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: P1456627

Luminaire Tested: GLAN-SB3A-830-U-T3LG

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:	P1456627
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-830-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11791.7 lumens
Efficiency:	N/A
Efficacy:	139.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	84.7
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: P1456627
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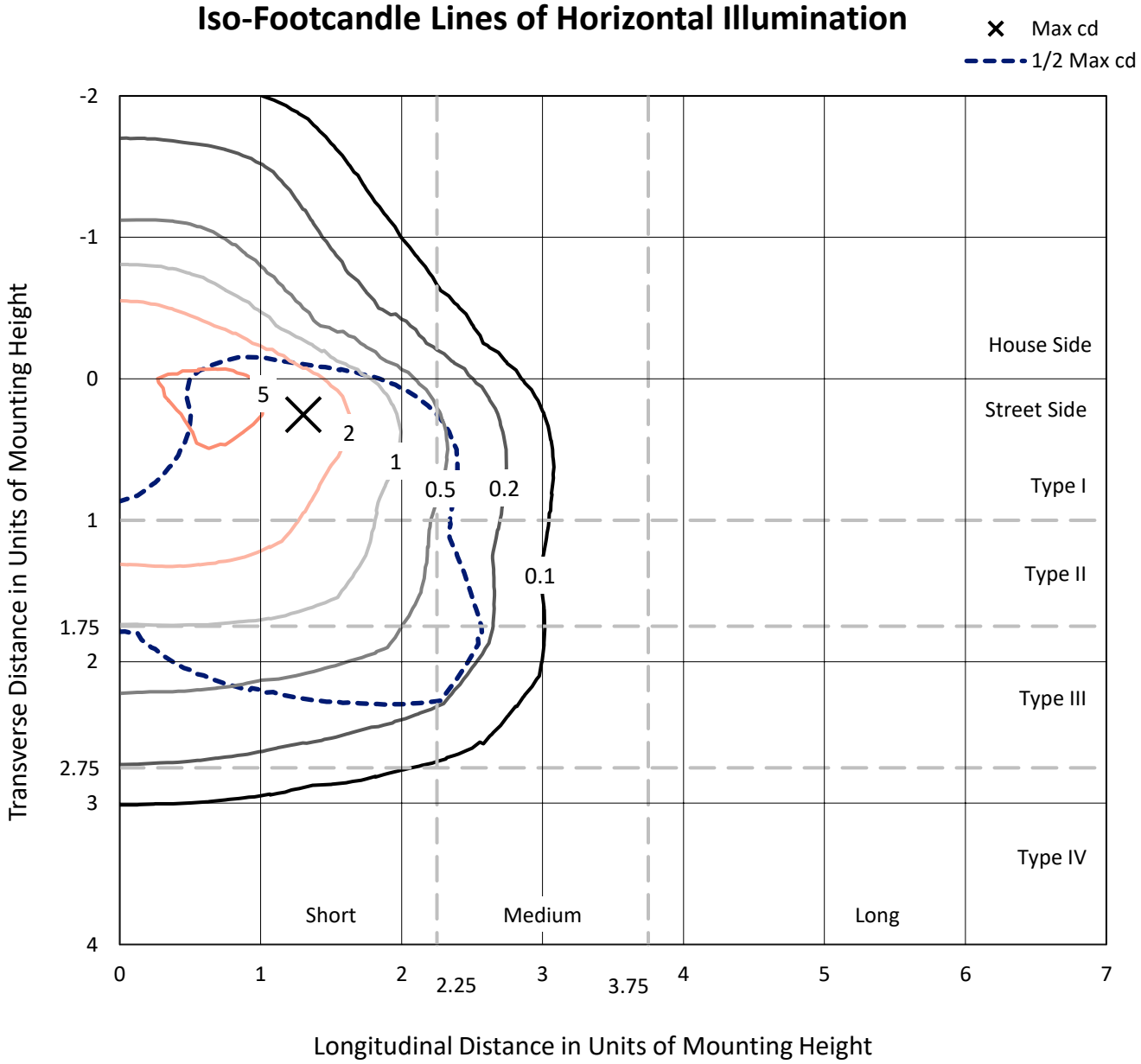
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 6.7 fc
Type III - Short - N/A

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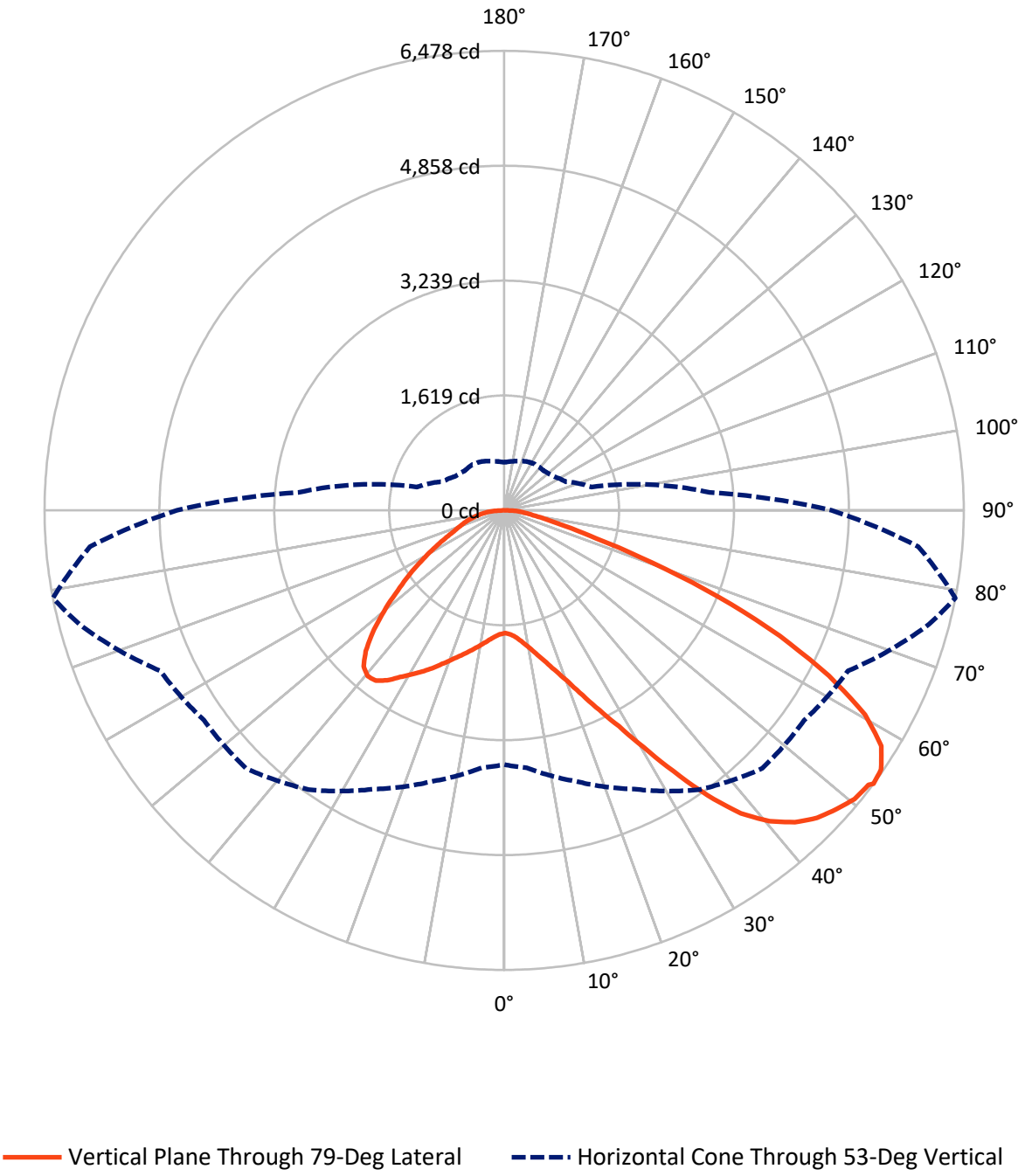
Luminous Intensity Polar Plot



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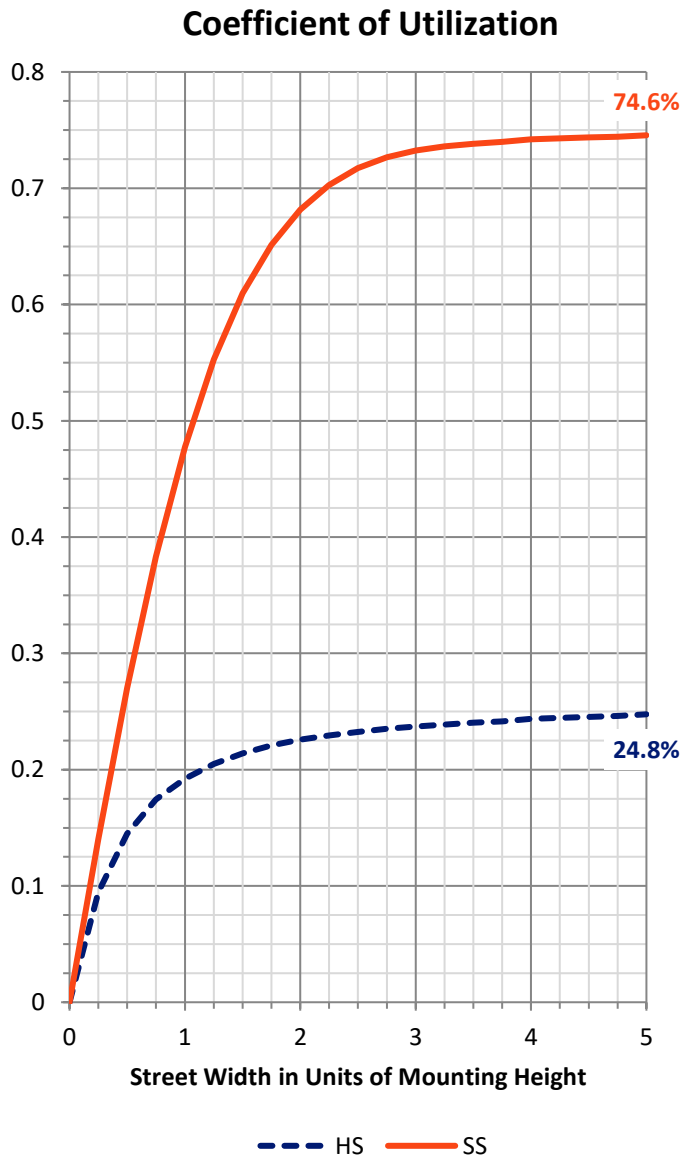
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2972.6	0.0	2972.6
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	8819.1	0.0	8819.1
	% Fixture	74.8	0.0	74.8
Total	Lumens	11791.7	0.0	11791.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.9	1.4
10°-20°	510.8	4.3
20°-30°	976.5	8.3
30°-40°	1676.6	14.2
40°-50°	2348.5	19.9
50°-60°	2665.2	22.6
60°-70°	2337.2	19.8
70°-80°	913.9	7.8
80°-90°	198.0	1.7
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°	11791.7	100.0
0°-180°	11791.7	100.0



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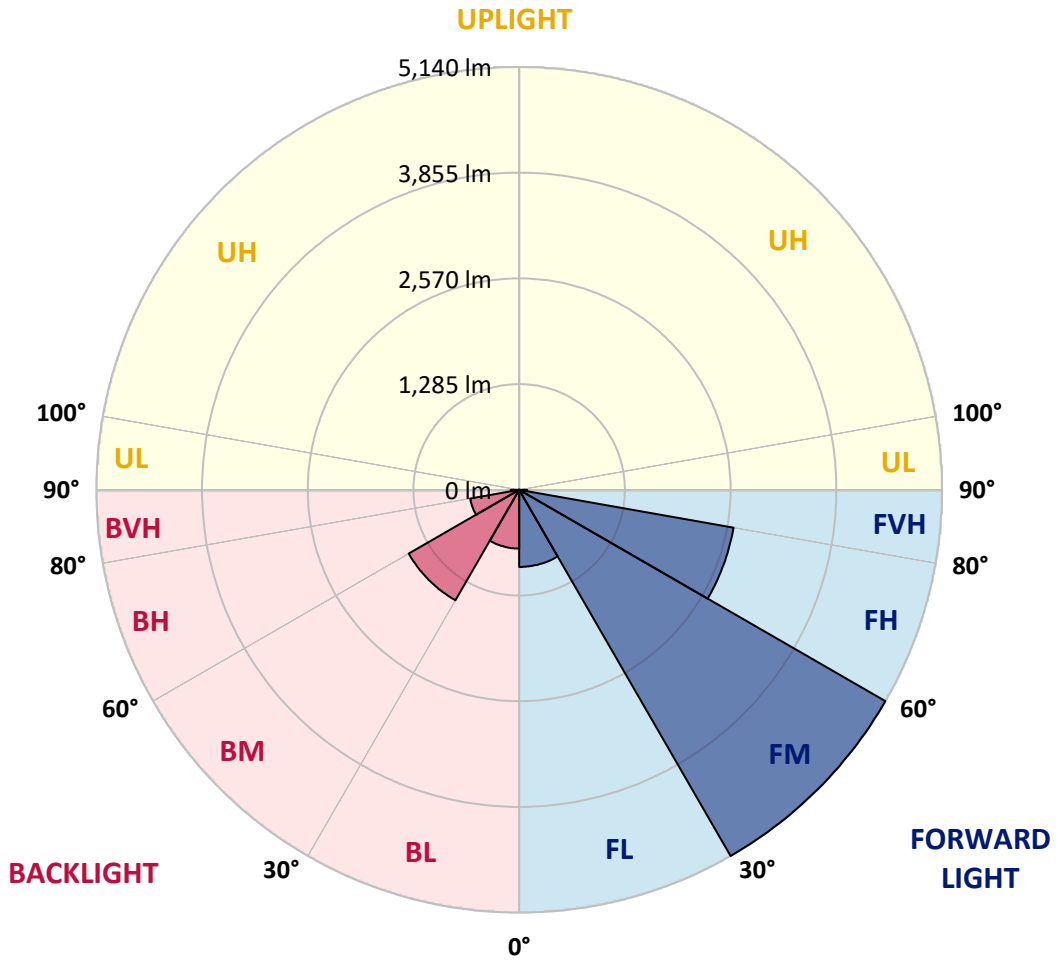
REPORT NUMBER: P1456627
CATALOG NUMBER: GLAN-SB3A-830-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	937.3	7.9			
FM	(30°-60°)	5139.6	43.6			
FH	(60°-80°)	2646.1	22.4			G2/5000
FVH	(80°-90°)	96.0	0.8			G1/100
BL	(0°-30°)	714.9	6.1	B2/1000		
BM	(30°-60°)	1550.7	13.2	B2/2500		
BH	(60°-80°)	605.0	5.1	B2/1000		G2/1000
BVH	(80°-90°)	102.0	0.9			G2/225
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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REPORT NUMBER: P1456627
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1731.0	1731.0	1731.0	1731.0	1731.0	1731.0	1731.0	1731.0	1731.0	*1731.0*	1731.0
2.5°	1733.7	1733.7	1723.2	1733.7	1728.4	1736.3	1741.6	1741.6	1752.1	*1749.4*	1749.4
5°	1704.8	1699.5	1696.9	1715.3	1725.8	1746.8	1770.4	1781.0	1799.3	*1799.3*	1802.0
7.5°	1628.6	1626.0	1639.1	1675.9	1710.0	1762.6	1812.5	1841.4	1870.3	*1875.5*	1875.5
10°	1581.3	1578.7	1594.5	1639.1	1694.3	1770.4	1849.3	1909.7	1956.9	*1970.1*	1970.1
12.5°	1581.3	1581.3	1594.5	1639.1	1696.9	1788.8	1896.5	1999.0	2072.5	*2088.3*	2083.0
15°	1626.0	1623.3	1639.1	1686.4	1741.6	1828.2	1959.6	2096.2	2196.0	*2224.9*	2227.5
17.5°	1673.3	1670.6	1694.3	1754.7	1820.4	1907.0	2041.0	2209.1	2351.0	*2387.7*	2395.6
20°	1746.8	1744.2	1773.1	1830.9	1912.3	2012.1	2151.3	2343.1	2540.1	*2579.5*	2590.0
22.5°	1830.9	1833.5	1865.0	1935.9	2017.4	2148.7	2319.4	2532.2	2768.6	*2829.0*	2839.5
25°	2006.9	1999.0	2025.2	2075.2	2161.8	2319.4	2529.6	2760.7	3041.8	*3115.4*	3128.5
27.5°	2240.6	2227.5	2256.4	2306.3	2369.4	2516.5	2758.1	3015.5	3354.4	*3446.3*	3449.0
30°	2450.8	2442.9	2482.3	2584.7	2650.4	2763.4	3020.8	3315.0	3740.5	*3874.5*	3879.7
32.5°	2632.0	2629.4	2703.0	2834.3	2984.0	3104.9	3354.4	3693.2	4229.1	*4384.1*	4349.9
35°	2805.4	2813.3	2905.2	3041.8	3241.4	3483.1	3735.3	4121.4	4744.0	*4930.5*	4875.3
37.5°	2981.4	2986.6	3107.5	3283.5	3493.6	3808.8	4147.7	4586.4	5190.5	*5421.7*	5300.8
40°	3144.3	3160.0	3322.9	3512.0	3785.2	4105.7	4483.9	4909.4	5534.6	*5763.1*	5631.8
42.5°	3307.1	3330.8	3506.7	3766.8	4058.4	4392.0	4717.7	5106.5	5755.3	*6010.1*	5807.8
45°	3475.2	3491.0	3709.0	3979.6	4310.5	4617.9	4851.7	5232.5	5907.6	*6183.4*	5907.6
47.5°	3588.2	3619.7	3858.7	4171.3	4502.3	4791.2	4959.4	5285.1	6004.8	*6296.4*	5944.4
50°	3632.8	3677.5	3934.9	4281.6	4659.9	4954.1	5043.4	5314.0	6112.5	*6396.2*	5936.5
52.5°	3625.0	3667.0	3948.0	4331.6	4786.0	5103.8	5124.8	5345.5	6188.7	*6430.4*	5868.2
53°	*3582.9*	*3640.7*	*3955.9*	*4334.2*	*4804.4*	*5143.2*	*5161.6*	*5348.1*	*6199.2*	*6477.6*	*5857.7*
55°	3438.5	3470.0	3874.5	4331.6	4891.1	5290.3	5264.1	5426.9	6228.1	*6446.1*	5742.1
57.5°	3307.1	3338.6	3690.6	4281.6	4962.0	5497.8	5429.5	5413.8	6070.5	*6267.5*	5450.6
60°	3223.1	3233.6	3530.4	4124.0	4933.1	5642.3	5537.2	5258.8	5681.7	*5844.6*	4938.3
62.5°	3152.1	3149.5	3412.2	3898.1	4822.8	5663.3	5558.3	4875.3	5111.7	*5138.0*	4255.4
65°	2991.9	2973.5	3228.3	3643.3	4594.2	5568.8	5300.8	4294.8	4355.2	*4268.5*	3417.4
67.5°	2674.1	2634.7	2860.6	3254.6	4129.3	5300.8	4809.6	3619.7	3433.2	*3259.8*	2574.2
70°	1914.9	1914.9	2096.2	2490.2	3315.0	4581.1	4129.3	2739.7	2364.1	*2209.1*	1720.5
72.5°	937.8	961.4	1150.5	1471.0	2222.3	3325.5	3162.6	1775.7	1434.2	*1358.0*	1103.2
75°	399.3	401.9	491.2	651.4	1126.9	1967.5	1980.6	1024.4	919.4	*882.6*	730.2
77.5°	278.4	283.7	323.1	383.5	535.9	903.6	1029.7	619.9	617.3	*591.0*	520.1
80°	212.8	218.0	244.3	286.3	359.9	462.3	533.2	420.3	441.3	*415.0*	375.6
82.5°	160.2	165.5	183.9	215.4	257.4	310.0	299.5	310.0	325.7	*310.0*	270.6
85°	107.7	110.3	123.5	149.7	165.5	186.5	186.5	225.9	236.4	*231.2*	212.8
87.5°	55.2	55.2	65.7	78.8	84.1	86.7	76.2	99.8	113.0	*123.5*	99.8
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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Scaled Data Report

REPORT NUMBER: P1456627
CATALOG NUMBER: GLAN-SB3A-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1731.0	1731.0	1731.0	1731.0	1731.0	1731.0	1731.0	1731.0	1731.0	1731.0	1731.0
2.5°	1749.4	1752.1	1744.2	1741.6	1738.9	1725.8	1725.8	1712.7	1710.0	1712.7	1704.8
5°	1807.2	1802.0	1781.0	1765.2	1746.8	1710.0	1689.0	1660.1	1652.2	1644.4	1636.5
7.5°	1878.1	1870.3	1833.5	1791.5	1741.6	1670.6	1631.2	1583.9	1568.2	1555.1	1549.8
10°	1967.5	1951.7	1893.9	1804.6	1712.7	1626.0	1570.8	1513.0	1486.8	1481.5	1468.4
12.5°	2083.0	2054.1	1946.4	1807.2	1686.4	1573.4	1513.0	1468.4	1457.9	1455.2	1442.1
15°	2211.7	2169.7	1996.4	1809.8	1652.2	1528.8	1492.0	1468.4	1468.4	1465.7	1457.9
17.5°	2369.4	2301.1	2043.6	1799.3	1610.2	1515.7	1497.3	1476.2	1471.0	1473.6	1463.1
20°	2558.5	2445.5	2093.5	1786.2	1591.8	1518.3	1497.3	1468.4	1455.2	1452.6	1444.7
22.5°	2776.5	2611.0	2148.7	1765.2	1591.8	1515.7	1481.5	1442.1	1415.8	1405.3	1394.8
25°	3026.0	2802.8	2206.5	1757.3	1597.1	1505.1	1450.0	1386.9	1344.9	1329.1	1321.3
27.5°	3328.1	3005.0	2248.5	1765.2	1594.5	1481.5	1394.8	1313.4	1266.1	1239.8	1234.6
30°	3661.7	3223.1	2277.4	1778.3	1578.7	1436.8	1329.1	1237.2	1171.5	1140.0	1132.1
32.5°	4055.7	3467.3	2306.3	1778.3	1539.3	1373.8	1253.0	1153.2	1084.9	1048.1	1042.8
35°	4491.8	3766.8	2332.6	1775.7	1492.0	1305.5	1176.8	1074.4	1003.4	966.7	964.0
37.5°	4862.2	3992.7	2345.7	1749.4	1426.3	1226.7	1105.9	1003.4	929.9	890.5	887.9
40°	5090.7	4087.3	2319.4	1696.9	1347.5	1145.3	1027.1	932.5	859.0	811.7	801.2
42.5°	5177.4	4042.6	2235.4	1610.2	1253.0	1063.8	961.4	861.6	764.4	725.0	717.1
45°	5148.5	3869.2	2056.8	1486.8	1147.9	990.3	903.6	790.7	727.6	693.5	690.8
47.5°	5051.3	3601.3	1833.5	1331.8	1037.6	924.6	827.4	772.3	714.5	677.7	675.1
50°	4880.6	3315.0	1565.6	1155.8	937.8	856.3	809.0	764.4	717.1	688.2	683.0
52.5°	4662.5	2991.9	1318.6	985.0	851.1	795.9	790.7	759.1	722.4	690.8	677.7
53°	*4612.6*	*2907.8*	*1271.4*	*956.1*	*837.9*	*788.0*	*785.4*	*759.1*	*717.1*	*688.2*	*677.7*
55°	4373.6	2647.8	1121.6	853.7	772.3	761.8	785.4	756.5	704.0	680.3	672.5
57.5°	3990.1	2306.3	977.2	759.1	704.0	730.2	777.5	746.0	688.2	646.2	633.1
60°	3527.8	1914.9	866.8	696.1	654.1	690.8	746.0	709.2	630.4	609.4	606.8
62.5°	2976.1	1549.8	782.8	643.6	612.0	648.8	698.7	635.7	577.9	562.1	556.9
65°	2324.7	1232.0	717.1	604.2	570.0	598.9	633.1	593.7	556.9	543.7	541.1
67.5°	1728.4	966.7	664.6	570.0	528.0	546.4	585.8	575.3	543.7	535.9	533.2
70°	1192.6	785.4	617.3	538.5	475.4	496.5	556.9	564.8	533.2	528.0	525.4
72.5°	835.3	664.6	567.4	504.3	433.4	454.4	543.7	543.7	509.6	517.5	512.2
75°	627.8	559.5	509.6	462.3	380.9	412.4	525.4	520.1	486.0	520.1	507.0
77.5°	472.8	451.8	441.3	409.8	333.6	365.1	488.6	478.1	433.4	436.0	412.4
80°	344.1	349.4	378.3	349.4	278.4	302.1	412.4	407.2	352.0	362.5	333.6
82.5°	246.9	260.1	323.1	281.1	202.3	215.4	283.7	307.3	275.8	260.1	265.3
85°	186.5	194.4	260.1	207.5	126.1	141.8	194.4	220.6	215.4	199.6	202.3
87.5°	78.8	89.3	120.8	97.2	73.5	73.5	120.8	155.0	139.2	118.2	123.5
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

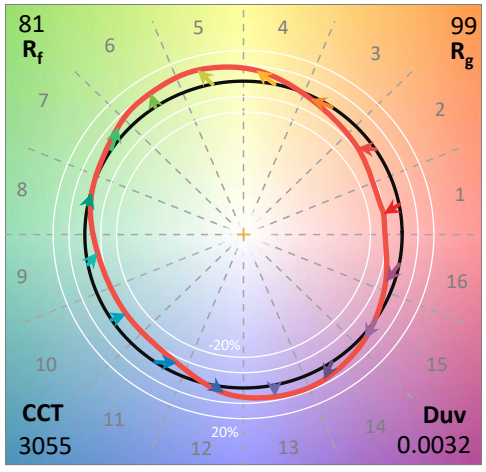
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

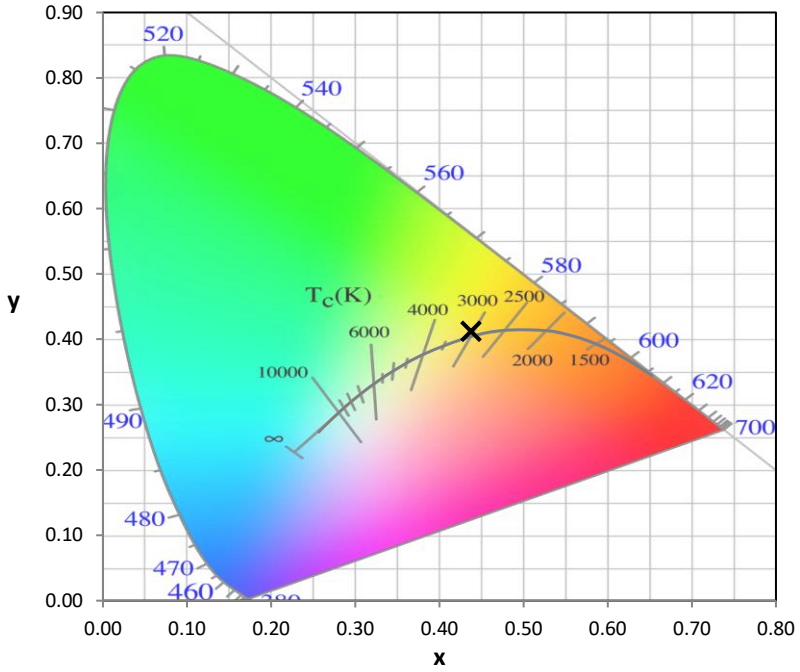
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

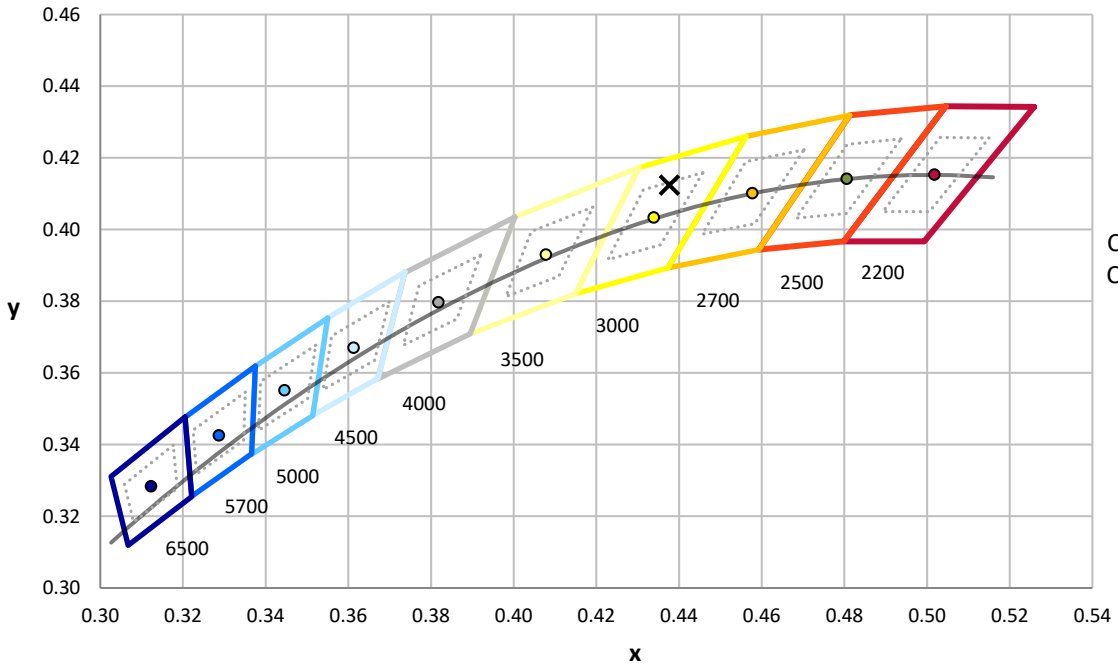
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

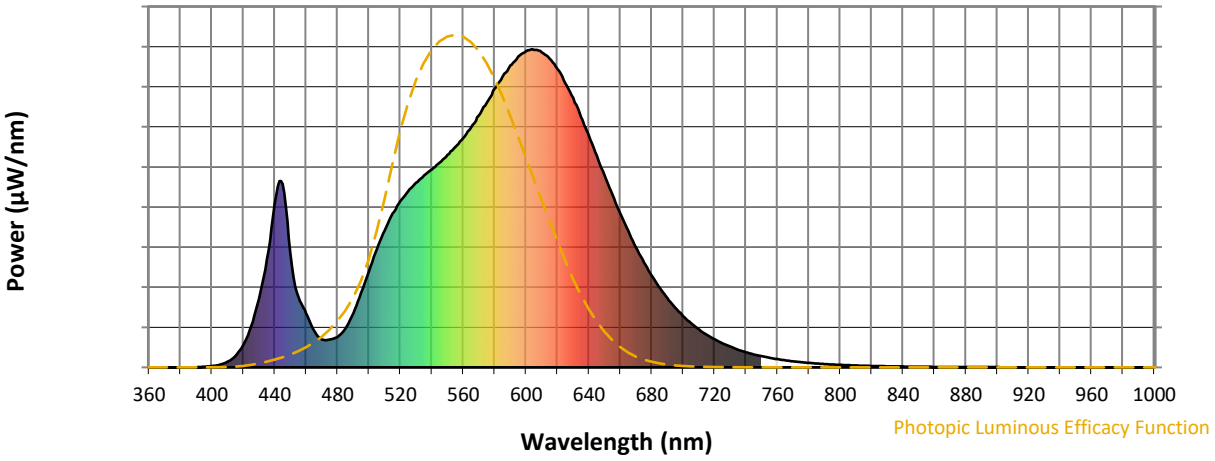


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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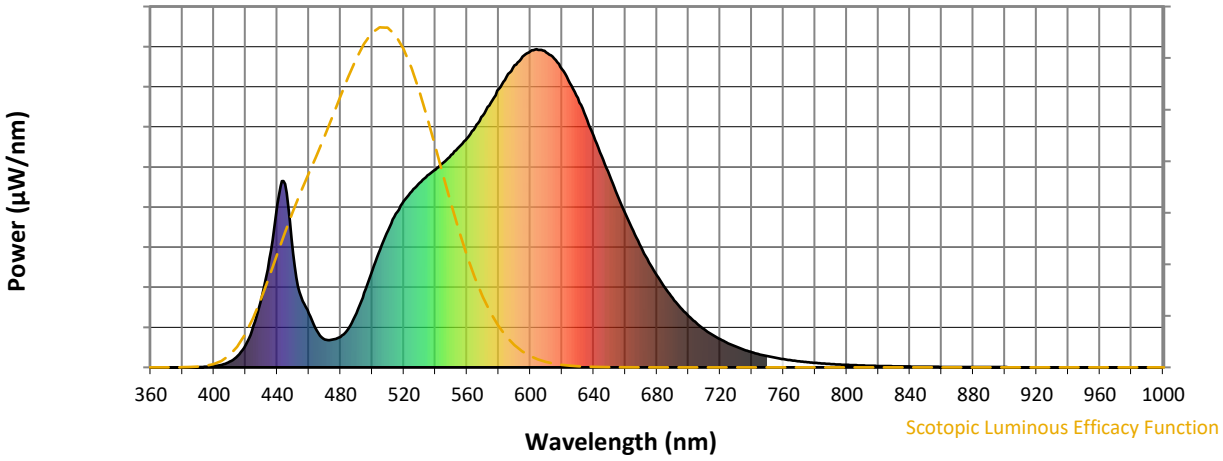
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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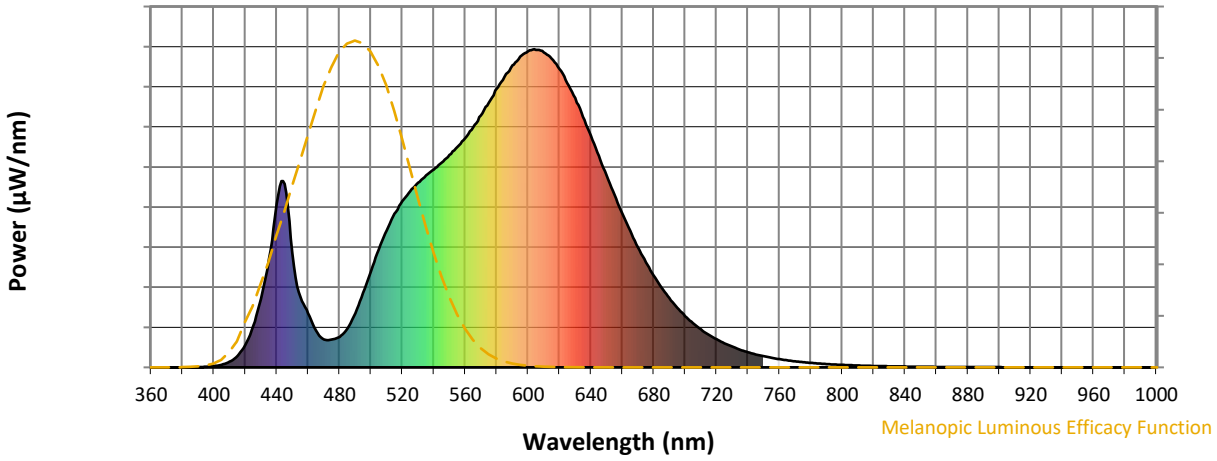
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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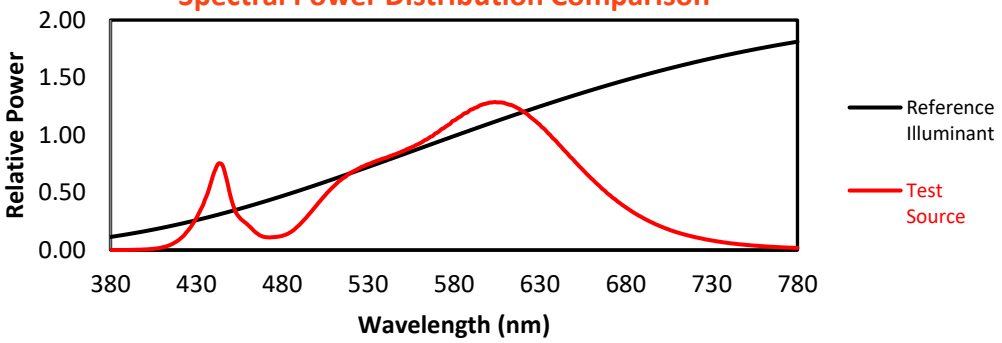
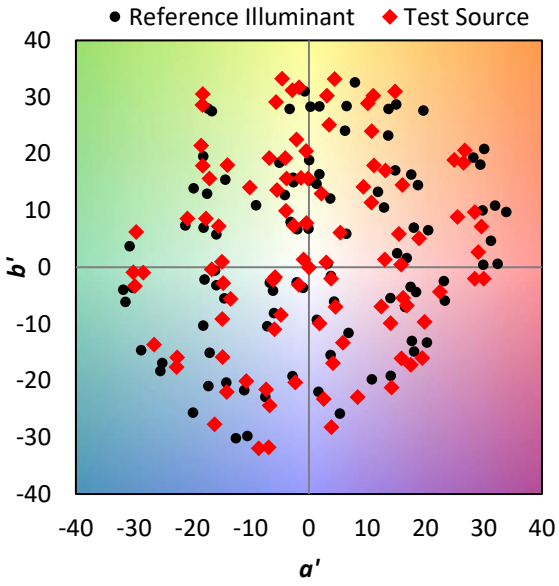
Summary

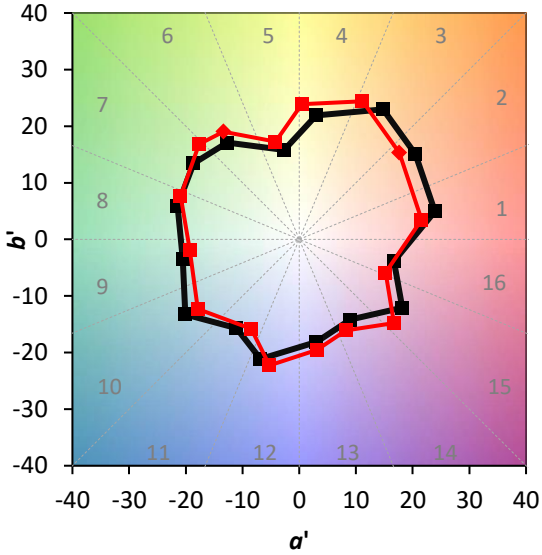
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

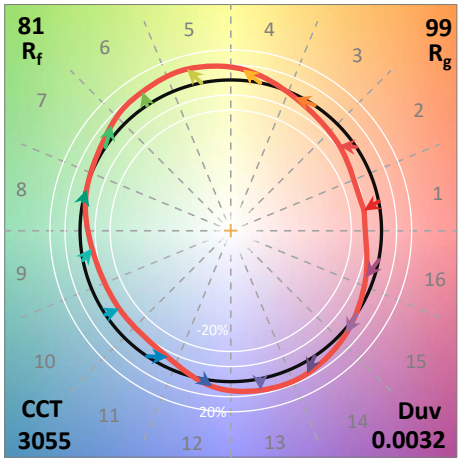
Spectral Power Distribution Comparison

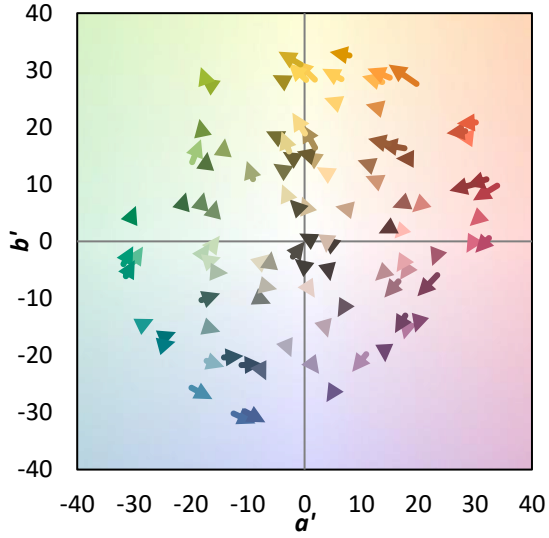


Color Vector Graphics









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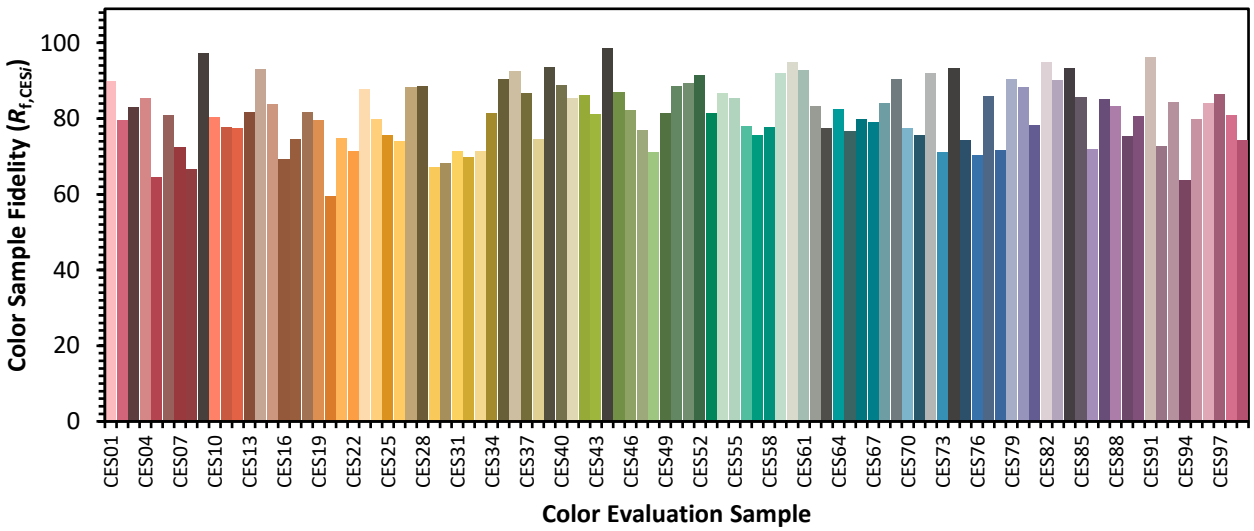
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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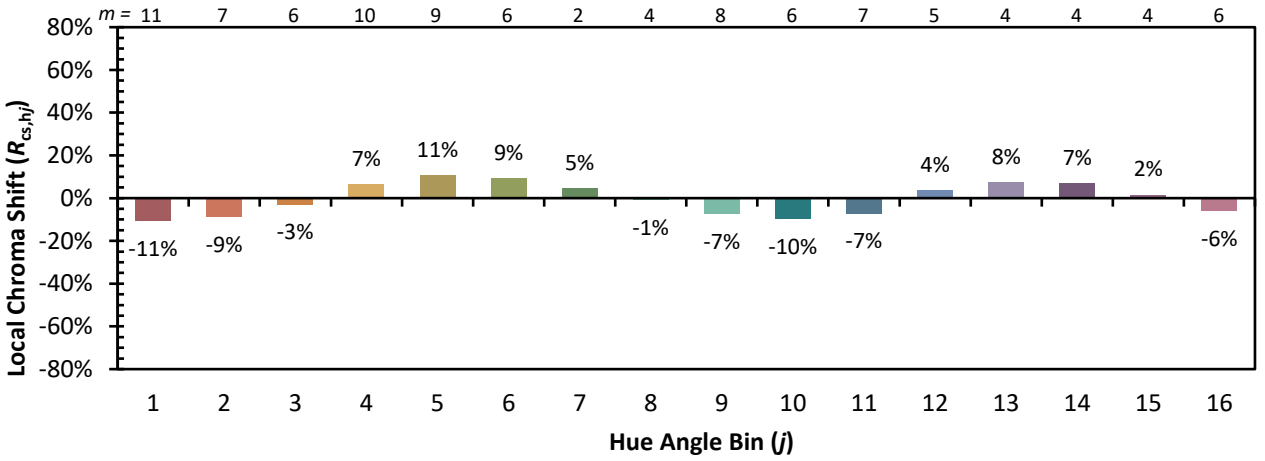
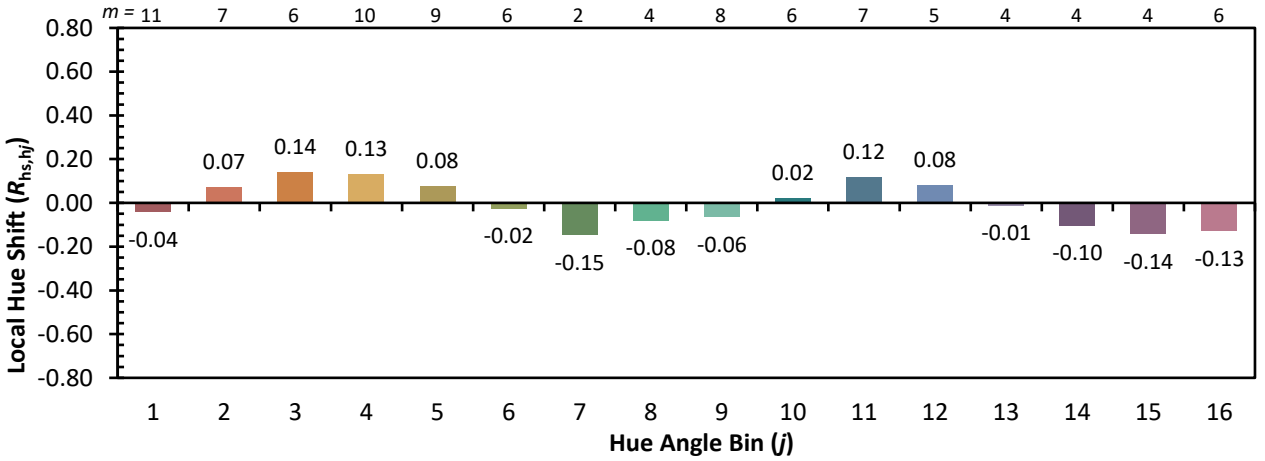
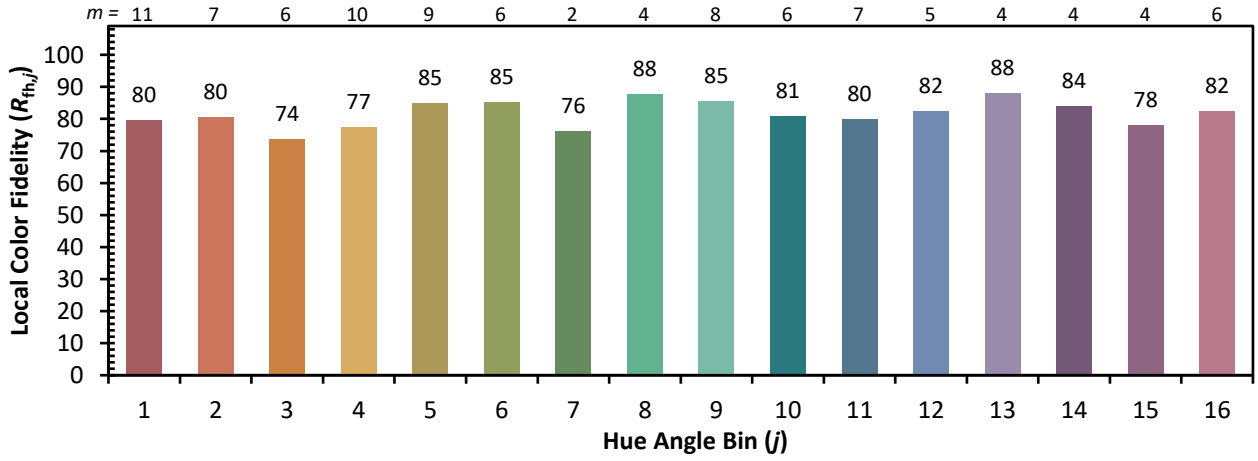
Color Rendition by Hue-Angle Bin







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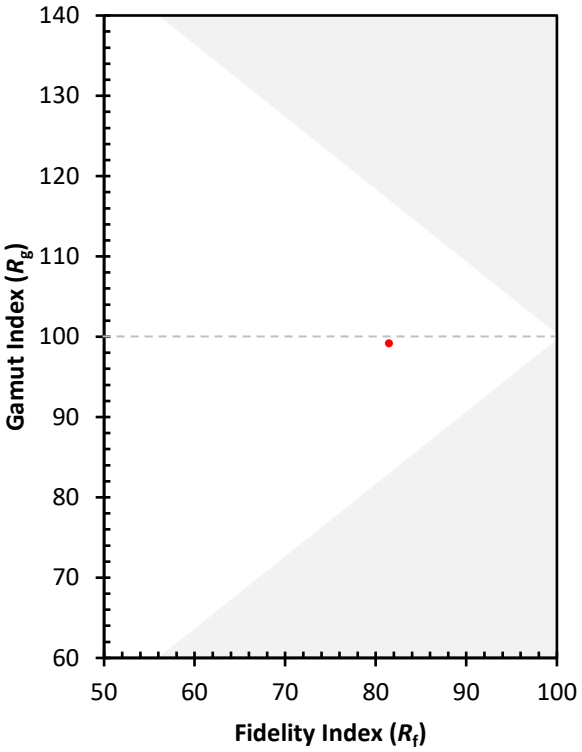
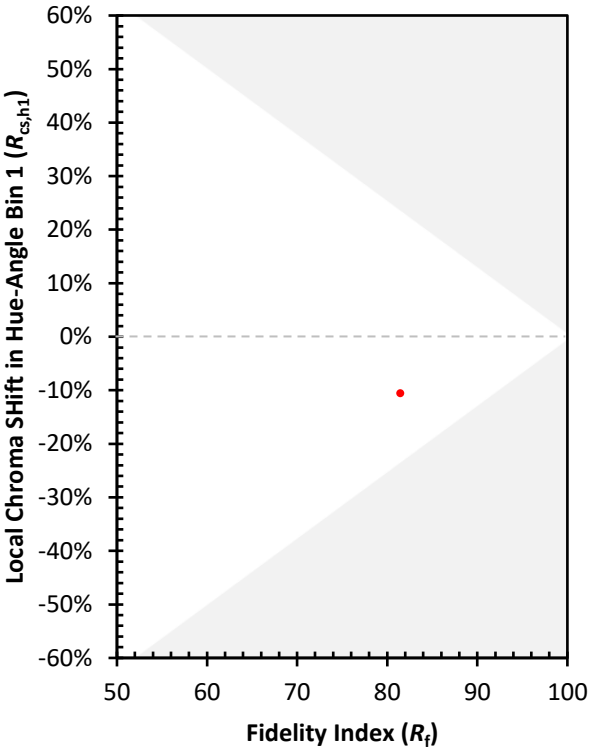
Measure Comparisons





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