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: P1456076

Luminaire Tested: GLAN-SB9B-830-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:	P1456076
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9B-830-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 9xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(234) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	44568.1 lumens
Efficiency:	N/A
Efficacy:	135.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B4 - U0 - G4

Input Watts (W):	329.5
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: P1456076
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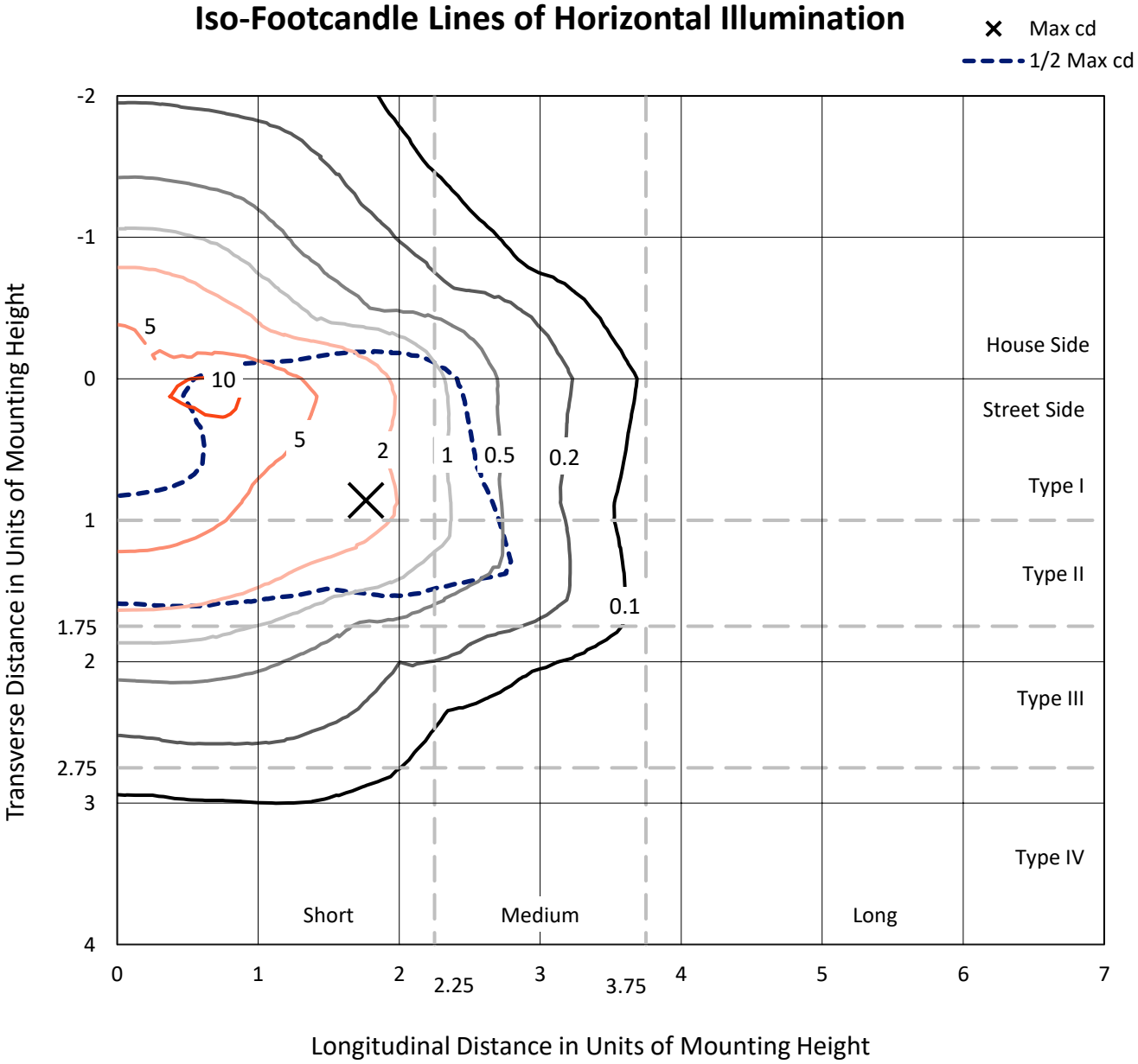
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 11.6 fc
Type II - Short - N/A

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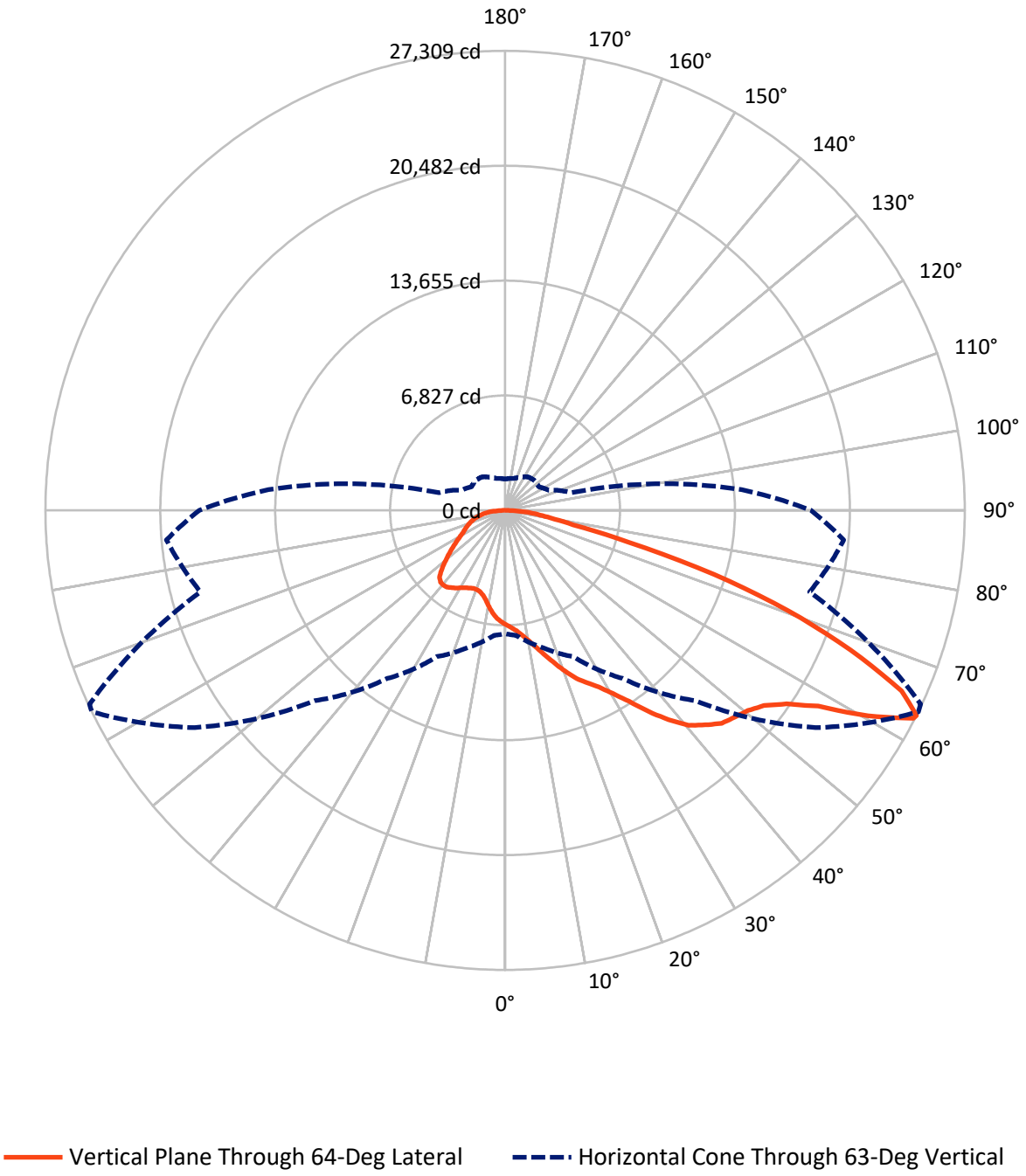
Luminous Intensity Polar Plot



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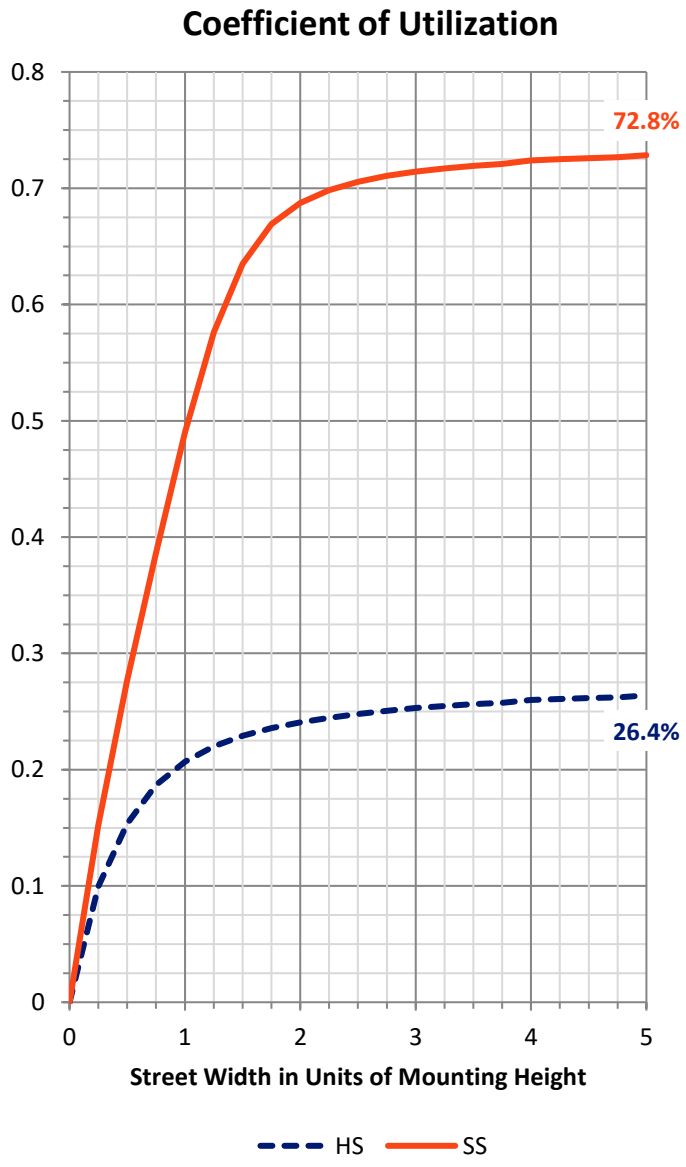
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11974.2	0.0	11974.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	32593.9	0.0	32593.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	44568.1	0.0	44568.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	623.2	1.4
10°-20°	1918.4	4.3
20°-30°	3508.1	7.9
30°-40°	6034.5	13.5
40°-50°	8899.3	20.0
50°-60°	10666.4	23.9
60°-70°	8560.8	19.2
70°-80°	3440.0	7.7
80°-90°	917.3	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°	44568.1	100.0
0°-180°	44568.1	100.0



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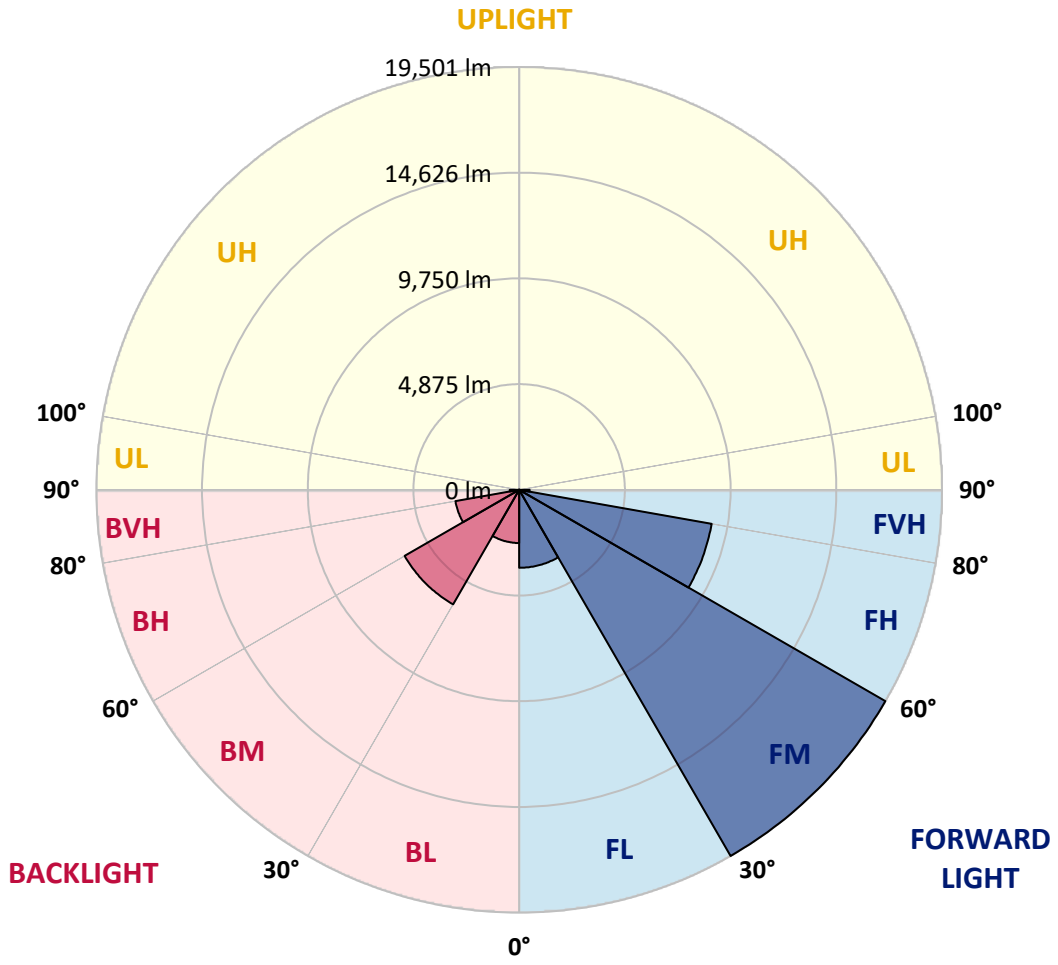
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3595.8	8.1			
FM	(30°-60°)	19500.9	43.8			
FH	(60°-80°)	9015.3	20.2			G4/12000
FVH	(80°-90°)	481.9	1.1			G3/500
BL	(0°-30°)	2453.9	5.5	B3/2500		
BM	(30°-60°)	6099.4	13.7	B4/8500		
BH	(60°-80°)	2985.5	6.7	B4/5000		G4/5000
BVH	(80°-90°)	435.3	1.0			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type II Short



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REPORT NUMBER: P1456076
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	6787.2	6787.2	6787.2	6787.2	6787.2	6787.2	6787.2	*6787.2*	6787.2	6787.2	6787.2
2.5°	7067.5	7077.5	7047.5	7037.5	7057.5	7017.5	7007.4	*6967.4*	6947.4	6907.3	6857.3
5°	7267.7	7277.7	7257.7	7257.7	7277.7	7247.7	7237.7	*7197.6*	7177.6	7137.6	7037.5
7.5°	7257.7	7267.7	7287.7	7367.8	7467.9	7508.0	7538.0	*7508.0*	7498.0	7437.9	7337.8
10°	7097.5	7107.6	7157.6	7277.7	7528.0	7708.2	7898.4	*7898.4*	7918.4	7868.4	7688.2
12.5°	6877.3	6887.3	7007.4	7197.6	7528.0	7838.3	8228.7	*8388.9*	8378.9	8348.9	8138.6
15°	6346.7	6346.7	6526.9	6887.3	7417.9	7928.4	8509.0	*8939.5*	8949.5	8979.5	8729.3
17.5°	5896.3	5906.3	6056.4	6376.8	7067.5	7878.4	8809.4	*9550.1*	9580.2	9750.4	9390.0
20°	5936.3	5936.3	5986.4	6126.5	6687.1	7678.2	8979.5	*10200.8*	10300.9	10701.4	10250.9
22.5°	6246.6	6246.6	6286.7	6276.7	6617.0	7548.0	9089.7	*10851.5*	11031.7	11862.6	11282.0
25°	6817.2	6807.2	6767.2	6707.1	6907.3	7688.2	9339.9	*11352.1*	11702.4	13144.0	12473.3
27.5°	7518.0	7498.0	7437.9	7337.8	7477.9	8108.6	9770.4	*11882.6*	12263.0	14545.5	13734.6
30°	8388.9	8328.8	8268.8	8138.6	8288.8	8799.3	10411.1	*12633.4*	12993.8	16137.1	15256.2
32.5°	9420.0	9490.1	9289.9	9109.7	9269.8	9740.3	11362.1	*13524.4*	13914.8	17798.9	16837.9
35°	10961.6	11171.9	11111.8	10200.8	10351.0	10871.5	12473.3	*14675.6*	15026.0	19310.5	18459.6
37.5°	12483.3	12433.2	12483.3	11722.5	11482.2	12112.9	13664.5	*15776.8*	16117.1	20541.8	19891.1
40°	13704.6	13854.7	13854.7	13234.1	12923.7	13344.2	14745.7	*16787.8*	17118.2	21222.5	20922.2
42.5°	15036.0	15056.0	15016.0	14475.4	14355.2	14465.4	15696.7	*17428.5*	17698.8	21572.9	21623.0
45°	16537.6	16527.6	16357.4	15906.9	15726.7	15626.6	16287.3	*18049.2*	18319.5	21733.1	22003.4
47.5°	17778.9	17828.9	17839.0	17358.4	17058.1	16627.7	16797.8	*18359.5*	18669.8	21552.9	22083.5
50°	17849.0	17929.0	18309.5	18449.6	18389.5	17698.8	17268.3	*18689.9*	19000.2	21592.9	22373.8
52.5°	17408.5	17488.6	17979.1	18559.7	19260.5	18930.1	18009.1	*19260.5*	19580.8	21983.4	23034.5
55°	16227.2	16357.4	17088.2	17899.0	19150.3	19620.8	19320.5	*20291.6*	20591.9	22293.7	23805.3
57.5°	14125.0	14285.2	15296.2	16587.6	18299.4	19460.7	21222.5	*21943.3*	22193.6	22513.9	23815.3
60°	10561.2	10691.4	12273.0	14014.9	16587.6	18459.6	22353.7	*24776.3*	24916.5	21322.7	22463.9
62.5°	7778.3	7908.4	8969.5	10220.9	13033.8	16617.7	22574.0	*27228.9*	27248.9	19170.4	20601.9
63°	*7327.8*	*7457.9*	*8418.9*	*9590.2*	*12193.0*	*15997.0*	*22503.9*	*27309.0*	*27238.9*	*18729.9*	*20191.4*
65°	5706.1	5936.3	6937.4	7828.3	9139.7	12733.5	21602.9	*25887.5*	25987.6	17428.5	18129.3
67.5°	3884.1	4054.3	5325.7	6356.8	6907.3	8108.6	17718.8	*22153.5*	22313.7	16077.1	14465.4
70°	3003.2	3083.3	3824.1	5035.3	5585.9	5155.5	11552.3	*17839.0*	17839.0	12553.3	10250.9
72.5°	2352.5	2382.5	2883.1	3934.2	4494.8	3964.2	6436.8	*12973.8*	12493.3	7447.9	6837.3
75°	1681.8	1721.8	2172.3	2933.1	3583.8	3123.3	4114.4	*7558.0*	7267.7	4284.6	4564.8
77.5°	1331.4	1351.4	1621.7	2162.3	2903.1	2382.5	3133.3	*4124.4*	4084.3	3013.2	2933.1
80°	1051.1	1091.2	1271.4	1551.6	2242.4	1862.0	2332.5	*2722.9*	2642.8	2072.2	1882.0
82.5°	750.8	820.9	981.0	1181.3	1661.8	1331.4	1531.6	*1922.0*	1922.0	1561.7	1241.3
85°	460.5	520.6	580.6	730.8	1181.3	860.9	810.9	*1241.3*	1271.4	1171.2	800.9
87.5°	220.2	240.3	280.3	310.3	430.5	390.4	320.3	*470.5*	480.5	520.6	330.4
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: P1456076
CATALOG NUMBER: GLAN-SB9B-830-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6787.2	6787.2	6787.2	6787.2	6787.2	6787.2	6787.2	6787.2	6787.2	6787.2	6787.2
2.5°	6847.3	6827.3	6727.1	6627.0	6516.9	6416.8	6316.7	6236.6	6146.5	6166.6	6176.6
5°	6977.4	6927.4	6707.1	6446.8	6106.5	5786.1	5475.8	5255.6	5115.4	5075.4	4995.3
7.5°	7257.7	7137.6	6737.2	6186.6	5555.9	5055.4	4765.1	4634.9	4594.9	4604.9	4584.9
10°	7578.1	7397.9	6777.2	5876.2	5075.4	4735.0	4695.0	4775.1	4815.1	4855.2	4865.2
12.5°	7998.5	7708.2	6757.2	5535.9	4845.1	4785.1	4935.2	5085.4	5175.5	5235.6	5225.6
15°	8489.0	8098.6	6697.1	5255.6	4815.1	4975.3	5165.5	5335.7	5445.8	5505.8	5475.8
17.5°	9079.6	8559.1	6627.0	5075.4	4905.2	5095.4	5295.6	5465.8	5585.9	5626.0	5595.9
20°	9810.4	9079.6	6506.9	4995.3	4975.3	5145.5	5325.7	5485.8	5585.9	5626.0	5585.9
22.5°	10671.3	9700.3	6406.8	4995.3	5005.3	5145.5	5275.6	5395.7	5485.8	5515.9	5465.8
25°	11772.5	10421.1	6366.8	5075.4	5015.3	5095.4	5165.5	5235.6	5285.6	5305.6	5285.6
27.5°	12893.7	11252.0	6386.8	5175.5	5005.3	5025.3	5025.3	5035.3	5045.4	5055.4	5045.4
30°	14185.1	12092.8	6466.9	5305.6	5025.3	4925.2	4895.2	4835.1	4785.1	4745.0	4705.0
32.5°	15436.4	12893.7	6607.0	5495.8	5005.3	4815.1	4755.1	4604.9	4464.7	4344.6	4344.6
35°	16787.8	13724.6	6857.3	5636.0	4985.3	4715.0	4544.8	4374.6	4224.5	4054.3	4054.3
37.5°	17949.1	14435.3	7057.5	5796.2	4965.3	4594.9	4324.6	4134.4	3974.2	3804.0	3784.0
40°	18759.9	14845.8	7177.6	5856.2	4895.2	4434.7	4114.4	3874.1	3643.9	3413.6	3403.6
42.5°	19150.3	14825.7	7107.6	5836.2	4765.1	4234.5	3934.2	3613.8	3303.5	3093.3	3073.3
45°	19360.6	14695.6	6837.3	5666.0	4554.8	4024.3	3703.9	3363.6	3053.2	2863.0	2823.0
47.5°	19320.5	14375.3	6466.9	5245.6	4274.5	3794.0	3473.7	3123.3	2873.1	2762.9	2762.9
50°	19430.6	14125.0	6046.4	4765.1	3894.1	3523.7	3263.5	2943.1	2793.0	2652.8	2602.8
52.5°	19921.2	14335.2	5686.0	4314.6	3533.8	3263.5	3083.3	2813.0	2622.8	2532.7	2502.7
55°	20571.9	14785.7	5345.7	3914.2	3183.4	3033.2	2943.1	2692.9	2472.6	2382.5	2332.5
57.5°	20692.0	15096.0	5015.3	3523.7	2893.1	2853.0	2823.0	2482.6	2302.4	2232.4	2192.3
60°	19861.1	14865.8	4584.9	3173.4	2662.8	2682.8	2602.8	2352.5	2142.3	2072.2	2032.2
62.5°	18449.6	14265.2	4154.4	2873.1	2482.6	2522.7	2442.6	2192.3	1982.1	1912.0	1892.0
63°	*18169.3*	*14105.0*	*4054.3*	*2843.0*	*2442.6*	*2492.6*	*2422.6*	*2172.3*	*1962.1*	*1892.0*	*1862.0*
65°	16497.5	13144.0	3703.9	2682.8	2312.5	2312.5	2322.5	2072.2	1892.0	1862.0	1842.0
67.5°	13454.3	10971.7	3323.5	2492.6	2172.3	2202.3	2252.4	2112.2	2042.2	2022.1	2002.1
70°	10170.8	8258.8	2993.2	2312.5	2022.1	2122.3	2462.6	2402.6	2142.3	1962.1	1922.0
72.5°	7207.7	5626.0	2702.9	2132.3	1842.0	2092.2	2552.7	2292.4	1932.1	1721.8	1681.8
75°	4825.1	3623.8	2412.6	1942.1	1641.7	1932.1	2412.6	2092.2	1681.8	1631.7	1571.7
77.5°	3033.2	2582.7	2122.3	1721.8	1421.5	1721.8	2192.3	1862.0	1451.5	1471.6	1381.5
80°	1852.0	1842.0	1781.9	1461.6	1141.2	1371.5	1842.0	1571.7	1161.2	1161.2	1031.1
82.5°	1101.2	1331.4	1511.6	1211.3	830.9	981.0	1331.4	1181.3	971.0	941.0	880.9
85°	740.8	901.0	1201.3	931.0	530.6	600.6	921.0	991.1	890.9	780.8	730.8
87.5°	270.3	360.4	550.6	380.4	230.2	360.4	690.7	720.8	540.6	420.4	380.4
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

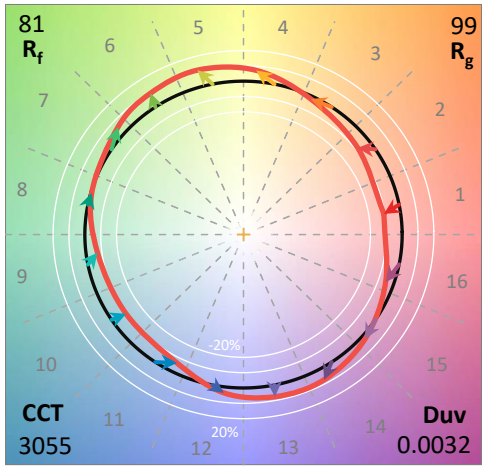
Test Information

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

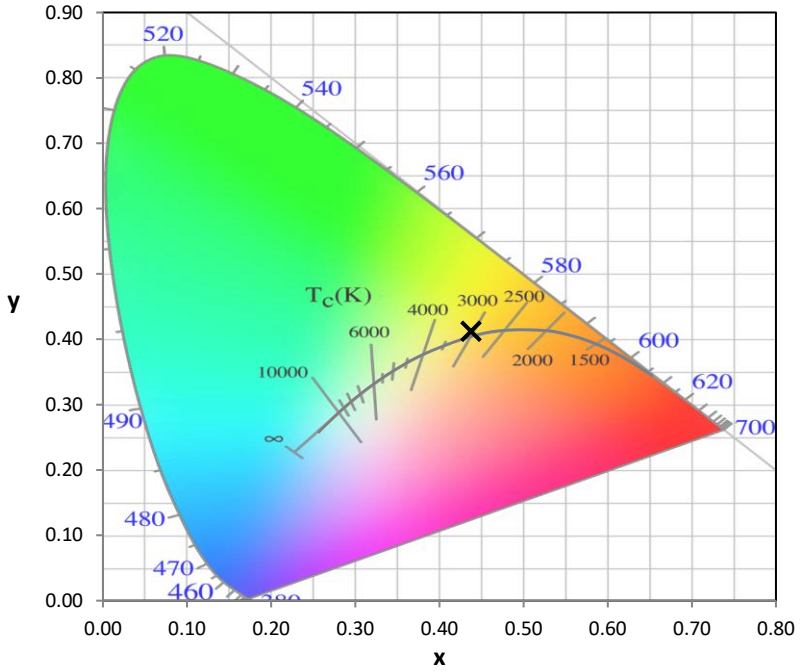
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

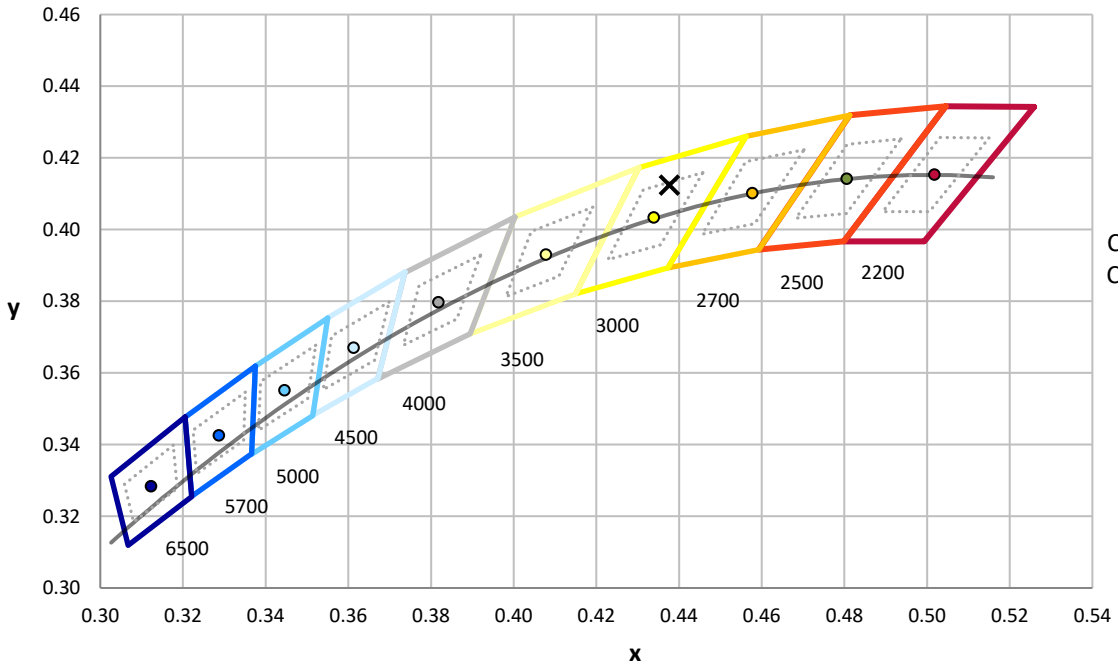
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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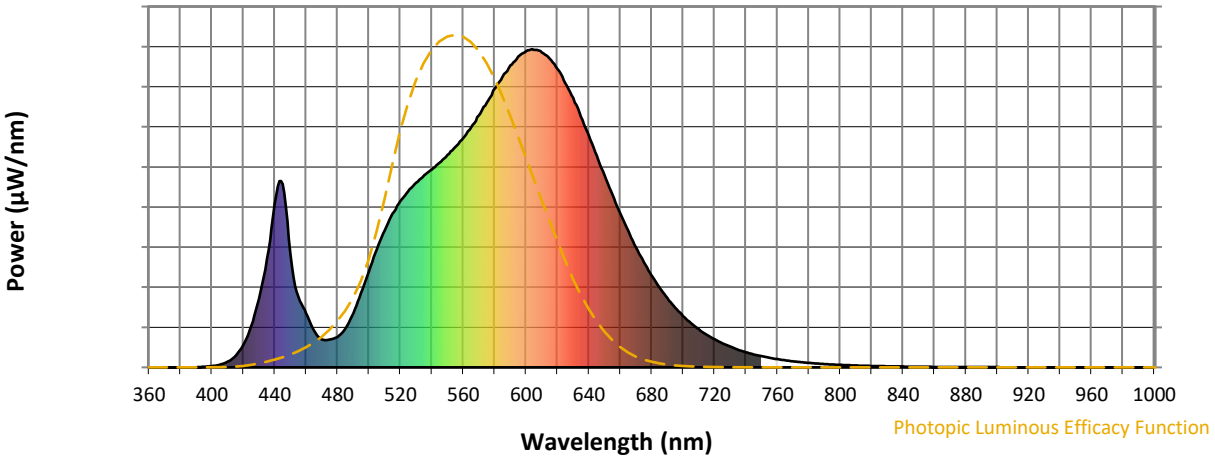
Photopic Flux vs. Wavelength



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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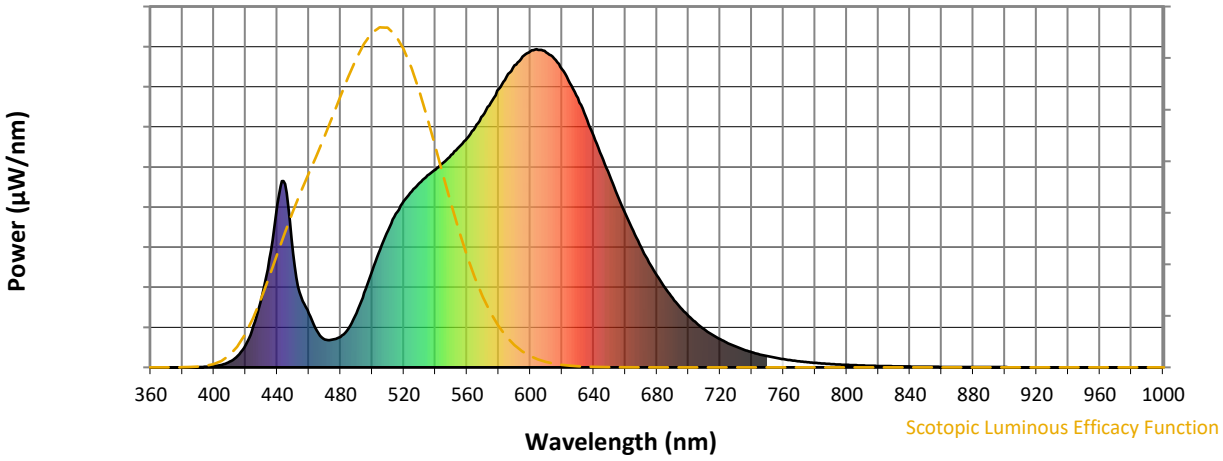
Scotopic Flux vs. Wavelength



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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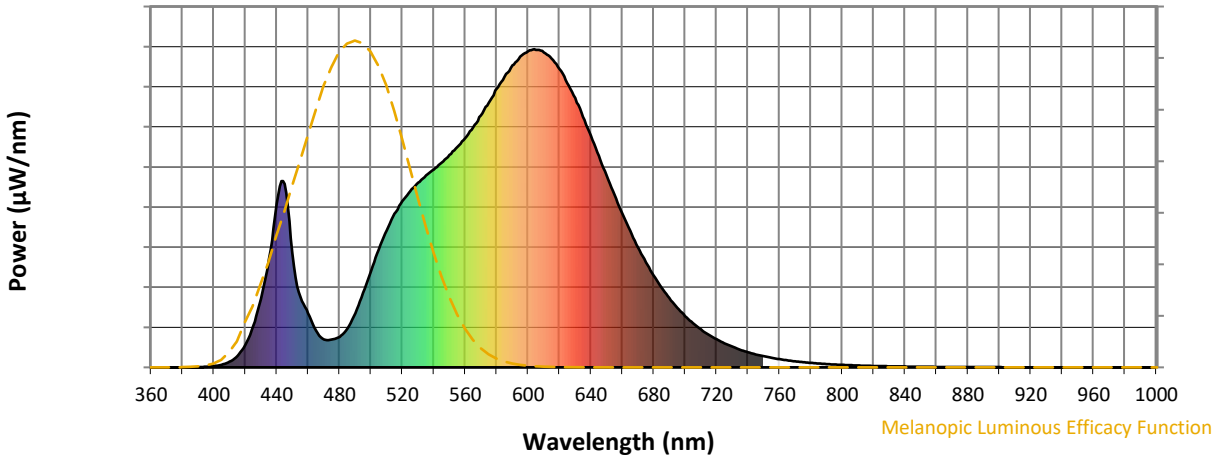
Melanopic Flux vs. Wavelength



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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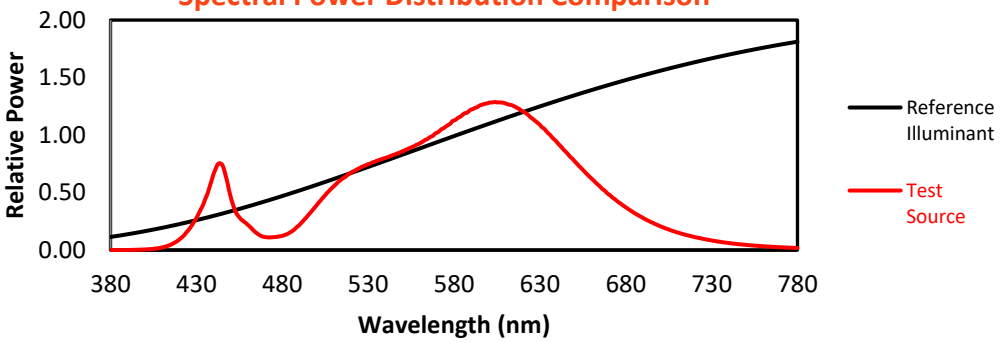
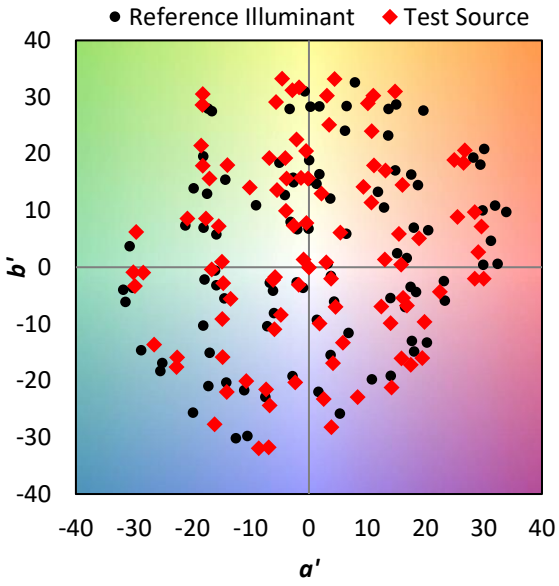
Summary

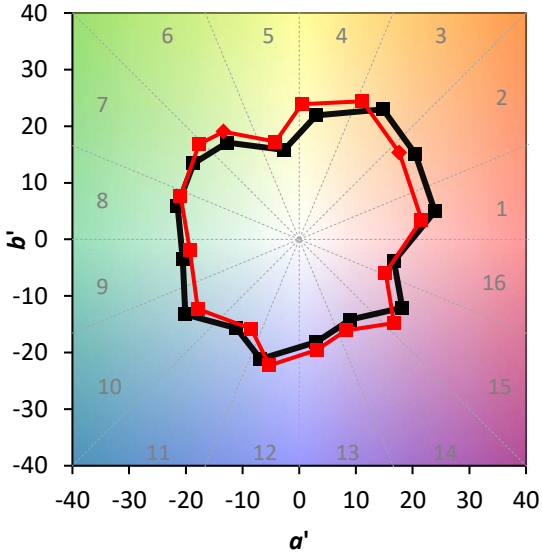
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

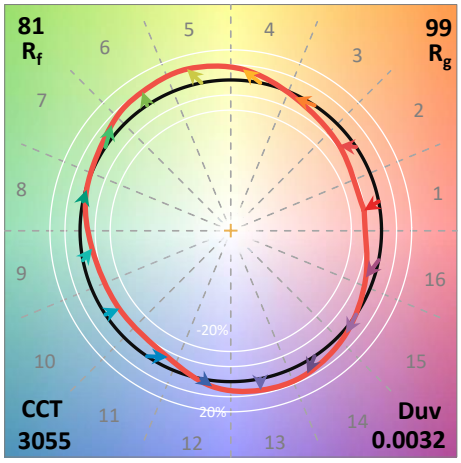
Spectral Power Distribution Comparison

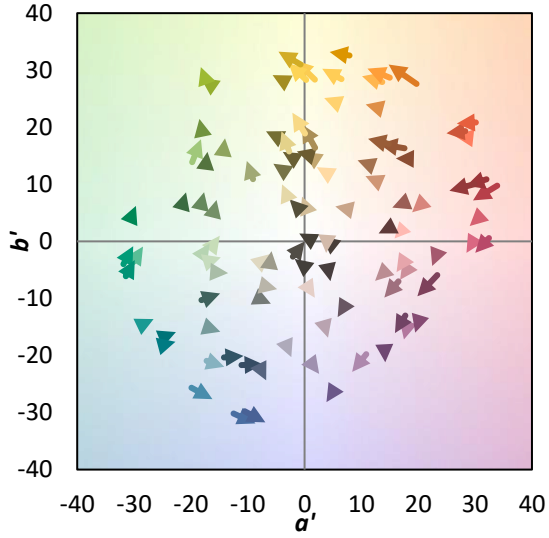


Color Vector Graphics









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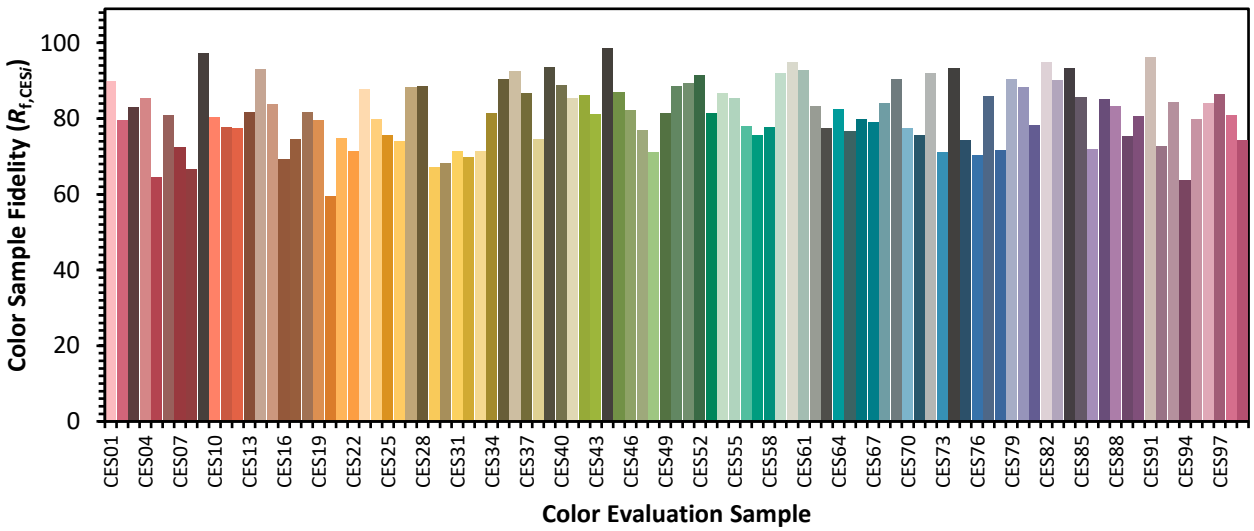
Individual Sample Fidelity Index ($R_{f,i}$)

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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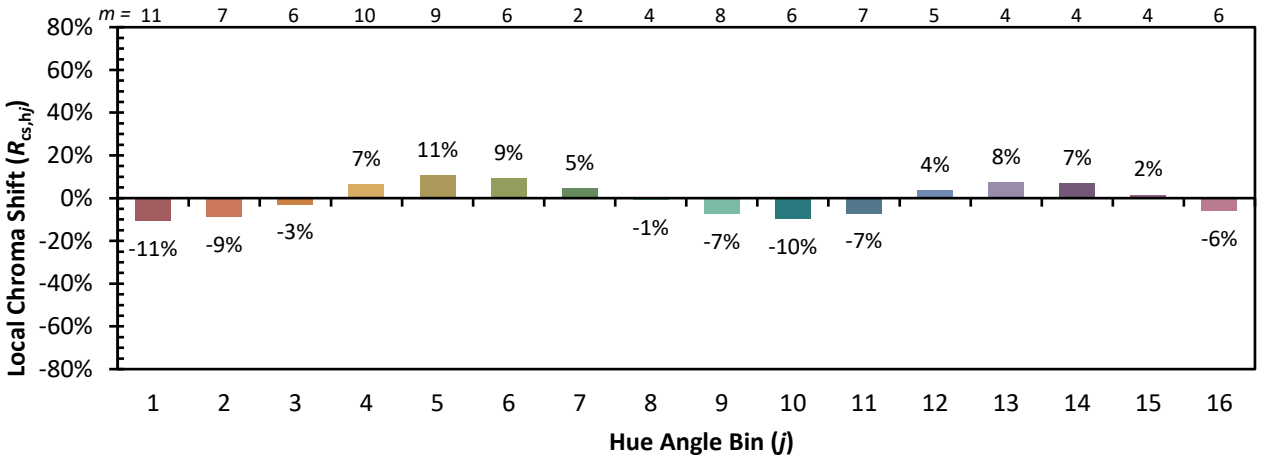
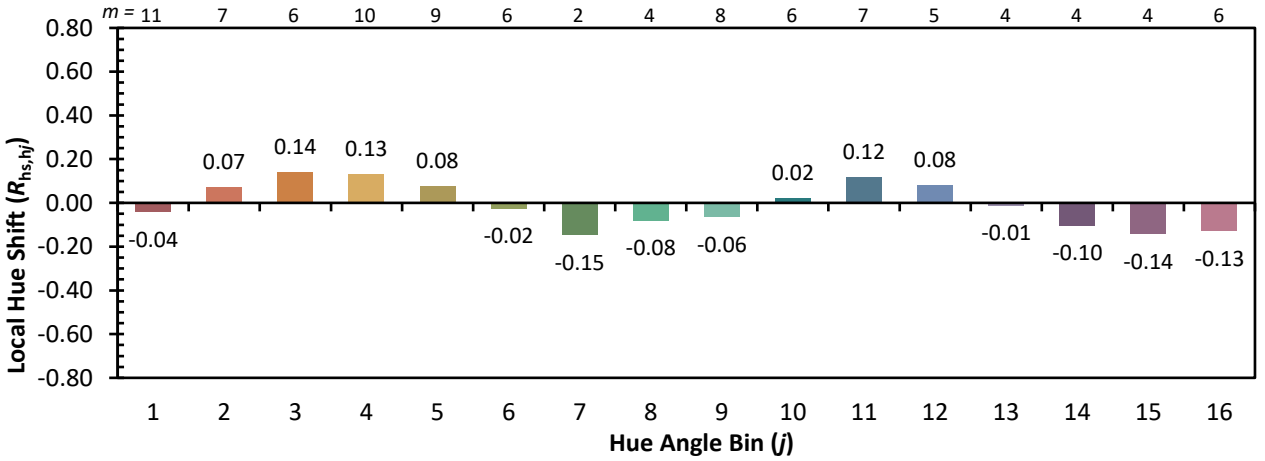
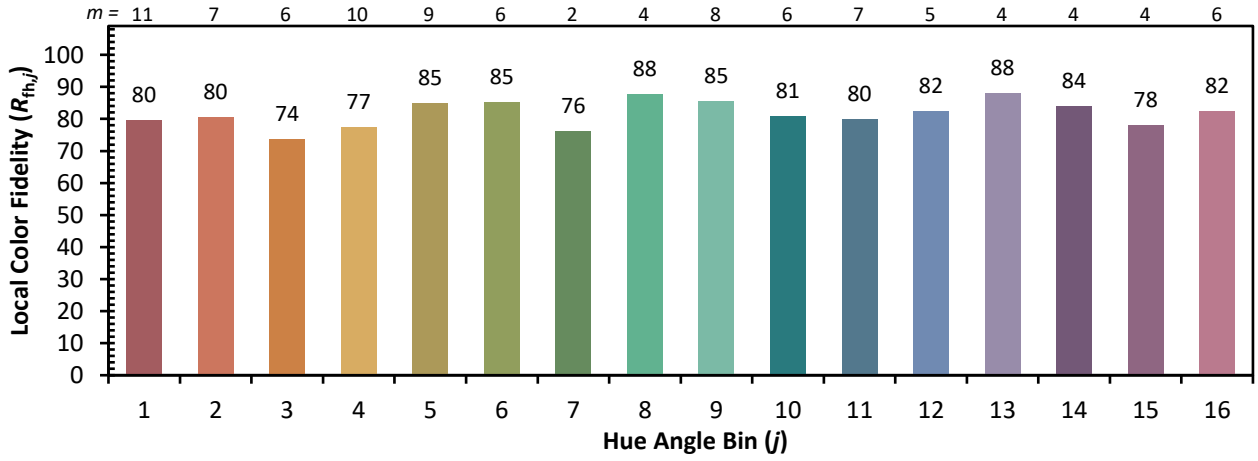
Color Rendition by Hue-Angle Bin







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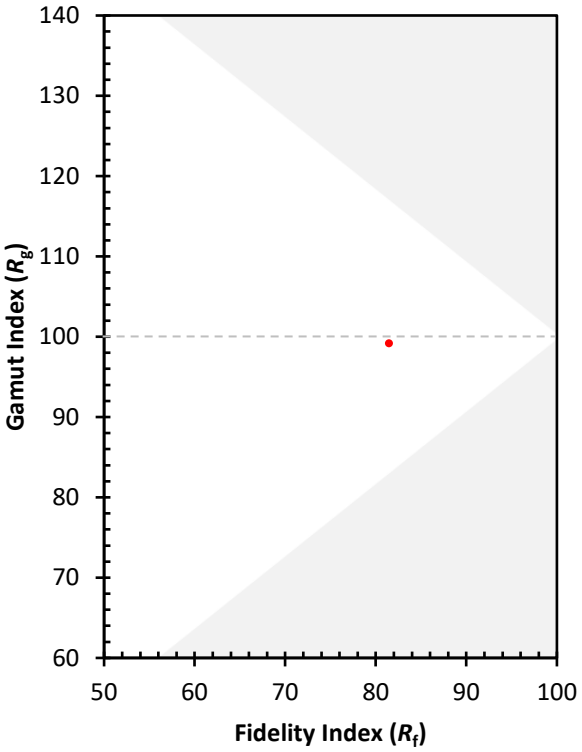
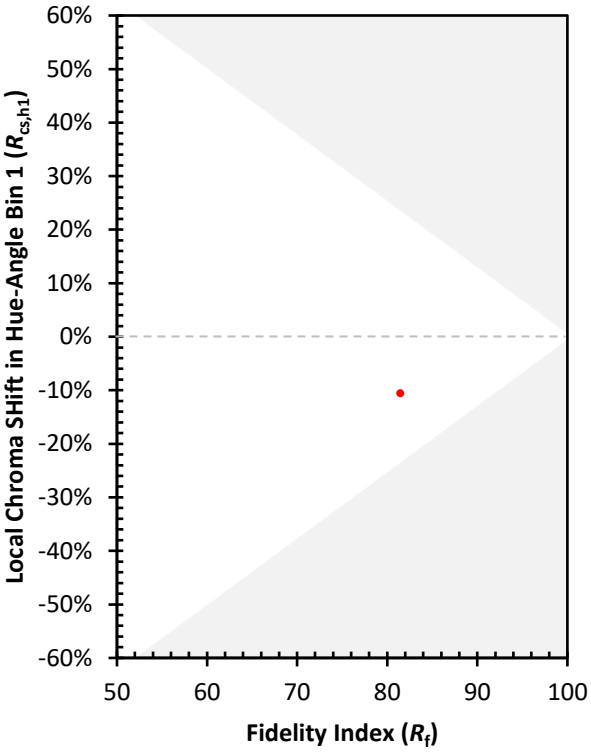
Measure Comparisons





(END OF REPORT)