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: P1458955

Luminaire Tested: GLAN-SB9A-830-U-T4LG-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:	P1458955
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(234) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26611.8 lumens
Efficiency:	N/A
Efficacy:	104.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	255.5
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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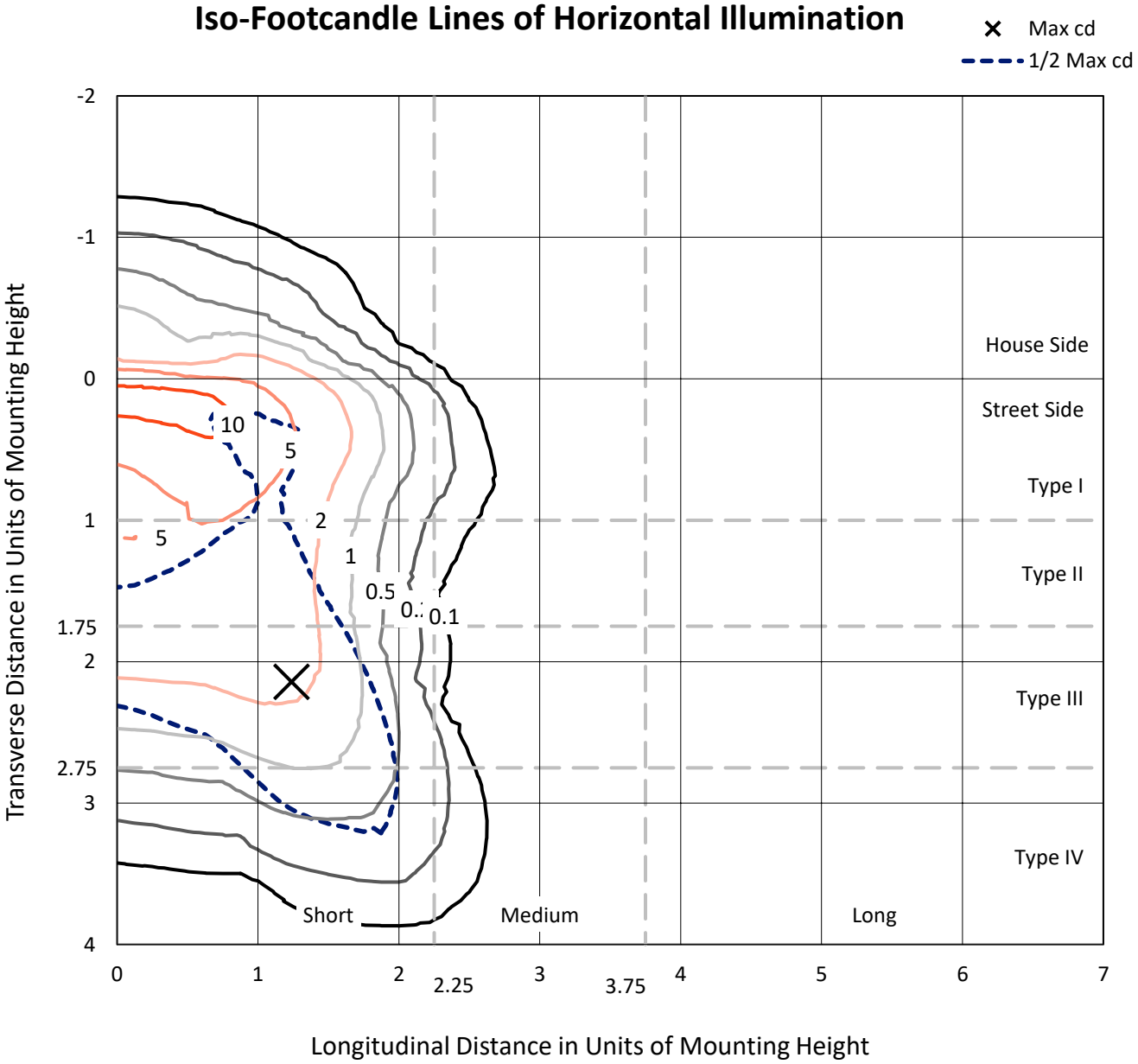
REPORT NUMBER: P1458955
CATALOG NUMBER: GLAN-SB9A-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 12.8 fc
Type IV - Short - N/A

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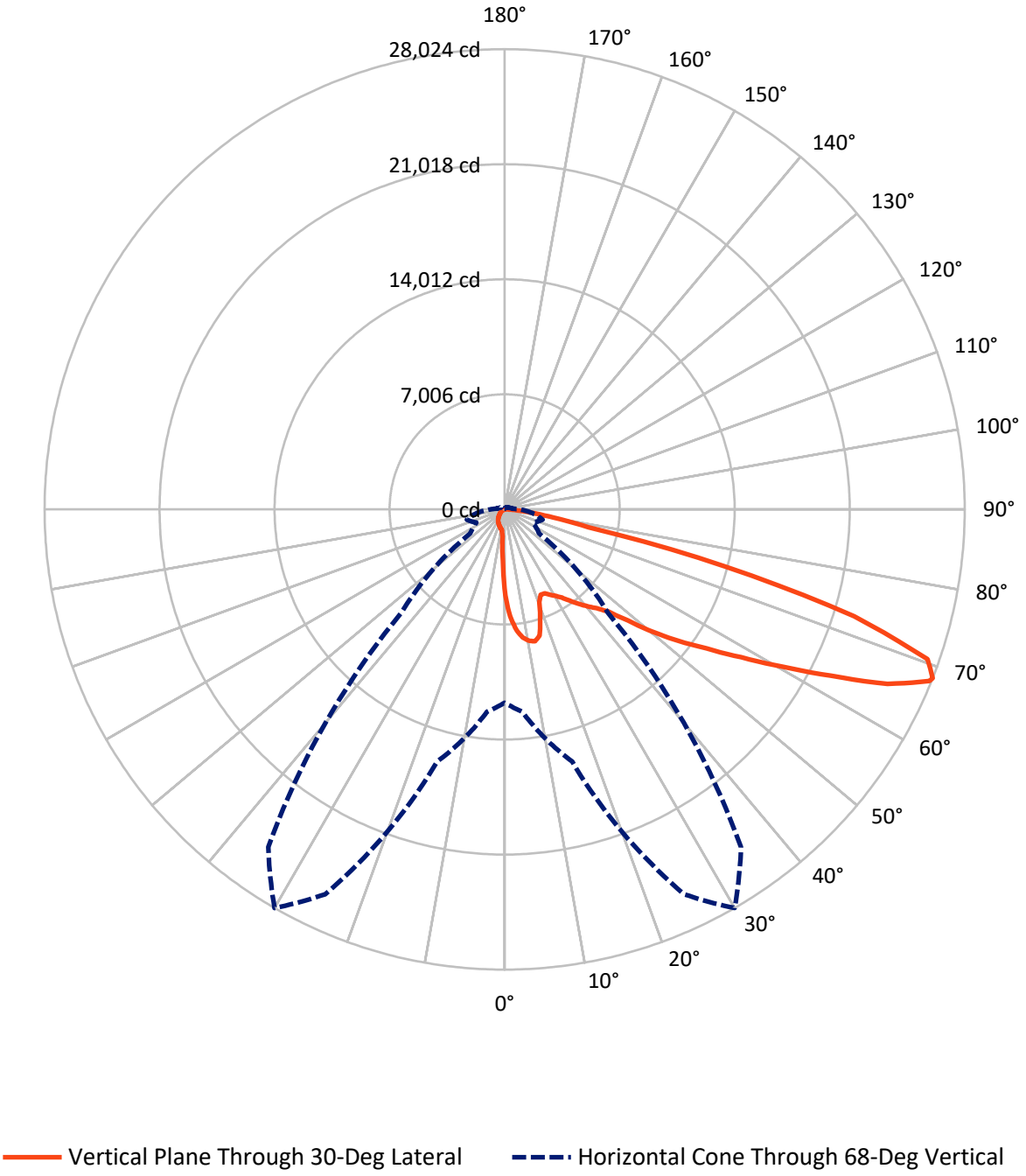
Luminous Intensity Polar Plot



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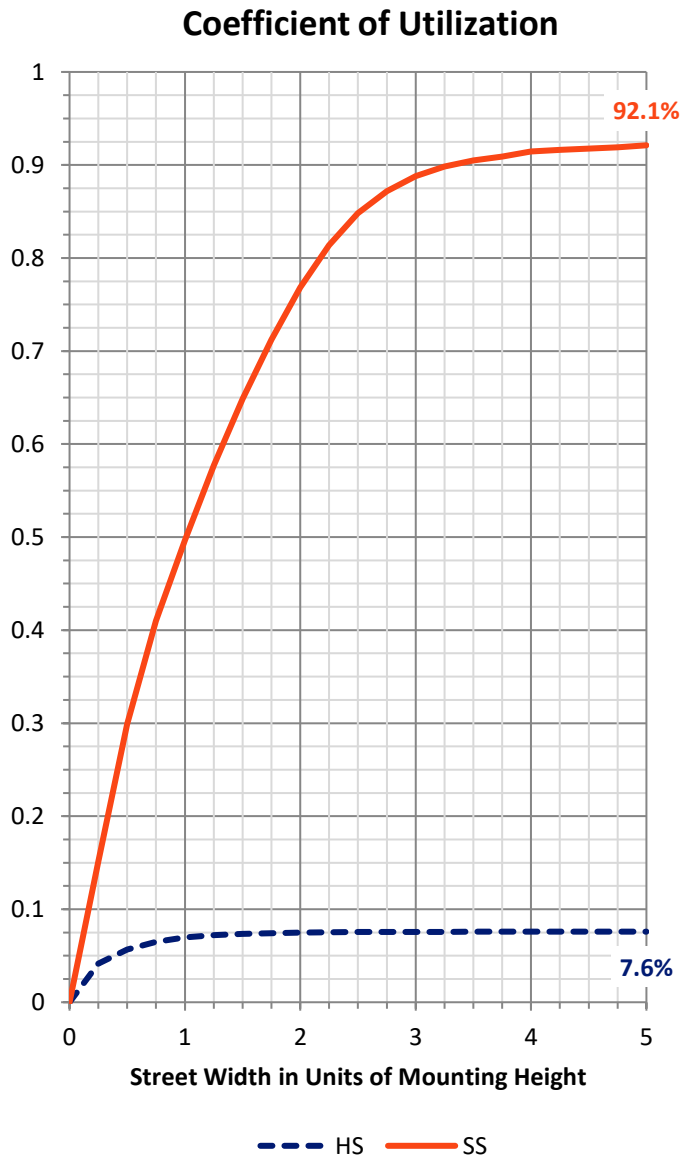
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2031.1	0.0	2031.1
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	24580.7	0.0	24580.7
	% Fixture	92.4	0.0	92.4
Total	Lumens	26611.8	0.0	26611.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	452.8	1.7
10°-20°	1292.7	4.9
20°-30°	2031.5	7.6
30°-40°	3186.2	12.0
40°-50°	4762.4	17.9
50°-60°	6335.5	23.8
60°-70°	6124.5	23.0
70°-80°	2201.5	8.3
80°-90°	224.7	0.8
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°	26611.8	100.0
0°-180°	26611.8	100.0



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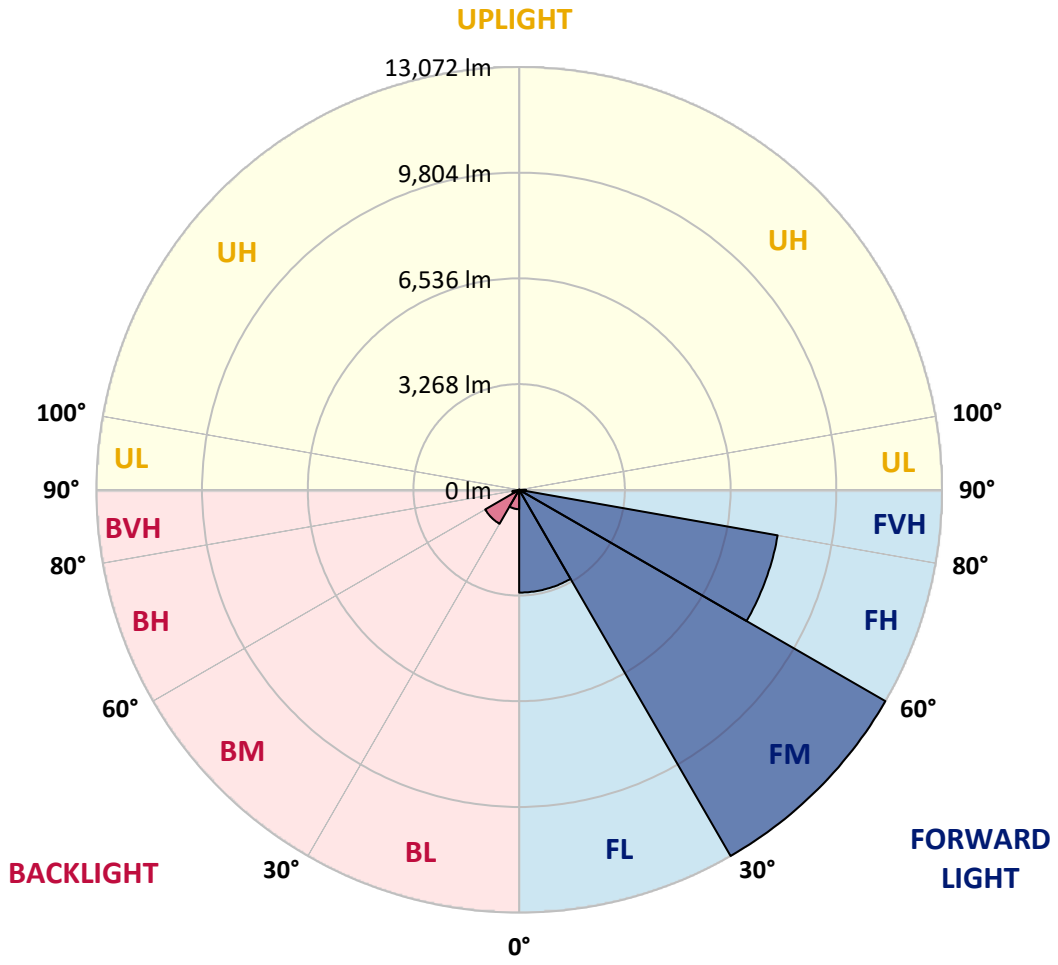
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3177.4	11.9			
FM	(30°-60°)	13071.7	49.1			
FH	(60°-80°)	8114.8	30.5			G4/12000
FVH	(80°-90°)	216.7	0.8			G2/225
BL	(0°-30°)	599.5	2.3	B2/1000		
BM	(30°-60°)	1212.4	4.6	B2/2500		
BH	(60°-80°)	211.2	0.8	B1/500		G1/500
BVH	(80°-90°)	8.0	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-G4
Type IV Short



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REPORT NUMBER: P1458955
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5
2.5°	6707.0	6707.0	6659.1	6595.3	6523.5	6499.6	6364.0	6172.6	5973.3	5742.0	5407.0
5°	7568.3	7560.3	7464.6	7464.6	7368.9	7281.2	7145.6	6866.5	6547.5	6132.8	5550.6
7.5°	7951.1	7967.0	7927.1	7927.1	7871.3	7807.5	7727.8	7456.6	7081.8	6523.5	5694.1
10°	8086.6	8094.6	8094.6	8150.4	8134.5	8126.5	8118.5	7967.0	7576.2	6922.3	5845.7
12.5°	7759.7	7799.5	7911.2	8158.4	8238.2	8325.9	8445.5	8397.7	8126.5	7424.7	6076.9
15°	6707.0	6714.9	7026.0	7640.0	7967.0	8302.0	8764.5	8860.2	8684.8	7967.0	6316.2
17.5°	5534.6	5558.6	5805.8	6491.6	7018.0	7791.6	8947.9	9338.7	9274.9	8501.3	6539.5
20°	5048.2	5080.1	5199.7	5630.3	6029.1	6746.8	8764.5	9793.3	9817.2	9035.7	6746.8
22.5°	4936.5	4960.4	5056.1	5391.1	5638.3	6116.8	8142.5	10152.2	10431.3	9649.7	6994.1
25°	4904.6	4928.5	5072.1	5438.9	5670.2	6069.0	7576.2	10343.6	11157.0	10287.7	7233.3
27.5°	4880.7	4912.6	5143.9	5614.4	5885.5	6268.3	7472.6	10383.4	11850.8	10965.6	7624.1
30°	4912.6	4960.4	5263.5	5797.8	6108.8	6539.5	7719.8	10423.3	12616.4	11739.2	8118.5
32.5°	5040.2	5080.1	5446.9	6045.0	6403.9	6890.4	8142.5	10662.6	13342.2	12528.7	8589.1
35°	5183.7	5239.6	5678.2	6395.9	6826.6	7376.9	8716.7	11133.1	14036.0	13278.4	9075.5
37.5°	5359.2	5423.0	5949.3	6794.7	7289.1	7911.2	9338.7	11787.0	14650.0	13892.4	9562.0
40°	5598.4	5670.2	6260.4	7217.4	7751.7	8373.7	9952.8	12433.0	15120.6	14259.3	9881.0
42.5°	6539.5	6635.2	6882.4	7632.1	8230.2	8868.2	10558.9	13047.1	15296.0	14378.9	9944.8
45°	8294.0	8389.7	8325.9	8469.4	8868.2	9466.3	11220.8	13637.2	15319.9	14347.0	9912.9
47.5°	10056.5	10168.1	10112.3	10032.5	10120.3	10407.4	11962.5	14012.1	15192.3	14331.1	9912.9
50°	11739.2	11675.4	11683.4	11659.4	11739.2	11890.7	12680.2	14083.8	15160.4	14482.6	10000.6
52.5°	12640.4	12672.3	12871.6	13166.7	13342.2	13493.7	13501.7	14195.5	14929.2	14227.4	9897.0
55°	13525.6	13589.4	14051.9	14554.4	14945.1	15232.2	14323.1	14123.7	13549.5	13374.1	9354.7
57.5°	14522.5	14610.2	15264.1	16300.9	16986.7	17138.2	15136.5	12783.9	11468.0	12153.9	8302.0
60°	15894.1	15997.8	16867.1	18422.2	19443.0	19132.0	15200.3	10654.6	9107.4	10088.4	6850.5
62.5°	16970.8	17178.1	18749.2	21173.6	22298.1	21309.2	14012.1	8166.4	6364.0	7089.8	5000.3
65°	15822.4	16221.1	18781.1	24323.7	25623.6	23869.1	12145.9	5574.5	3588.7	4585.6	3198.0
67.5°	12791.9	13350.1	16675.7	25854.9	27904.5	25216.9	9562.0	2958.7	2057.5	2663.6	1682.7
68°	11771.1	12377.2	15902.1	25854.9	28024.1	25097.3	8876.2	2560.0	1898.0	2392.5	1459.4
70°	8134.5	8565.1	12225.7	24403.5	27322.3	22880.2	5845.7	1467.4	1427.5	1642.8	965.0
72.5°	3987.5	4450.0	6539.5	19339.3	22258.2	17584.8	2663.6	972.9	1084.6	1204.2	757.6
75°	1587.0	1682.7	2575.9	9538.1	13908.4	11220.8	1395.6	733.7	933.1	941.0	598.1
77.5°	909.1	965.0	1427.5	3509.0	5215.6	5016.3	901.2	526.3	741.7	677.9	390.8
80°	510.4	518.4	805.5	1850.2	2982.6	2671.6	614.1	382.8	566.2	478.5	263.2
82.5°	255.2	287.1	510.4	1020.8	1658.8	1698.7	327.0	271.1	454.6	342.9	215.3
85°	183.4	199.4	366.8	566.2	765.6	1148.4	199.4	135.6	342.9	231.3	151.5
87.5°	95.7	119.6	231.3	279.1	311.0	390.8	95.7	63.8	191.4	135.6	79.7
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: P1458955
CATALOG NUMBER: GLAN-SB9A-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5	5247.5
2.5°	5247.5	5064.1	4689.3	4250.7	3907.7	3556.8	3269.7	2998.6	2871.0	2855.0	2886.9
5°	5223.6	4824.9	3971.5	3134.2	2448.3	1969.8	1706.6	1571.1	1499.3	1467.4	1475.4
7.5°	5175.8	4569.7	3205.9	2121.3	1587.0	1379.7	1315.9	1291.9	1284.0	1284.0	1284.0
10°	5127.9	4226.7	2456.3	1555.1	1299.9	1244.1	1228.1	1228.1	1220.2	1220.2	1228.1
12.5°	5104.0	3907.7	1906.0	1299.9	1212.2	1188.3	1172.3	1164.3	1164.3	1164.3	1172.3
15°	5048.2	3556.8	1539.2	1204.2	1156.4	1124.5	1116.5	1108.5	1108.5	1108.5	1108.5
17.5°	5000.3	3213.9	1339.8	1140.4	1100.5	1068.6	1060.7	1052.7	1052.7	1060.7	1060.7
20°	4928.5	2886.9	1204.2	1076.6	1044.7	1012.8	1004.8	996.9	1004.8	1004.8	1004.8
22.5°	4840.8	2615.8	1124.5	1028.8	988.9	957.0	957.0	957.0	957.0	957.0	965.0
25°	4785.0	2424.4	1068.6	972.9	933.1	909.1	901.2	901.2	917.1	917.1	925.1
27.5°	4872.7	2376.5	1076.6	957.0	885.2	861.3	853.3	853.3	869.3	877.2	885.2
30°	5135.9	2464.3	1172.3	1004.8	853.3	813.4	805.5	805.5	829.4	837.4	845.3
32.5°	5438.9	2647.7	1315.9	1068.6	829.4	765.6	749.6	749.6	773.6	781.5	789.5
35°	5853.6	2934.8	1507.3	1124.5	845.3	717.7	685.8	685.8	701.8	717.7	725.7
37.5°	6388.0	3405.3	1730.6	1164.3	845.3	661.9	622.0	614.1	630.0	630.0	638.0
40°	6946.2	4019.4	1961.8	1164.3	805.5	606.1	566.2	542.3	550.3	542.3	550.3
42.5°	7257.2	4513.8	2161.2	1092.6	757.6	550.3	510.4	478.5	470.5	454.6	462.5
45°	7432.7	4737.1	2105.4	1012.8	709.8	510.4	462.5	422.7	406.7	382.8	382.8
47.5°	7432.7	4761.1	1802.3	949.0	661.9	478.5	414.7	374.8	350.9	327.0	334.9
50°	7345.0	4545.7	1427.5	885.2	606.1	446.6	374.8	342.9	311.0	295.1	295.1
52.5°	6978.1	3843.9	1092.6	805.5	542.3	406.7	334.9	303.0	271.1	263.2	263.2
55°	6348.1	2823.1	885.2	725.7	486.5	374.8	303.0	279.1	247.2	231.3	231.3
57.5°	5159.8	1929.9	733.7	653.9	430.6	334.9	271.1	247.2	207.3	191.4	191.4
60°	3828.0	1260.0	622.0	574.2	366.8	303.0	239.2	207.3	175.4	159.5	151.5
62.5°	2583.9	853.3	518.4	454.6	311.0	263.2	207.3	175.4	135.6	103.7	103.7
65°	1610.9	661.9	430.6	358.9	271.1	231.3	175.4	135.6	95.7	71.8	63.8
67.5°	925.1	534.3	350.9	279.1	231.3	183.4	135.6	111.6	79.7	55.8	47.8
68°	*853.3*	*510.4*	*327.0*	*263.2*	*215.3*	*175.4*	*127.6*	*103.7*	*71.8*	*47.8*	*47.8*
70°	693.8	454.6	279.1	215.3	183.4	143.5	111.6	87.7	55.8	31.9	31.9
72.5°	614.1	382.8	239.2	167.5	127.6	119.6	87.7	63.8	39.9	23.9	15.9
75°	502.4	303.0	191.4	127.6	87.7	87.7	63.8	39.9	15.9	0.0	0.0
77.5°	327.0	223.3	151.5	79.7	47.8	55.8	39.9	15.9	0.0	0.0	0.0
80°	215.3	167.5	103.7	39.9	23.9	23.9	8.0	0.0	0.0	0.0	0.0
82.5°	151.5	111.6	63.8	15.9	8.0	8.0	0.0	0.0	0.0	0.0	0.0
85°	95.7	47.8	23.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	39.9	15.9	8.0	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

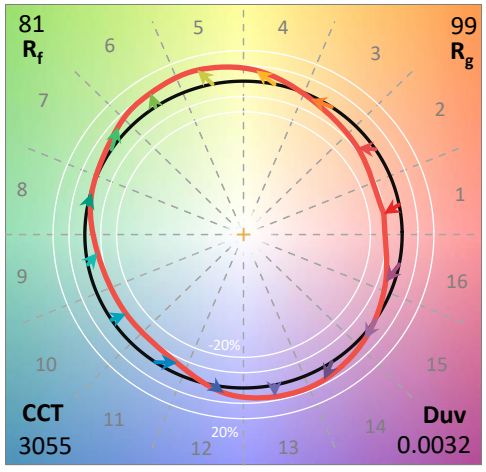
Test Information

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

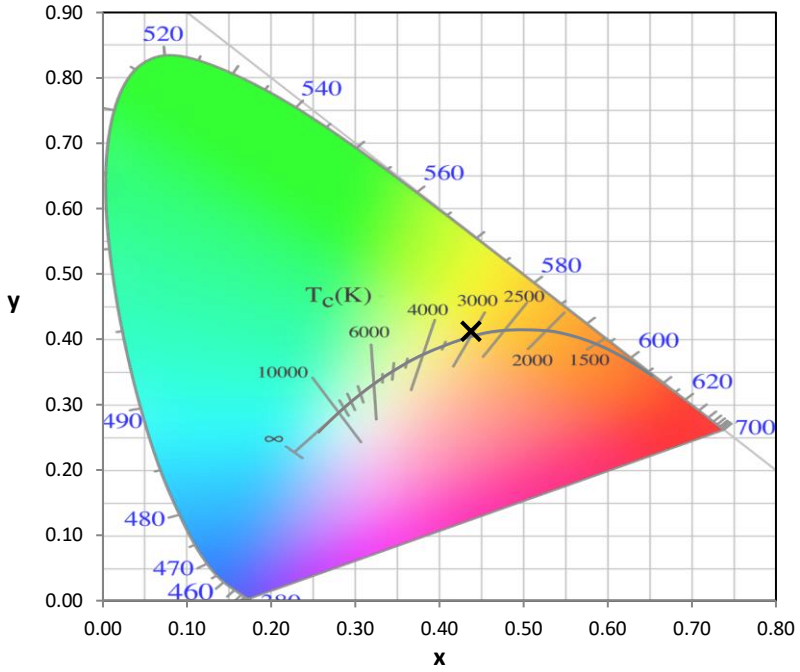
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

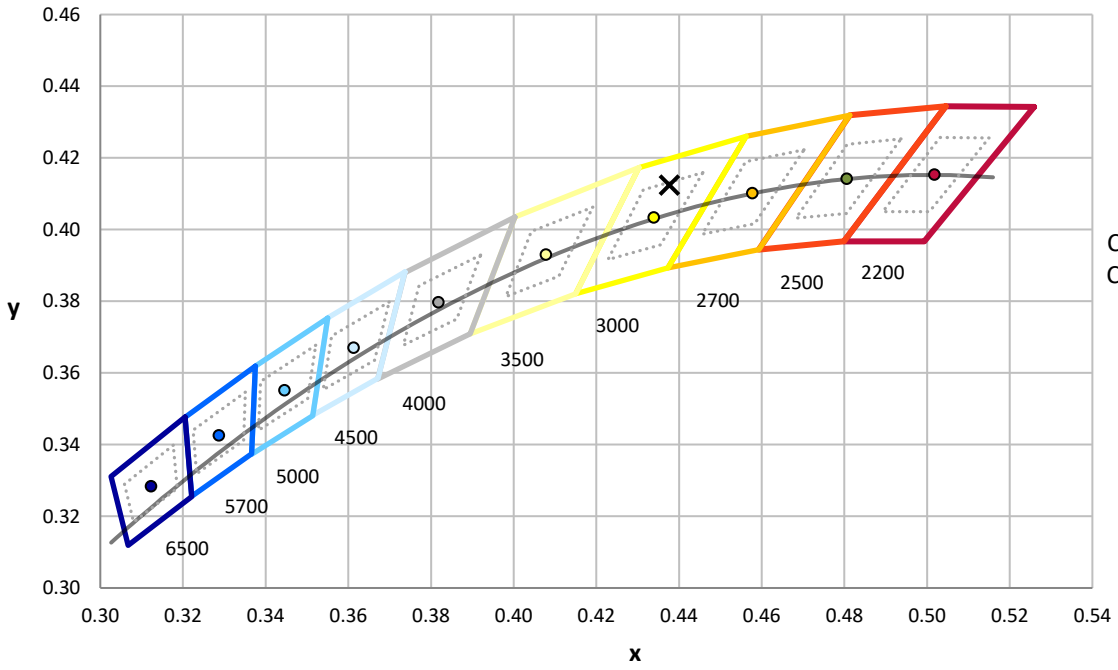
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

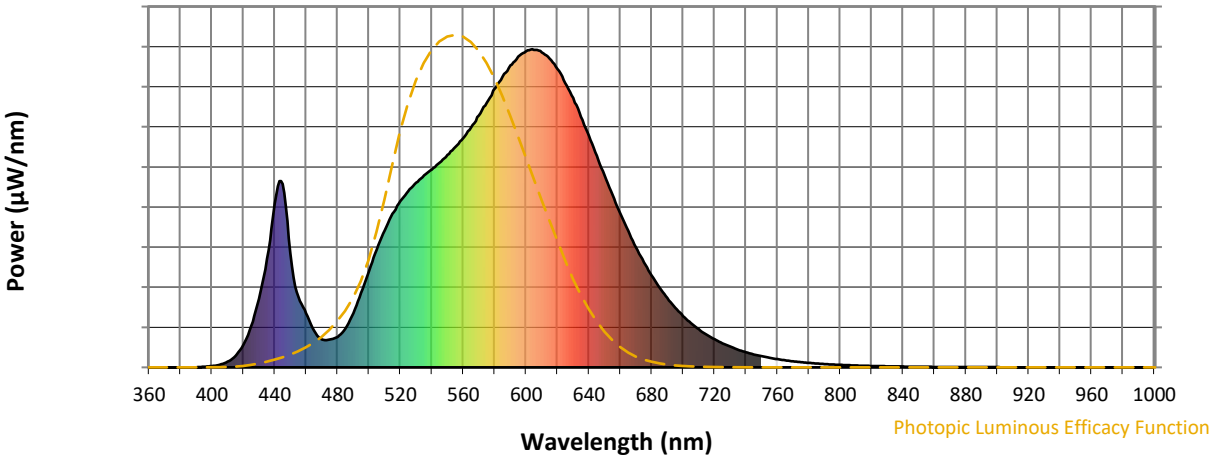


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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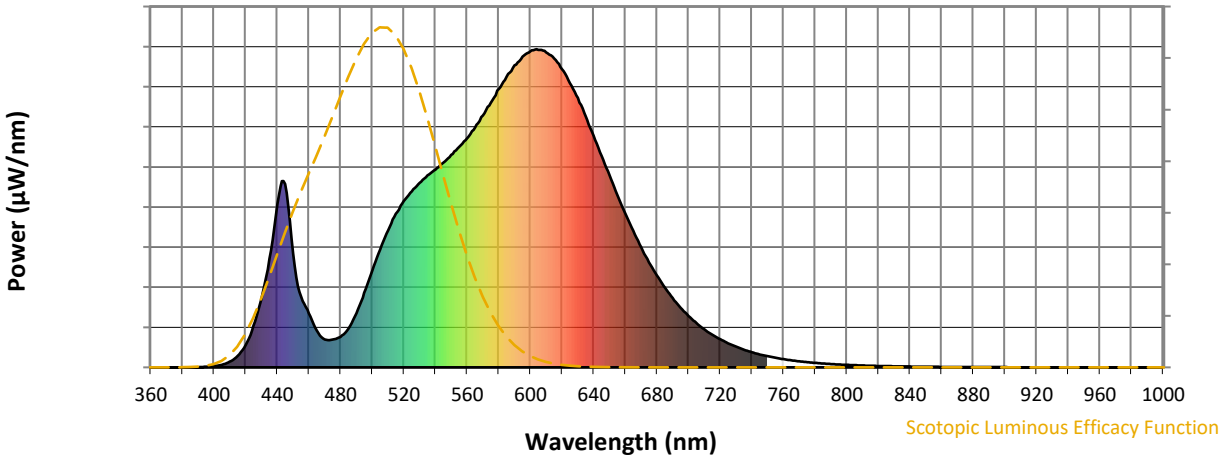
Scotopic Flux vs. Wavelength



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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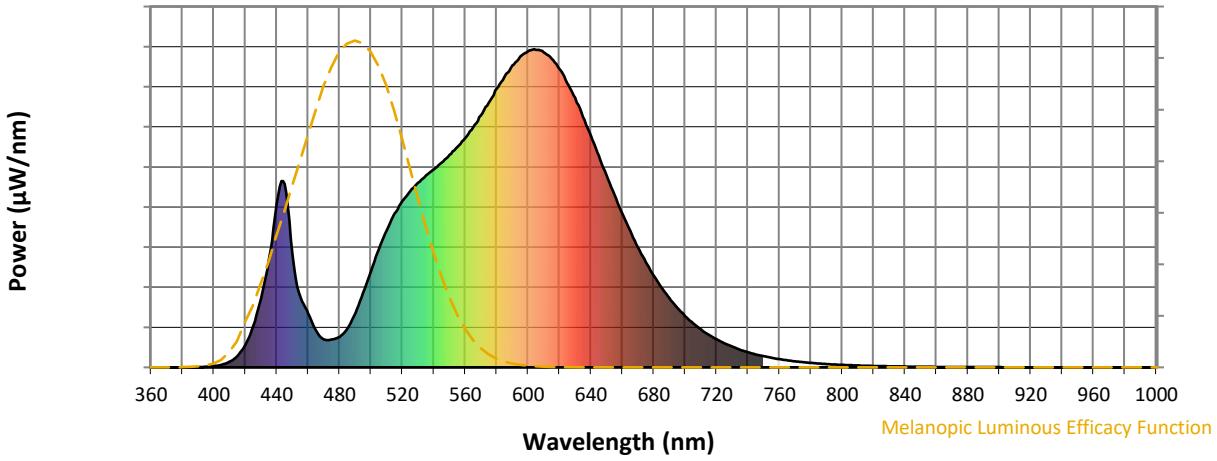
Melanopic Flux vs. Wavelength



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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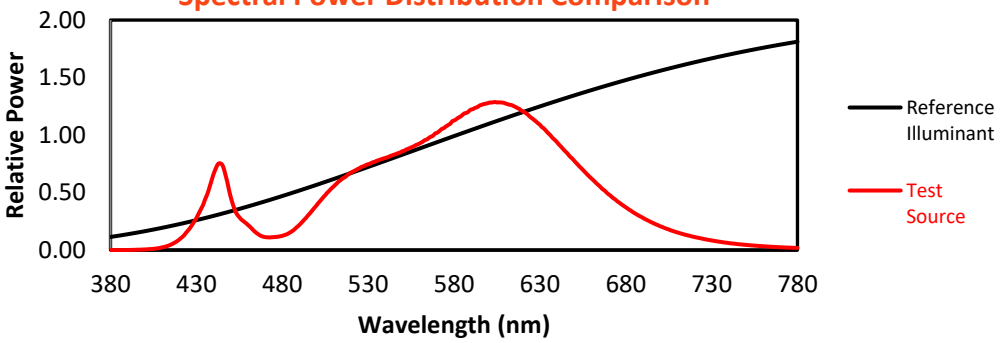
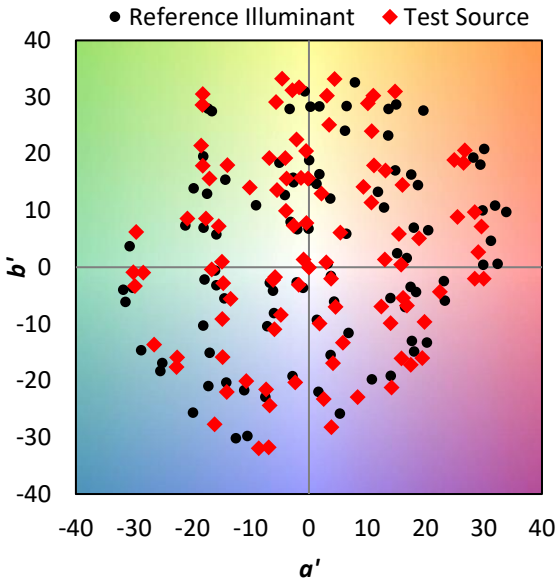
Summary

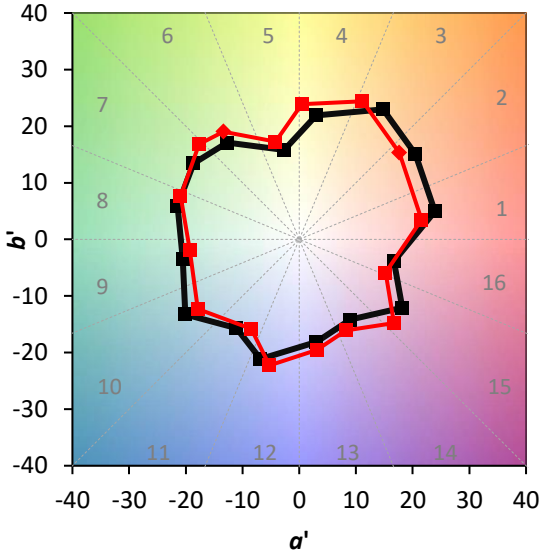
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

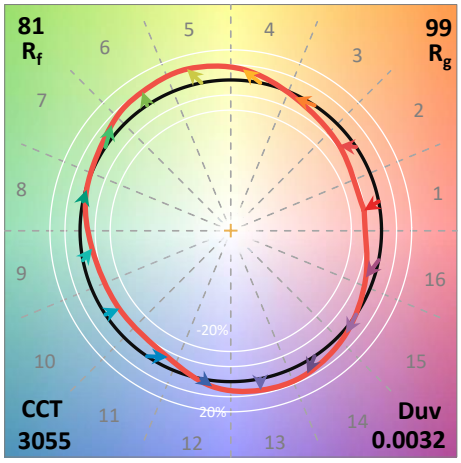
Spectral Power Distribution Comparison

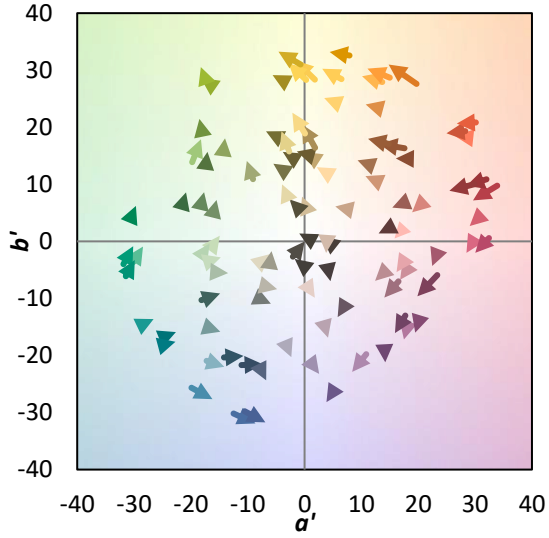


Color Vector Graphics









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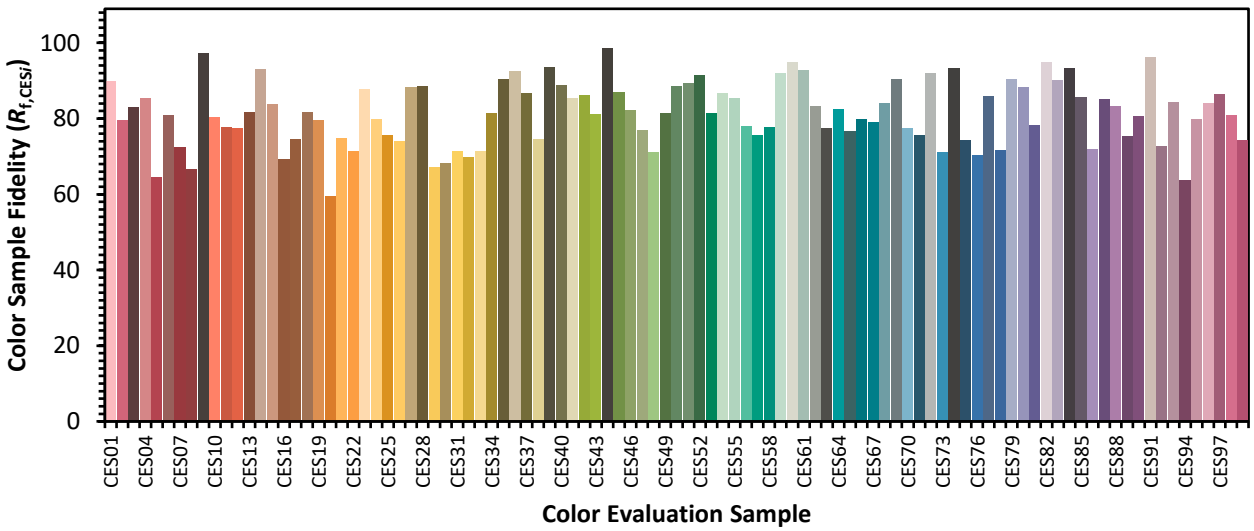
Individual Sample Fidelity Index ($R_{f,i}$)

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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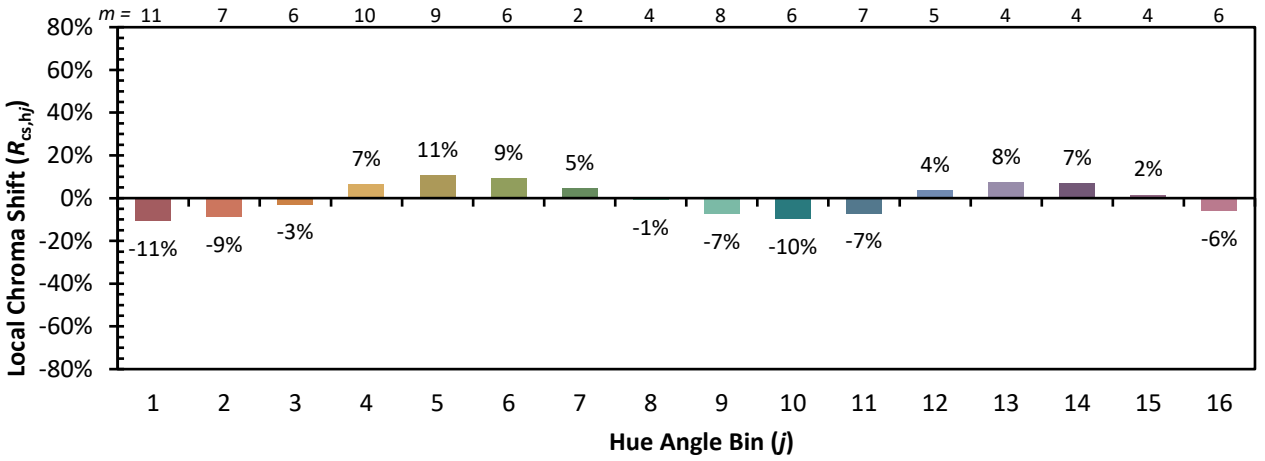
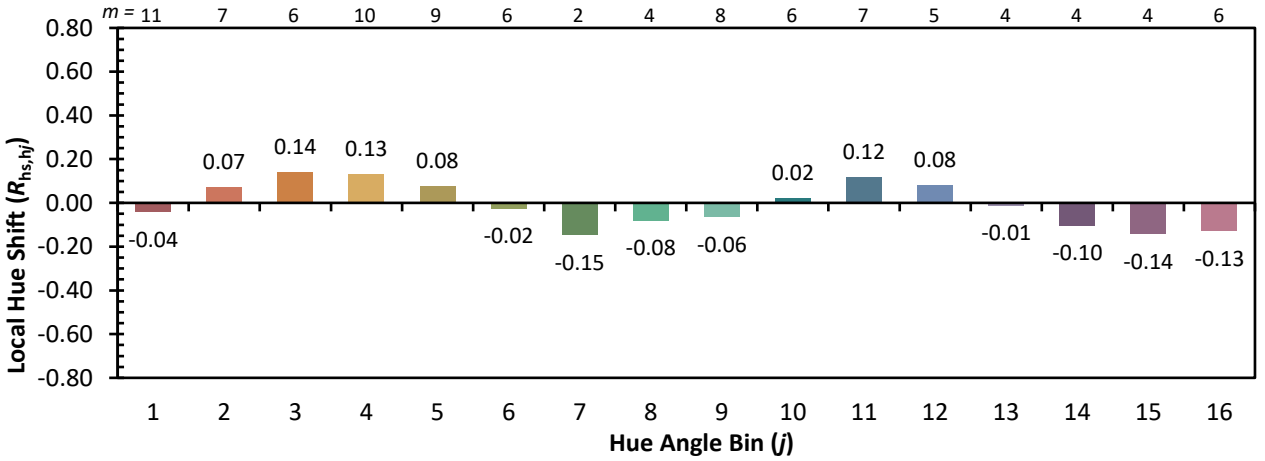
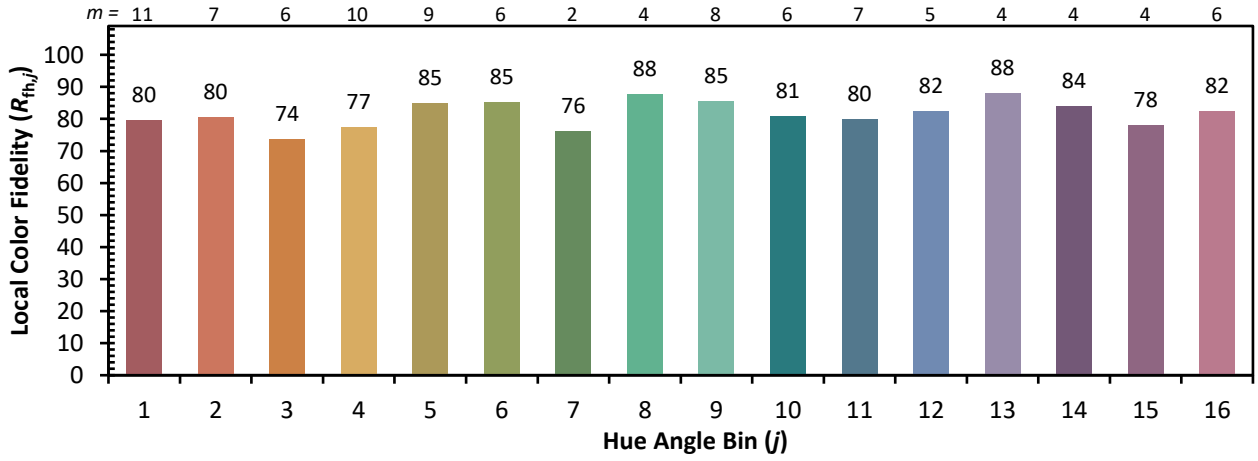
Color Rendition by Hue-Angle Bin







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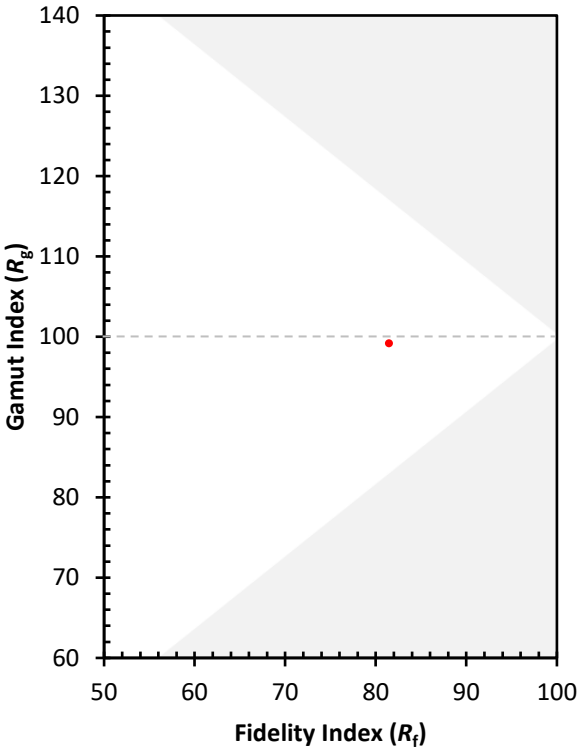
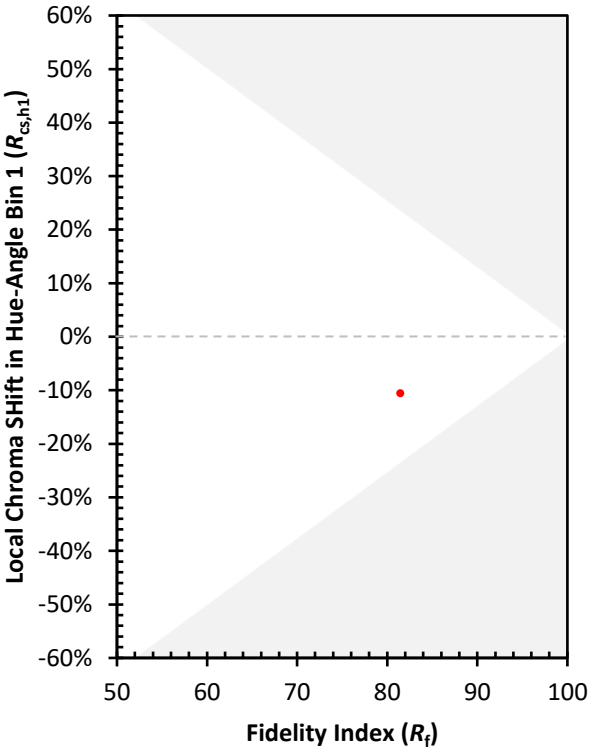
Measure Comparisons





(END OF REPORT)