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: P1456651

Luminaire Tested: GLAN-SB9A-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:	P1456651
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-830-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(234) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35796.6 lumens
Efficiency:	N/A
Efficacy:	140.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - 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: P1456651
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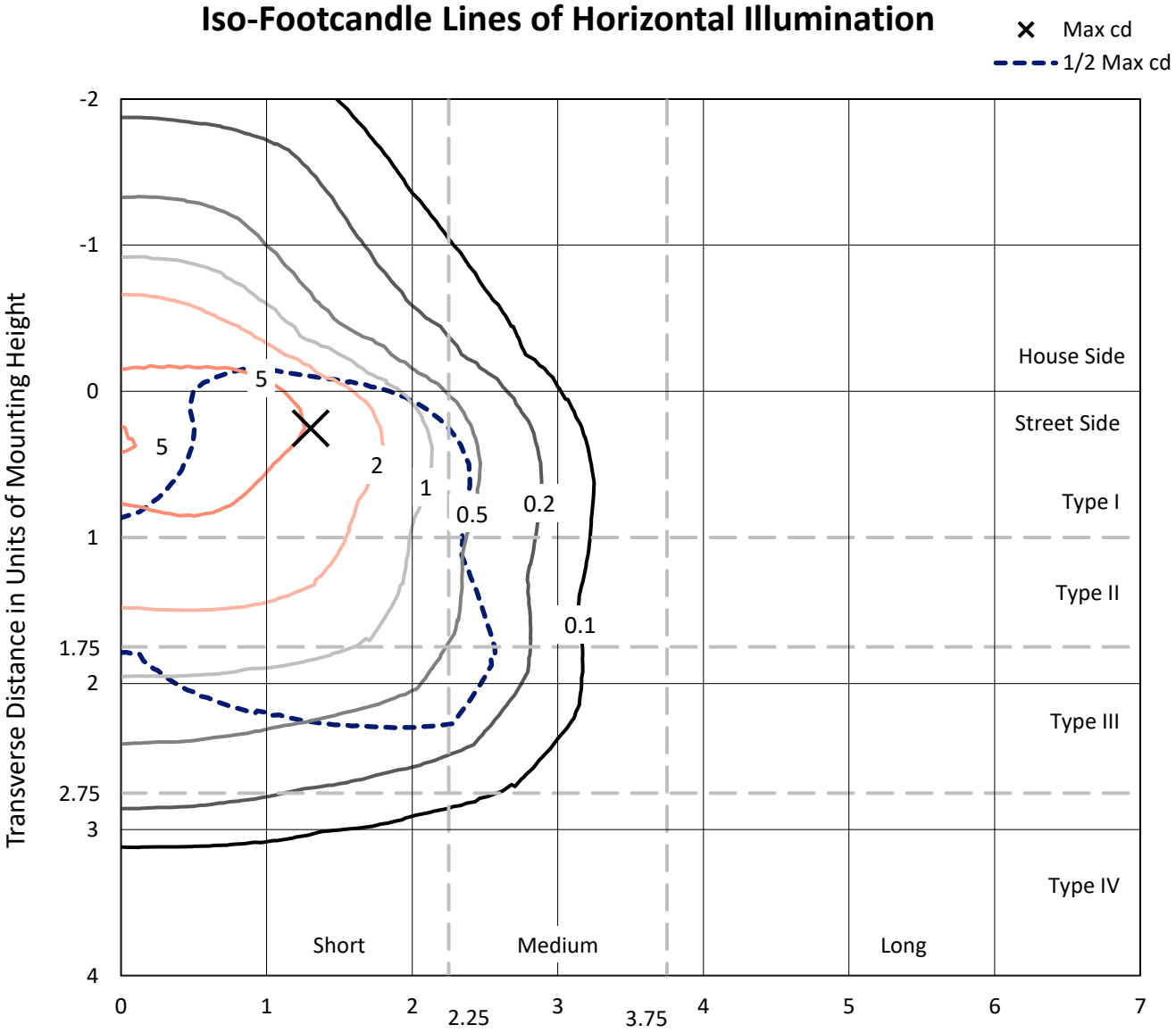
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 9.1 fc
Type III - Short - N/A

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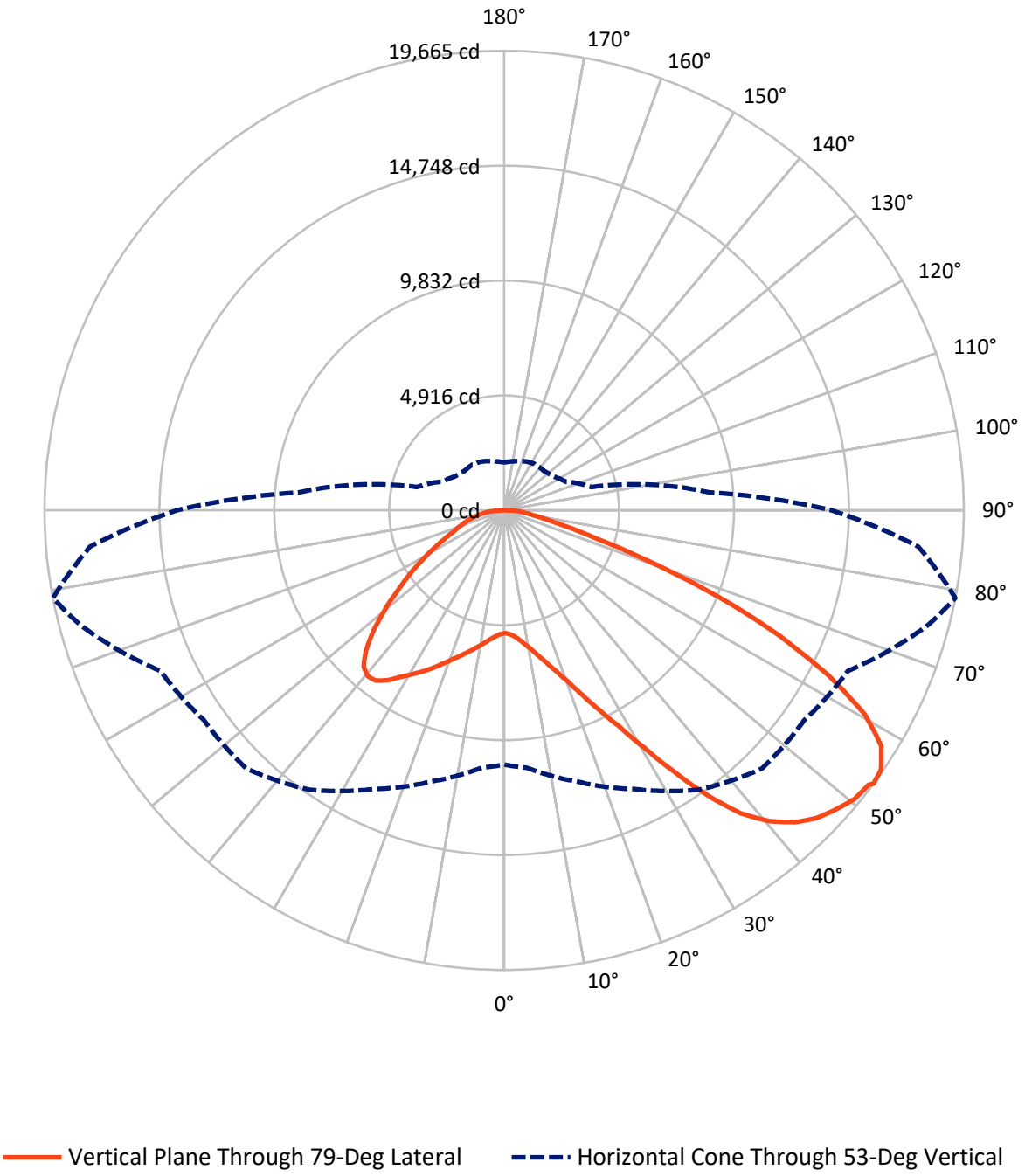
Luminous Intensity Polar Plot



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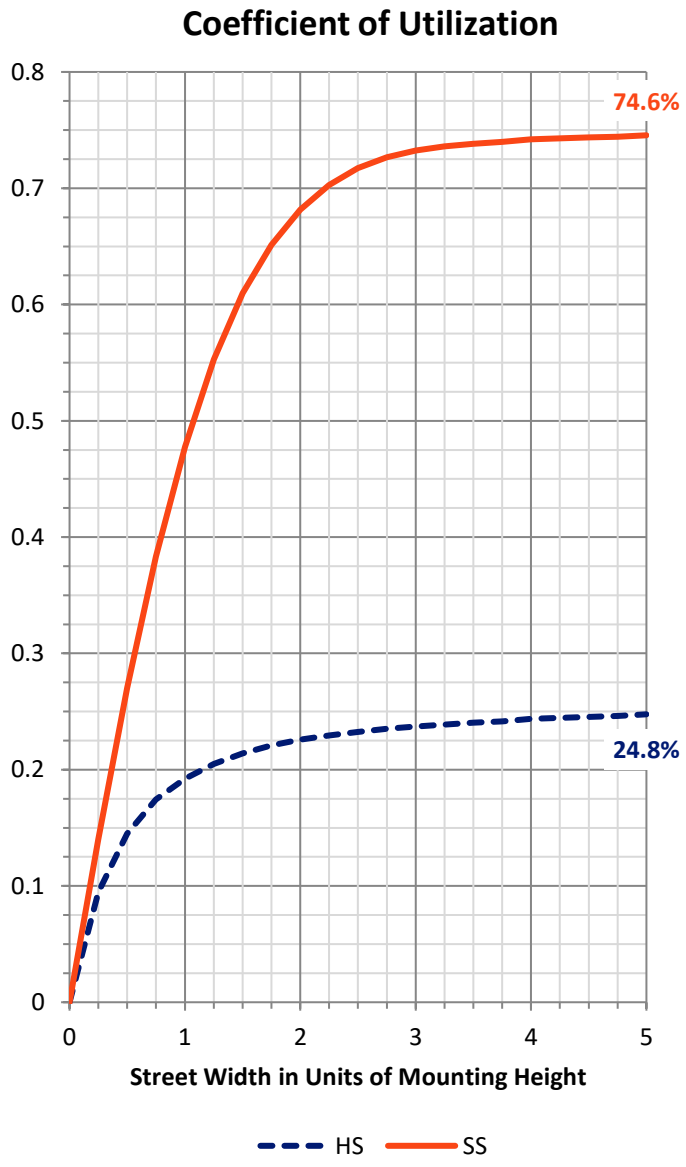
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9024.1	0.0	9024.1
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	26772.5	0.0	26772.5
	% Fixture	74.8	0.0	74.8
Total	Lumens	35796.6	0.0	35796.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	500.7	1.4
10°-20°	1550.5	4.3
20°-30°	2964.6	8.3
30°-40°	5089.9	14.2
40°-50°	7129.4	19.9
50°-60°	8090.9	22.6
60°-70°	7095.2	19.8
70°-80°	2774.4	7.8
80°-90°	601.1	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°	35796.6	100.0
0°-180°	35796.6	100.0



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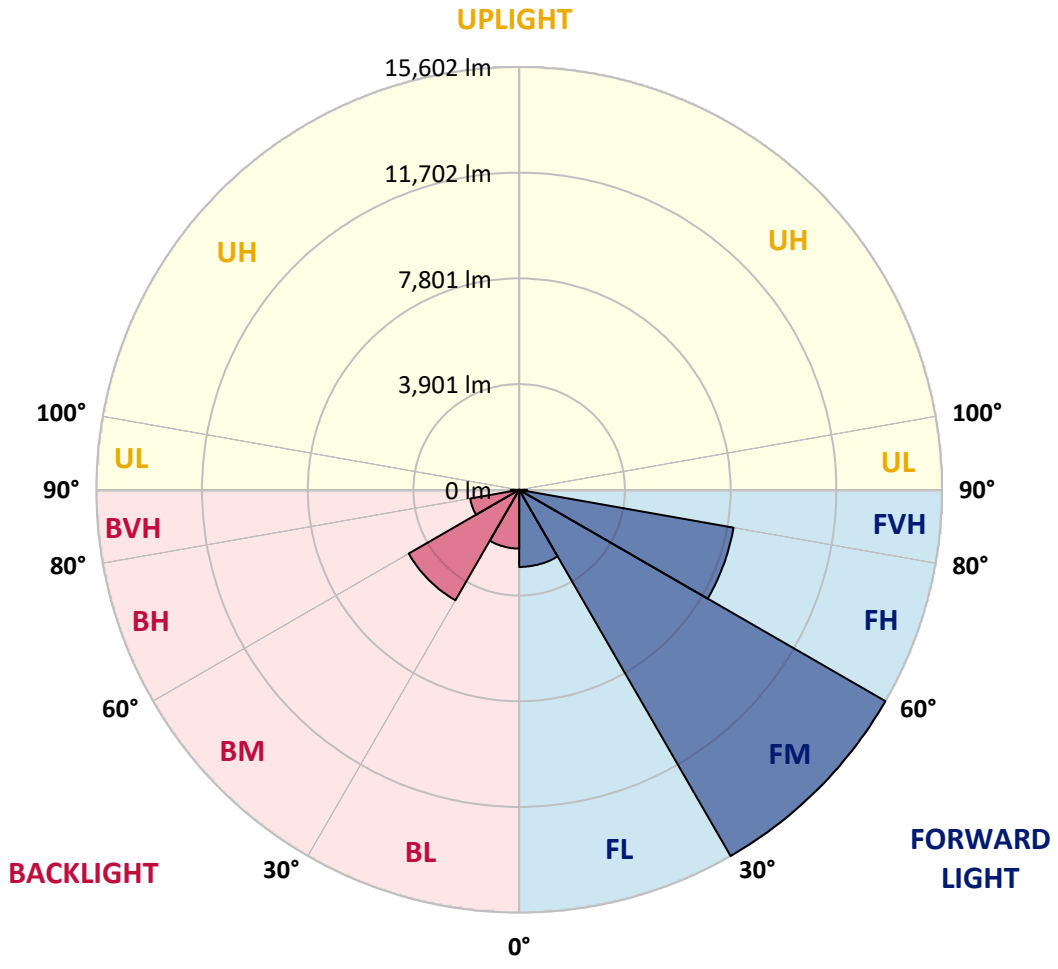
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2845.5	7.9			
FM	(30°-60°)	15602.5	43.6			
FH	(60°-80°)	8033.0	22.4			G4/12000
FVH	(80°-90°)	291.6	0.8			G3/500
BL	(0°-30°)	2170.3	6.1	B3/2500		
BM	(30°-60°)	4707.6	13.2	B3/5000		
BH	(60°-80°)	1836.5	5.1	B3/2500		G3/2500
BVH	(80°-90°)	309.5	0.9			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type III Short



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REPORT NUMBER: P1456651
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	5255.0	5255.0	5255.0	5255.0	5255.0	5255.0	5255.0	5255.0	5255.0	*5255.0*	5255.0
2.5°	5263.0	5263.0	5231.1	5263.0	5247.1	5271.0	5286.9	5286.9	5318.8	*5310.9*	5310.9
5°	5175.3	5159.3	5151.4	5207.2	5239.1	5302.9	5374.6	5406.5	5462.4	*5462.4*	5470.3
7.5°	4944.0	4936.1	4975.9	5087.6	5191.2	5350.7	5502.2	5590.0	5677.7	*5693.6*	5693.6
10°	4800.5	4792.5	4840.4	4975.9	5143.4	5374.6	5613.9	5797.3	5940.8	*5980.7*	5980.7
12.5°	4800.5	4800.5	4840.4	4975.9	5151.4	5430.5	5757.4	6068.4	6291.7	*6339.5*	6323.6
15°	4936.1	4928.1	4975.9	5119.5	5286.9	5550.1	5948.8	6363.5	6666.5	*6754.2*	6762.2
17.5°	5079.6	5071.6	5143.4	5326.8	5526.2	5789.3	6196.0	6706.3	7137.0	*7248.6*	7272.5
20°	5302.9	5294.9	5382.6	5558.1	5805.3	6108.3	6530.9	7113.0	7711.1	*7830.7*	7862.6
22.5°	5558.1	5566.0	5661.7	5877.0	6124.2	6522.9	7041.3	7687.2	8404.9	*8588.3*	8620.2
25°	6092.3	6068.4	6148.2	6299.7	6562.8	7041.3	7679.2	8380.9	9234.2	*9457.5*	9497.3
27.5°	6802.0	6762.2	6849.9	7001.4	7192.8	7639.3	8373.0	9154.4	10183.1	*10462.2*	10470.2
30°	7440.0	7416.1	7535.7	7846.7	8046.0	8388.9	9170.4	10063.5	11355.3	*11762.0*	11778.0
32.5°	7990.2	7982.2	8205.5	8604.2	9058.8	9425.6	10183.1	11211.8	12838.6	*13309.0*	13205.4
35°	8516.5	8540.4	8819.5	9234.2	9840.2	10573.9	11339.4	12511.6	14401.5	*14967.7*	14800.2
37.5°	9050.8	9066.7	9433.5	9967.8	10605.8	11562.7	12591.3	13923.0	15757.1	*16458.9*	16092.0
40°	9545.2	9593.0	10087.4	10661.6	11490.9	12463.8	13612.1	14903.9	16801.8	*17495.5*	17096.8
42.5°	10039.6	10111.4	10645.6	11435.1	12320.2	13333.0	14321.8	15502.0	17471.6	*18245.1*	17631.1
45°	10549.9	10597.8	11259.6	12081.0	13085.8	14018.7	14728.4	15884.7	17934.1	*18771.4*	17934.1
47.5°	10892.8	10988.5	11714.2	12663.1	13667.9	14545.0	15055.4	16044.2	18229.1	*19114.3*	18045.7
50°	11028.4	11164.0	11945.4	12998.0	14146.3	15039.4	15310.6	16131.9	18556.1	*19417.3*	18021.8
52.5°	11004.5	11132.1	11985.3	13149.5	14529.1	15494.0	15557.8	16227.6	18787.3	*19521.0*	17814.5
53°	*10876.9*	*11052.3*	*12009.2*	*13157.5*	*14584.9*	*15613.6*	*15669.4*	*16235.6*	*18819.2*	*19664.5*	*17782.6*
55°	10438.3	10534.0	11762.0	13149.5	14848.1	16060.2	15980.4	16474.8	18907.0	*19568.8*	17431.7
57.5°	10039.6	10135.3	11203.8	12998.0	15063.4	16690.1	16482.8	16434.9	18428.5	*19026.6*	16546.6
60°	9784.4	9816.3	10717.4	12519.6	14975.7	17128.7	16809.7	15964.5	17248.3	*17742.7*	14991.6
62.5°	9569.1	9561.1	10358.6	11833.8	14640.7	17192.5	16873.5	14800.2	15517.9	*15597.6*	12918.3
65°	9082.7	9026.9	9800.4	11060.3	13947.0	16905.4	16092.0	13037.9	13221.3	*12958.2*	10374.5
67.5°	8117.8	7998.2	8684.0	9880.1	12535.5	16092.0	14600.9	10988.5	10422.4	*9896.1*	7814.8
70°	5813.2	5813.2	6363.5	7559.6	10063.5	13907.1	12535.5	8317.1	7176.8	*6706.3*	5223.1
72.5°	2846.8	2918.6	3492.7	4465.6	6746.2	10095.4	9601.0	5390.6	4353.9	*4122.7*	3349.2
75°	1212.1	1220.1	1491.2	1977.6	3421.0	5972.7	6012.6	3110.0	2791.0	*2679.3*	2216.8
77.5°	845.3	861.2	980.8	1164.2	1626.7	2743.1	3125.9	1881.9	1874.0	*1794.2*	1578.9
80°	645.9	661.9	741.6	869.2	1092.5	1403.5	1618.8	1275.9	1339.7	*1259.9*	1140.3
82.5°	486.4	502.4	558.2	653.9	781.5	941.0	909.1	941.0	988.8	*941.0*	821.3
85°	326.9	334.9	374.8	454.5	502.4	566.2	566.2	685.8	717.7	*701.7*	645.9
87.5°	167.5	167.5	199.4	239.2	255.2	263.2	231.3	303.0	342.9	*374.8*	303.0
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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Scaled Data Report

REPORT NUMBER: P1456651
CATALOG NUMBER: GLAN-SB9A-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5255.0	5255.0	5255.0	5255.0	5255.0	5255.0	5255.0	5255.0	5255.0	5255.0	5255.0
2.5°	5310.9	5318.8	5294.9	5286.9	5279.0	5239.1	5239.1	5199.2	5191.2	5199.2	5175.3
5°	5486.3	5470.3	5406.5	5358.7	5302.9	5191.2	5127.4	5039.7	5015.8	4991.9	4968.0
7.5°	5701.6	5677.7	5566.0	5438.4	5286.9	5071.6	4952.0	4808.5	4760.6	4720.8	4704.8
10°	5972.7	5924.9	5749.4	5478.3	5199.2	4936.1	4768.6	4593.2	4513.4	4497.5	4457.6
12.5°	6323.6	6235.9	5908.9	5486.3	5119.5	4776.6	4593.2	4457.6	4425.7	4417.7	4377.9
15°	6714.3	6586.7	6060.4	5494.3	5015.8	4641.0	4529.4	4457.6	4457.6	4449.6	4425.7
17.5°	7192.8	6985.4	6204.0	5462.4	4888.2	4601.1	4545.3	4481.5	4465.6	4473.6	4441.7
20°	7766.9	7424.0	6355.5	5422.5	4832.4	4609.1	4545.3	4457.6	4417.7	4409.8	4385.8
22.5°	8428.8	7926.4	6522.9	5358.7	4832.4	4601.1	4497.5	4377.9	4298.1	4266.2	4234.3
25°	9186.3	8508.5	6698.4	5334.8	4848.3	4569.2	4401.8	4210.4	4082.8	4035.0	4011.1
27.5°	10103.4	9122.5	6826.0	5358.7	4840.4	4497.5	4234.3	3987.1	3843.6	3763.8	3747.9
30°	11116.1	9784.4	6913.7	5398.6	4792.5	4361.9	4035.0	3755.9	3556.5	3460.8	3436.9
32.5°	12312.3	10526.0	7001.4	5398.6	4672.9	4170.5	3803.7	3500.7	3293.4	3181.7	3165.8
35°	13636.0	11435.1	7081.1	5390.6	4529.4	3963.2	3572.5	3261.5	3046.2	2934.5	2926.6
37.5°	14760.3	12120.9	7121.0	5310.9	4330.0	3724.0	3357.2	3046.2	2822.9	2703.3	2695.3
40°	15454.1	12407.9	7041.3	5151.4	4090.8	3476.8	3117.9	2830.9	2607.6	2464.0	2432.1
42.5°	15717.3	12272.4	6786.1	4888.2	3803.7	3229.6	2918.6	2615.6	2320.5	2200.9	2177.0
45°	15629.5	11746.1	6243.8	4513.4	3484.7	3006.3	2743.1	2400.3	2208.9	2105.2	2097.2
47.5°	15334.5	10932.7	5566.0	4042.9	3149.8	2806.9	2511.9	2344.4	2169.0	2057.4	2049.4
50°	14816.2	10063.5	4752.7	3508.7	2846.8	2599.6	2456.1	2320.5	2177.0	2089.3	2073.3
52.5°	14154.3	9082.7	4003.1	2990.3	2583.7	2416.2	2400.3	2304.6	2192.9	2097.2	2057.4
53°	*14002.8*	*8827.5*	*3859.5*	*2902.6*	*2543.8*	*2392.3*	*2384.3*	*2304.6*	*2177.0*	*2089.3*	*2057.4*
55°	13277.1	8038.0	3405.0	2591.6	2344.4	2312.5	2384.3	2296.6	2137.1	2065.3	2041.4
57.5°	12112.9	7001.4	2966.4	2304.6	2137.1	2216.8	2360.4	2264.7	2089.3	1961.7	1921.8
60°	10709.4	5813.2	2631.5	2113.2	1985.6	2097.2	2264.7	2153.0	1913.8	1850.0	1842.1
62.5°	9034.8	4704.8	2376.3	1953.7	1858.0	1969.6	2121.2	1929.8	1754.3	1706.5	1690.5
65°	7057.2	3739.9	2177.0	1834.1	1730.4	1818.1	1921.8	1802.2	1690.5	1650.7	1642.7
67.5°	5247.1	2934.5	2017.5	1730.4	1602.8	1658.6	1778.3	1746.4	1650.7	1626.7	1618.8
70°	3620.3	2384.3	1874.0	1634.7	1443.3	1507.1	1690.5	1714.5	1618.8	1602.8	1594.9
72.5°	2535.8	2017.5	1722.4	1531.1	1315.8	1379.5	1650.7	1650.7	1547.0	1570.9	1555.0
75°	1905.8	1698.5	1547.0	1403.5	1156.3	1252.0	1594.9	1578.9	1475.2	1578.9	1539.0
77.5°	1435.4	1371.6	1339.7	1244.0	1012.7	1108.4	1483.2	1451.3	1315.8	1323.7	1252.0
80°	1044.6	1060.6	1148.3	1060.6	845.3	917.0	1252.0	1236.0	1068.6	1100.4	1012.7
82.5°	749.6	789.5	980.8	853.2	614.0	653.9	861.2	933.0	837.3	789.5	805.4
85°	566.2	590.1	789.5	630.0	382.8	430.6	590.1	669.8	653.9	606.0	614.0
87.5°	239.2	271.1	366.8	295.0	223.3	223.3	366.8	470.5	422.6	358.8	374.8
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

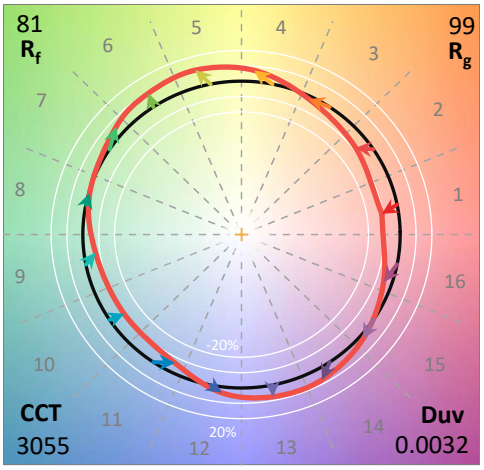
Test Information

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

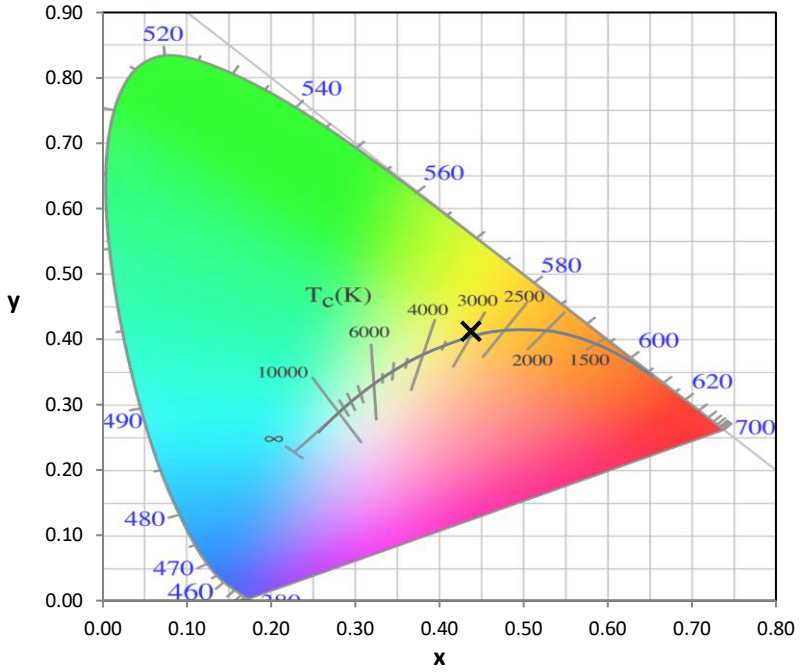
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

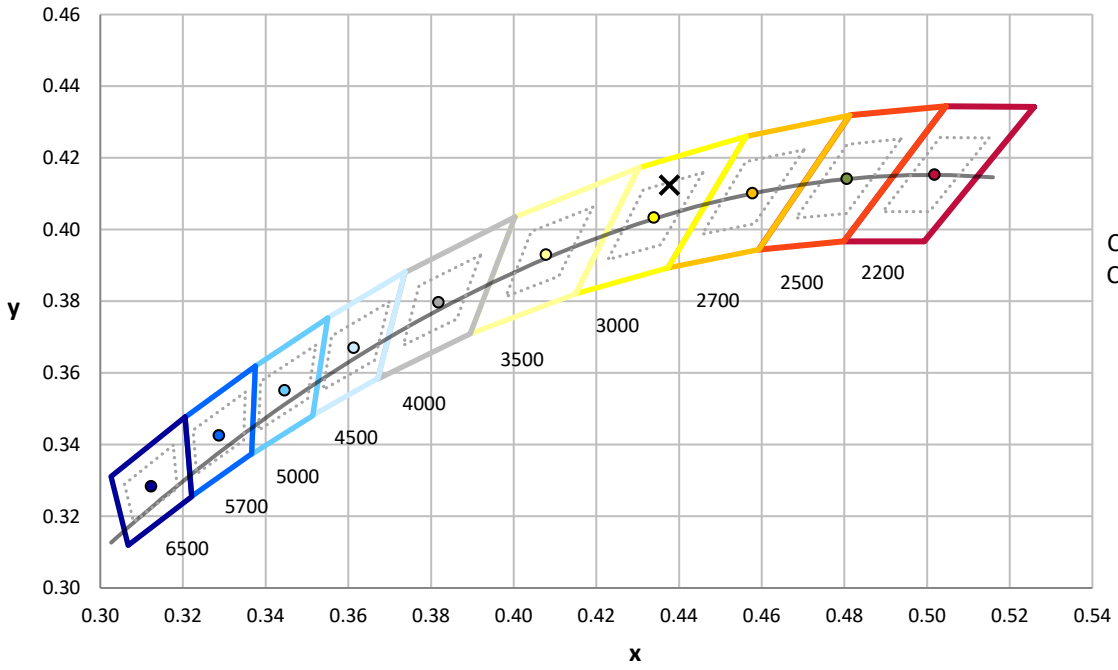
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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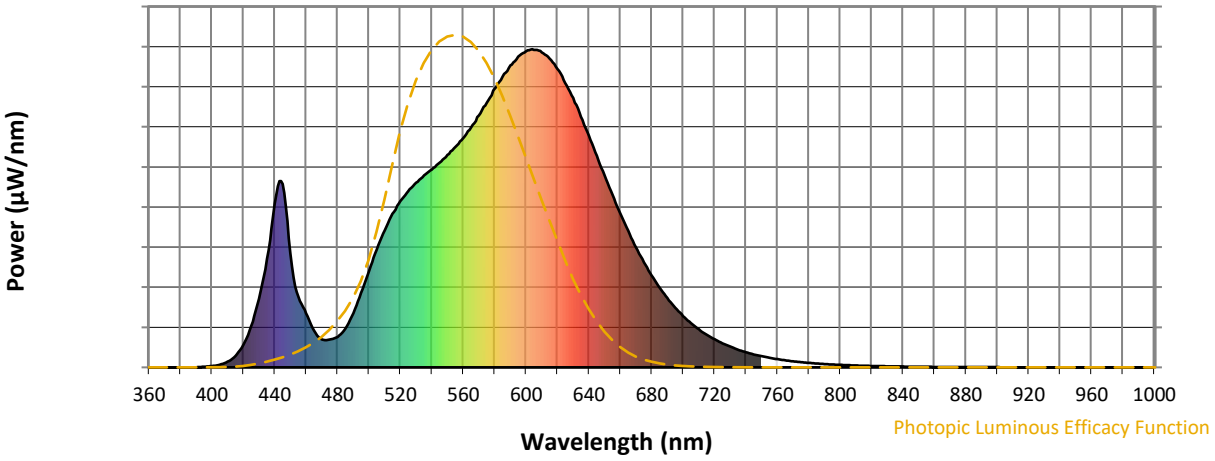
Photopic Flux vs. Wavelength



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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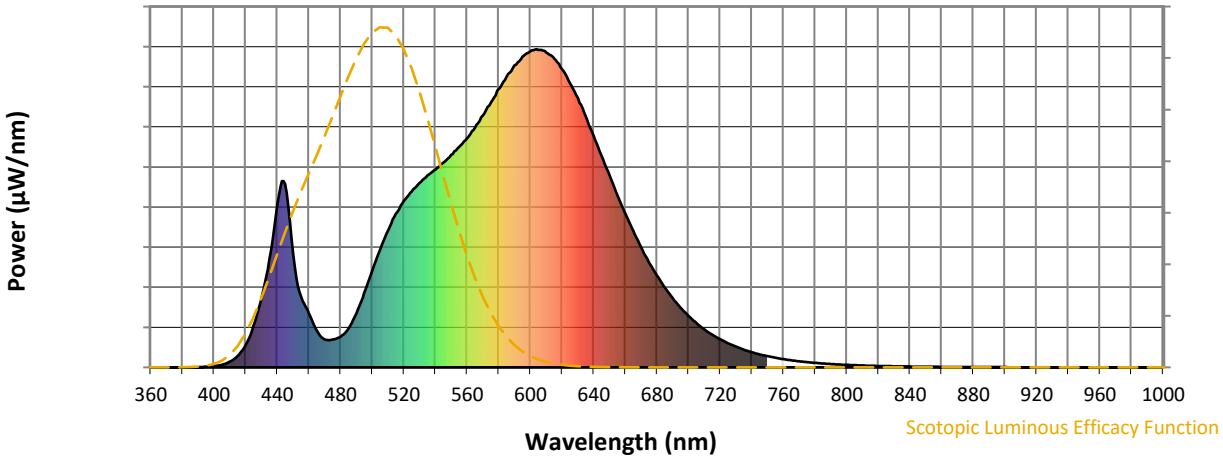
Scotopic Flux vs. Wavelength



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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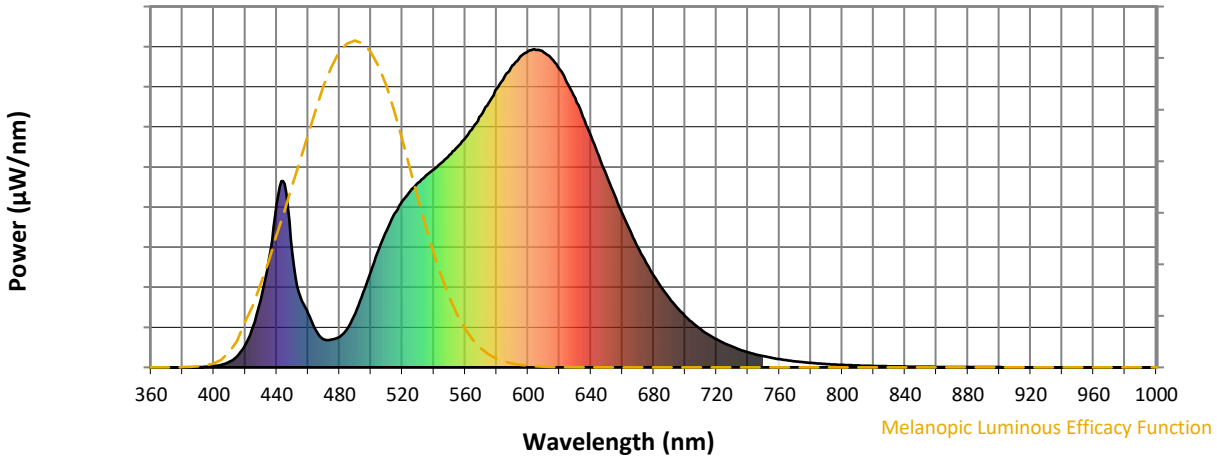
Melanopic Flux vs. Wavelength



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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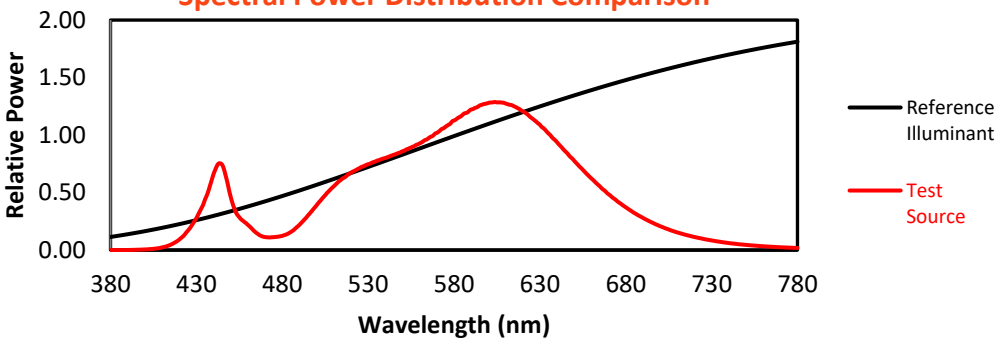
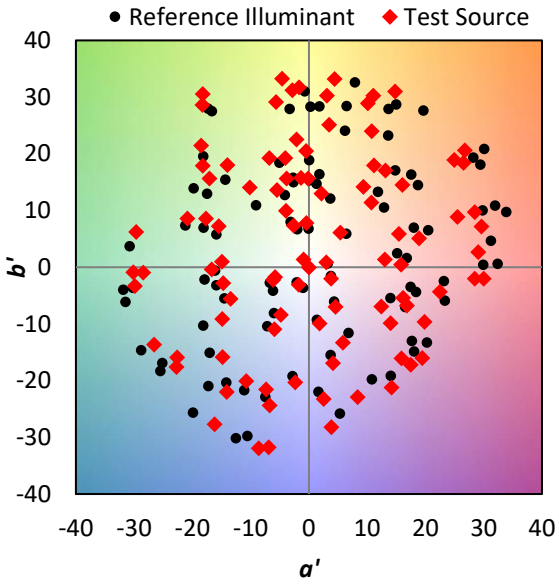
Summary

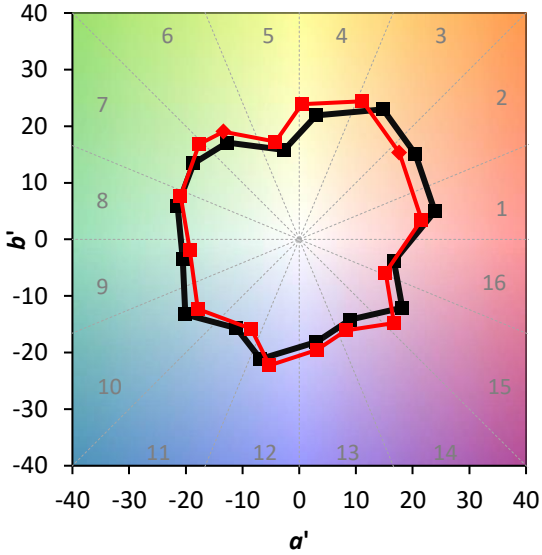
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

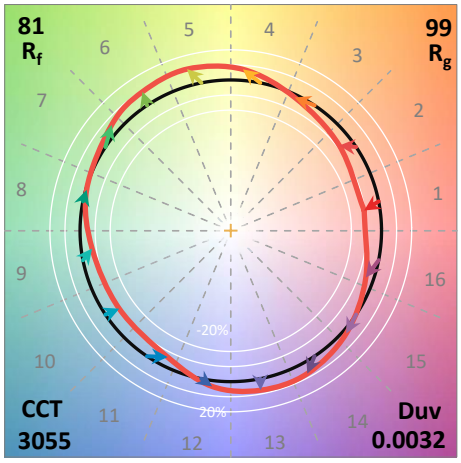
Spectral Power Distribution Comparison

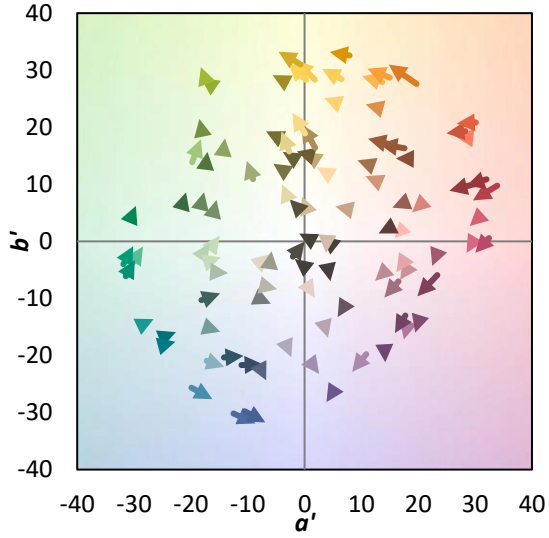


Color Vector Graphics









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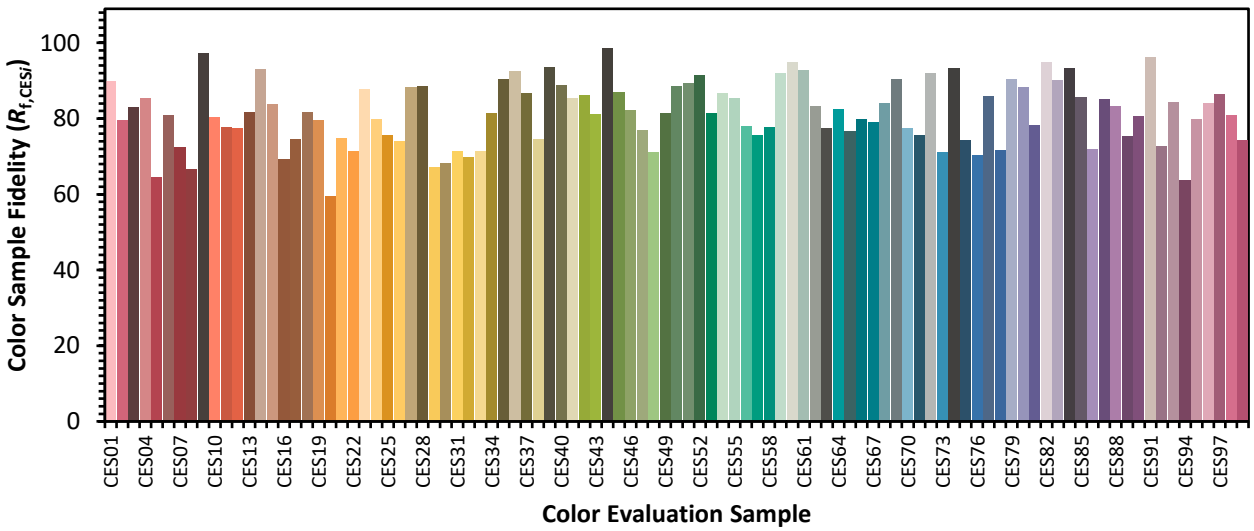
Individual Sample Fidelity Index ($R_{f,i}$)

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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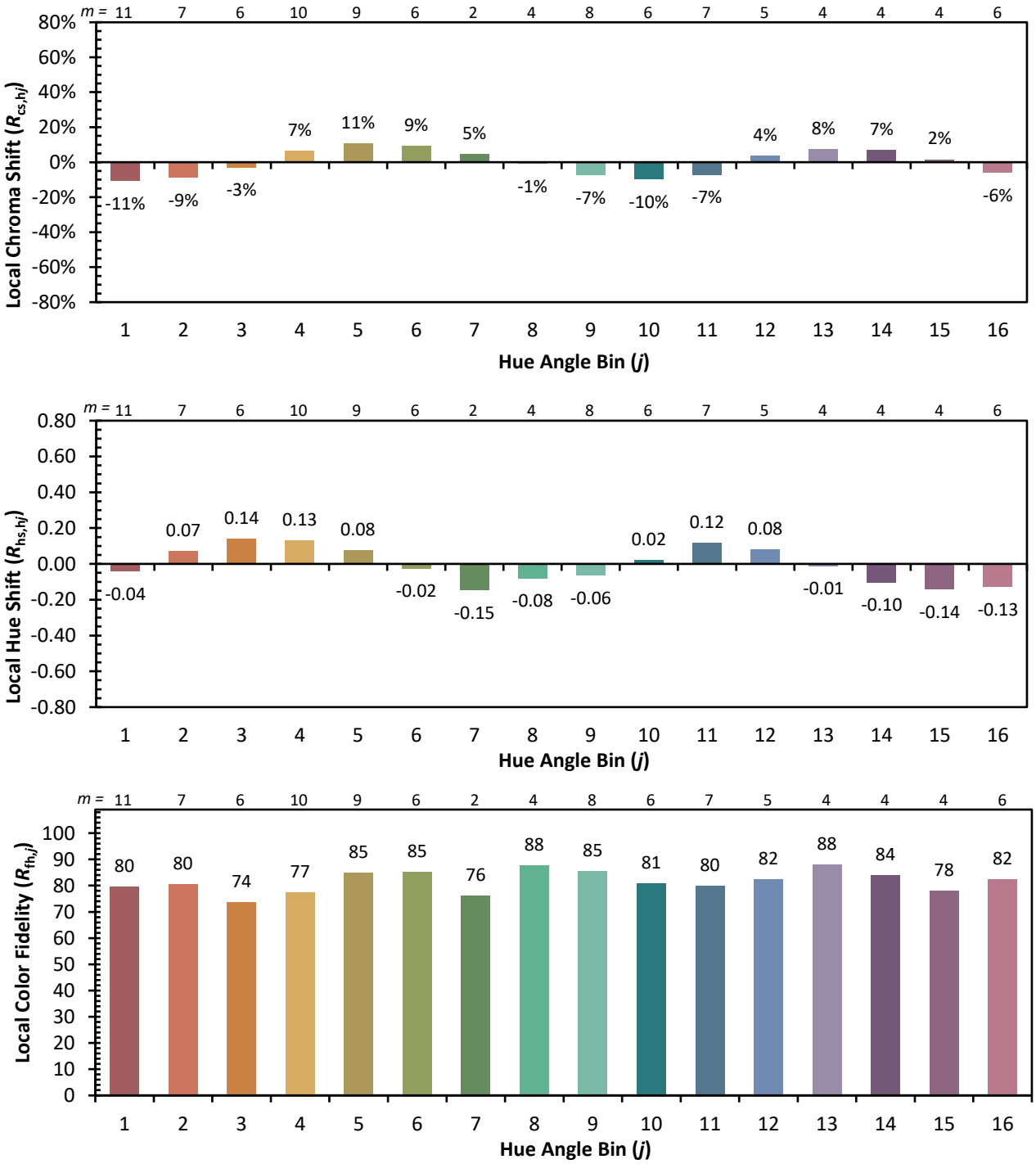
Color Rendition by Hue-Angle Bin



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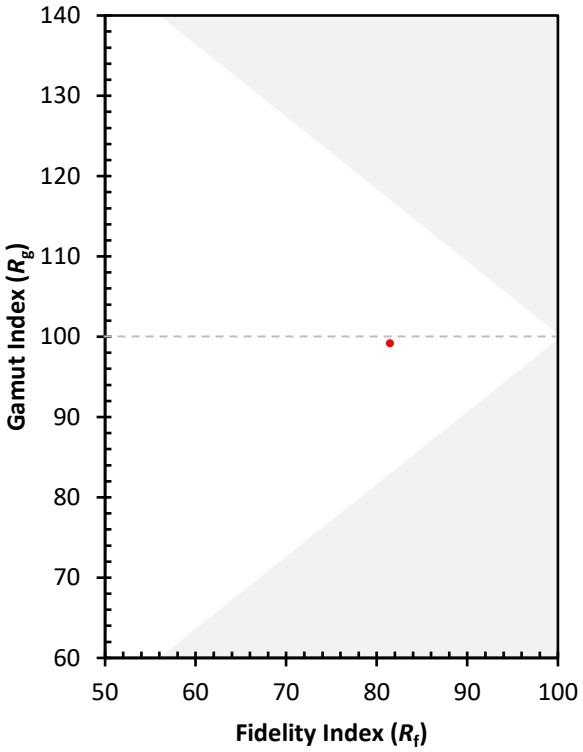
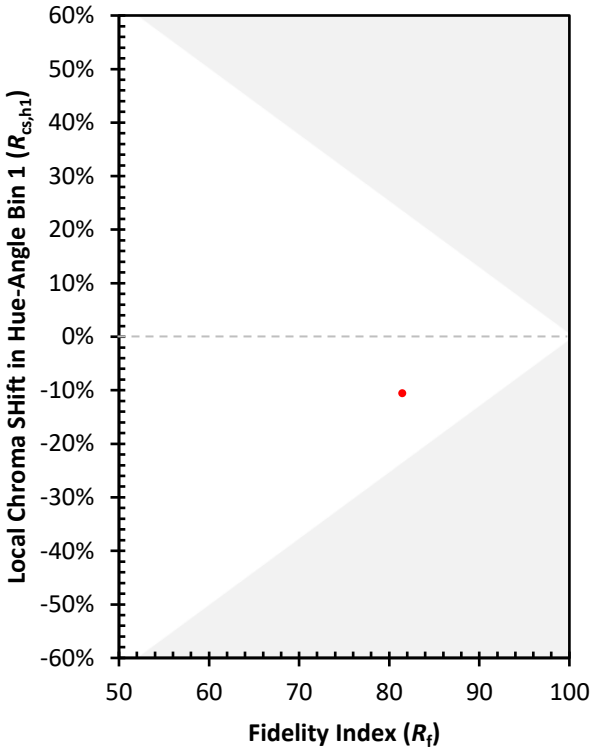
Measure Comparisons





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