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

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Peachtree City, GA 30269

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: P1457450

Luminaire Tested: GLAN-SB1D-940-U-T4LG

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:	P1457450
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1D-940-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(26) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7219.4 lumens
Efficiency:	N/A
Efficacy:	90.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
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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Scaled Data Report

REPORT NUMBER: P1457450
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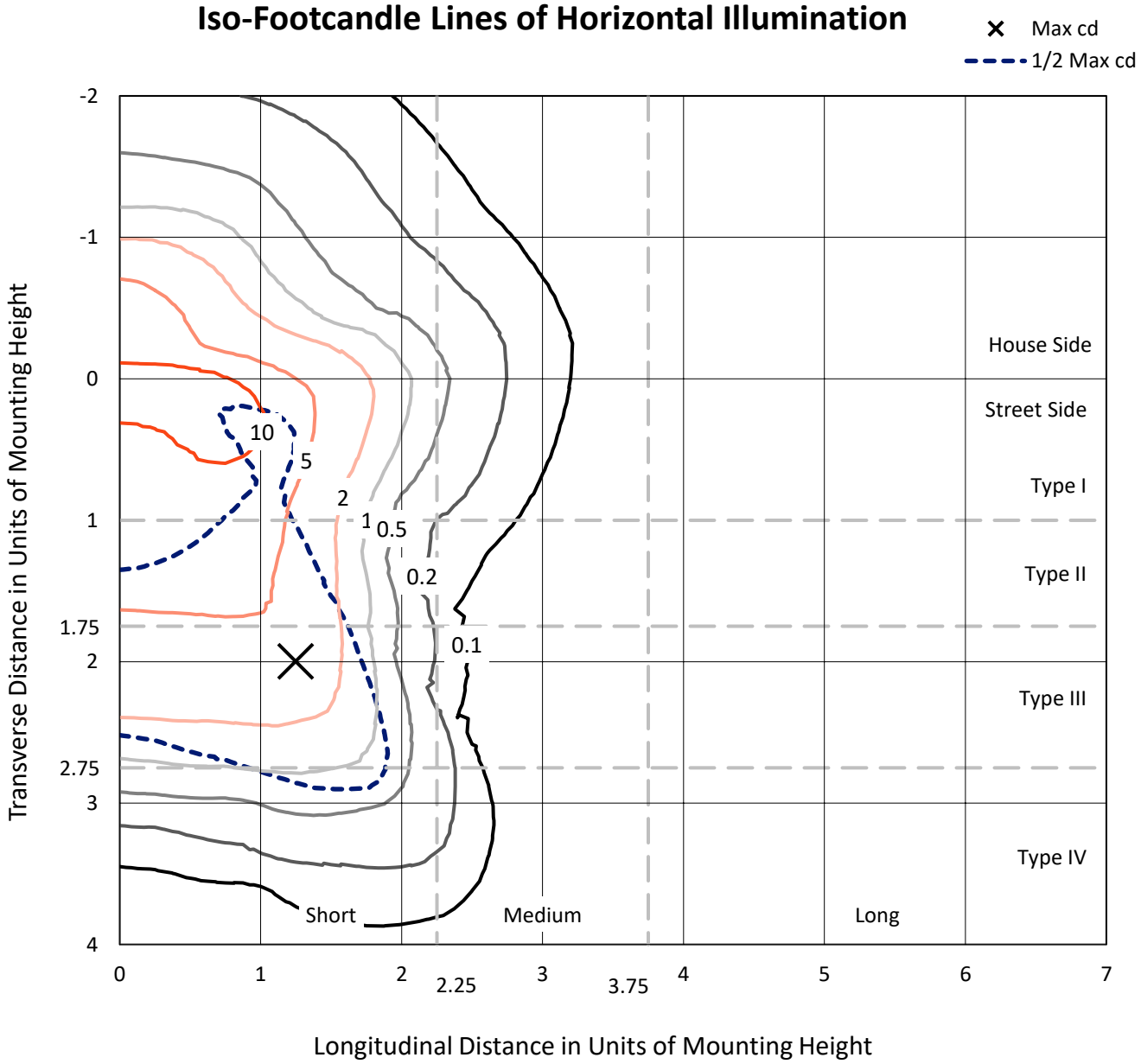
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 17.8 fc
Type IV - Short - N/A

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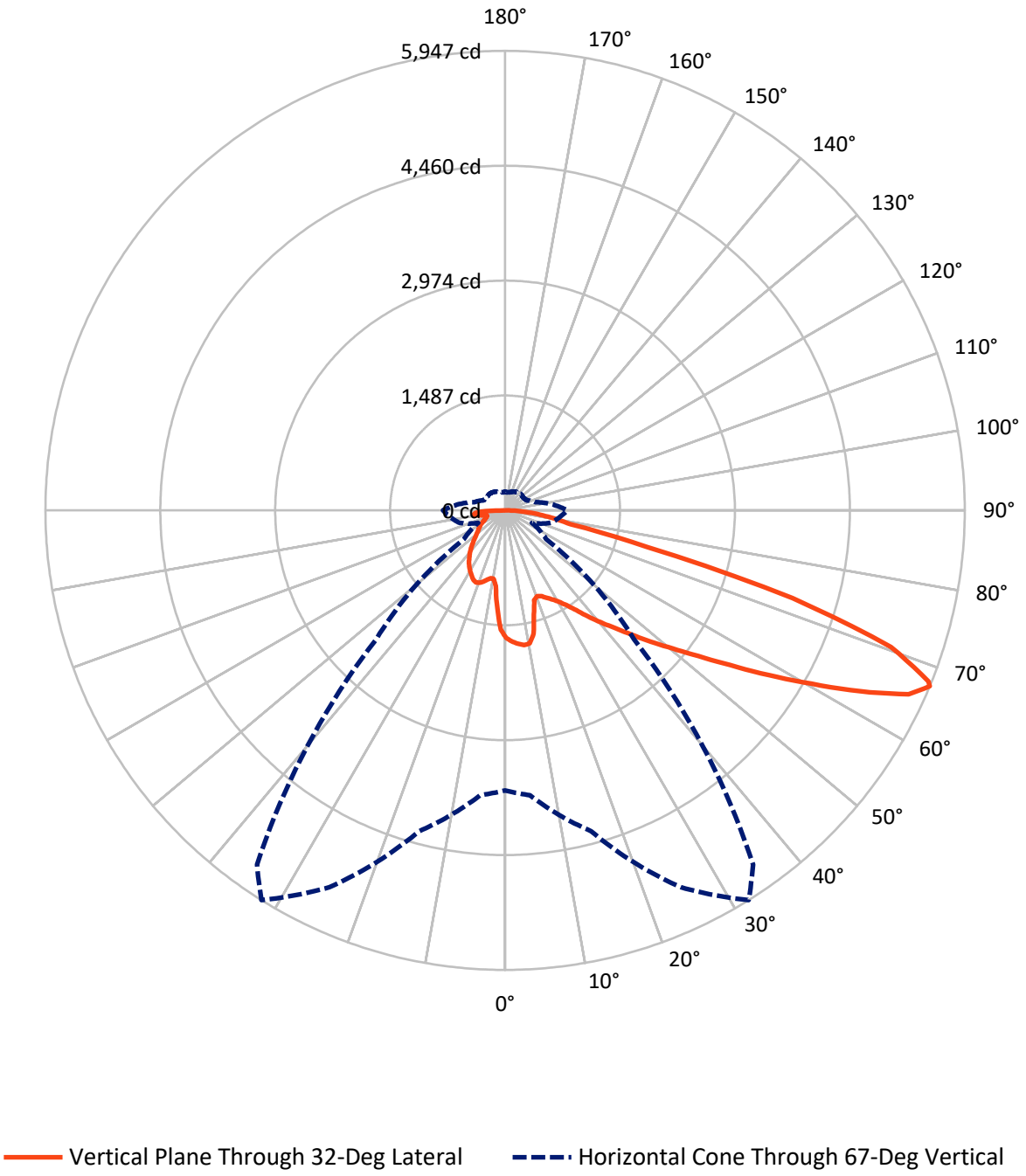
Luminous Intensity Polar Plot



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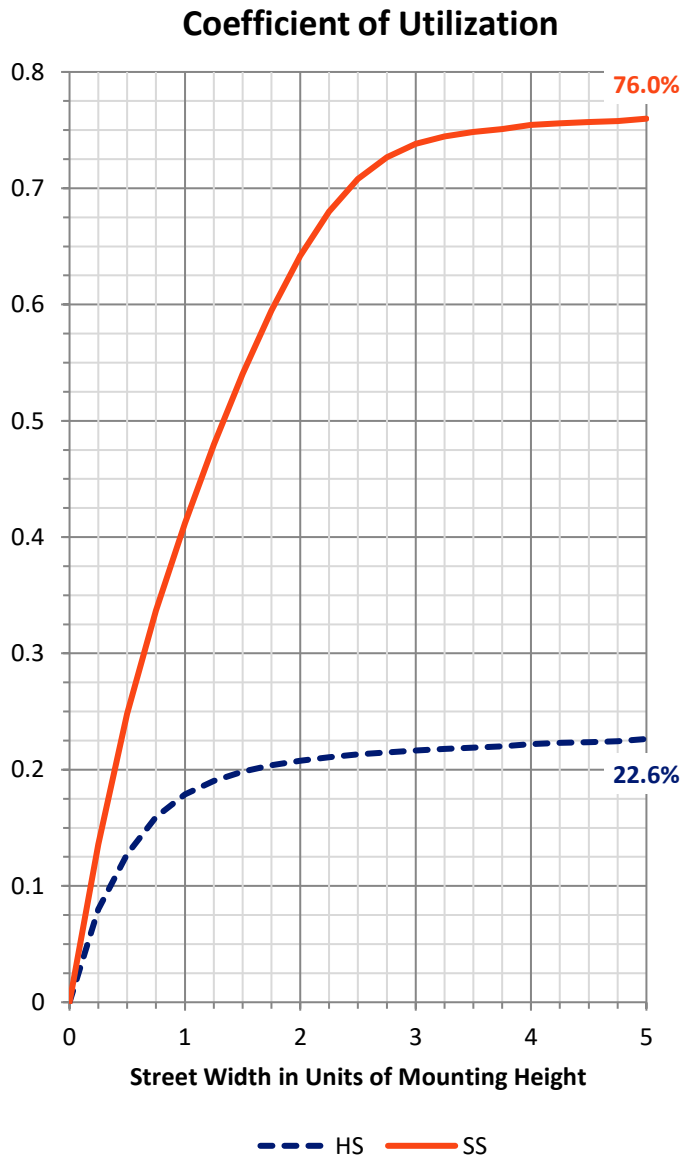
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1709.2	0.0	1709.2
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	5510.3	0.0	5510.3
	% Fixture	76.3	0.0	76.3
Total	Lumens	7219.4	0.0	7219.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.1	2.0
10°-20°	382.7	5.3
20°-30°	624.9	8.7
30°-40°	921.1	12.8
40°-50°	1270.2	17.6
50°-60°	1604.6	22.2
60°-70°	1553.0	21.5
70°-80°	554.3	7.7
80°-90°	164.6	2.3
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°	7219.4	100.0
0°-180°	7219.4	100.0



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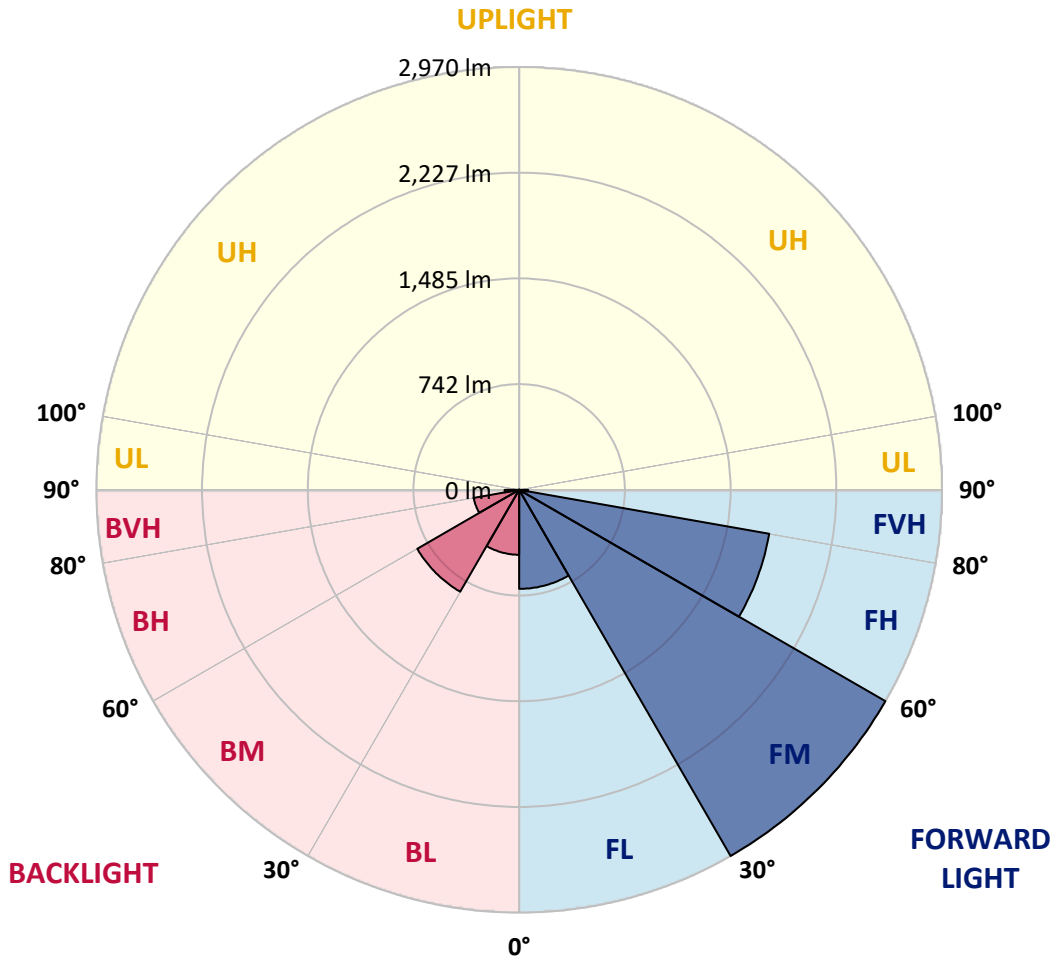
REPORT NUMBER: P1457450
CATALOG NUMBER: GLAN-SB1D-940-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	695.6	9.6			
FM	(30°-60°)	2969.6	41.1			
FH	(60°-80°)	1783.0	24.7			G1/1800
FVH	(80°-90°)	62.0	0.9			G1/100
BL	(0°-30°)	456.1	6.3	B1/500		
BM	(30°-60°)	826.3	11.4	B1/1000		
BH	(60°-80°)	324.2	4.5	B1/500		G1/500
BVH	(80°-90°)	102.6	1.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5
2.5°	1712.0	1707.2	1702.4	1705.6	1699.2	1697.6	1689.6	1686.4	1676.7	1675.1	1657.5
5°	1747.3	1737.7	1736.1	1739.3	1732.9	1732.9	1726.4	1721.6	1707.2	1699.2	1673.5
7.5°	1747.3	1745.7	1748.9	1760.1	1761.7	1761.7	1761.7	1763.3	1748.9	1737.7	1697.6
10°	1647.9	1631.9	1667.1	1723.2	1750.5	1766.5	1795.4	1813.0	1801.8	1793.8	1739.3
12.5°	1351.3	1352.9	1409.0	1529.3	1638.3	1684.8	1805.0	1869.1	1873.9	1861.1	1792.2
15°	1146.2	1154.2	1183.0	1269.6	1394.6	1463.5	1748.9	1918.8	1957.3	1944.4	1856.3
17.5°	1083.6	1088.4	1101.3	1151.0	1221.5	1277.6	1596.6	1950.9	2058.3	2042.2	1928.4
20°	1074.0	1077.2	1093.3	1134.9	1183.0	1215.1	1441.1	1925.2	2152.8	2146.4	1994.1
22.5°	1075.6	1078.8	1099.7	1157.4	1207.1	1234.3	1391.4	1865.9	2252.2	2258.6	2061.5
25°	1078.8	1080.4	1112.5	1189.4	1251.9	1285.6	1423.5	1813.0	2335.6	2390.1	2135.2
27.5°	1096.5	1101.3	1144.5	1231.1	1304.8	1343.3	1498.8	1830.6	2427.0	2539.2	2223.4
30°	1144.5	1147.8	1200.7	1290.4	1370.6	1410.6	1588.6	1901.2	2539.2	2693.1	2309.9
32.5°	1219.9	1223.1	1284.0	1377.0	1463.5	1511.6	1705.6	2035.8	2664.2	2855.0	2396.5
35°	1324.1	1325.7	1394.6	1494.0	1585.4	1639.9	1841.9	2188.1	2794.0	2992.8	2460.6
37.5°	1447.5	1458.7	1529.3	1633.5	1740.9	1790.6	2002.2	2366.0	2909.5	3109.8	2497.5
40°	1617.4	1620.6	1689.6	1790.6	1904.4	1952.5	2162.5	2534.4	3036.1	3178.8	2531.1
42.5°	1792.2	1819.4	1877.1	1989.3	2074.3	2112.8	2345.2	2688.2	3137.1	3182.0	2516.7
45°	2026.2	2047.0	2104.7	2204.1	2289.1	2334.0	2542.4	2829.3	3188.4	3154.7	2484.7
47.5°	2293.9	2306.7	2353.2	2443.0	2537.6	2569.6	2747.6	2909.5	3207.6	3135.5	2470.2
50°	2609.7	2609.7	2643.4	2720.3	2806.9	2851.8	2936.7	2957.5	3263.7	3101.8	2507.1
52.5°	2875.8	2888.6	2933.5	3042.5	3129.1	3180.4	3084.2	3031.3	3149.9	2914.3	2518.3
55°	3130.7	3145.1	3246.1	3382.3	3529.8	3585.9	3268.5	2994.4	2766.8	2640.2	2441.4
57.5°	3374.3	3404.8	3531.4	3797.5	4020.3	4015.5	3502.6	2664.2	2258.6	2337.2	2273.1
60°	3714.2	3746.2	3948.2	4283.2	4555.7	4441.9	3505.8	2217.0	1760.1	1865.9	1957.3
62.5°	3997.9	4052.4	4349.0	4906.8	5156.9	4978.9	3215.6	1697.6	1168.6	1301.6	1513.2
65°	3972.3	4044.4	4504.5	5365.3	5738.8	5573.7	2790.8	1074.0	602.7	889.7	1059.6
67°	3622.8	3701.3	4297.7	5381.3	5947.2	5594.5	2356.4	649.2	383.1	617.2	735.8
67.5°	3422.4	3537.8	4195.1	5350.8	5908.7	5506.3	2160.9	543.4	360.7	573.9	670.1
70°	2104.7	2290.7	3148.3	4730.5	5296.3	4608.6	1200.7	307.8	293.4	384.7	463.3
72.5°	633.2	689.3	1215.1	3034.5	3887.3	3416.0	540.2	237.2	262.9	309.4	357.5
75°	307.8	328.6	501.7	1240.7	1893.2	1883.5	301.4	203.6	243.7	259.7	282.1
77.5°	197.2	210.0	312.6	694.1	867.2	772.6	218.0	177.9	216.4	213.2	210.0
80°	123.4	129.8	200.4	402.4	639.6	533.8	160.3	145.9	185.9	165.1	149.1
82.5°	80.2	88.2	128.2	245.3	456.9	397.5	105.8	104.2	153.9	131.4	115.4
85°	52.9	59.3	81.8	144.3	270.9	283.7	68.9	72.1	118.6	99.4	88.2
87.5°	19.2	24.0	41.7	64.1	126.6	157.1	28.9	27.3	57.7	46.5	36.9
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: P1457450
CATALOG NUMBER: GLAN-SB1D-940-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5	1649.5
2.5°	1654.3	1649.5	1627.1	1607.8	1593.4	1574.2	1553.3	1529.3	1513.2	1516.4	1511.6
5°	1662.3	1649.5	1606.2	1540.5	1476.4	1396.2	1293.6	1232.7	1186.2	1162.2	1168.6
7.5°	1680.0	1657.5	1566.1	1433.1	1266.4	1102.9	1001.9	944.2	916.9	905.7	904.1
10°	1710.4	1671.9	1514.8	1266.4	1048.4	937.8	900.9	884.9	881.7	881.7	880.1
12.5°	1747.3	1686.4	1428.3	1104.5	944.2	904.1	897.7	899.3	904.1	908.9	900.9
15°	1792.2	1692.8	1320.9	1006.7	923.3	913.7	923.3	934.6	942.6	949.0	941.0
17.5°	1837.0	1686.4	1219.9	960.2	926.5	939.4	958.6	976.2	981.0	990.7	984.2
20°	1869.1	1663.9	1133.3	942.6	934.6	963.4	987.5	1006.7	1016.3	1022.7	1016.3
22.5°	1893.2	1635.1	1070.8	924.9	934.6	969.8	998.7	1021.1	1032.3	1038.7	1030.7
25°	1914.0	1595.0	1022.7	899.3	915.3	949.0	981.0	1003.5	1019.5	1029.1	1024.3
27.5°	1939.6	1562.9	977.8	860.8	875.2	907.3	941.0	968.2	998.7	1014.7	1011.5
30°	1968.5	1546.9	934.6	819.1	828.8	860.8	900.9	937.8	979.4	1000.3	1000.3
32.5°	2002.2	1535.7	894.5	779.1	787.1	822.3	860.8	894.5	939.4	973.0	971.4
35°	2016.6	1522.9	862.4	742.2	758.2	787.1	817.5	840.0	886.5	926.5	929.7
37.5°	2031.0	1518.0	846.4	713.3	726.2	748.6	764.6	775.9	819.1	860.8	862.4
40°	2048.6	1540.5	857.6	694.1	682.9	705.3	713.3	719.8	742.2	769.4	769.4
42.5°	2037.4	1556.5	883.3	676.5	630.0	655.6	658.8	657.2	658.8	660.4	658.8
45°	2008.6	1540.5	883.3	649.2	573.9	601.1	599.5	591.5	578.7	545.0	540.2
47.5°	2002.2	1530.9	849.6	604.3	517.8	540.2	543.4	527.4	490.5	455.3	444.0
50°	2029.4	1548.5	796.7	549.8	469.7	488.9	496.9	469.7	428.0	391.1	384.7
52.5°	2069.5	1570.9	719.8	490.5	429.6	448.8	458.5	428.0	384.7	355.9	352.7
55°	2064.7	1570.9	633.2	436.0	399.1	413.6	429.6	397.5	363.9	347.9	346.2
57.5°	1960.5	1511.6	569.1	397.5	370.3	383.1	404.0	373.5	341.4	344.6	349.5
60°	1756.9	1357.7	521.0	371.9	344.6	357.5	379.9	344.6	303.0	291.7	291.7
62.5°	1447.5	1118.9	482.5	346.2	320.6	336.6	347.9	301.4	274.1	261.3	261.3
65°	1085.2	865.6	442.4	325.4	299.8	317.4	304.6	282.1	254.9	245.3	246.9
67°	*804.7*	*671.7*	*408.8*	*307.8*	*286.9*	*295.0*	*285.3*	*269.3*	*242.1*	*234.0*	*242.1*
67.5°	723.0	638.0	400.8	303.0	283.7	290.1	280.5	267.7	238.8	230.8	238.8
70°	496.9	490.5	357.5	280.5	266.1	259.7	264.5	248.5	224.4	221.2	229.2
72.5°	378.3	391.1	320.6	261.3	246.9	238.8	250.1	234.0	210.0	214.8	222.8
75°	296.6	315.8	286.9	234.0	224.4	226.0	248.5	242.1	222.8	227.6	229.2
77.5°	219.6	254.9	245.3	203.6	195.6	218.0	280.5	299.8	266.1	258.1	246.9
80°	160.3	182.7	206.8	168.3	163.5	210.0	346.2	383.1	328.6	296.6	288.5
82.5°	118.6	128.2	169.9	134.7	118.6	187.6	384.7	450.4	391.1	330.2	320.6
85°	85.0	99.4	134.7	99.4	78.5	153.9	376.7	440.8	387.9	312.6	304.6
87.5°	30.5	43.3	57.7	44.9	40.1	105.8	311.0	317.4	242.1	110.6	112.2
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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

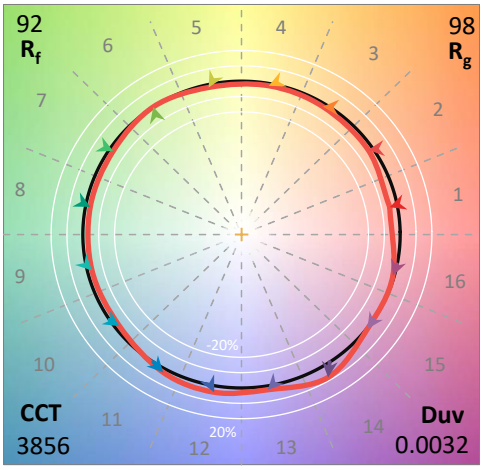
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-16
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-940-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3856
CIE u':	0.2261
CIE v':	0.5084
Duv:	0.0032
CIE x:	0.3896
CIE y:	0.3894
CIE z:	0.2211
Peak Wavelength (nm):	614
Dominant Wavelength (nm):	578
Purity:	33.77304
Rf:	91.8
Rg:	98.4

CRI (Ra):	92.1
R1:	91.8
R2:	94.1
R3:	95.3
R4:	92.8
R5:	91.0
R6:	91.6
R7:	95.0
R8:	85.2
R9:	60.7
R10:	85.2
R11:	92.4
R12:	74.5
R13:	92.3
R14:	97.0
R15:	88.5



Test Conditions

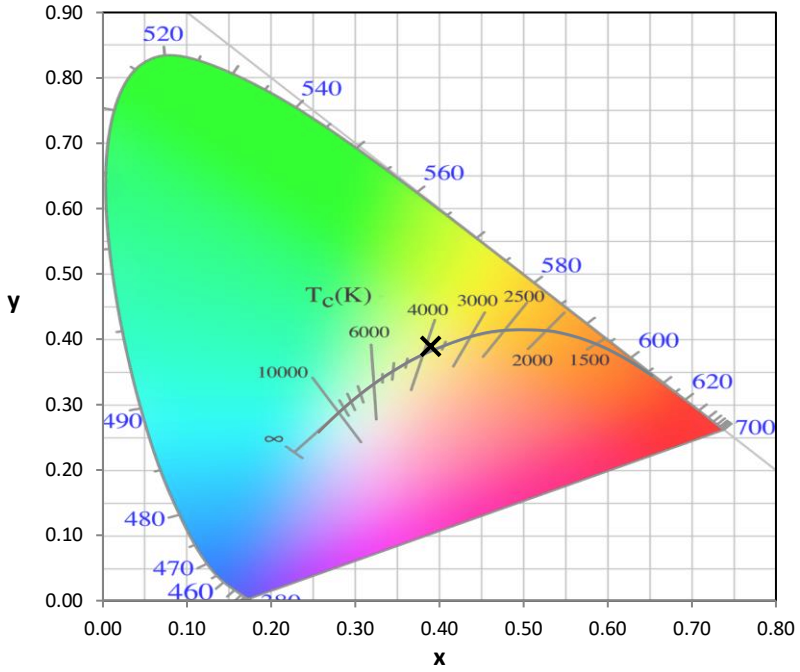
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

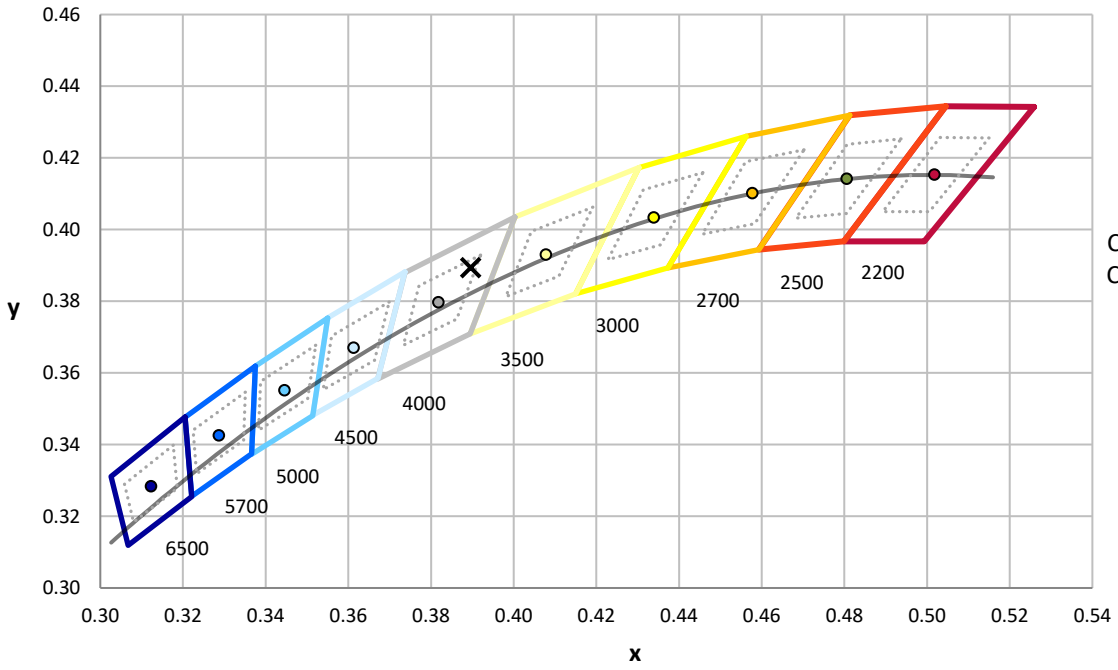
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



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

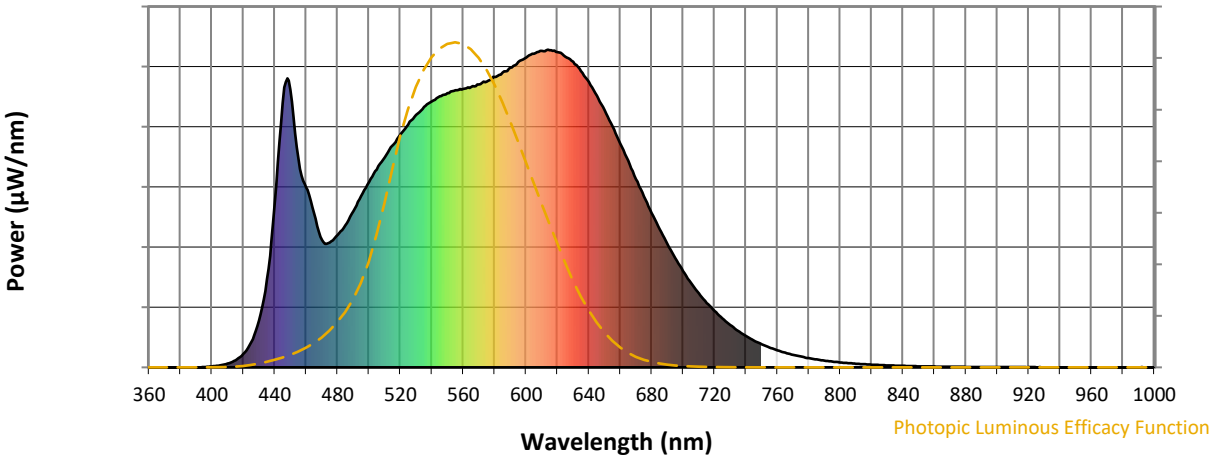


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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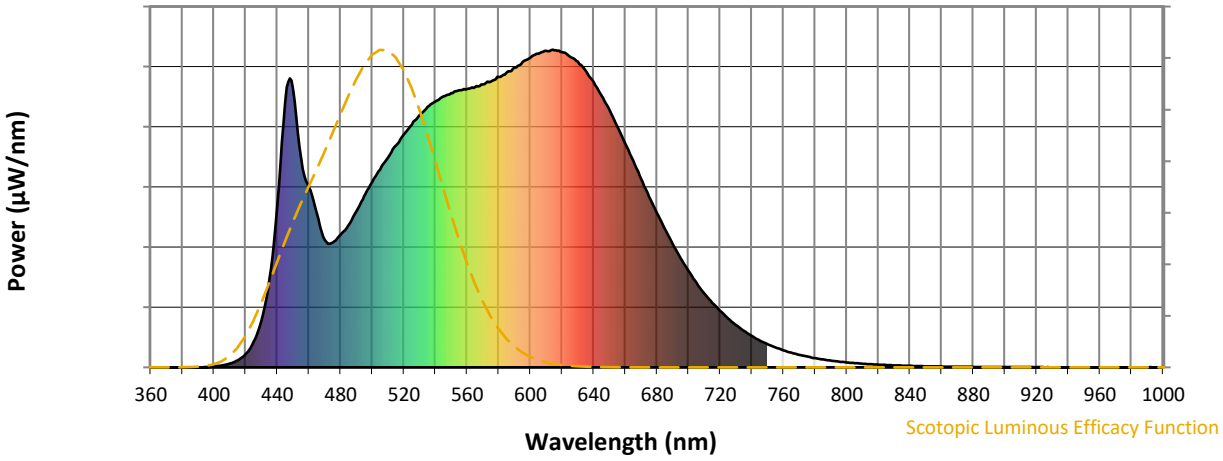
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.72**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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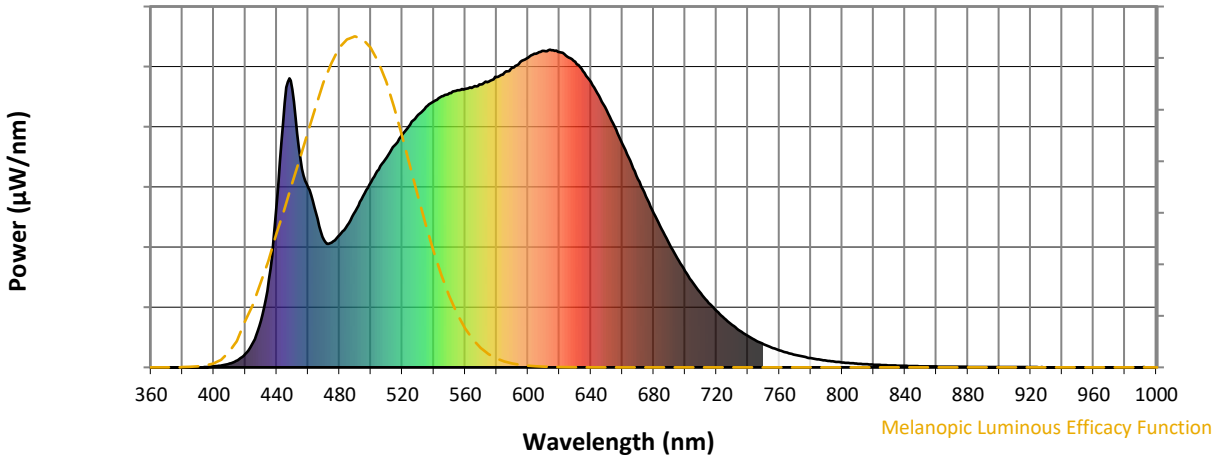
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.52**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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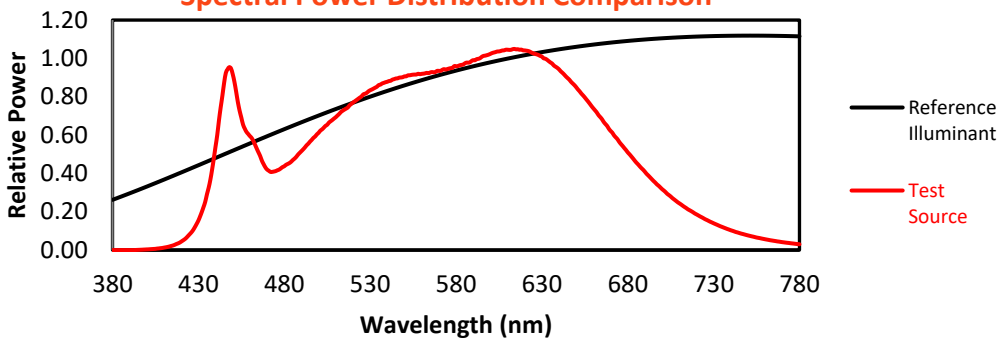
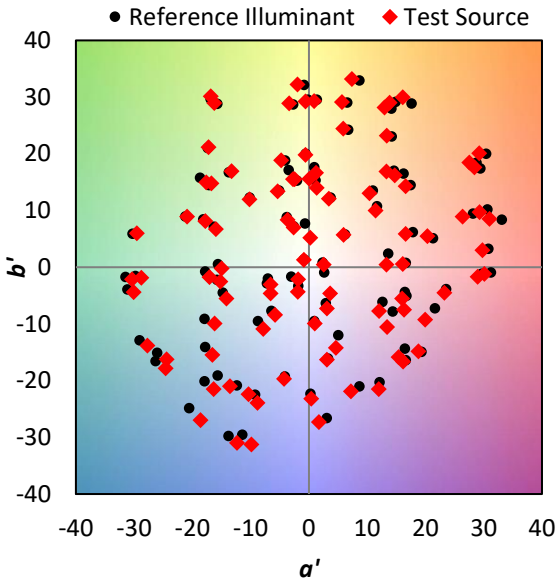
Summary

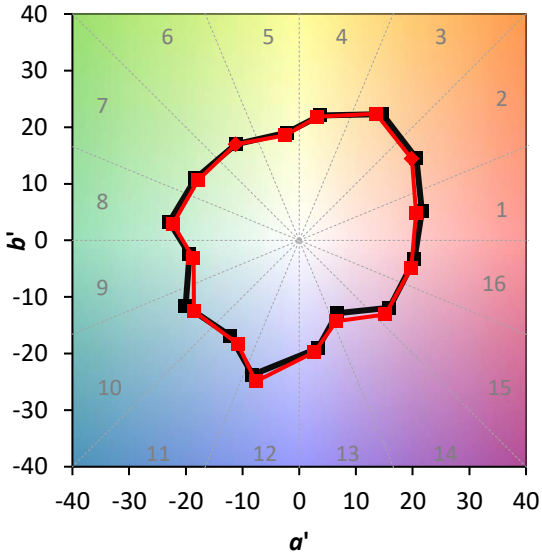
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

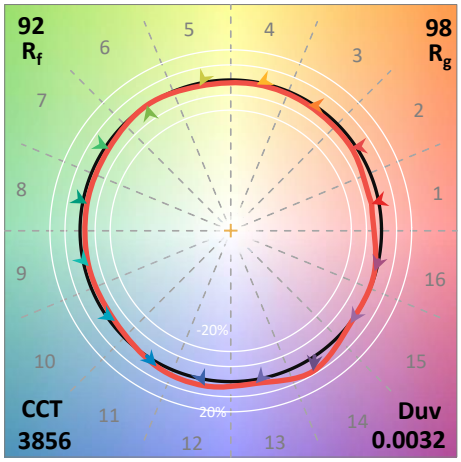
Spectral Power Distribution Comparison

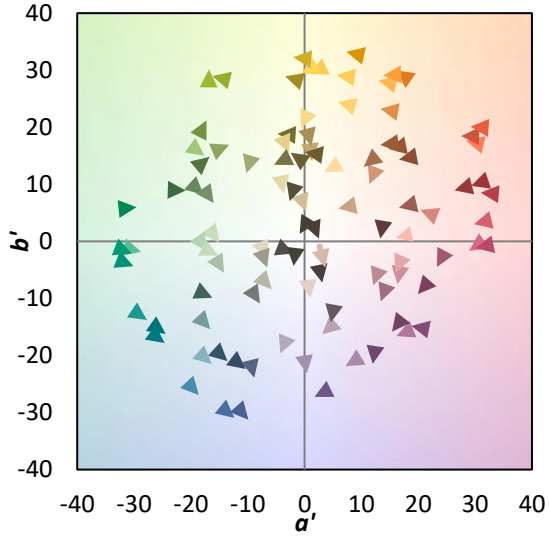


Color Vector Graphics









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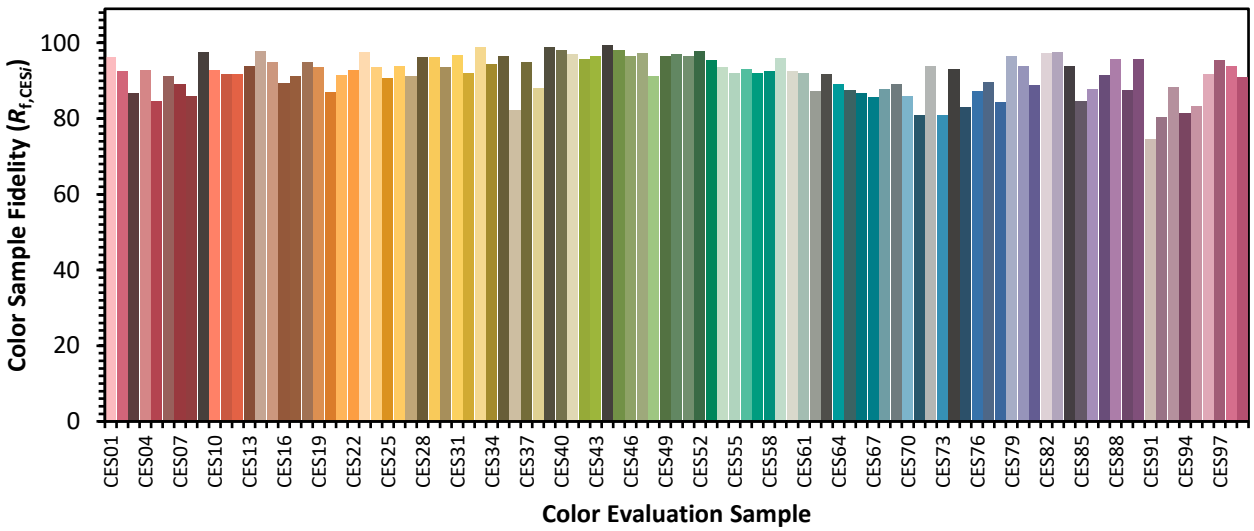
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



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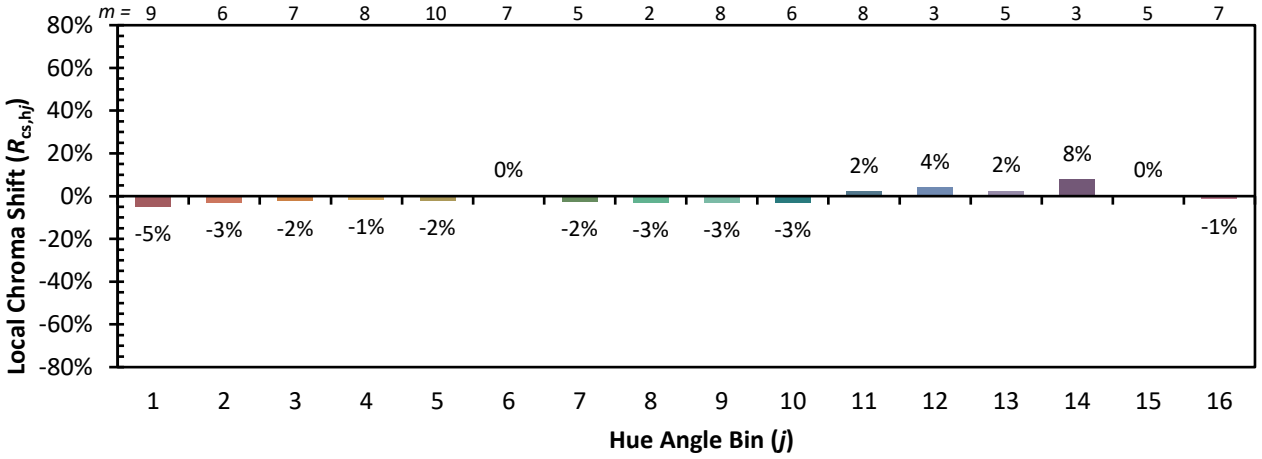
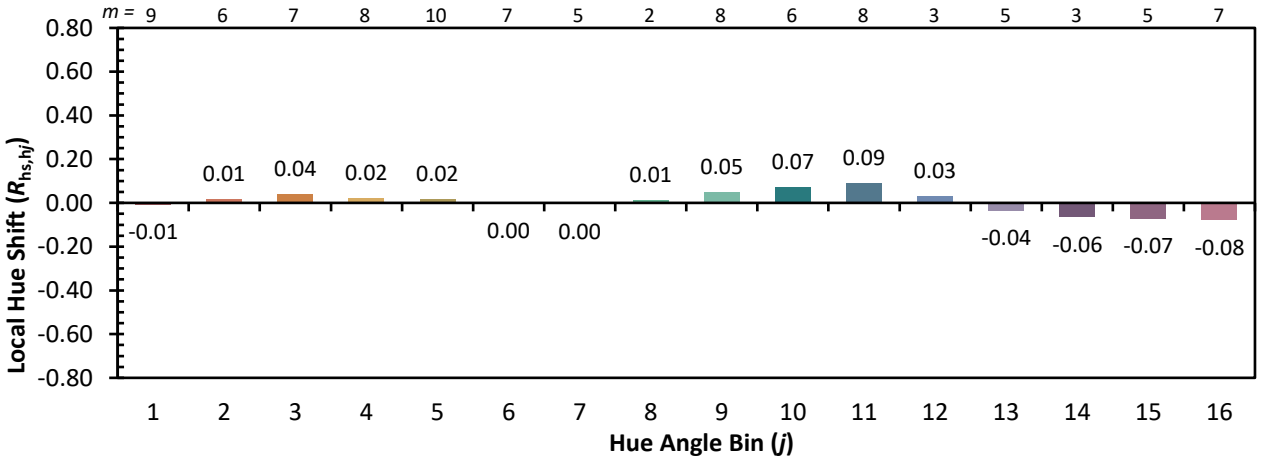
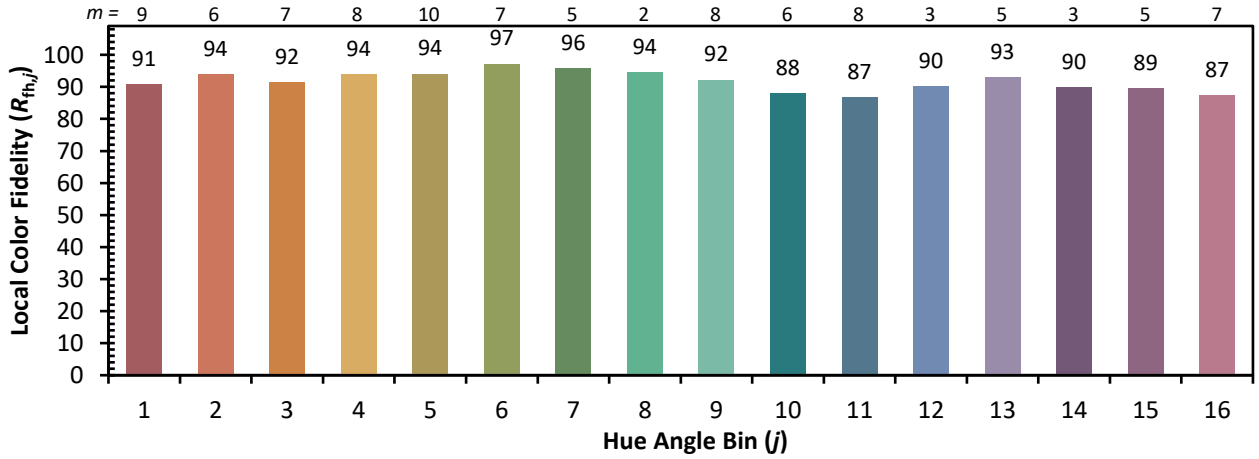
Color Rendition by Hue-Angle Bin







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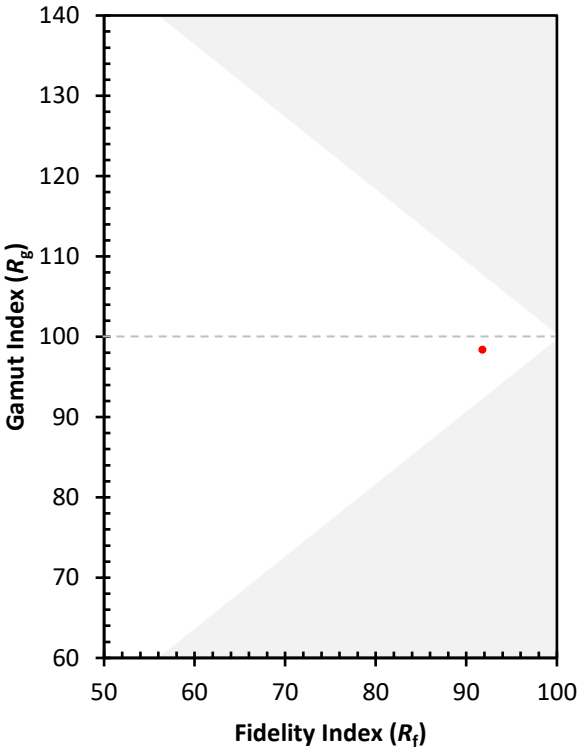
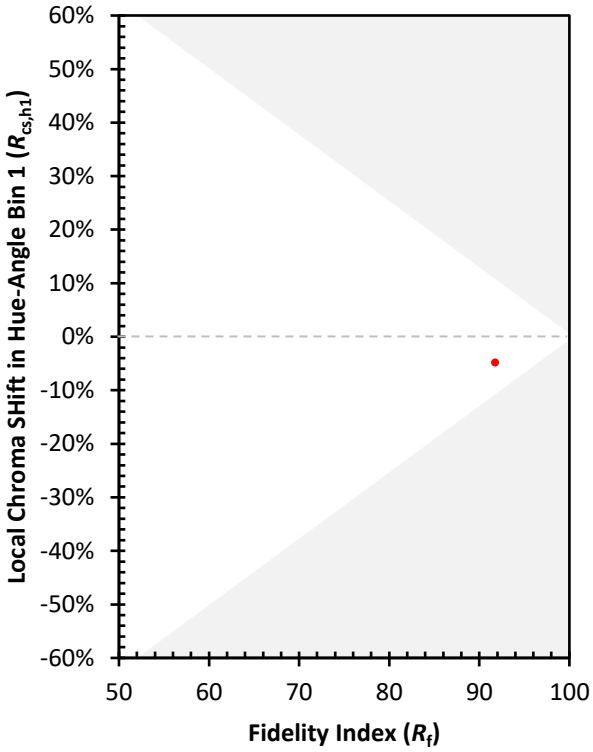
Measure Comparisons





(END OF REPORT)