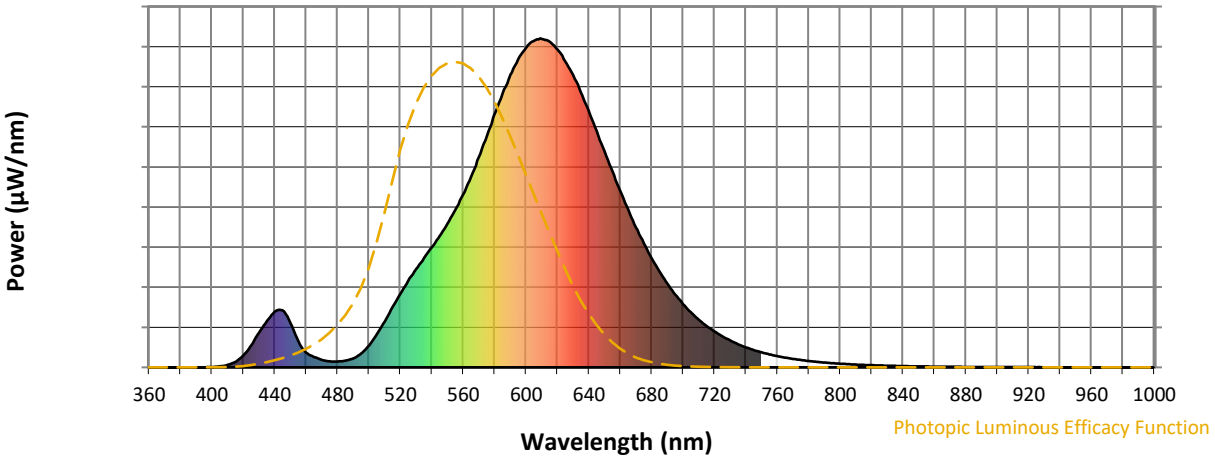


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

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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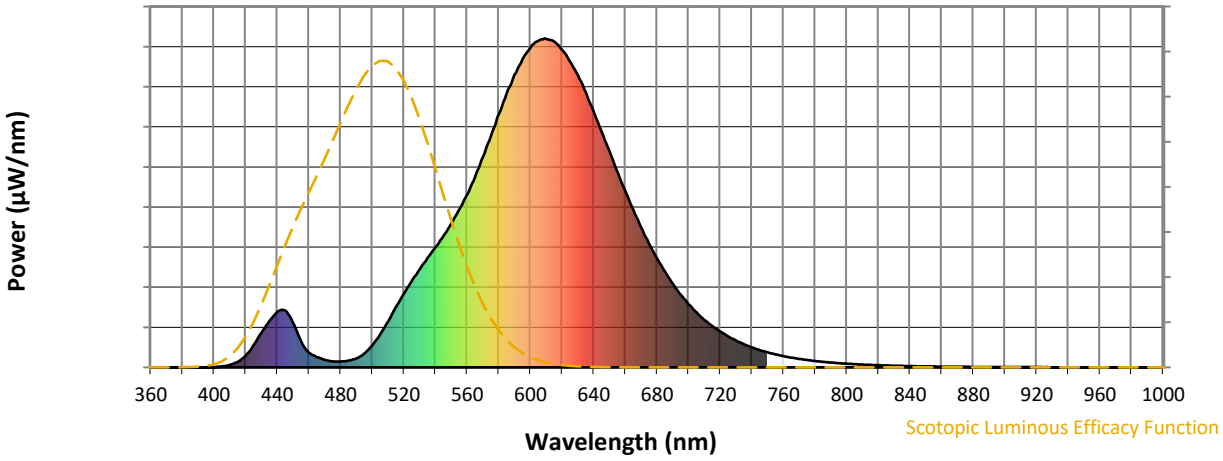
Scotopic Flux vs. Wavelength



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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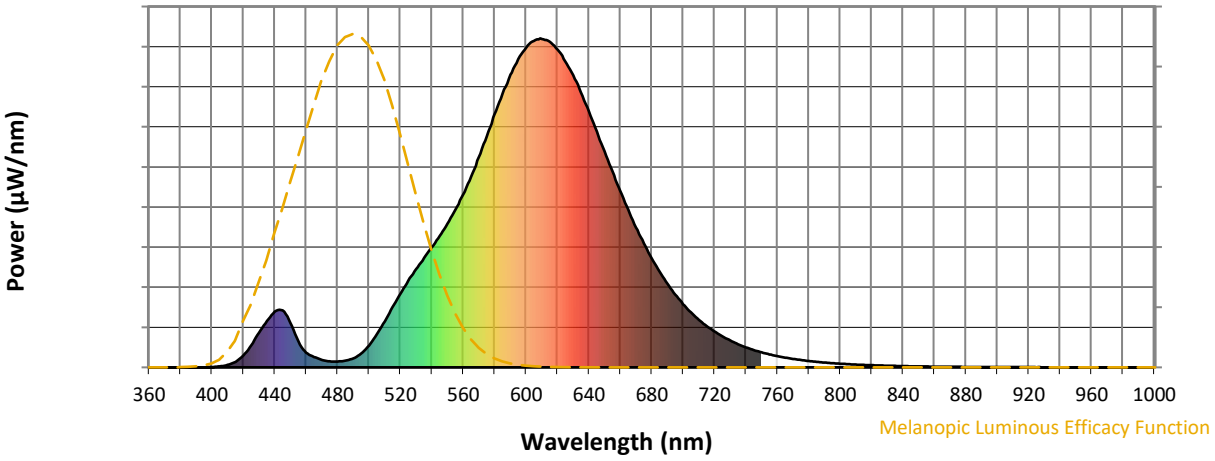
Melanopic Flux vs. Wavelength



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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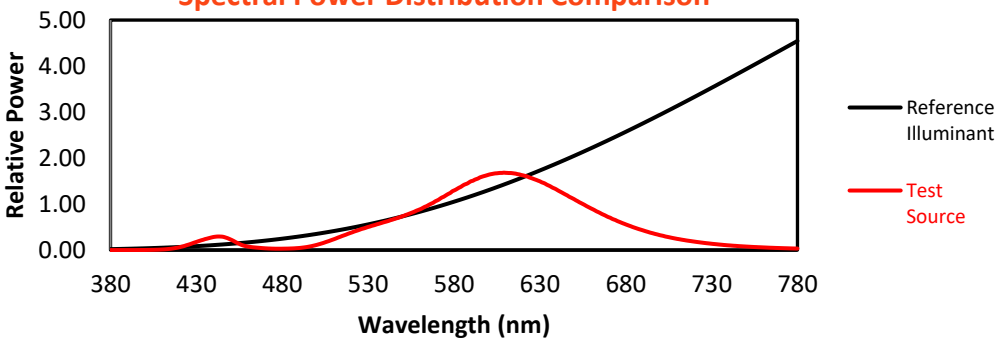
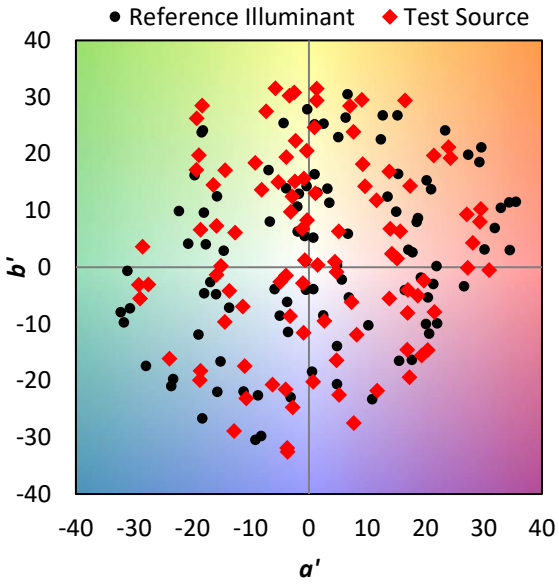
Summary

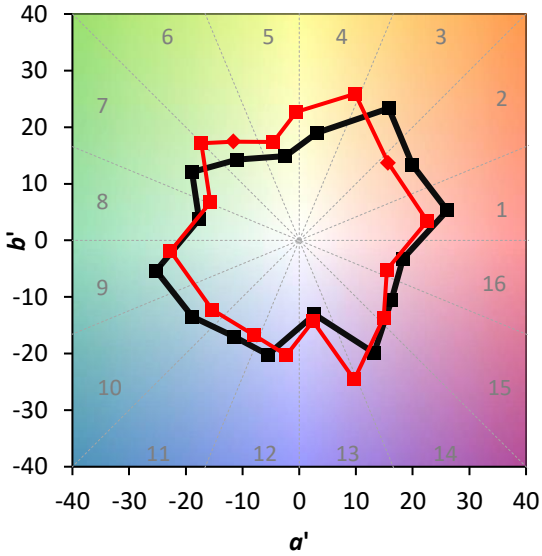
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

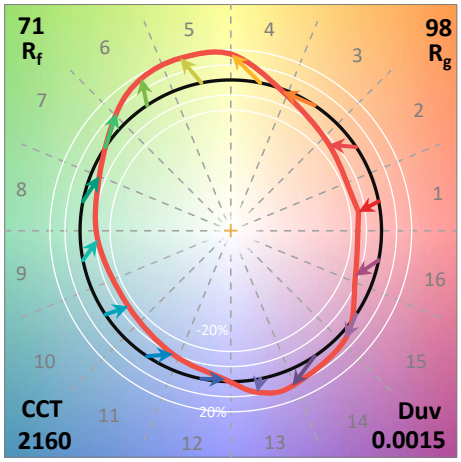
Spectral Power Distribution Comparison

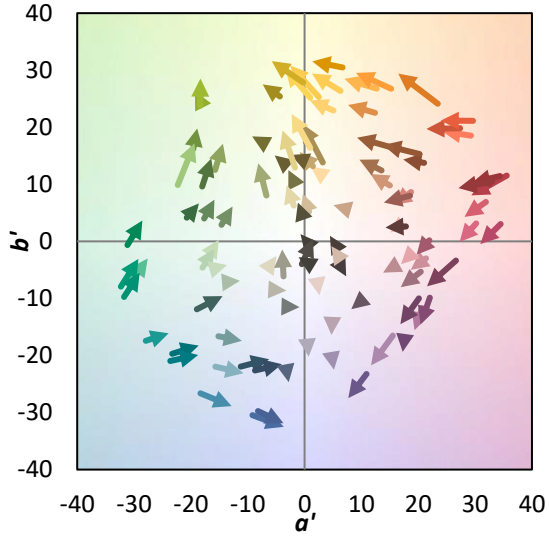


Color Vector Graphics









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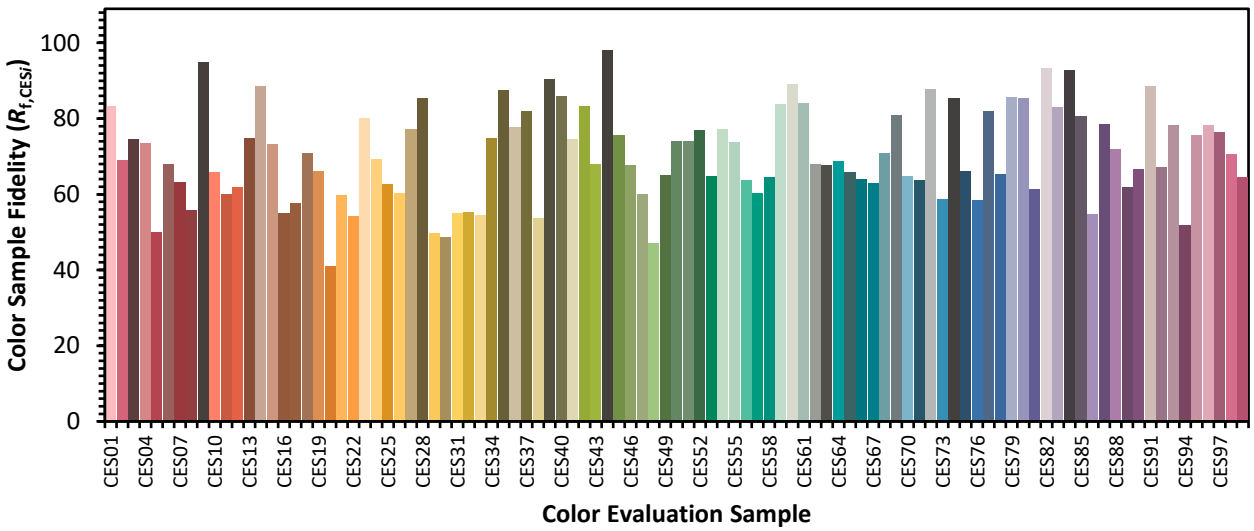
Individual Sample Fidelity Index ($R_{f,i}$)

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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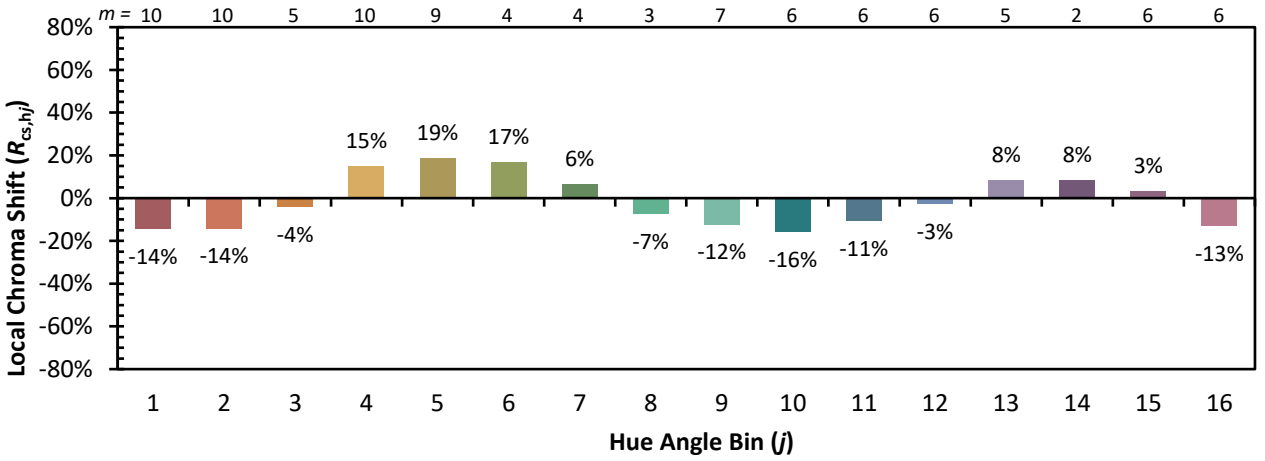
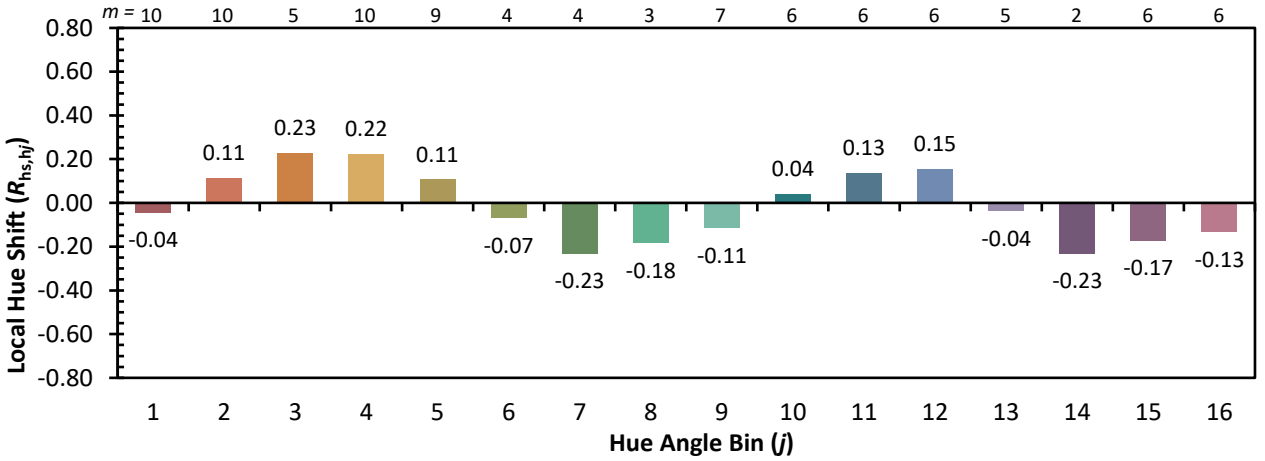
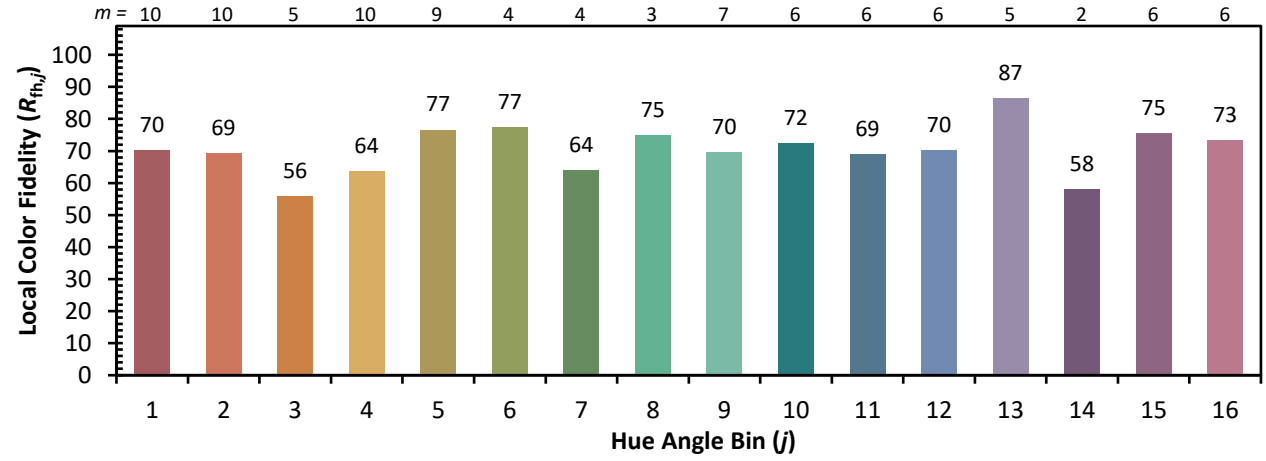
Color Rendition by Hue-Angle Bin







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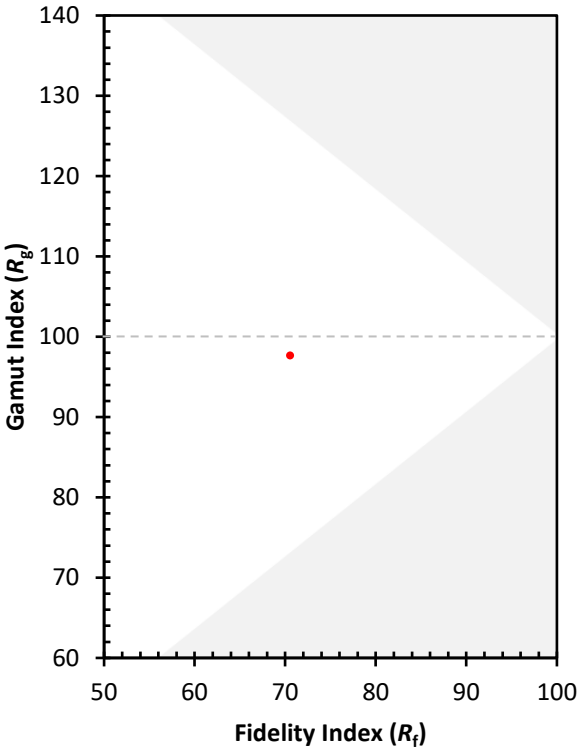
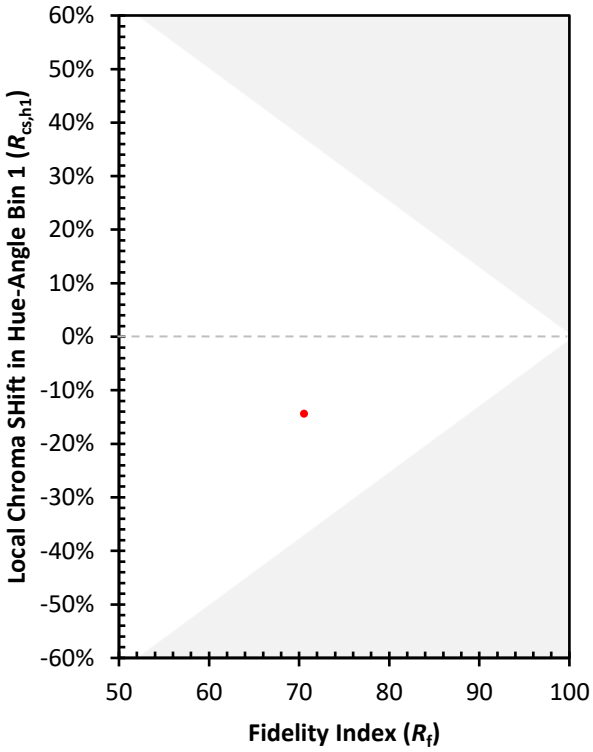
Measure Comparisons





(END OF REPORT)