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: P1456120

Luminaire Tested: GLAN-SB2B-840-U-T2LG

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:	P1456120
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB2B-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 2xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10419.3 lumens
Efficiency:	N/A
Efficacy:	141.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	73.9
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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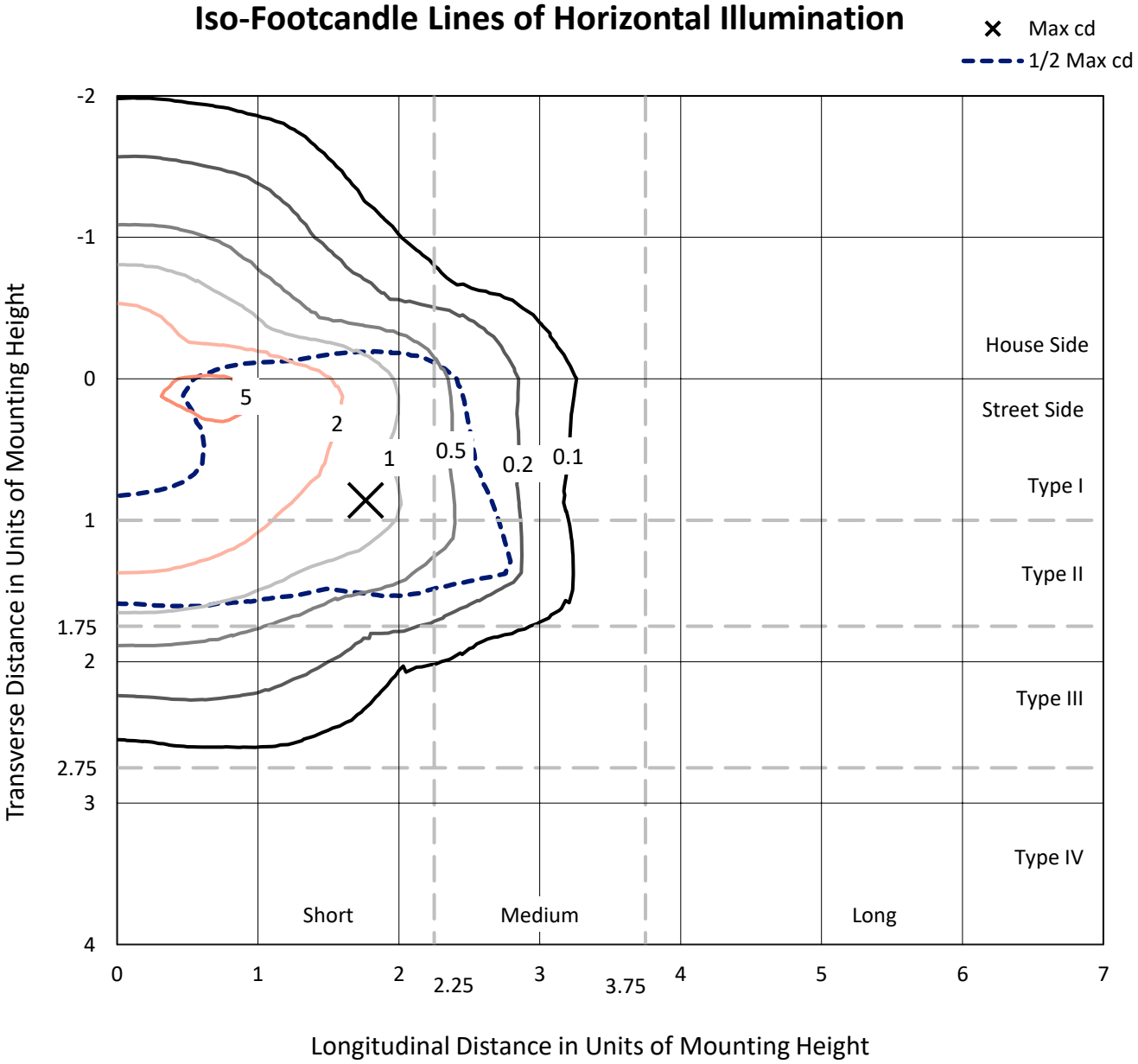
Scaled Data Report

REPORT NUMBER: P1456120
CATALOG NUMBER: GLAN-SB2B-840-U-T2LG

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 6.1 fc
Type II - Short - N/A

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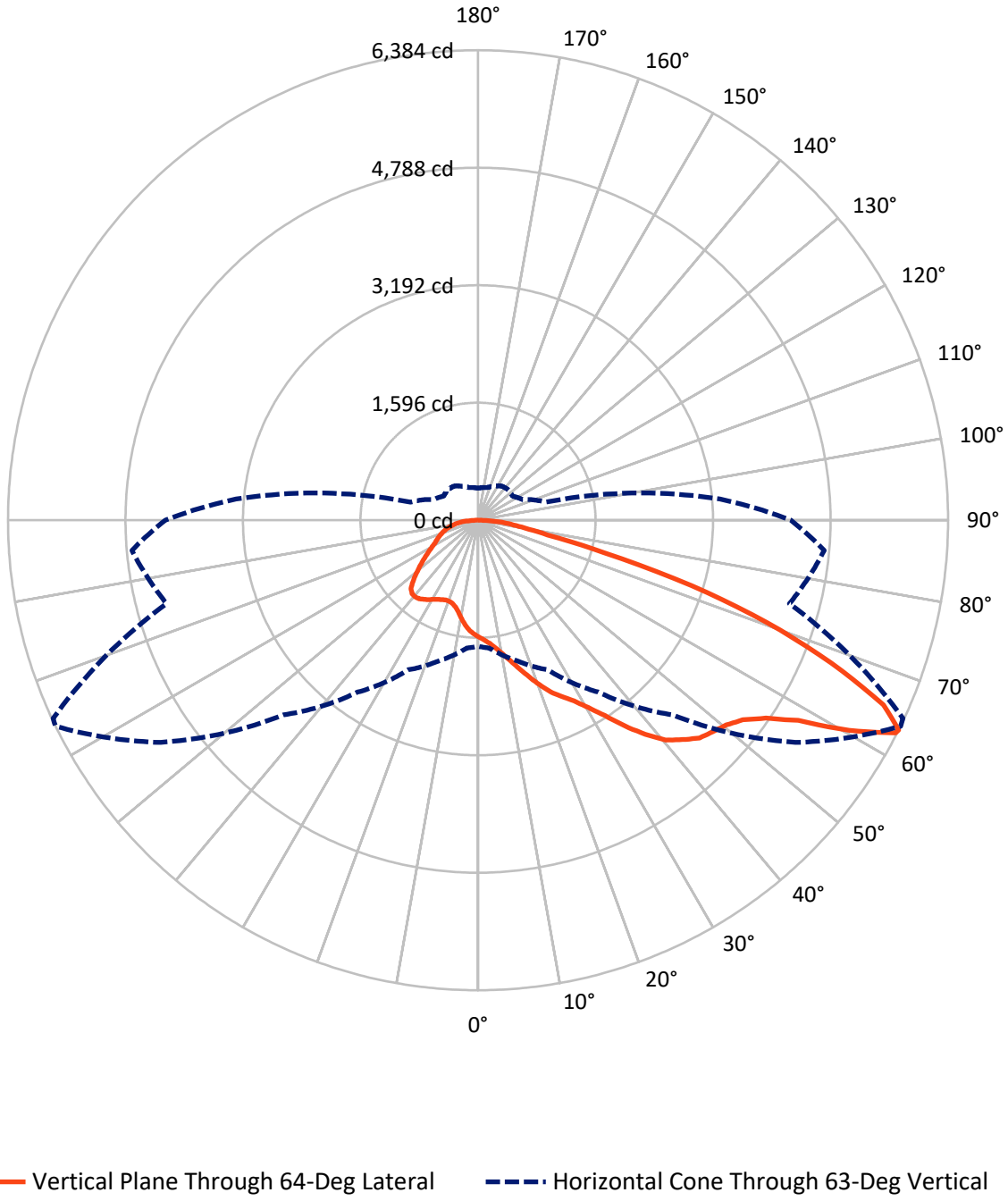
Luminous Intensity Polar Plot



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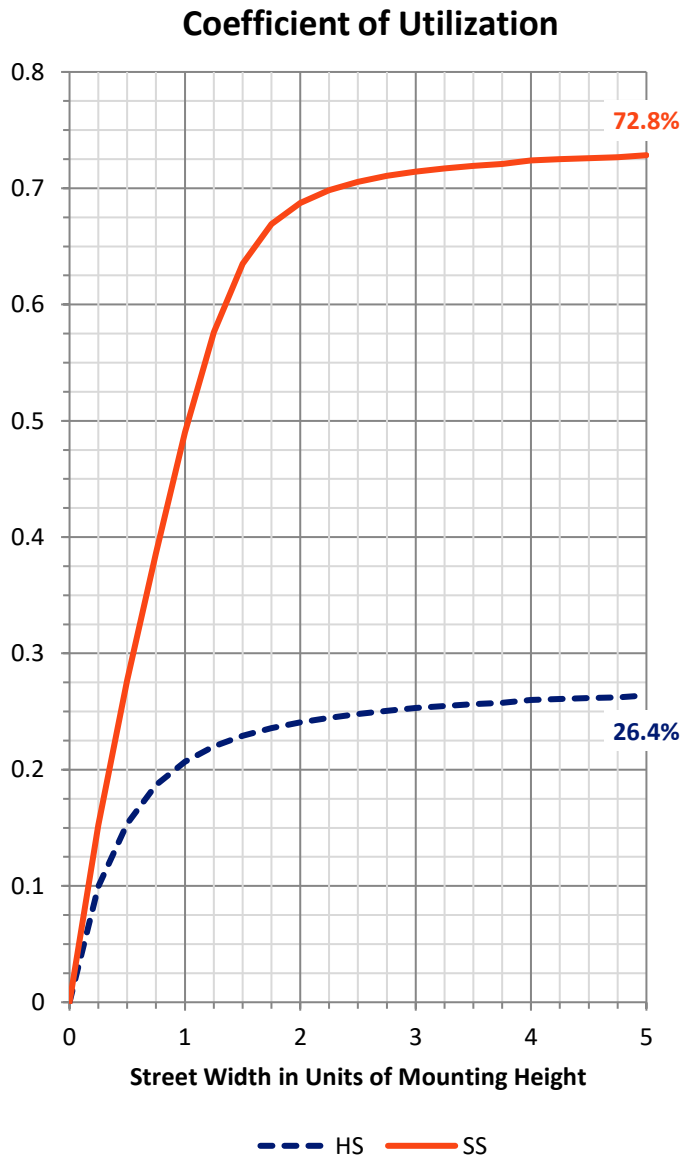
REPORT NUMBER: P1456120
CATALOG NUMBER: GLAN-SB2B-840-U-T2LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2799.4	0.0	2799.4
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	7619.9	0.0	7619.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	10419.3	0.0	10419.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.7	1.4
10°-20°	448.5	4.3
20°-30°	820.1	7.9
30°-40°	1410.8	13.5
40°-50°	2080.5	20.0
50°-60°	2493.6	23.9
60°-70°	2001.4	19.2
70°-80°	804.2	7.7
80°-90°	214.4	2.1
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°	10419.3	100.0
0°-180°	10419.3	100.0



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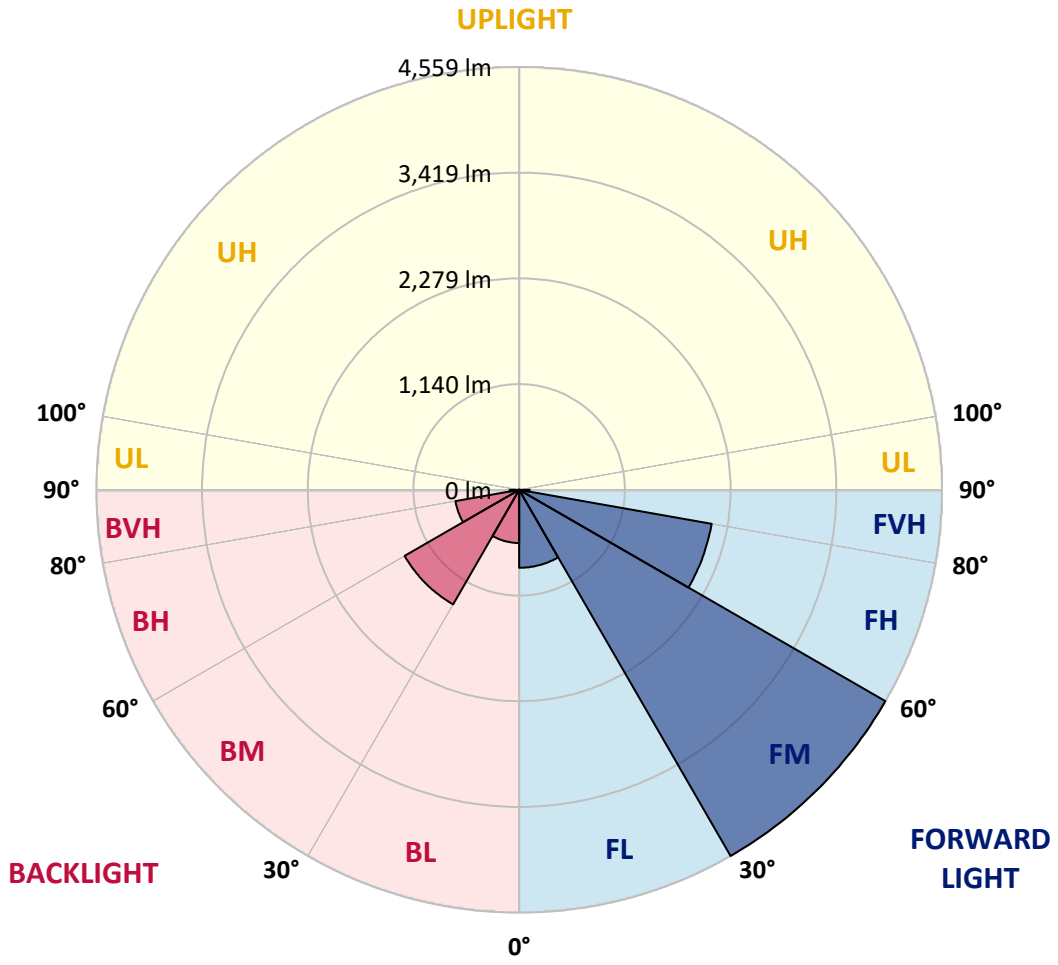
REPORT NUMBER: P1456120
CATALOG NUMBER: GLAN-SB2B-840-U-T2LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	840.6	8.1			
FM	(30°-60°)	4559.0	43.8			
FH	(60°-80°)	2107.6	20.2			G2/5000
FVH	(80°-90°)	112.7	1.1			G2/225
BL	(0°-30°)	573.7	5.5	B2/1000		
BM	(30°-60°)	1425.9	13.7	B2/2500		
BH	(60°-80°)	698.0	6.7	B2/1000		G2/1000
BVH	(80°-90°)	101.8	1.0			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 II Short



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Scaled Data Report

REPORT NUMBER: P1456120
CATALOG NUMBER: GLAN-SB2B-840-U-T2LG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	*1586.7*	1586.7	1586.7	1586.7
2.5°	1652.3	1654.6	1647.6	1645.2	1649.9	1640.6	1638.2	*1628.9*	1624.2	1614.8	1603.1
5°	1699.1	1701.4	1696.7	1696.7	1701.4	1694.4	1692.1	*1682.7*	1678.0	1668.7	1645.2
7.5°	1696.7	1699.1	1703.8	1722.5	1745.9	1755.2	1762.3	*1755.2*	1752.9	1738.9	1715.5
10°	1659.3	1661.6	1673.3	1701.4	1759.9	1802.0	1846.5	*1846.5*	1851.2	1839.5	1797.4
12.5°	1607.8	1610.1	1638.2	1682.7	1759.9	1832.5	1923.7	*1961.2*	1958.9	1951.8	1902.7
15°	1483.8	1483.8	1525.9	1610.1	1734.2	1853.5	1989.3	*2089.9*	2092.2	2099.3	2040.8
17.5°	1378.5	1380.8	1415.9	1490.8	1652.3	1841.8	2059.5	*2232.7*	2239.7	2279.5	2195.2
20°	1387.8	1387.8	1399.5	1432.3	1563.3	1795.0	2099.3	*2384.8*	2408.2	2501.8	2396.5
22.5°	1460.4	1460.4	1469.7	1467.4	1547.0	1764.6	2125.0	*2536.9*	2579.0	2773.3	2637.5
25°	1593.8	1591.4	1582.1	1568.0	1614.8	1797.4	2183.5	*2653.9*	2735.8	3072.8	2916.0
27.5°	1757.6	1752.9	1738.9	1715.5	1748.2	1895.7	2284.2	*2778.0*	2866.9	3400.5	3210.9
30°	1961.2	1947.1	1933.1	1902.7	1937.8	2057.1	2433.9	*2953.5*	3037.7	3772.6	3566.7
32.5°	2202.2	2218.6	2171.8	2129.7	2167.1	2277.1	2656.3	*3161.8*	3253.0	4161.1	3936.4
35°	2562.7	2611.8	2597.8	2384.8	2419.9	2541.6	2916.0	*3430.9*	3512.8	4514.5	4315.6
37.5°	2918.4	2906.7	2918.4	2740.5	2684.4	2831.8	3194.5	*3688.4*	3767.9	4802.3	4650.2
40°	3203.9	3239.0	3239.0	3093.9	3021.4	3119.7	3447.3	*3924.7*	4002.0	4961.5	4891.3
42.5°	3515.2	3519.8	3510.5	3384.1	3356.0	3381.8	3669.6	*4074.5*	4137.7	5043.4	5055.1
45°	3866.2	3863.9	3824.1	3718.8	3676.6	3653.2	3807.7	*4219.6*	4282.8	5080.8	5144.0
47.5°	4156.4	4168.1	4170.5	4058.1	3987.9	3887.3	3927.1	*4292.2*	4364.7	5038.7	5162.8
50°	4172.8	4191.5	4280.5	4313.2	4299.2	4137.7	4037.1	*4369.4*	4441.9	5048.1	5230.6
52.5°	4069.8	4088.5	4203.2	4339.0	4502.8	4425.6	4210.2	*4502.8*	4577.7	5139.4	5385.1
55°	3793.7	3824.1	3994.9	4184.5	4477.0	4587.0	4516.8	*4743.8*	4814.0	5211.9	5565.3
57.5°	3302.2	3339.6	3576.0	3877.9	4278.1	4549.6	4961.5	*5130.0*	5188.5	5263.4	5567.6
60°	2469.0	2499.5	2869.2	3276.5	3877.9	4315.6	5225.9	*5792.3*	5825.1	4984.9	5251.7
62.5°	1818.4	1848.9	2096.9	2389.5	3047.1	3884.9	5277.4	*6365.7*	6370.4	4481.7	4816.4
63°	*1713.1*	*1743.5*	*1968.2*	*2242.0*	*2850.5*	*3739.8*	*5261.0*	*6384.4*	*6368.0*	*4378.7*	*4720.4*
65°	1334.0	1387.8	1621.8	1830.1	2136.7	2976.9	5050.4	*6052.1*	6075.5	4074.5	4238.3
67.5°	908.0	947.8	1245.1	1486.1	1614.8	1895.7	4142.4	*5179.1*	5216.6	3758.6	3381.8
70°	702.1	720.8	894.0	1177.2	1305.9	1205.3	2700.7	*4170.5*	4170.5	2934.8	2396.5
72.5°	550.0	557.0	674.0	919.7	1050.8	926.8	1504.8	*3033.1*	2920.7	1741.2	1598.4
75°	393.2	402.5	507.9	685.7	837.8	730.2	961.9	*1766.9*	1699.1	1001.7	1067.2
77.5°	311.3	315.9	379.1	505.5	678.7	557.0	732.5	*964.2*	954.9	704.4	685.7
80°	245.7	255.1	297.2	362.8	524.2	435.3	545.3	*636.6*	617.8	484.4	440.0
82.5°	175.5	191.9	229.4	276.2	388.5	311.3	358.1	*449.3*	449.3	365.1	290.2
85°	107.7	121.7	135.7	170.8	276.2	201.3	189.6	*290.2*	297.2	273.8	187.2
87.5°	51.5	56.2	65.5	72.6	100.6	91.3	74.9	*110.0*	112.3	121.7	77.2
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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Scaled Data Report

REPORT NUMBER: P1456120
CATALOG NUMBER: GLAN-SB2B-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7	1586.7
2.5°	1600.8	1596.1	1572.7	1549.3	1523.6	1500.1	1476.7	1458.0	1437.0	1441.6	1444.0
5°	1631.2	1619.5	1568.0	1507.2	1427.6	1352.7	1280.2	1228.7	1195.9	1186.5	1167.8
7.5°	1696.7	1668.7	1575.0	1446.3	1298.9	1181.9	1114.0	1083.6	1074.2	1076.5	1071.9
10°	1771.6	1729.5	1584.4	1373.8	1186.5	1107.0	1097.6	1116.3	1125.7	1135.1	1137.4
12.5°	1869.9	1802.0	1579.7	1294.2	1132.7	1118.7	1153.8	1188.9	1209.9	1224.0	1221.6
15°	1984.6	1893.3	1565.7	1228.7	1125.7	1163.1	1207.6	1247.4	1273.1	1287.2	1280.2
17.5°	2122.7	2001.0	1549.3	1186.5	1146.8	1191.2	1238.0	1277.8	1305.9	1315.3	1308.2
20°	2293.5	2122.7	1521.2	1167.8	1163.1	1202.9	1245.1	1282.5	1305.9	1315.3	1305.9
22.5°	2494.8	2267.8	1497.8	1167.8	1170.2	1202.9	1233.4	1261.4	1282.5	1289.5	1277.8
25°	2752.2	2436.3	1488.4	1186.5	1172.5	1191.2	1207.6	1224.0	1235.7	1240.4	1235.7
27.5°	3014.3	2630.5	1493.1	1209.9	1170.2	1174.8	1174.8	1177.2	1179.5	1181.9	1179.5
30°	3316.2	2827.1	1511.8	1240.4	1174.8	1151.4	1144.4	1130.4	1118.7	1109.3	1100.0
32.5°	3608.8	3014.3	1544.6	1284.8	1170.2	1125.7	1111.7	1076.5	1043.8	1015.7	1015.7
35°	3924.7	3208.6	1603.1	1317.6	1165.5	1102.3	1062.5	1022.7	987.6	947.8	947.8
37.5°	4196.2	3374.7	1649.9	1355.0	1160.8	1074.2	1011.0	966.6	929.1	889.3	884.6
40°	4385.8	3470.7	1678.0	1369.1	1144.4	1036.8	961.9	905.7	851.9	798.1	795.7
42.5°	4477.0	3466.0	1661.6	1364.4	1114.0	990.0	919.7	844.9	772.3	723.2	718.5
45°	4526.2	3435.6	1598.4	1324.6	1064.8	940.8	865.9	786.3	713.8	669.3	660.0
47.5°	4516.8	3360.7	1511.8	1226.3	999.3	887.0	812.1	730.2	671.7	645.9	645.9
50°	4542.6	3302.2	1413.6	1114.0	910.4	823.8	762.9	688.1	653.0	620.2	608.5
52.5°	4657.2	3351.3	1329.3	1008.7	826.1	762.9	720.8	657.6	613.2	592.1	585.1
55°	4809.4	3456.7	1249.7	915.1	744.2	709.1	688.1	629.5	578.1	557.0	545.3
57.5°	4837.4	3529.2	1172.5	823.8	676.4	667.0	660.0	580.4	538.3	521.9	512.5
60°	4643.2	3475.4	1071.9	741.9	622.5	627.2	608.5	550.0	500.8	484.4	475.1
62.5°	4313.2	3335.0	971.2	671.7	580.4	589.8	571.0	512.5	463.4	447.0	442.3
63°	*4247.7*	*3297.5*	*947.8*	*664.7*	*571.0*	*582.7*	*566.4*	*507.9*	*458.7*	*442.3*	*435.3*
65°	3856.9	3072.8	865.9	627.2	540.6	540.6	543.0	484.4	442.3	435.3	430.6
67.5°	3145.4	2565.0	777.0	582.7	507.9	514.9	526.6	493.8	477.4	472.7	468.1
70°	2377.8	1930.8	699.8	540.6	472.7	496.1	575.7	561.7	500.8	458.7	449.3
72.5°	1685.0	1315.3	631.9	498.5	430.6	489.1	596.8	535.9	451.7	402.5	393.2
75°	1128.0	847.2	564.0	454.0	383.8	451.7	564.0	489.1	393.2	381.5	367.4
77.5°	709.1	603.8	496.1	402.5	332.3	402.5	512.5	435.3	339.3	344.0	323.0
80°	433.0	430.6	416.6	341.7	266.8	320.6	430.6	367.4	271.5	271.5	241.1
82.5°	257.4	311.3	353.4	283.2	194.2	229.4	311.3	276.2	227.0	220.0	205.9
85°	173.2	210.6	280.8	217.7	124.0	140.4	215.3	231.7	208.3	182.5	170.8
87.5°	63.2	84.3	128.7	88.9	53.8	84.3	161.5	168.5	126.4	98.3	88.9
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

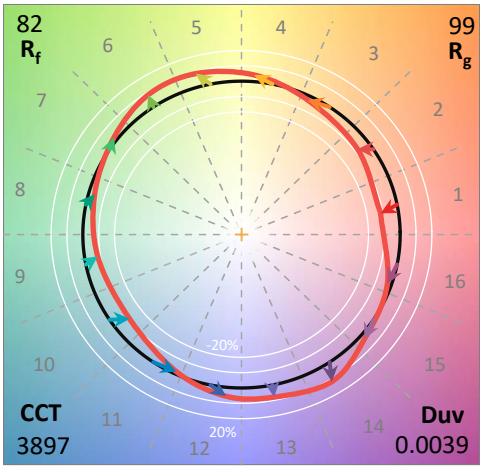
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

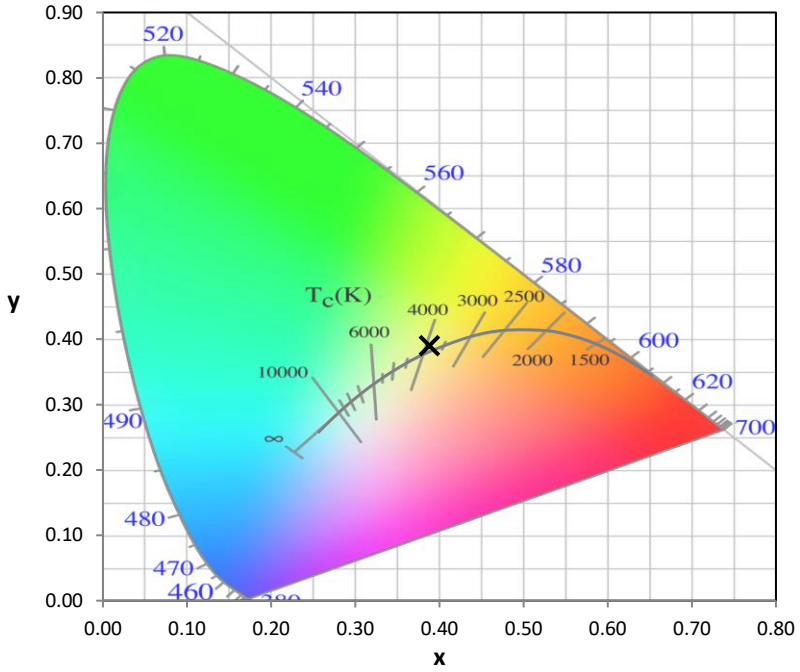
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

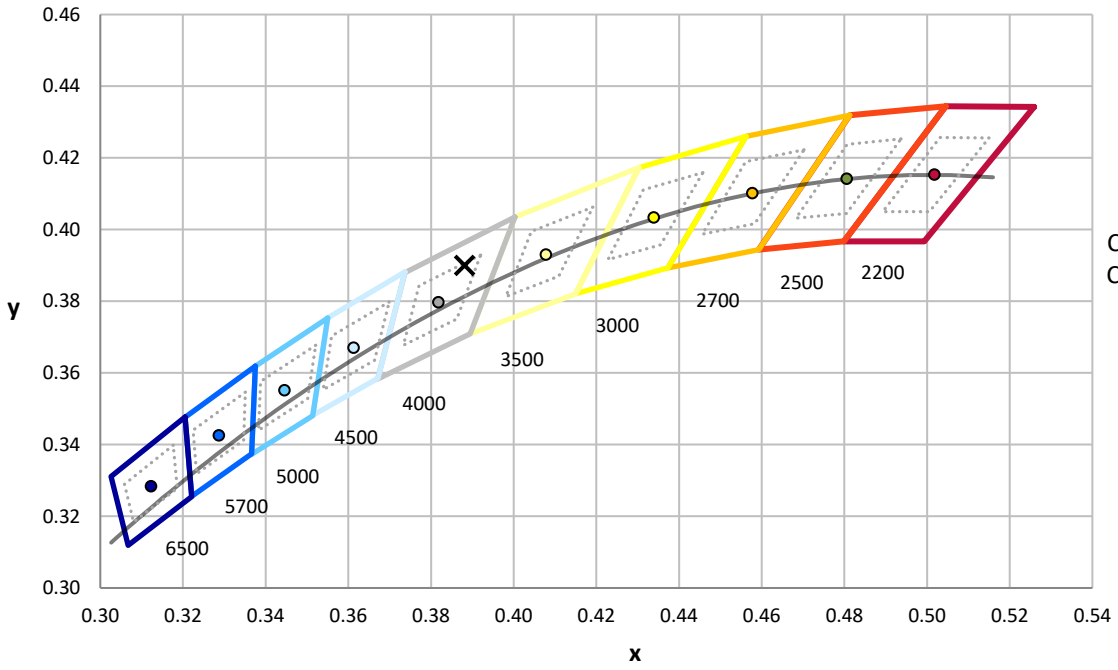
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

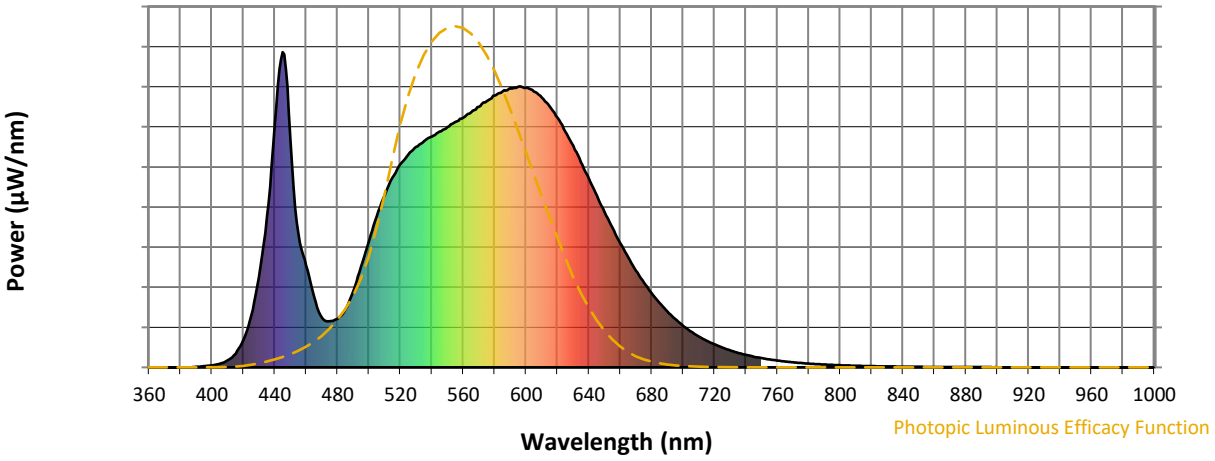


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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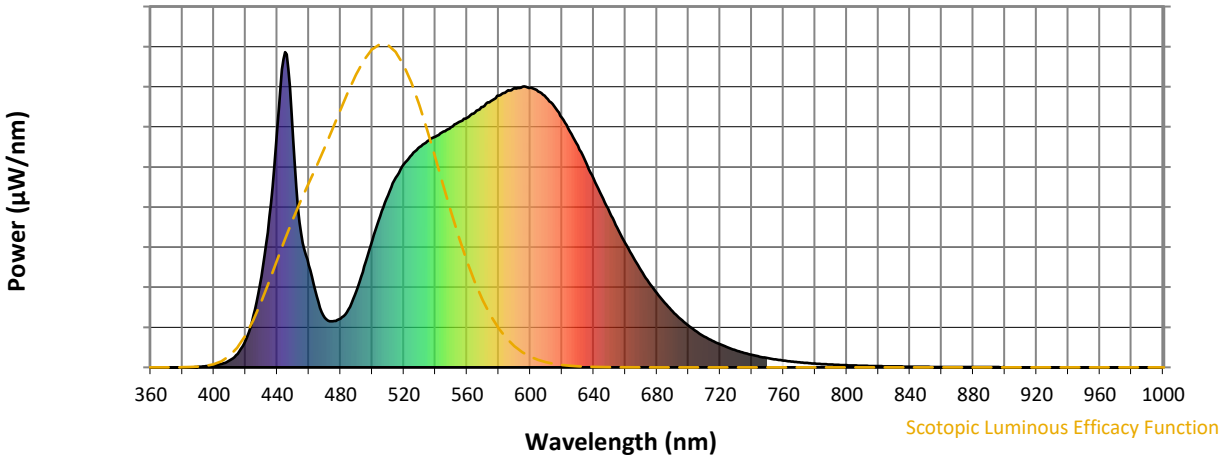
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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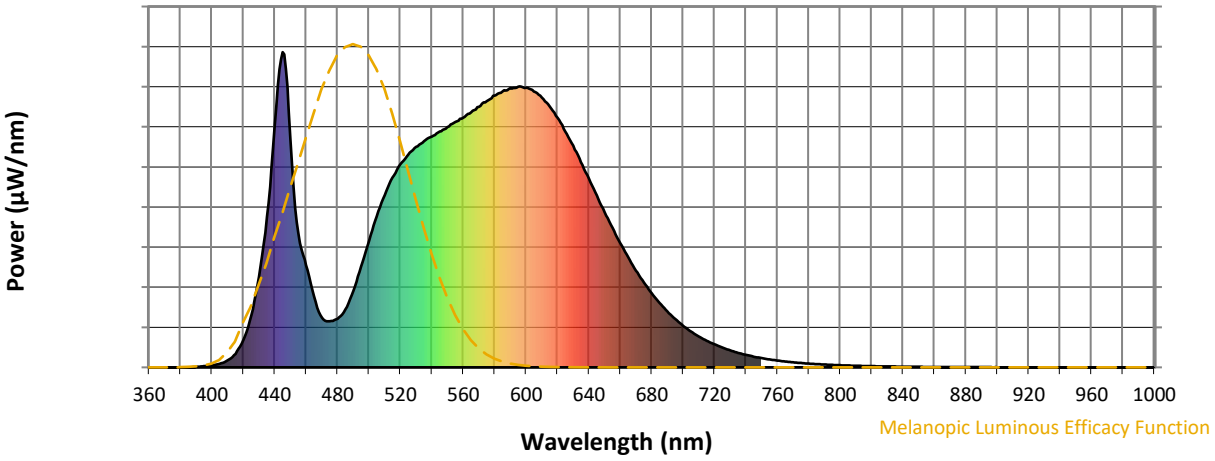
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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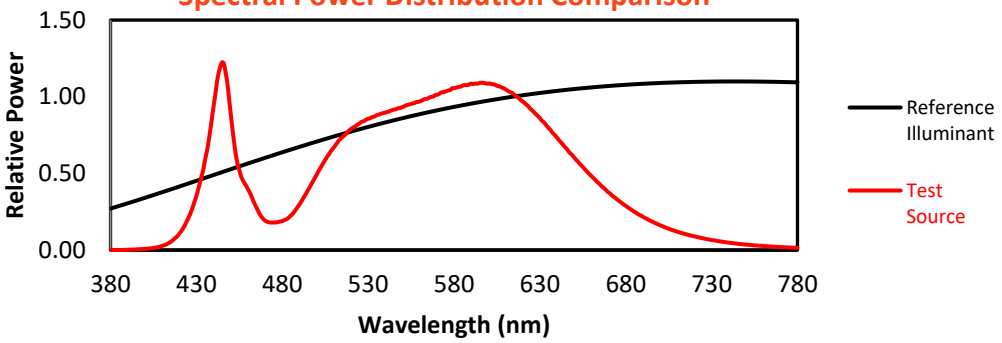
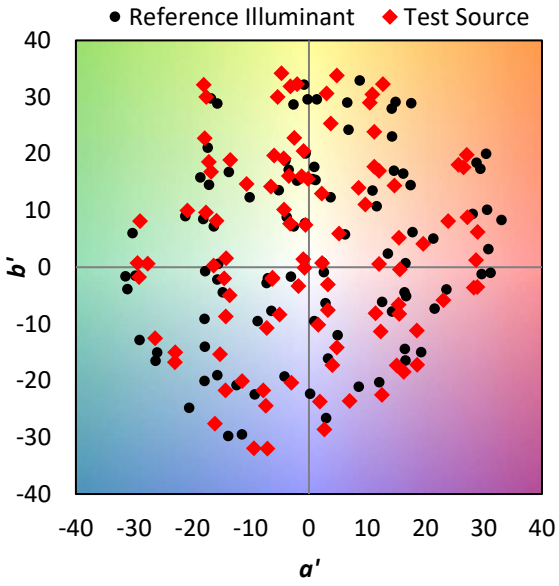
Summary

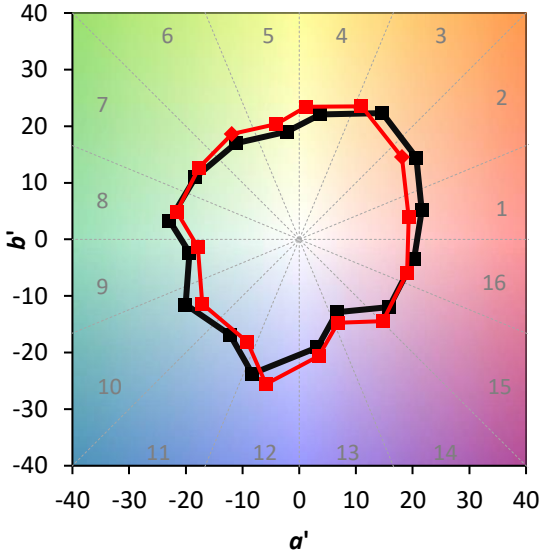
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

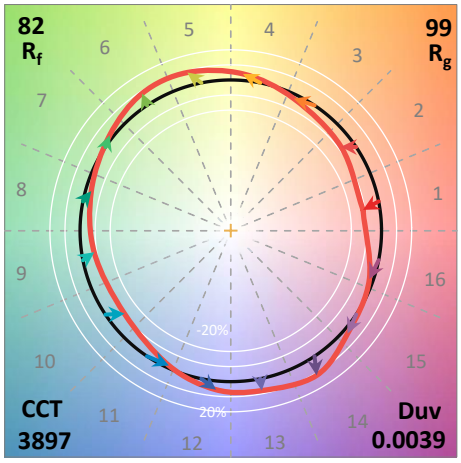
Spectral Power Distribution Comparison

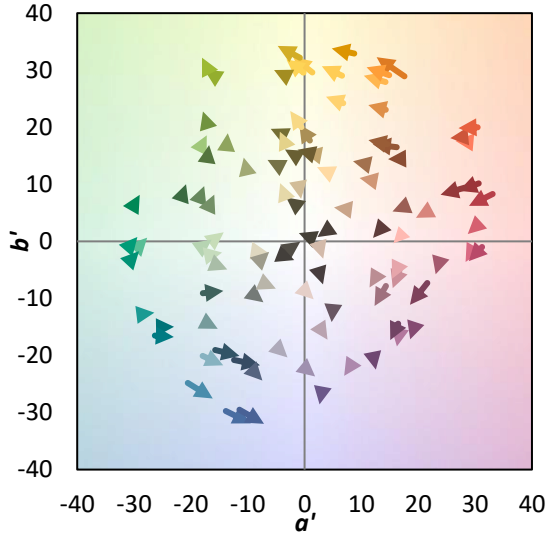


Color Vector Graphics









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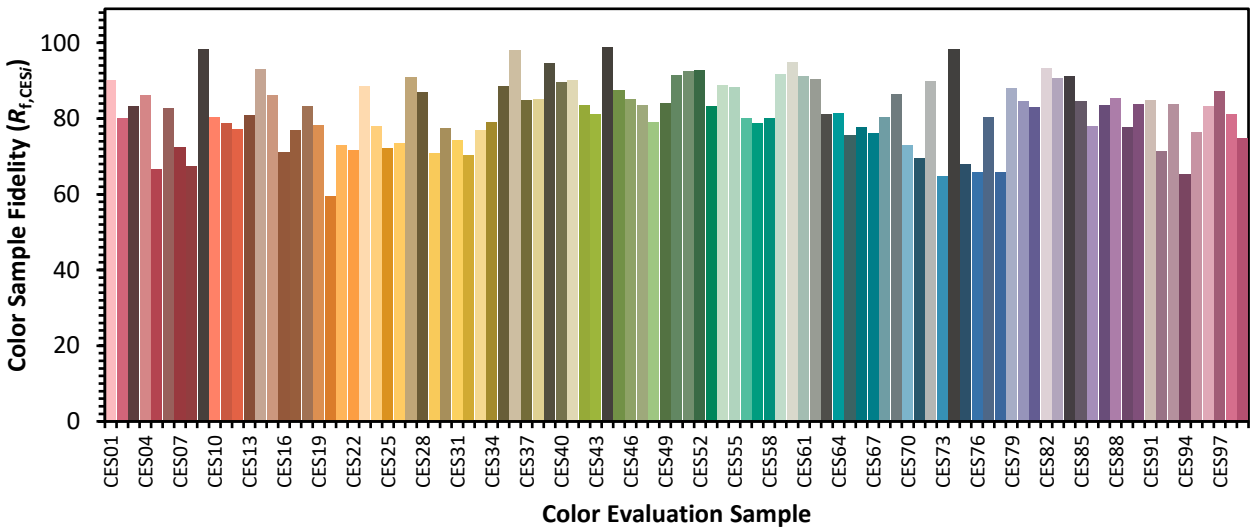
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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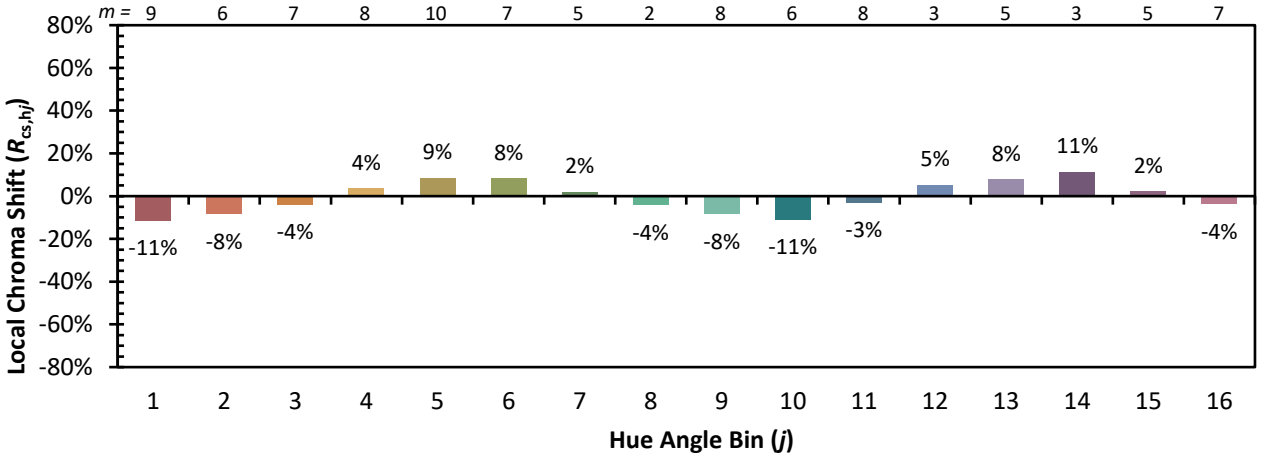
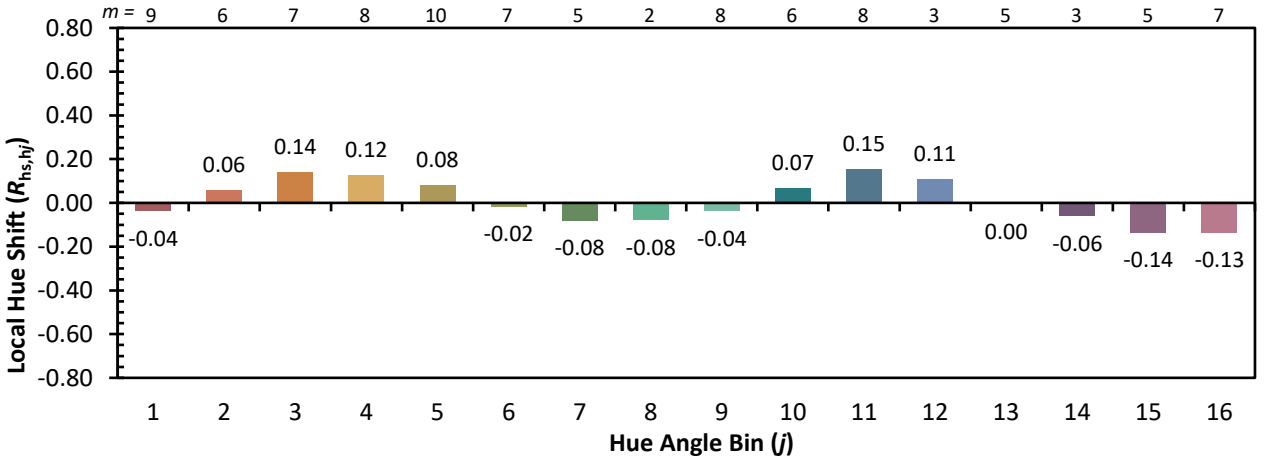
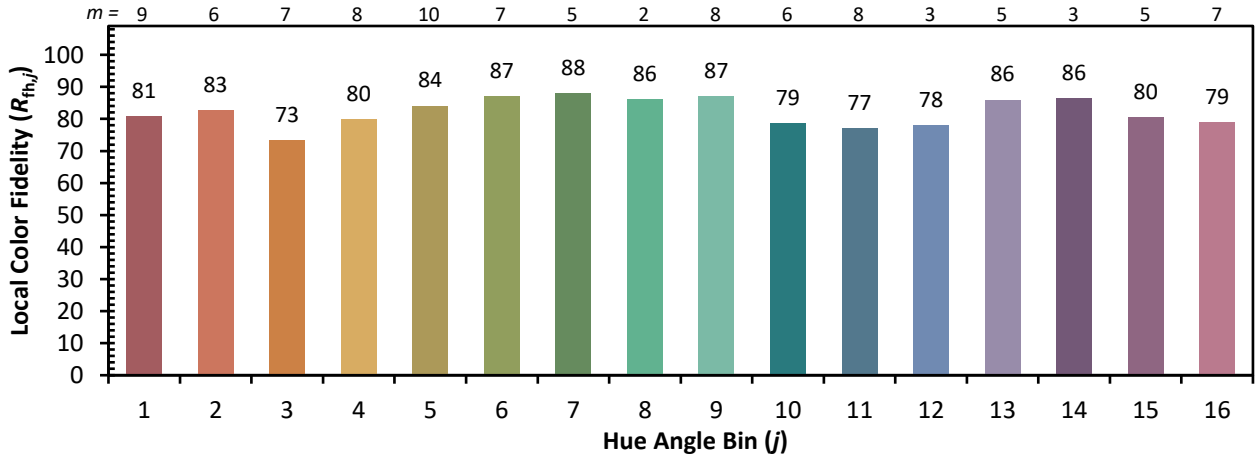
Color Rendition by Hue-Angle Bin







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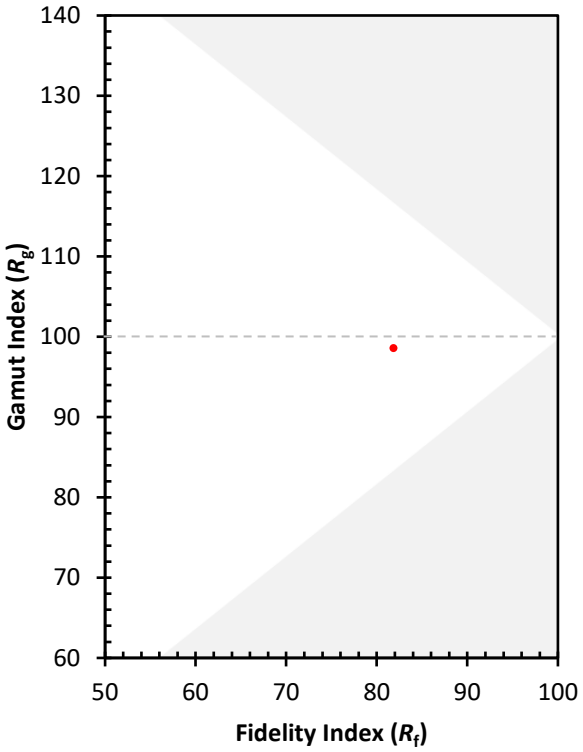
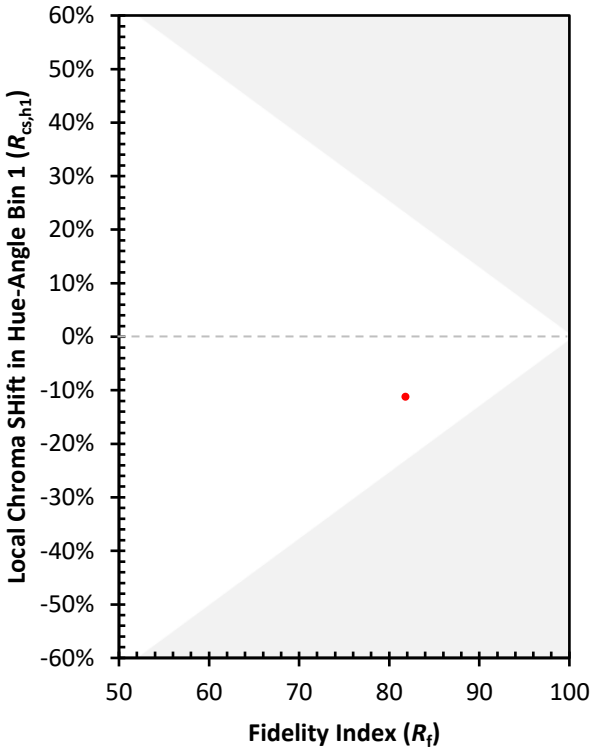
Measure Comparisons





(END OF REPORT)