Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1456632

Luminaire Tested: GLAN-SB4B-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:	P1456632
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-830-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19772.3 lumens
Efficiency:	N/A
Efficacy:	134.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	147
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: P1456632
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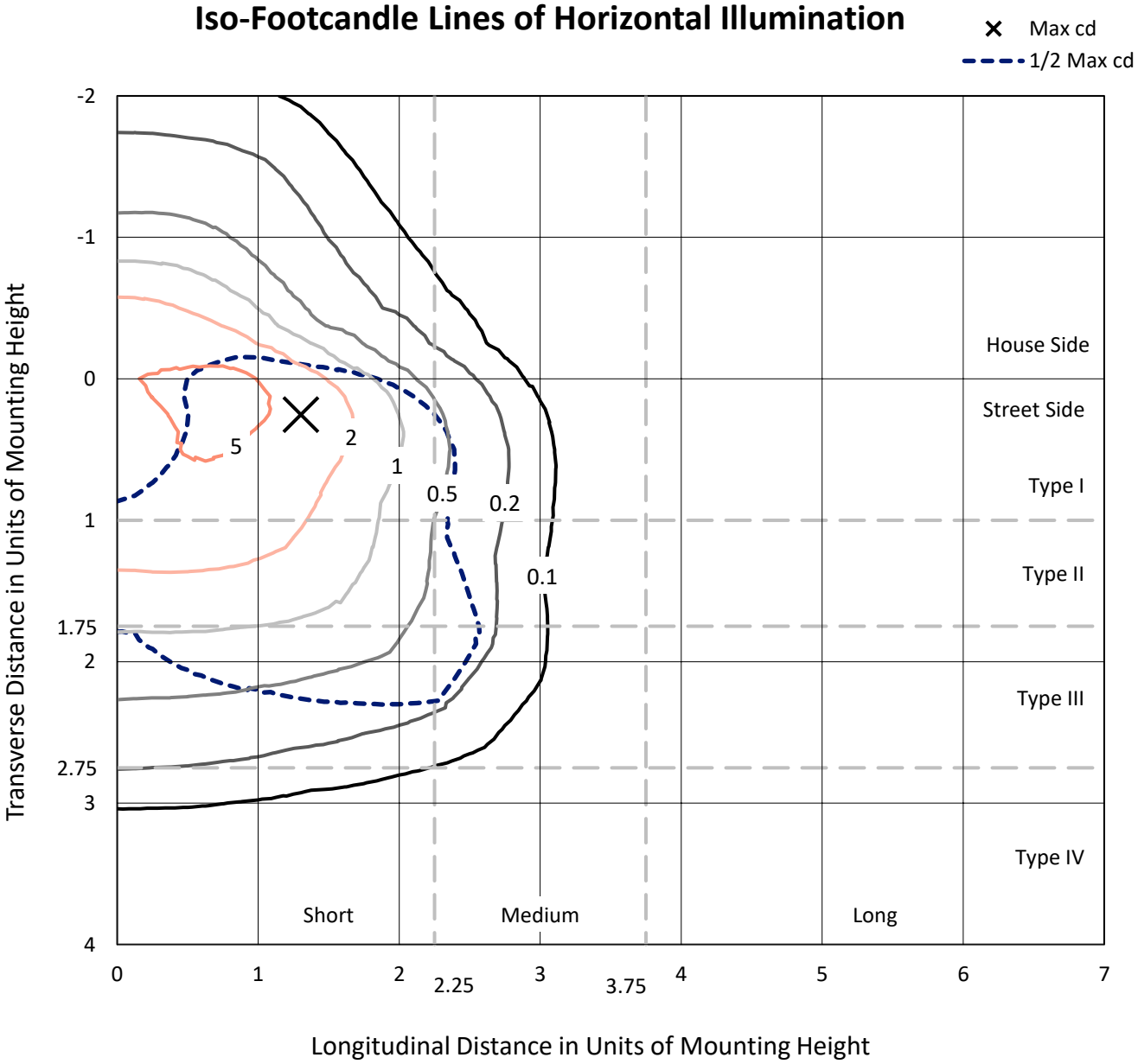
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.2 fc
Type III - Short - N/A

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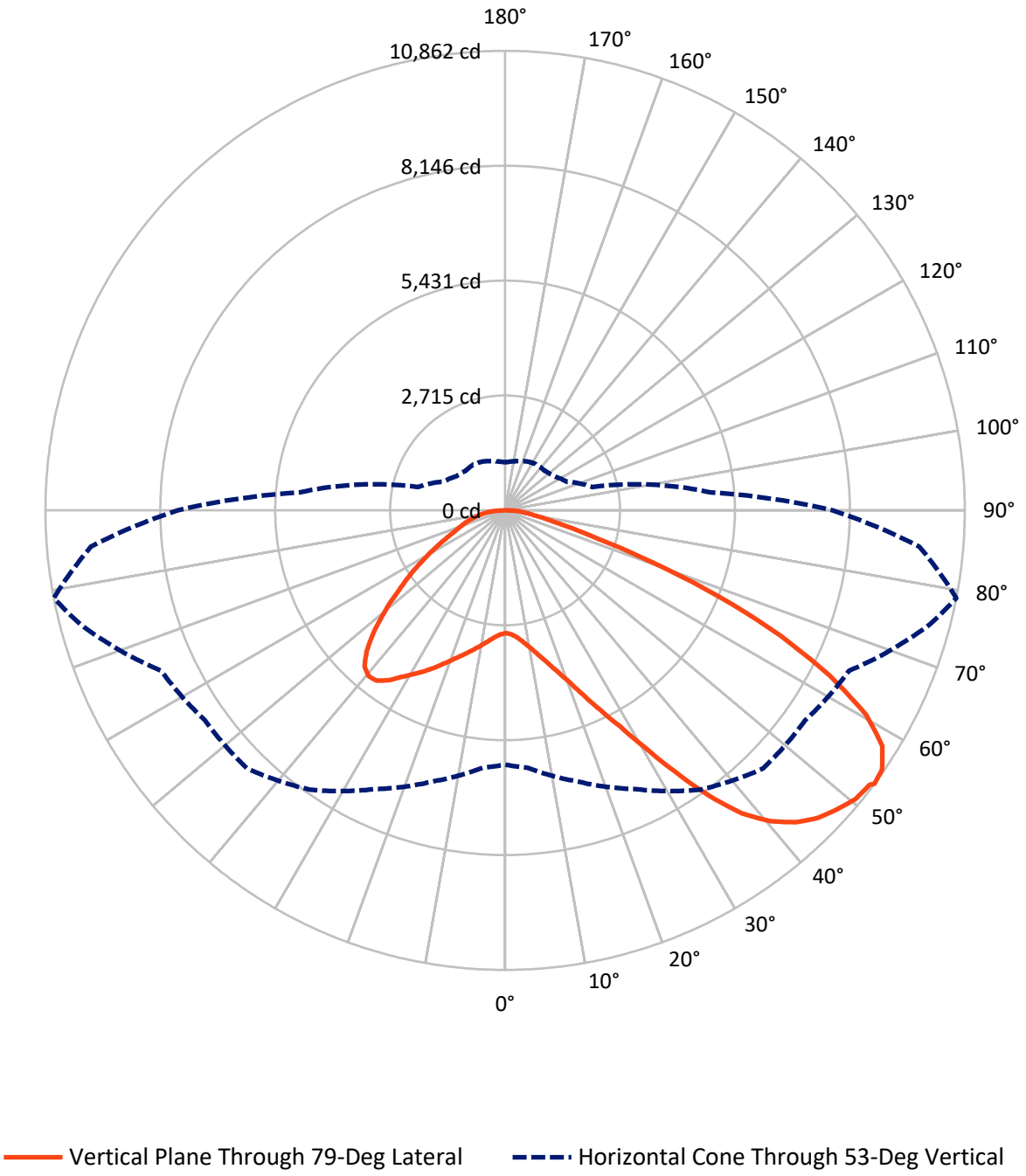
Luminous Intensity Polar Plot



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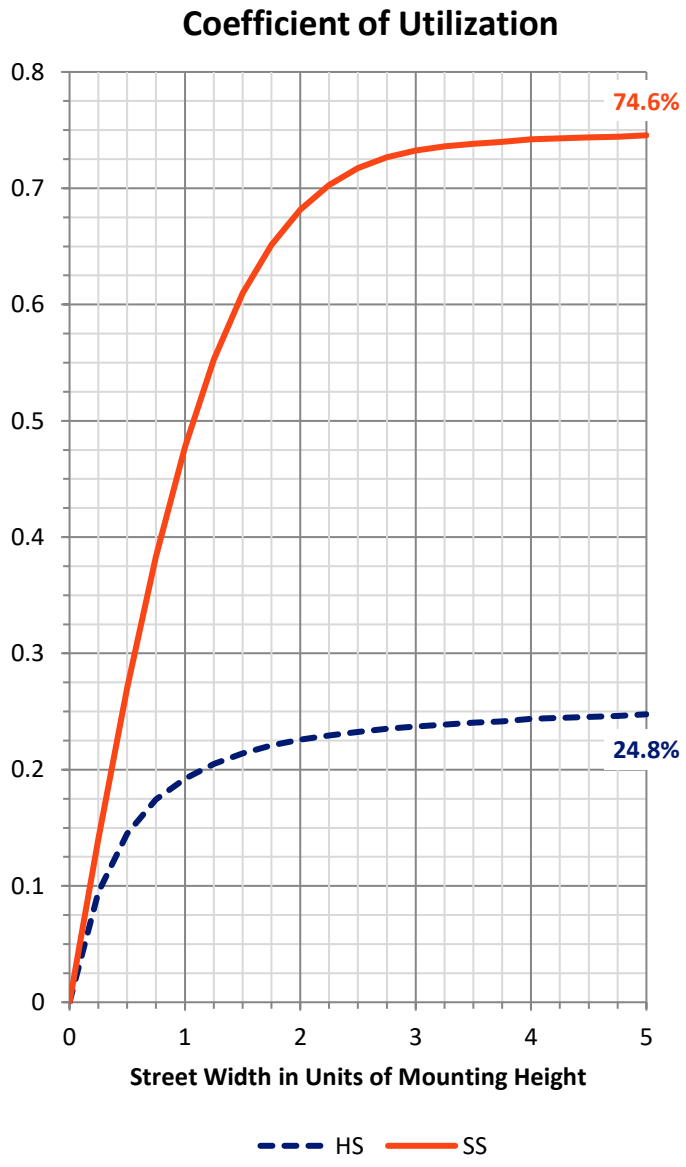
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4984.5	0.0	4984.5
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	14787.8	0.0	14787.8
	% Fixture	74.8	0.0	74.8
Total	Lumens	19772.3	0.0	19772.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	276.6	1.4
10°-20°	856.4	4.3
20°-30°	1637.5	8.3
30°-40°	2811.4	14.2
40°-50°	3937.9	19.9
50°-60°	4469.0	22.6
60°-70°	3919.1	19.8
70°-80°	1532.4	7.8
80°-90°	332.0	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°	19772.3	100.0
0°-180°	19772.3	100.0



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REPORT NUMBER: P1456632
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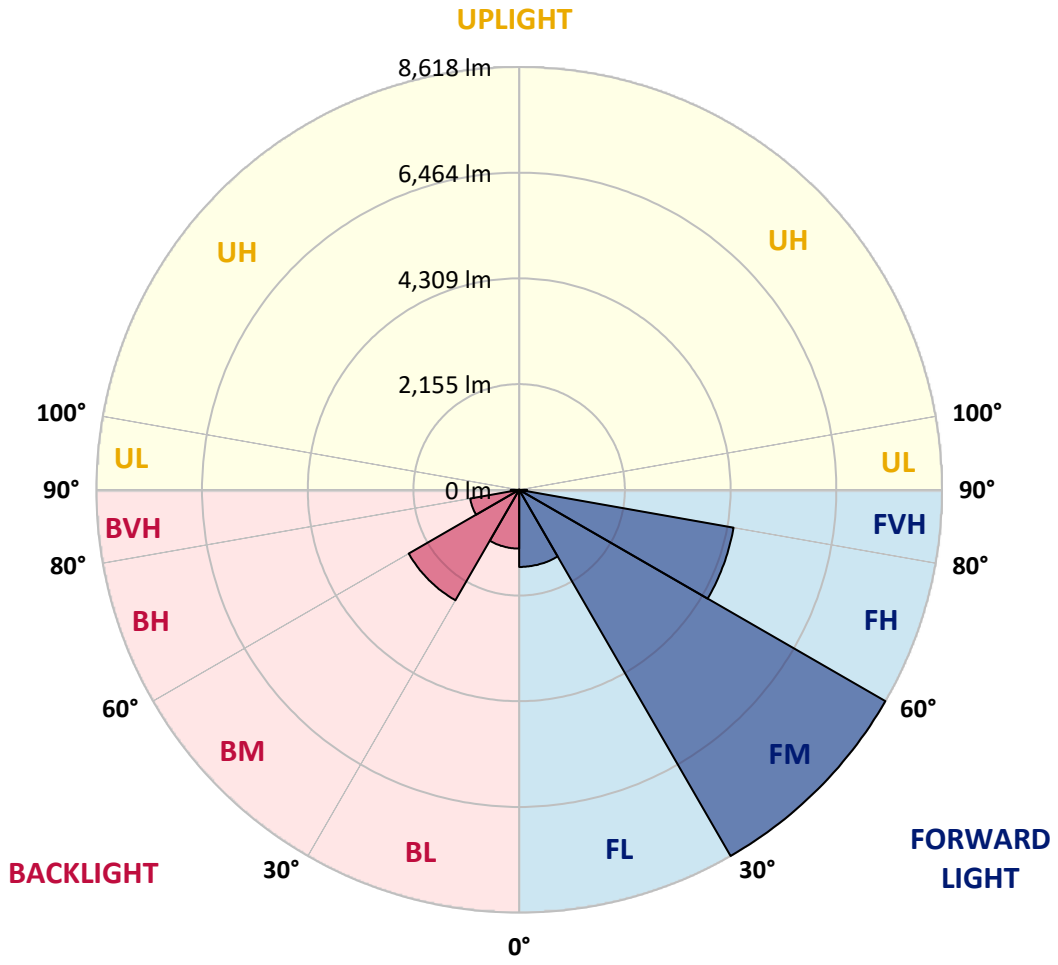
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1571.7	7.9			
FM	(30°-60°)	8618.0	43.6			
FH	(60°-80°)	4437.1	22.4			G2/5000
FVH	(80°-90°)	161.0	0.8			G2/225
BL	(0°-30°)	1198.8	6.1	B3/2500		
BM	(30°-60°)	2600.3	13.2	B3/5000		
BH	(60°-80°)	1014.4	5.1	B3/2500		G3/2500
BVH	(80°-90°)	171.0	0.9			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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REPORT NUMBER: P1456632
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2902.6	2902.6	2902.6	2902.6	2902.6	2902.6	2902.6	2902.6	2902.6	*2902.6*	2902.6
2.5°	2907.0	2907.0	2889.4	2907.0	2898.2	2911.4	2920.2	2920.2	2937.9	*2933.5*	2933.5
5°	2858.6	2849.8	2845.4	2876.2	2893.8	2929.1	2968.7	2986.3	3017.1	*3017.1*	3021.5
7.5°	2730.8	2726.4	2748.5	2810.1	2867.4	2955.5	3039.2	3087.6	3136.1	*3144.9*	3144.9
10°	2651.6	2647.2	2673.6	2748.5	2841.0	2968.7	3100.8	3202.1	3281.4	*3303.4*	3303.4
12.5°	2651.6	2651.6	2673.6	2748.5	2845.4	2999.5	3180.1	3351.9	3475.2	*3501.6*	3492.8
15°	2726.4	2722.0	2748.5	2827.7	2920.2	3065.6	3285.8	3514.9	3682.2	*3730.7*	3735.1
17.5°	2805.7	2801.3	2841.0	2942.3	3052.4	3197.7	3422.4	3704.3	3942.1	*4003.8*	4017.0
20°	2929.1	2924.6	2973.1	3070.0	3206.5	3373.9	3607.4	3928.9	4259.2	*4325.3*	4342.9
22.5°	3070.0	3074.4	3127.3	3246.2	3382.7	3603.0	3889.3	4246.0	4642.4	*4743.7*	4761.4
25°	3365.1	3351.9	3395.9	3479.6	3625.0	3889.3	4241.6	4629.2	5100.5	*5223.8*	5245.9
27.5°	3757.1	3735.1	3783.5	3867.2	3972.9	4219.6	4624.8	5056.5	5624.7	*5778.8*	5783.2
30°	4109.5	4096.3	4162.3	4334.1	4444.2	4633.6	5065.3	5558.6	6272.1	*6496.8*	6505.6
32.5°	4413.4	4409.0	4532.3	4752.6	5003.6	5206.2	5624.7	6192.9	7091.4	*7351.3*	7294.0
35°	4704.1	4717.3	4871.5	5100.5	5435.3	5840.5	6263.3	6910.8	7954.7	*8267.4*	8174.9
37.5°	4999.2	5008.0	5210.6	5505.7	5858.1	6386.7	6954.8	7690.4	8703.5	*9091.1*	8888.5
40°	5272.3	5298.7	5571.8	5888.9	6347.0	6884.4	7518.6	8232.2	9280.5	*9663.7*	9443.4
42.5°	5545.4	5585.0	5880.1	6316.2	6805.1	7364.5	7910.6	8562.5	9650.5	*10077.7*	9738.5
45°	5827.3	5853.7	6219.3	6673.0	7227.9	7743.3	8135.3	8773.9	9905.9	*10368.4*	9905.9
47.5°	6016.7	6069.5	6470.3	6994.5	7549.5	8034.0	8315.9	8862.0	10068.9	*10557.8*	9967.6
50°	6091.5	6166.4	6598.1	7179.5	7813.7	8307.1	8456.8	8910.5	10249.5	*10725.2*	9954.4
52.5°	6078.3	6148.8	6620.1	7263.2	8025.2	8558.1	8593.4	8963.3	10377.2	*10782.4*	9839.9
53°	*6007.9*	*6104.8*	*6633.3*	*7267.6*	*8056.0*	*8624.2*	*8655.0*	*8967.7*	*10394.8*	*10861.7*	*9822.2*
55°	5765.6	5818.5	6496.8	7263.2	8201.3	8870.8	8826.8	9099.9	10443.3	*10808.9*	9628.4
57.5°	5545.4	5598.2	6188.4	7179.5	8320.3	9218.8	9104.3	9077.9	10179.0	*10509.3*	9139.5
60°	5404.4	5422.0	5919.8	6915.2	8271.8	9461.1	9284.9	8818.0	9527.1	*9800.2*	8280.6
62.5°	5285.5	5281.1	5721.6	6536.4	8086.8	9496.3	9320.1	8174.9	8571.3	*8615.4*	7135.4
65°	5016.8	4986.0	5413.2	6109.2	7703.6	9337.7	8888.5	7201.5	7302.8	*7157.5*	5730.4
67.5°	4483.9	4417.8	4796.6	5457.3	6924.0	8888.5	8064.8	6069.5	5756.8	*5466.1*	4316.5
70°	3210.9	3210.9	3514.9	4175.6	5558.6	7681.6	6924.0	4594.0	3964.1	*3704.3*	2885.0
72.5°	1572.4	1612.1	1929.2	2466.6	3726.3	5576.2	5303.1	2977.5	2404.9	*2277.2*	1849.9
75°	669.5	673.9	823.7	1092.3	1889.6	3299.0	3321.1	1717.8	1541.6	*1479.9*	1224.5
77.5°	466.9	475.7	541.8	643.1	898.5	1515.2	1726.6	1039.5	1035.1	*991.0*	872.1
80°	356.8	365.6	409.6	480.1	603.4	775.2	894.1	704.7	740.0	*695.9*	629.9
82.5°	268.7	277.5	308.3	361.2	431.6	519.7	502.1	519.7	546.2	*519.7*	453.7
85°	180.6	185.0	207.0	251.1	277.5	312.7	312.7	378.8	396.4	*387.6*	356.8
87.5°	92.5	92.5	110.1	132.1	140.9	145.4	127.7	167.4	189.4	*207.0*	167.4
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: P1456632
CATALOG NUMBER: GLAN-SB4B-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2902.6	2902.6	2902.6	2902.6	2902.6	2902.6	2902.6	2902.6	2902.6	2902.6	2902.6
2.5°	2933.5	2937.9	2924.6	2920.2	2915.8	2893.8	2893.8	2871.8	2867.4	2871.8	2858.6
5°	3030.4	3021.5	2986.3	2959.9	2929.1	2867.4	2832.2	2783.7	2770.5	2757.3	2744.1
7.5°	3149.3	3136.1	3074.4	3003.9	2920.2	2801.3	2735.2	2656.0	2629.5	2607.5	2598.7
10°	3299.0	3272.6	3175.7	3026.0	2871.8	2726.4	2633.9	2537.0	2493.0	2484.2	2462.2
12.5°	3492.8	3444.4	3263.8	3030.4	2827.7	2638.3	2537.0	2462.2	2444.5	2440.1	2418.1
15°	3708.7	3638.2	3347.5	3034.8	2770.5	2563.5	2501.8	2462.2	2462.2	2457.8	2444.5
17.5°	3972.9	3858.4	3426.8	3017.1	2700.0	2541.4	2510.6	2475.4	2466.6	2471.0	2453.4
20°	4290.1	4100.7	3510.5	2995.1	2669.2	2545.9	2510.6	2462.2	2440.1	2435.7	2422.5
22.5°	4655.7	4378.2	3603.0	2959.9	2669.2	2541.4	2484.2	2418.1	2374.1	2356.5	2338.8
25°	5074.1	4699.7	3699.9	2946.7	2678.0	2523.8	2431.3	2325.6	2255.1	2228.7	2215.5
27.5°	5580.6	5038.8	3770.3	2959.9	2673.6	2484.2	2338.8	2202.3	2123.0	2079.0	2070.2
30°	6140.0	5404.4	3818.8	2981.9	2647.2	2409.3	2228.7	2074.6	1964.4	1911.6	1898.4
32.5°	6800.7	5814.1	3867.2	2981.9	2581.1	2303.6	2101.0	1933.6	1819.1	1757.4	1748.6
35°	7531.8	6316.2	3911.3	2977.5	2501.8	2189.1	1973.3	1801.5	1682.6	1620.9	1616.5
37.5°	8152.9	6695.0	3933.3	2933.5	2391.7	2056.9	1854.3	1682.6	1559.2	1493.2	1488.8
40°	8536.1	6853.5	3889.3	2845.4	2259.6	1920.4	1722.2	1563.6	1440.3	1361.0	1343.4
42.5°	8681.4	6778.7	3748.3	2700.0	2101.0	1783.9	1612.1	1444.7	1281.7	1215.7	1202.5
45°	8633.0	6488.0	3448.8	2493.0	1924.8	1660.5	1515.2	1325.8	1220.1	1162.8	1158.4
47.5°	8470.0	6038.7	3074.4	2233.1	1739.8	1550.4	1387.4	1294.9	1198.0	1136.4	1132.0
50°	8183.7	5558.6	2625.1	1938.0	1572.4	1435.9	1356.6	1281.7	1202.5	1154.0	1145.2
52.5°	7818.1	5016.8	2211.1	1651.7	1427.1	1334.6	1325.8	1272.9	1211.3	1158.4	1136.4
53°	*7734.5*	*4875.9*	*2131.8*	*1603.3*	*1405.1*	*1321.4*	*1317.0*	*1272.9*	*1202.5*	*1154.0*	*1136.4*
55°	7333.6	4439.8	1880.8	1431.5	1294.9	1277.3	1317.0	1268.5	1180.4	1140.8	1127.6
57.5°	6690.6	3867.2	1638.5	1272.9	1180.4	1224.5	1303.8	1250.9	1154.0	1083.5	1061.5
60°	5915.4	3210.9	1453.5	1167.2	1096.7	1158.4	1250.9	1189.2	1057.1	1021.9	1017.5
62.5°	4990.4	2598.7	1312.6	1079.1	1026.3	1087.9	1171.6	1065.9	969.0	942.6	933.8
65°	3898.1	2065.8	1202.5	1013.1	955.8	1004.2	1061.5	995.4	933.8	911.7	907.3
67.5°	2898.2	1620.9	1114.4	955.8	885.3	916.2	982.2	964.6	911.7	898.5	894.1
70°	1999.7	1317.0	1035.1	902.9	797.2	832.5	933.8	947.0	894.1	885.3	880.9
72.5°	1400.7	1114.4	951.4	845.7	726.8	762.0	911.7	911.7	854.5	867.7	858.9
75°	1052.7	938.2	854.5	775.2	638.7	691.5	880.9	872.1	814.8	872.1	850.1
77.5°	792.8	757.6	740.0	687.1	559.4	612.2	819.3	801.6	726.8	731.2	691.5
80°	577.0	585.8	634.3	585.8	466.9	506.5	691.5	682.7	590.2	607.8	559.4
82.5°	414.0	436.1	541.8	471.3	339.2	361.2	475.7	515.3	462.5	436.1	444.9
85°	312.7	325.9	436.1	348.0	211.4	237.8	325.9	370.0	361.2	334.7	339.2
87.5°	132.1	149.8	202.6	163.0	123.3	123.3	202.6	259.9	233.4	198.2	207.0
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

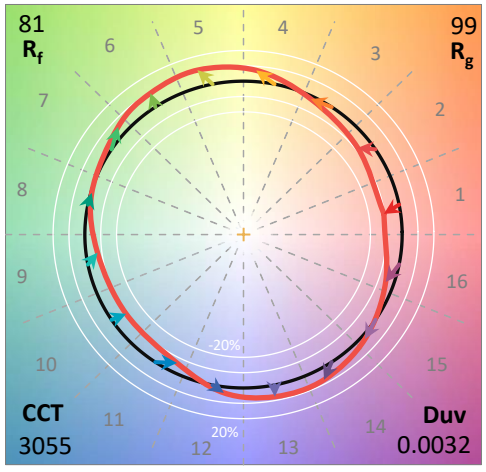
Test Information

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

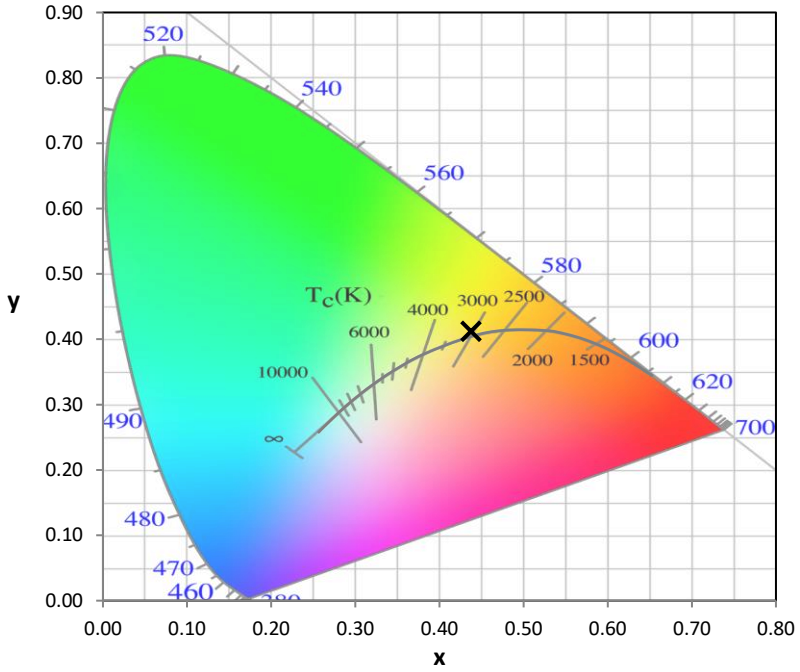
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

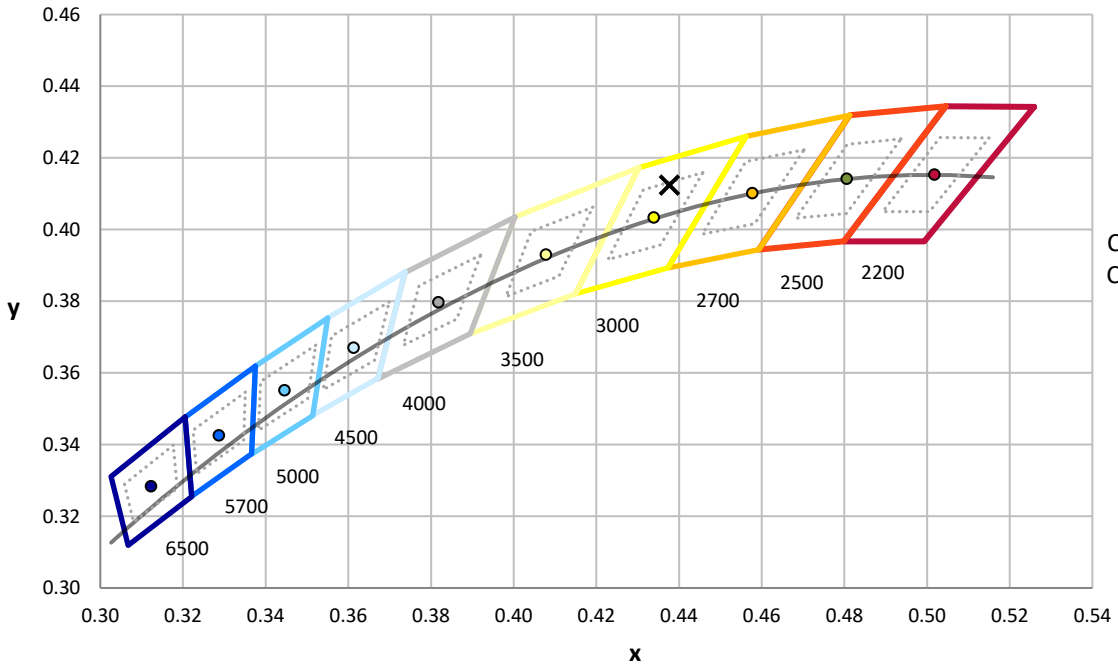
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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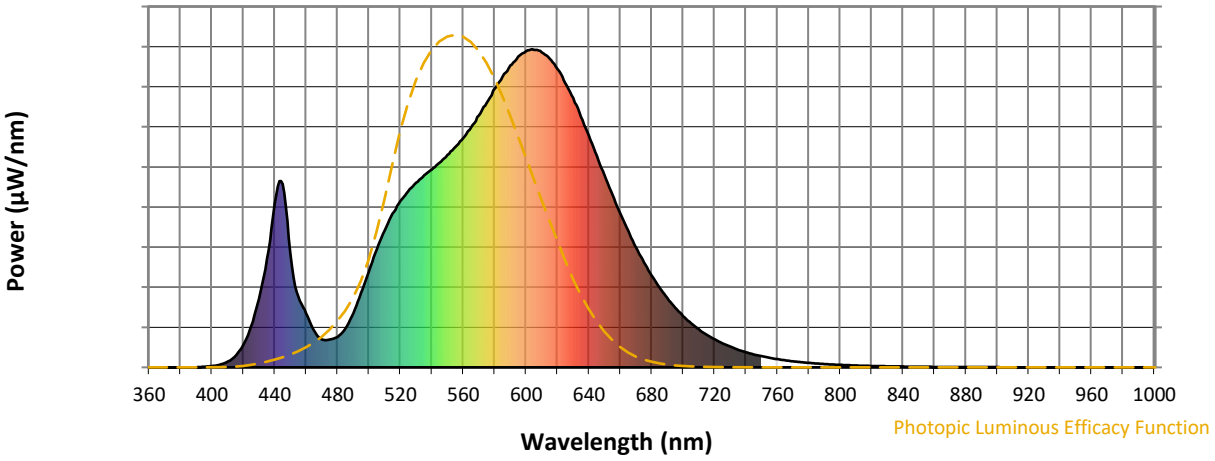
Photopic Flux vs. Wavelength



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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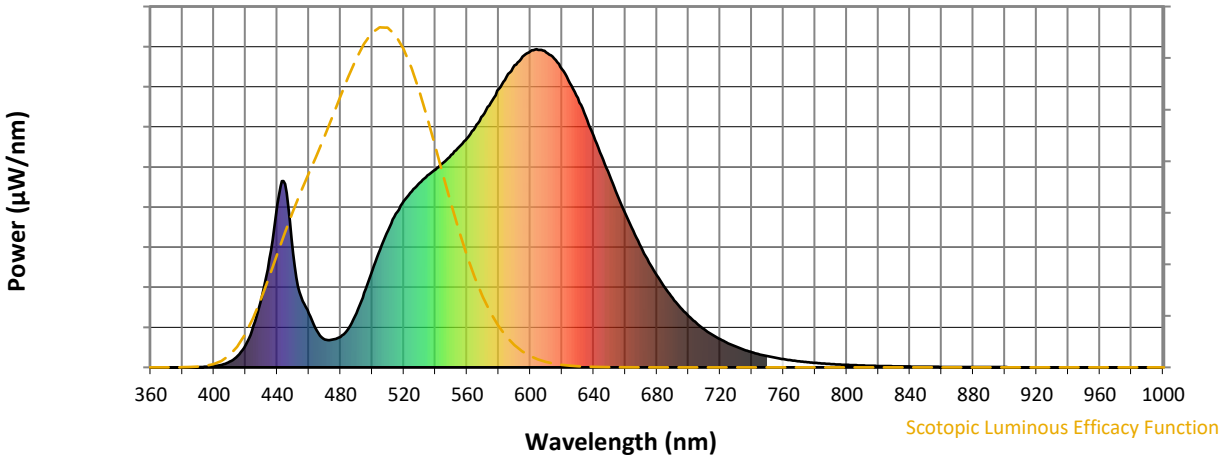
Scotopic Flux vs. Wavelength



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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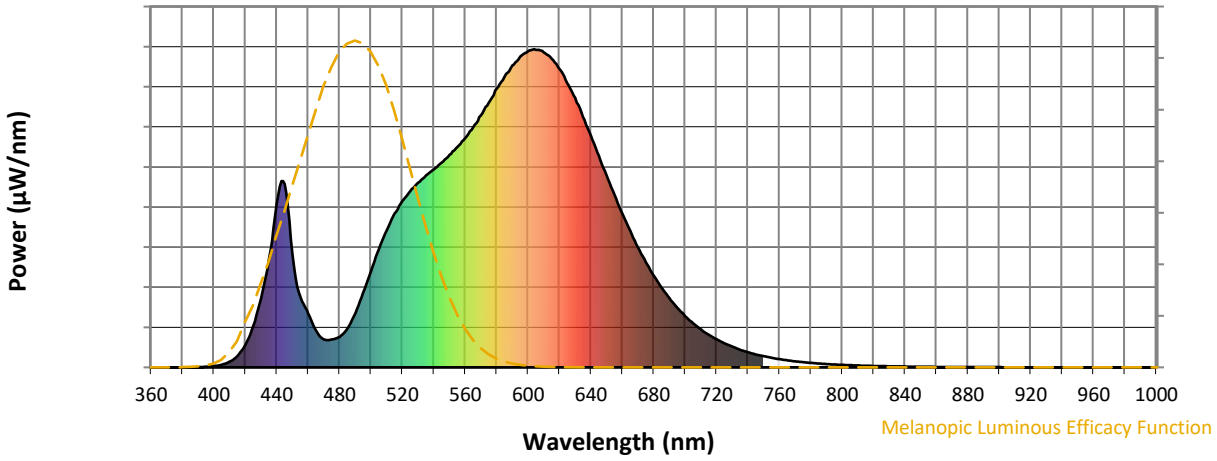
Melanopic Flux vs. Wavelength



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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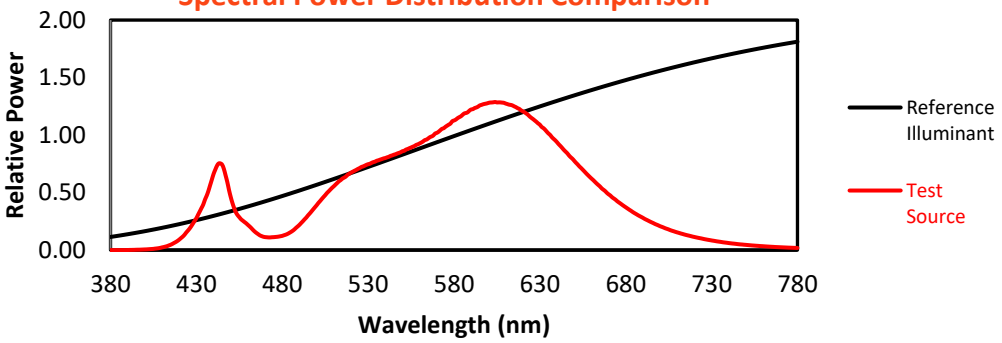
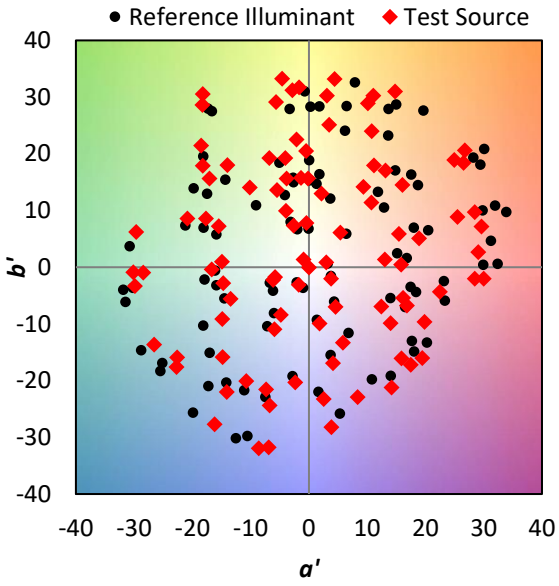
Summary

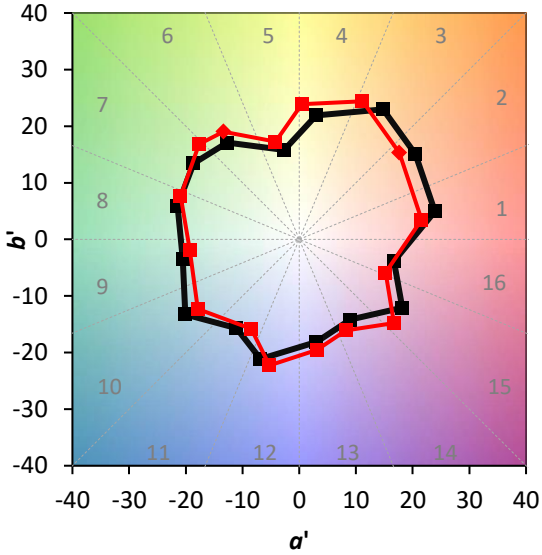
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

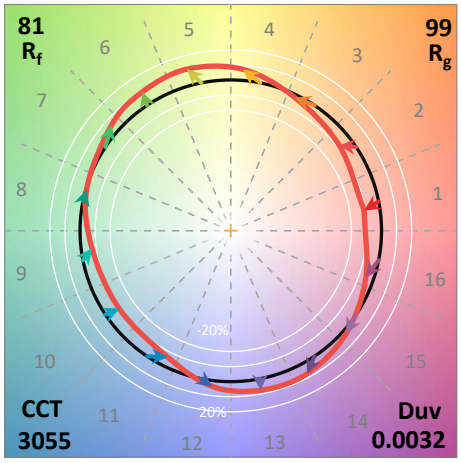
Spectral Power Distribution Comparison

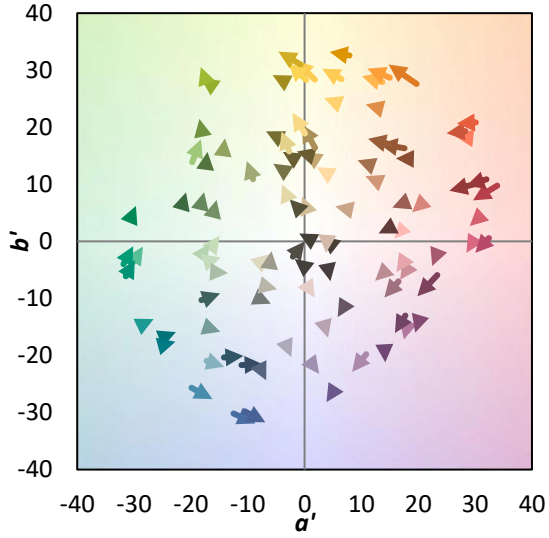


Color Vector Graphics









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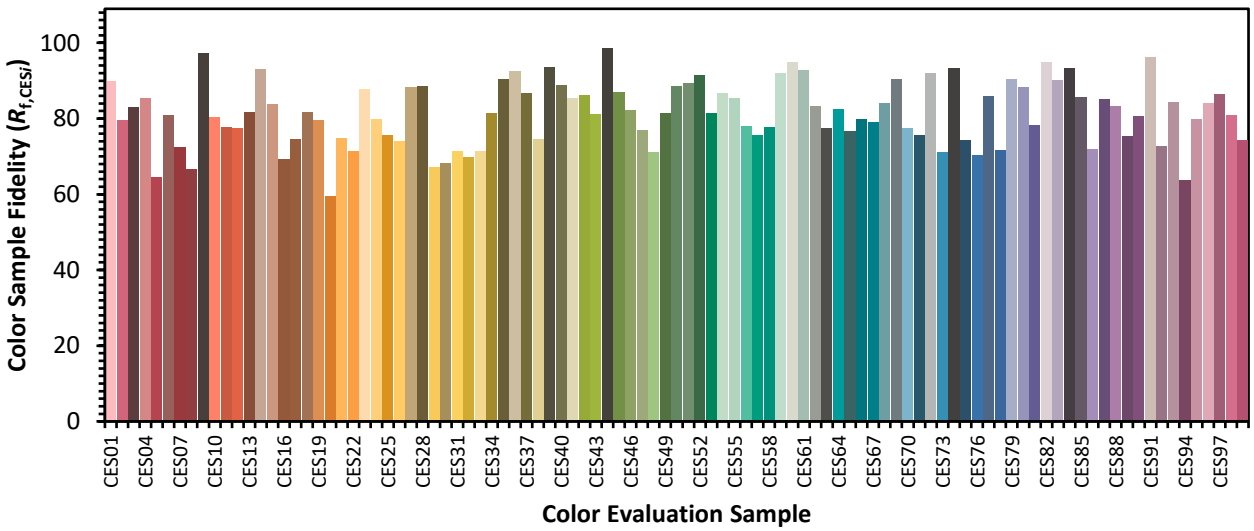
Individual Sample Fidelity Index ($R_{f,i}$)

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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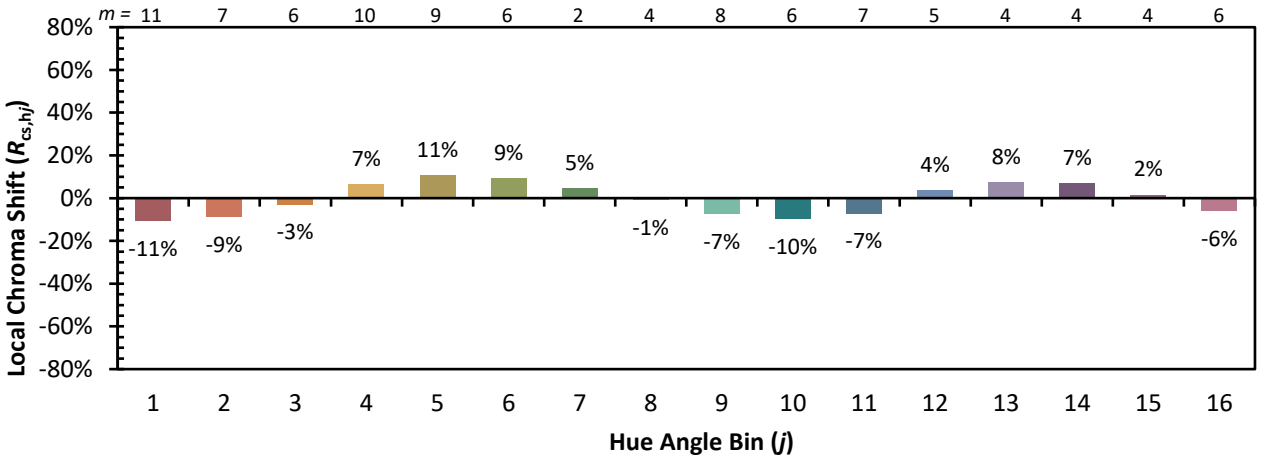
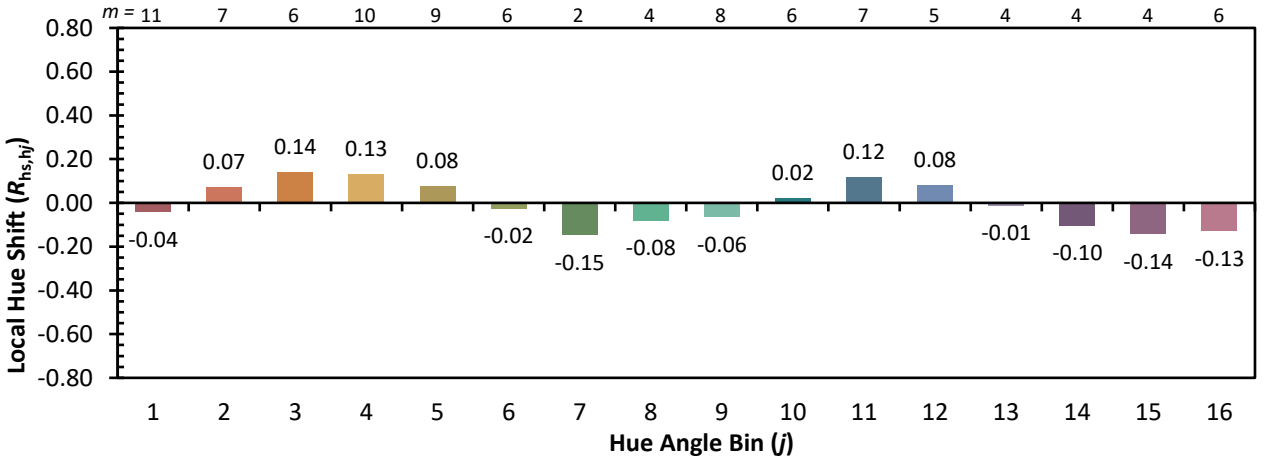
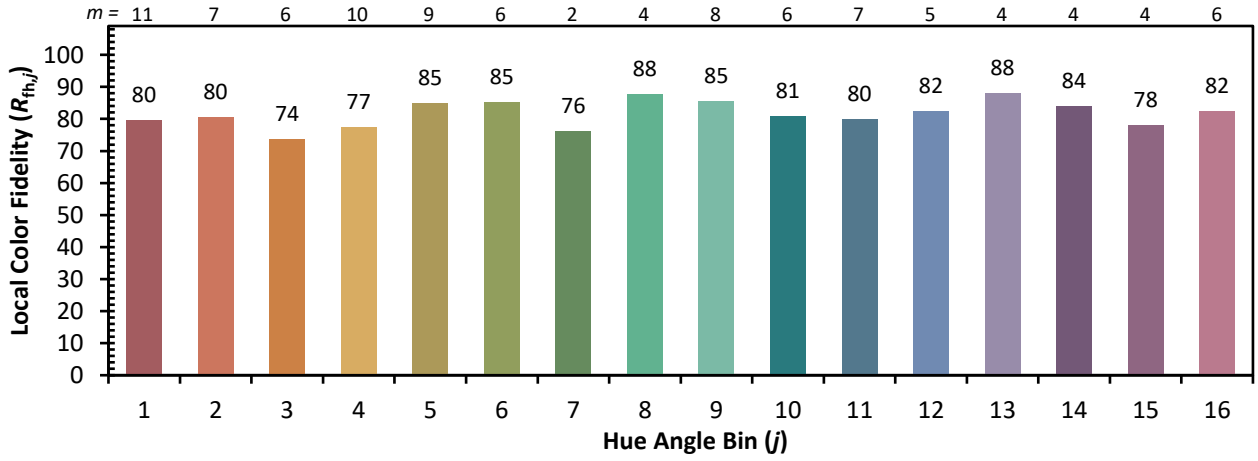
Color Rendition by Hue-Angle Bin







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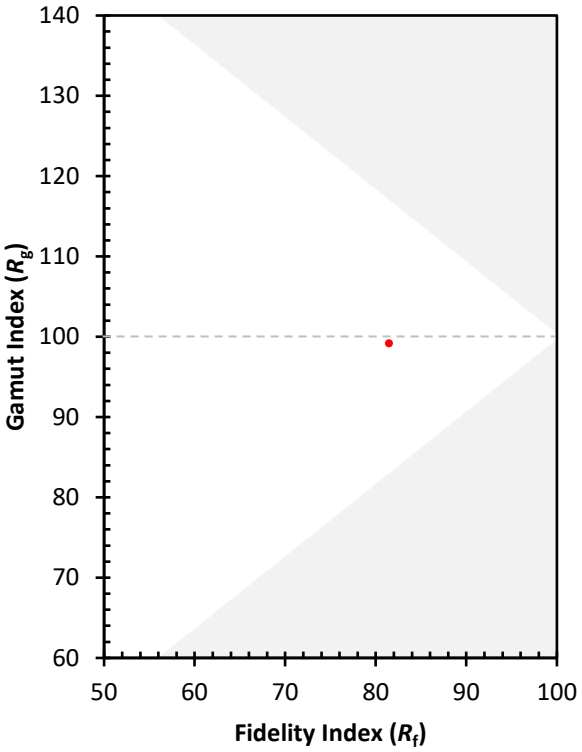
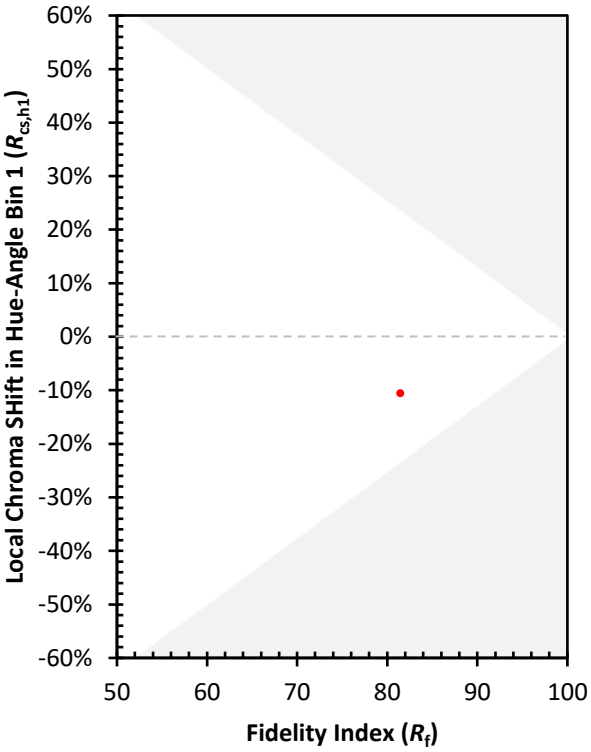
Measure Comparisons





(END OF REPORT)