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: P1458363

Luminaire Tested: GLAN-SB5A-830-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:	P1458363
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5A-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15556.3 lumens
Efficiency:	N/A
Efficacy:	109.8 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: P1458363
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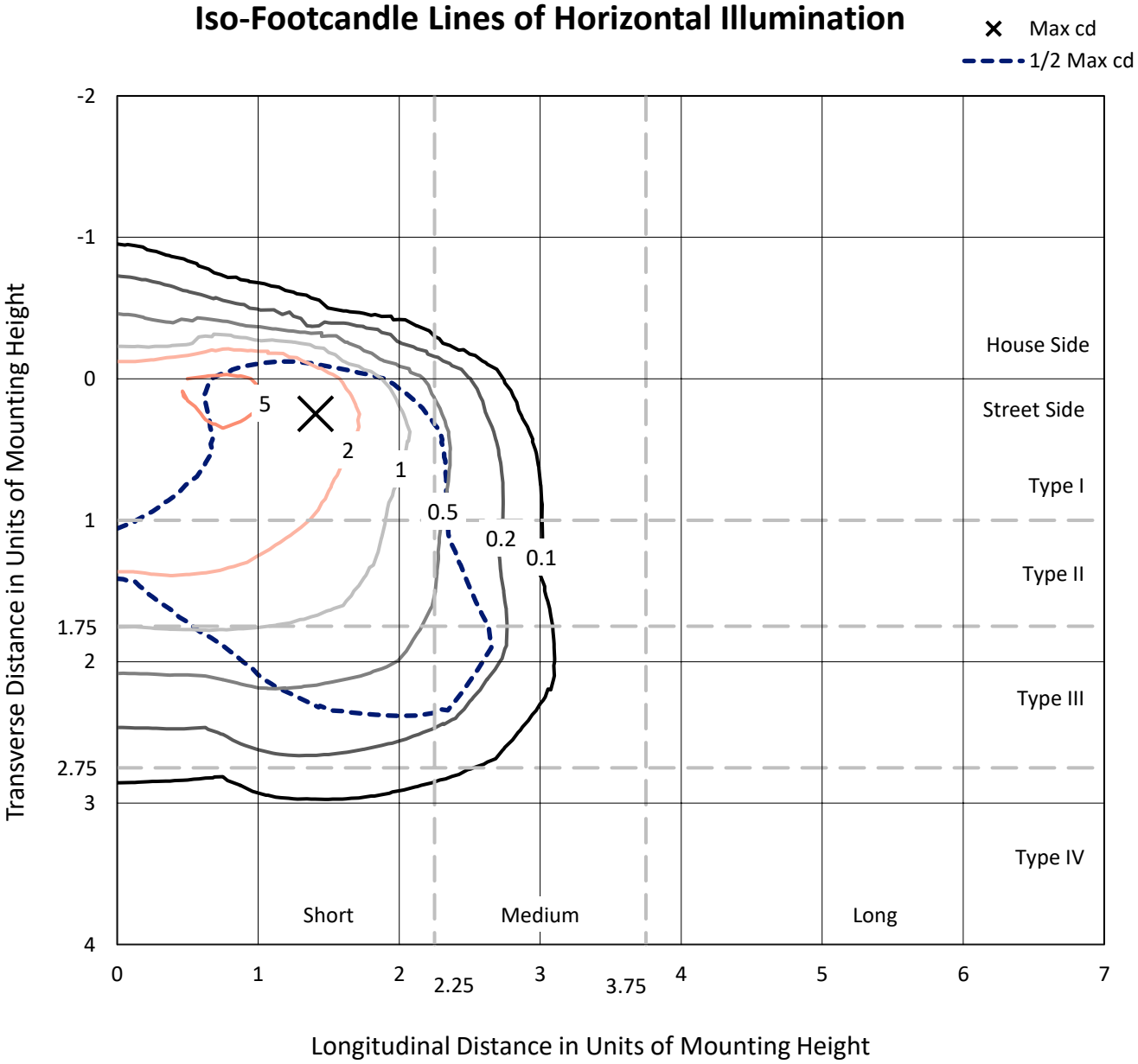
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 6.1 fc
Type III - Short - N/A

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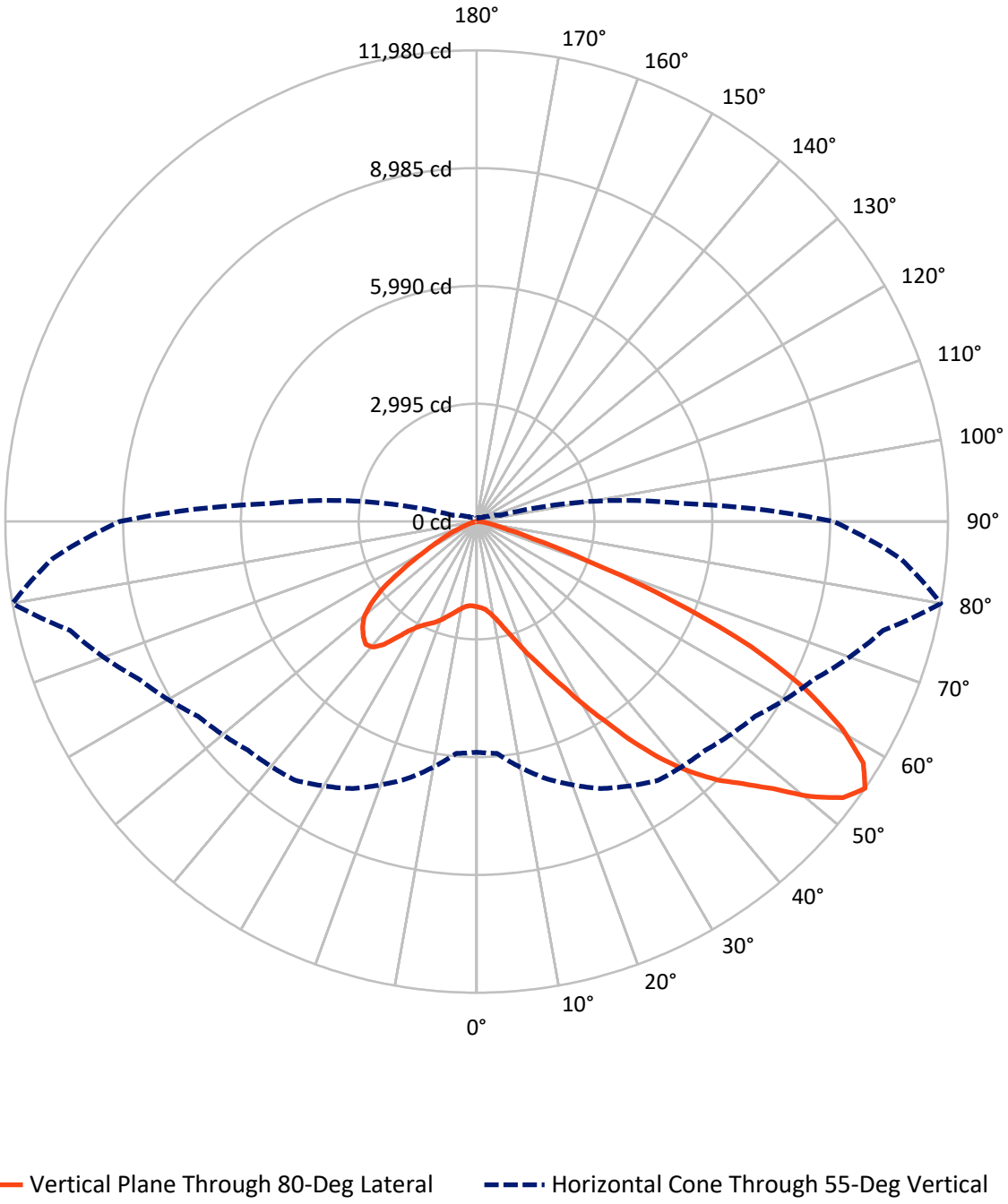
Luminous Intensity Polar Plot



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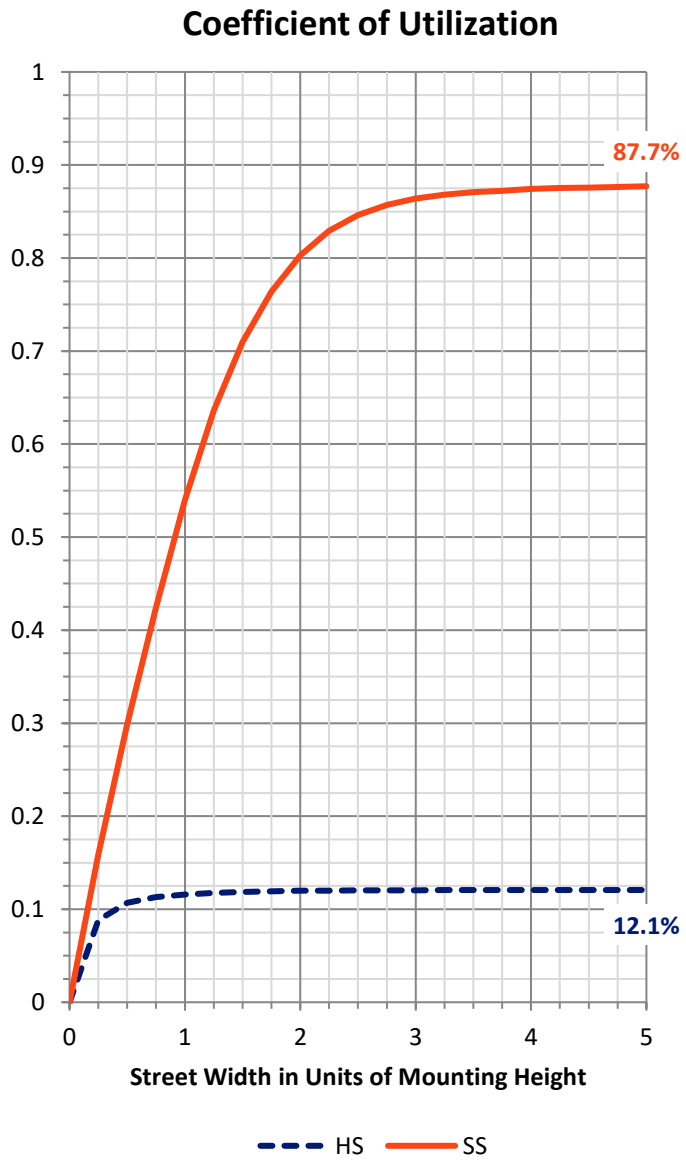
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1891.0	0.0	1891.0
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	13665.2	0.0	13665.2
	% Fixture	87.8	0.0	87.8
Total	Lumens	15556.3	0.0	15556.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.9	1.2
10°-20°	479.4	3.1
20°-30°	938.6	6.0
30°-40°	1909.5	12.3
40°-50°	3219.1	20.7
50°-60°	4113.0	26.4
60°-70°	3511.6	22.6
70°-80°	1122.2	7.2
80°-90°	81.0	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°	15556.3	100.0
0°-180°	15556.3	100.0



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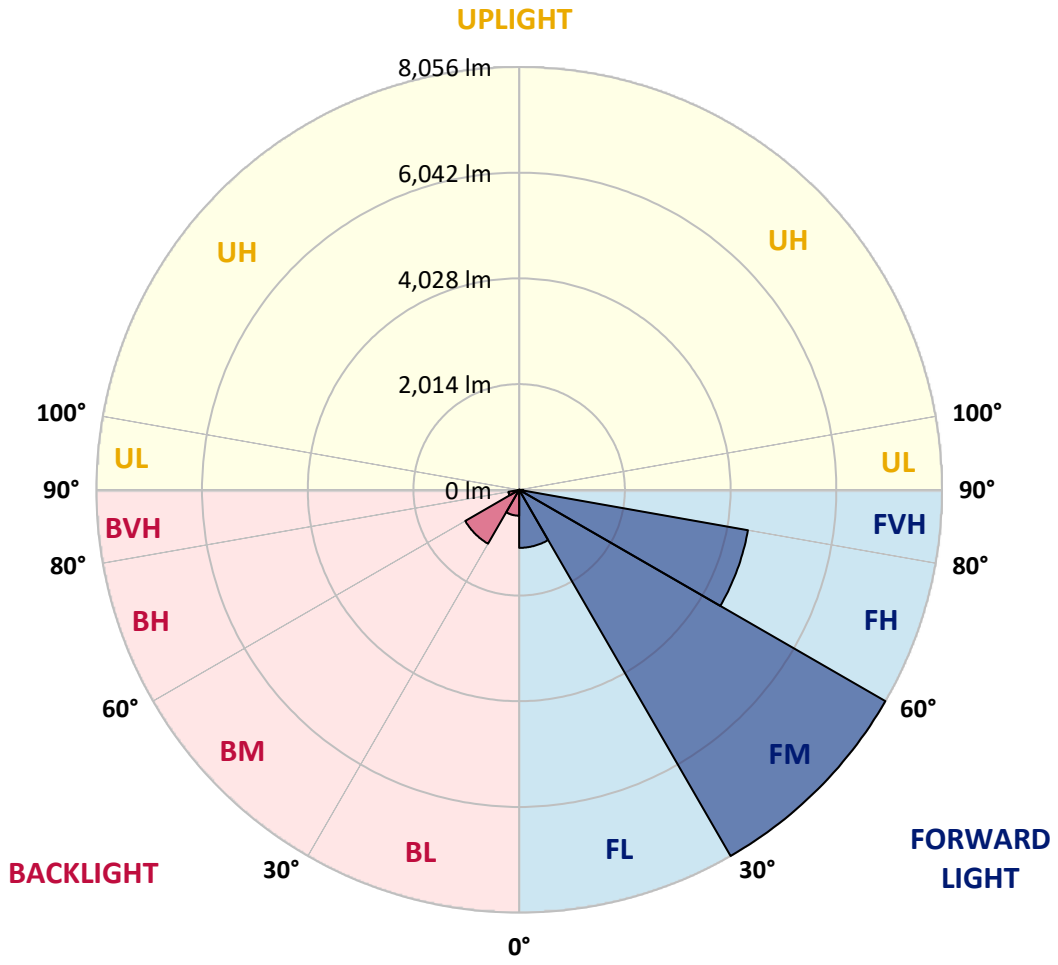
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1106.1	7.1			
FM	(30°-60°)	8056.5	51.8			
FH	(60°-80°)	4425.9	28.5			G2/5000
FVH	(80°-90°)	76.8	0.5			G1/100
BL	(0°-30°)	493.8	3.2	B1/500		
BM	(30°-60°)	1185.2	7.6	B2/2500		
BH	(60°-80°)	207.8	1.3	B1/500		G1/500
BVH	(80°-90°)	4.2	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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REPORT NUMBER: P1458363
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	2167.0	2167.0	2167.0	2167.0	2167.0	2167.0	2167.0	2167.0	2167.0	*2167.0*	2167.0
2.5°	2180.2	2184.7	2180.2	2184.7	2193.5	2189.1	2206.8	2202.3	2202.3	*2197.9*	2180.2
5°	2056.4	2060.8	2069.7	2091.8	2122.7	2153.7	2193.5	2220.0	2246.6	*2242.1*	2224.5
7.5°	1813.2	1822.0	1857.4	1901.6	2003.3	2096.2	2197.9	2264.3	2321.7	*2339.4*	2326.2
10°	1676.1	1684.9	1707.0	1751.3	1844.1	1998.9	2197.9	2335.0	2436.7	*2472.1*	2476.5
12.5°	1662.8	1667.2	1684.9	1733.6	1813.2	1945.8	2193.5	2427.9	2600.4	*2653.4*	2671.1
15°	1671.7	1680.5	1698.2	1738.0	1830.9	1981.2	2228.9	2573.8	2817.0	*2892.2*	2896.7
17.5°	1707.0	1715.9	1738.0	1782.2	1883.9	2074.1	2339.4	2724.2	3078.0	*3162.0*	3210.6
20°	1777.8	1782.2	1808.7	1866.2	1981.2	2189.1	2503.1	2927.6	3392.0	*3515.8*	3551.2
22.5°	1870.7	1883.9	1919.3	1990.1	2136.0	2348.3	2728.6	3175.3	3736.9	*3865.2*	3927.1
25°	1972.4	1990.1	2043.1	2158.1	2343.9	2591.5	3007.2	3502.5	4143.8	*4298.5*	4382.6
27.5°	2180.2	2184.7	2220.0	2366.0	2604.8	2909.9	3361.0	3922.6	4621.4	*4802.7*	4895.6
30°	2635.7	2640.2	2609.2	2649.0	2892.2	3285.8	3776.7	4413.5	5178.6	*5430.7*	5505.9
32.5°	3193.0	3215.1	3210.6	3184.1	3294.7	3661.7	4272.0	5001.7	5833.1	*6098.4*	6169.2
35°	3825.4	3878.4	3865.2	3856.3	3869.6	4143.8	4838.1	5651.8	6576.1	*6898.9*	6956.4
37.5°	4444.5	4457.7	4519.7	4594.8	4603.7	4793.8	5492.6	6341.7	7266.0	*7677.2*	7765.7
40°	4922.1	4966.3	5121.1	5271.5	5426.2	5576.6	6032.1	6898.9	7814.3	*8367.1*	8406.9
42.5°	5293.6	5399.7	5625.3	5859.6	6173.6	6341.7	6545.1	7292.5	8261.0	*8981.8*	8964.1
45°	5744.7	5788.9	6107.3	6416.9	6735.3	6991.8	6987.3	7624.2	8610.4	*9508.1*	9397.5
47.5°	6049.8	6102.9	6536.3	6898.9	7226.2	7354.4	7380.9	7982.4	9092.4	*10144.9*	9884.0
50°	6213.4	6306.3	6779.5	7239.4	7593.2	7633.0	7752.4	8451.1	9724.8	*10989.6*	10498.7
52.5°	6231.1	6319.6	6863.5	7456.1	7840.9	7920.5	8123.9	8981.8	10339.5	*11666.2*	10852.5
55°	*5864.1*	*5917.1*	*6761.8*	*7491.5*	*8035.4*	*8221.2*	*8636.9*	*9472.7*	*10697.7*	*11980.2*	*10821.5*
57.5°	5519.1	5572.2	6306.3	7429.6	8234.5	8614.8	9185.3	9808.8	10419.1	*11591.0*	10131.7
60°	5222.8	5249.4	5917.1	7142.1	8309.6	8999.5	9658.5	9477.1	9698.3	*10657.9*	8950.9
62.5°	4665.6	4683.3	5474.9	6624.7	8159.3	9295.8	9822.1	8774.0	8906.7	*9371.0*	7562.3
65°	3524.6	3591.0	4316.2	6235.5	7911.6	9432.9	9441.8	7916.0	7778.9	*7668.4*	5948.1
67.5°	2392.5	2467.7	2905.5	5607.6	7509.2	9490.4	8703.2	6806.0	5926.0	*5355.5*	3896.1
70°	1910.5	1910.5	2060.8	4506.4	6554.0	8756.3	7787.8	5138.8	3763.4	*2958.6*	2087.4
72.5°	1256.0	1260.4	1401.9	2861.3	4647.9	6677.8	6350.5	2971.8	1954.7	*1508.0*	1030.4
75°	455.5	455.5	614.7	1145.4	2458.8	3975.7	3869.6	1419.6	1061.4	*822.6*	623.6
77.5°	243.2	252.1	296.3	473.2	942.0	1618.6	1512.5	725.3	601.4	*513.0*	389.2
80°	163.6	168.1	199.0	291.9	455.5	623.6	486.5	406.9	406.9	*344.9*	260.9
82.5°	88.4	92.9	132.7	190.2	243.2	291.9	234.4	238.8	287.5	*234.4*	150.4
85°	61.9	61.9	101.7	137.1	137.1	141.5	101.7	150.4	168.1	*145.9*	101.7
87.5°	35.4	35.4	57.5	66.3	66.3	61.9	31.0	53.1	66.3	*75.2*	44.2
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: P1458363
CATALOG NUMBER: GLAN-SB5A-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2167.0	2167.0	2167.0	2167.0	2167.0	2167.0	2167.0	2167.0	2167.0	2167.0	2167.0
2.5°	2175.8	2162.5	2136.0	2082.9	2056.4	2021.0	1990.1	1950.3	1941.4	1937.0	1919.3
5°	2211.2	2184.7	2105.0	1990.1	1892.8	1799.9	1707.0	1654.0	1609.7	1587.6	1583.2
7.5°	2299.6	2246.6	2100.6	1897.2	1715.9	1556.7	1419.6	1300.2	1238.3	1185.2	1189.6
10°	2432.3	2348.3	2109.5	1808.7	1539.0	1282.5	1083.5	911.0	787.2	729.7	725.3
12.5°	2609.2	2489.8	2140.4	1720.3	1322.3	964.1	712.0	610.3	583.8	579.3	574.9
15°	2825.9	2657.8	2171.4	1605.3	1030.4	667.8	579.3	557.2	552.8	548.4	548.4
17.5°	3086.8	2852.4	2189.1	1410.7	751.8	574.9	544.0	530.7	526.3	521.8	521.8
20°	3414.1	3069.1	2211.2	1163.1	636.8	552.8	517.4	499.7	495.3	495.3	490.9
22.5°	3736.9	3312.4	2193.5	946.4	614.7	526.3	486.5	468.8	459.9	459.9	455.5
25°	4108.4	3560.0	2140.4	853.5	610.3	504.2	455.5	429.0	415.7	411.3	411.3
27.5°	4532.9	3843.0	2056.4	857.9	610.3	486.5	415.7	380.3	371.5	362.6	362.6
30°	5019.4	4188.0	1994.5	915.4	619.1	468.8	380.3	336.1	322.8	314.0	318.4
32.5°	5576.6	4572.7	1990.1	1008.3	632.4	442.2	340.5	291.9	278.6	274.2	278.6
35°	6209.0	5050.3	2091.8	1079.1	597.0	384.7	291.9	252.1	238.8	238.8	243.2
37.5°	6912.2	5598.7	2228.9	1061.4	482.0	305.1	252.1	221.1	207.9	212.3	216.7
40°	7553.4	6027.7	2251.0	906.6	362.6	260.9	216.7	194.6	185.7	190.2	194.6
42.5°	8039.9	6372.6	2038.7	703.2	305.1	221.1	185.7	168.1	163.6	172.5	172.5
45°	8433.5	6509.7	1702.6	521.8	269.8	190.2	163.6	154.8	145.9	150.4	150.4
47.5°	8844.7	6531.8	1388.6	420.1	238.8	172.5	150.4	141.5	132.7	132.7	132.7
50°	9242.8	6478.8	1061.4	371.5	221.1	154.8	137.1	128.2	119.4	115.0	115.0
52.5°	9340.0	6054.2	778.3	344.9	203.4	145.9	128.2	119.4	110.6	106.1	106.1
55°	*9070.3*	*5249.4*	*610.3*	*309.6*	*185.7*	*132.7*	*119.4*	*110.6*	*97.3*	*92.9*	*92.9*
57.5°	8181.4	4002.2	486.5	265.3	168.1	128.2	110.6	101.7	88.4	84.0	84.0
60°	7027.1	2839.2	393.6	216.7	154.8	115.0	101.7	88.4	79.6	70.8	70.8
62.5°	5749.1	2038.7	318.4	181.3	145.9	101.7	92.9	79.6	61.9	48.6	48.6
65°	4409.1	1463.8	247.7	145.9	132.7	88.4	79.6	66.3	48.6	35.4	35.4
67.5°	2852.4	946.4	185.7	128.2	101.7	75.2	61.9	53.1	44.2	31.0	26.5
70°	1503.6	552.8	137.1	110.6	75.2	57.5	53.1	44.2	35.4	22.1	22.1
72.5°	778.3	362.6	101.7	97.3	57.5	39.8	44.2	35.4	26.5	13.3	13.3
75°	499.7	243.2	75.2	79.6	35.4	31.0	31.0	22.1	13.3	8.8	4.4
77.5°	322.8	163.6	53.1	66.3	22.1	17.7	17.7	8.8	4.4	0.0	0.0
80°	190.2	101.7	35.4	44.2	8.8	8.8	4.4	0.0	0.0	0.0	0.0
82.5°	97.3	53.1	17.7	17.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	61.9	26.5	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	31.0	8.8	4.4	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: SP1-2407-184-9

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

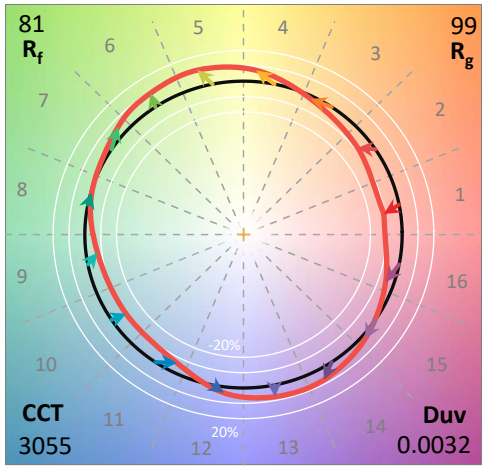
Test Information

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

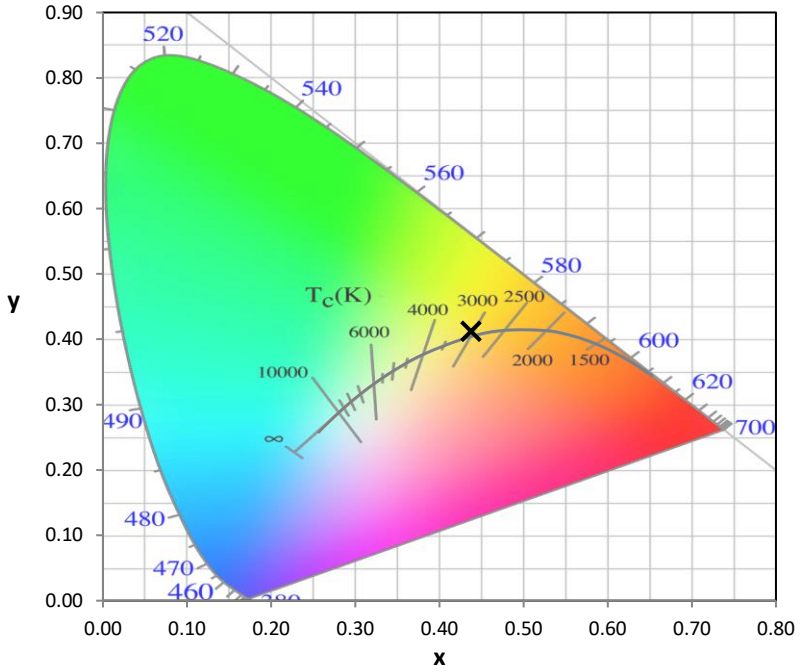
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

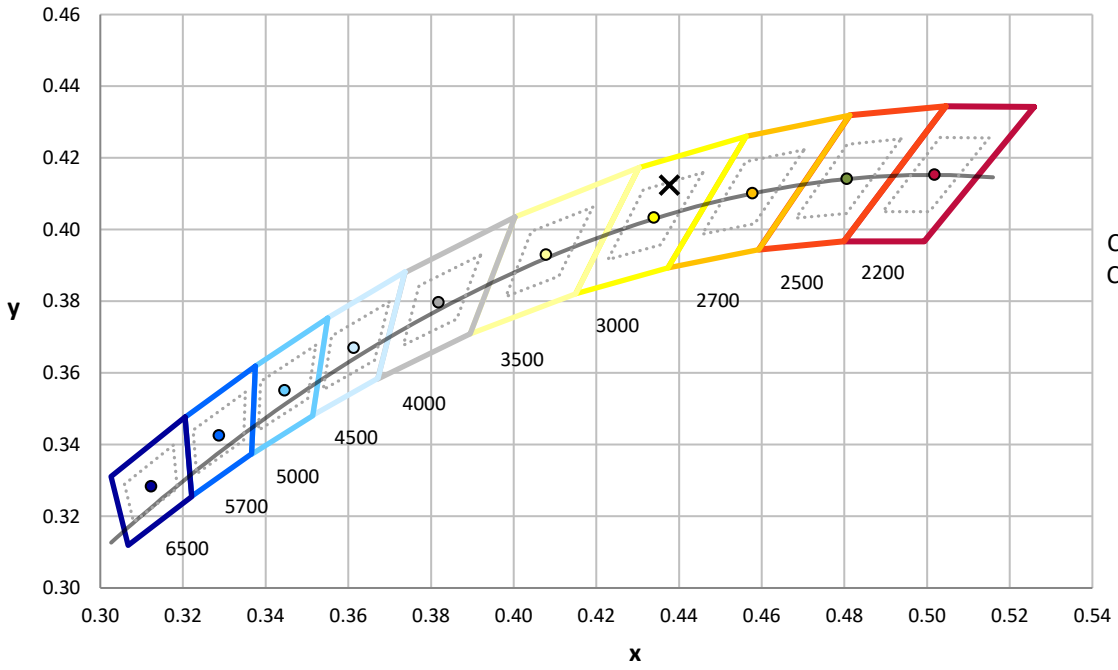
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

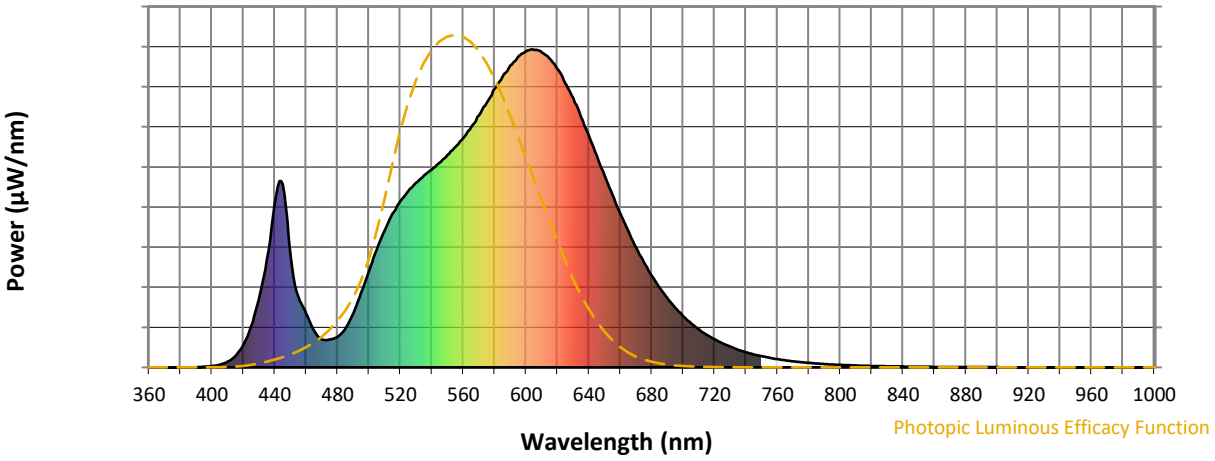


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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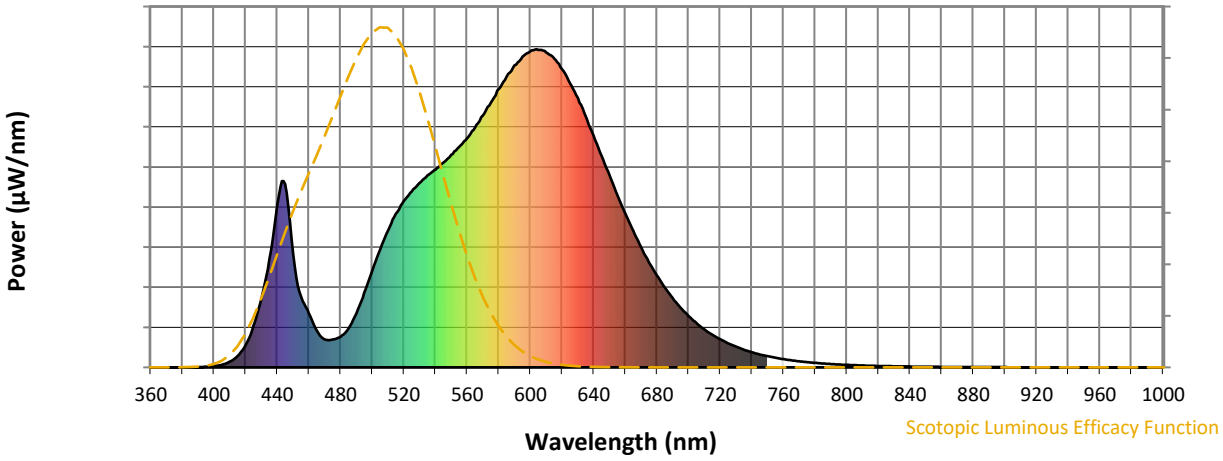
Scotopic Flux vs. Wavelength



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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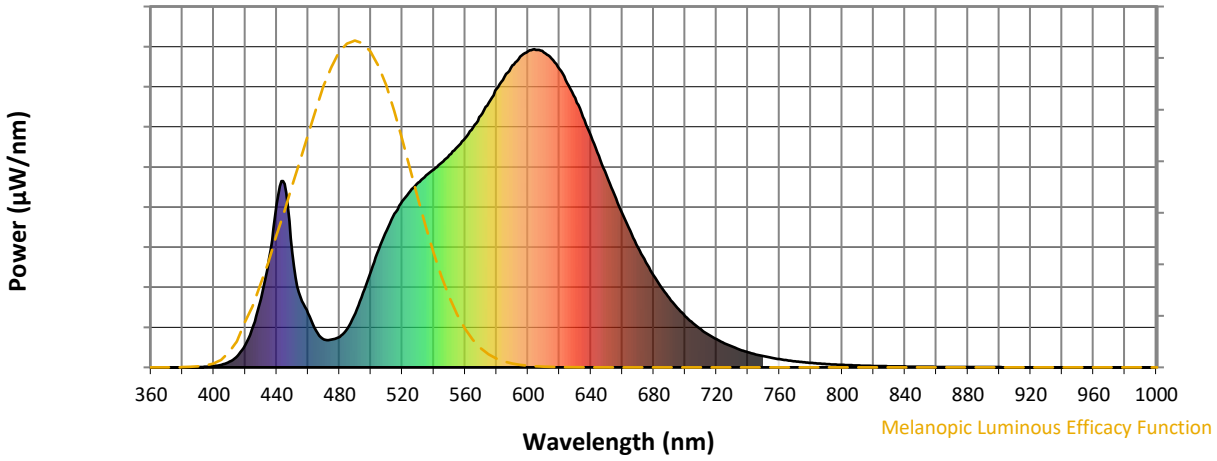
Melanopic Flux vs. Wavelength



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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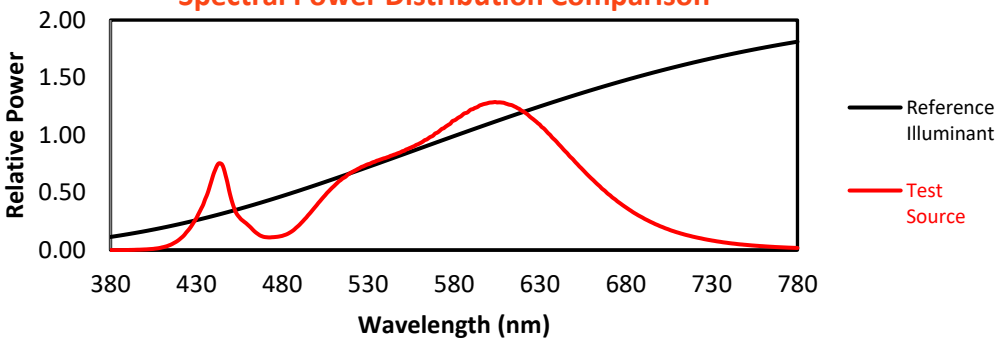
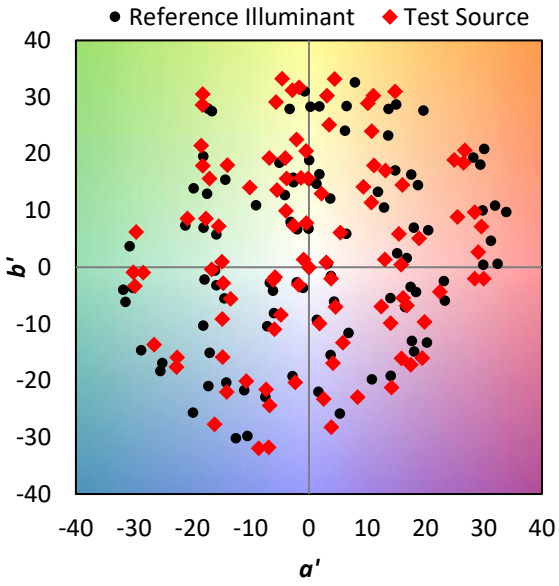
Summary

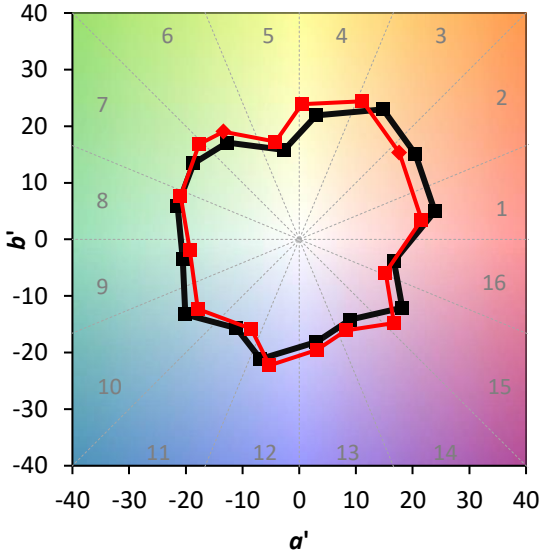
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

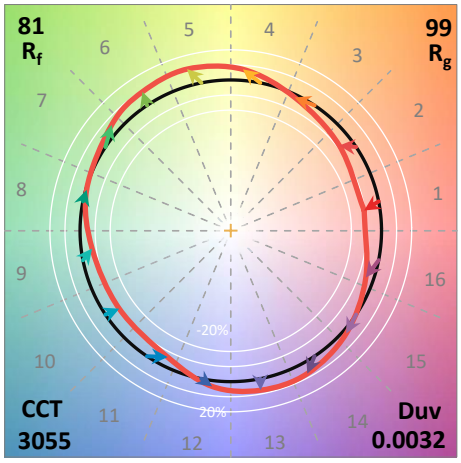
Spectral Power Distribution Comparison

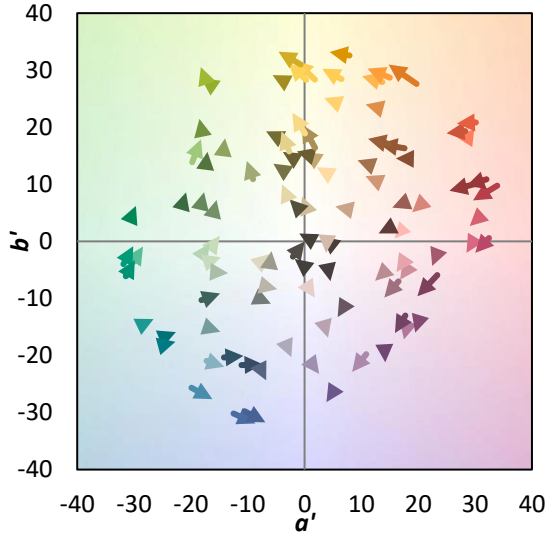


Color Vector Graphics









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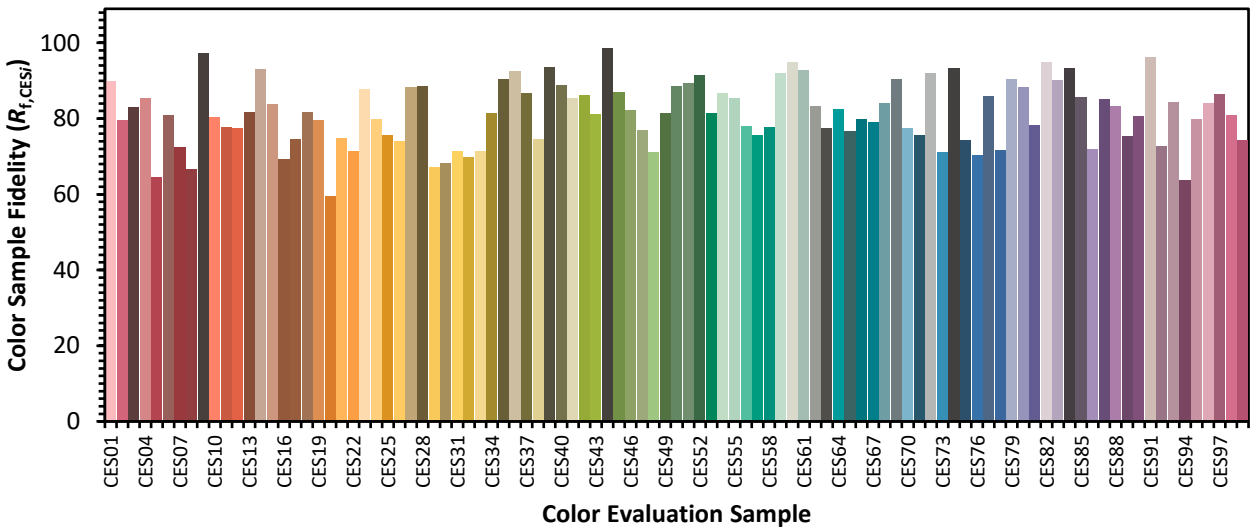
Individual Sample Fidelity Index ($R_{f,i}$)

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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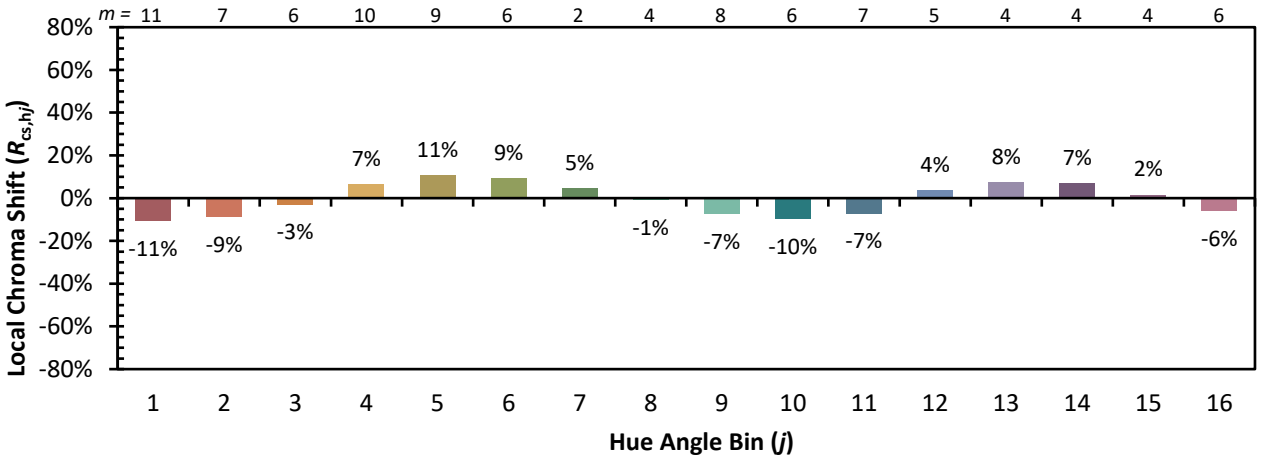
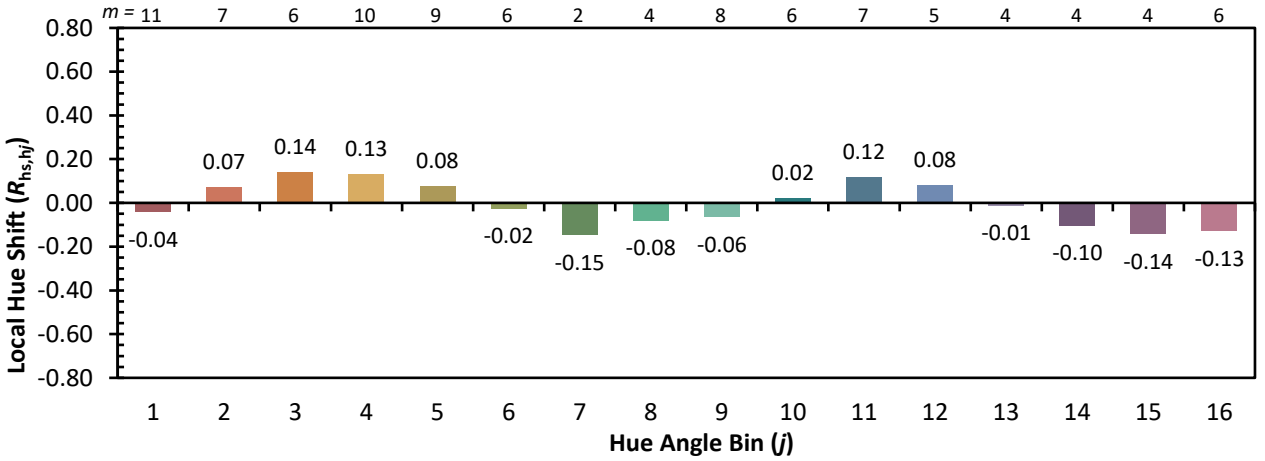
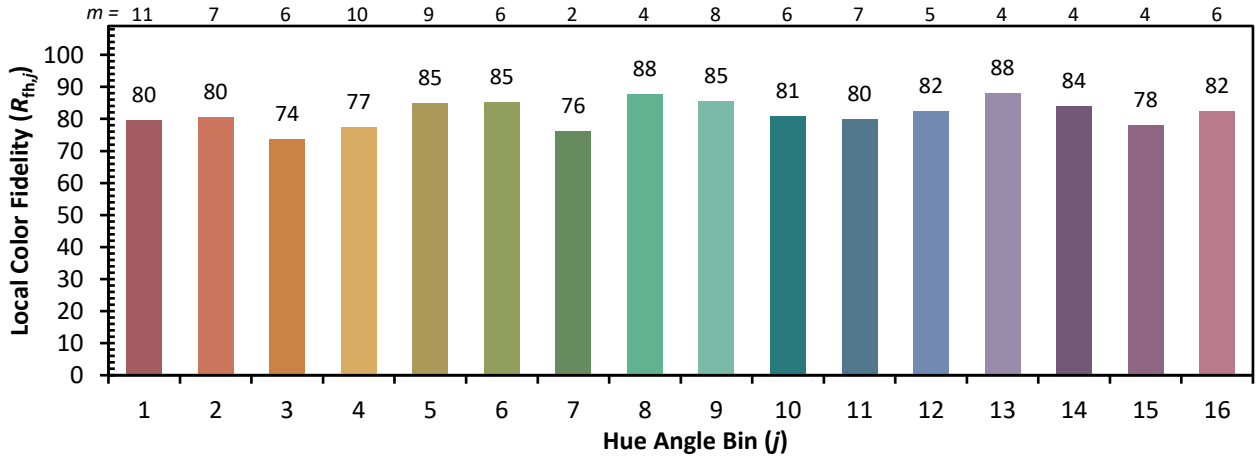
Color Rendition by Hue-Angle Bin







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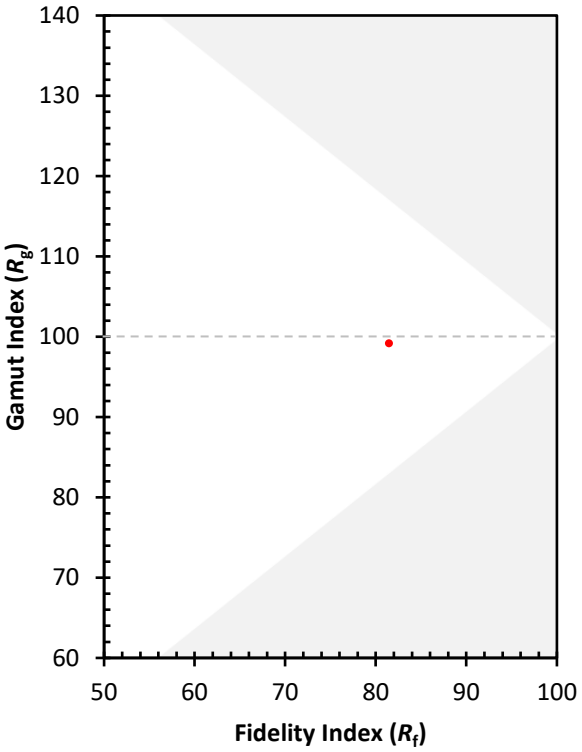
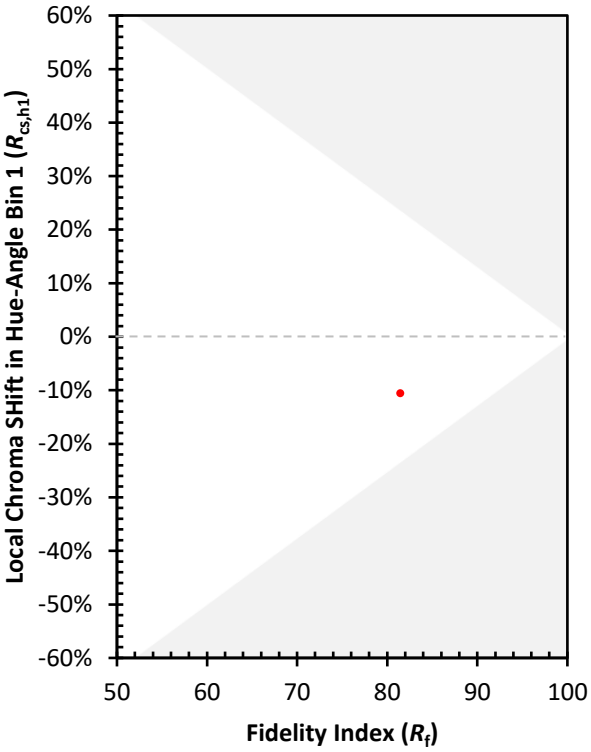
Measure Comparisons





(END OF REPORT)