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: P1458364

Luminaire Tested: GLAN-SB5B-830-U-T3LG-HSS

Issue Date: 05/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1458364
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5B-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 5xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19527.9 lumens
Efficiency:	N/A
Efficacy:	106.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	182.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1458364
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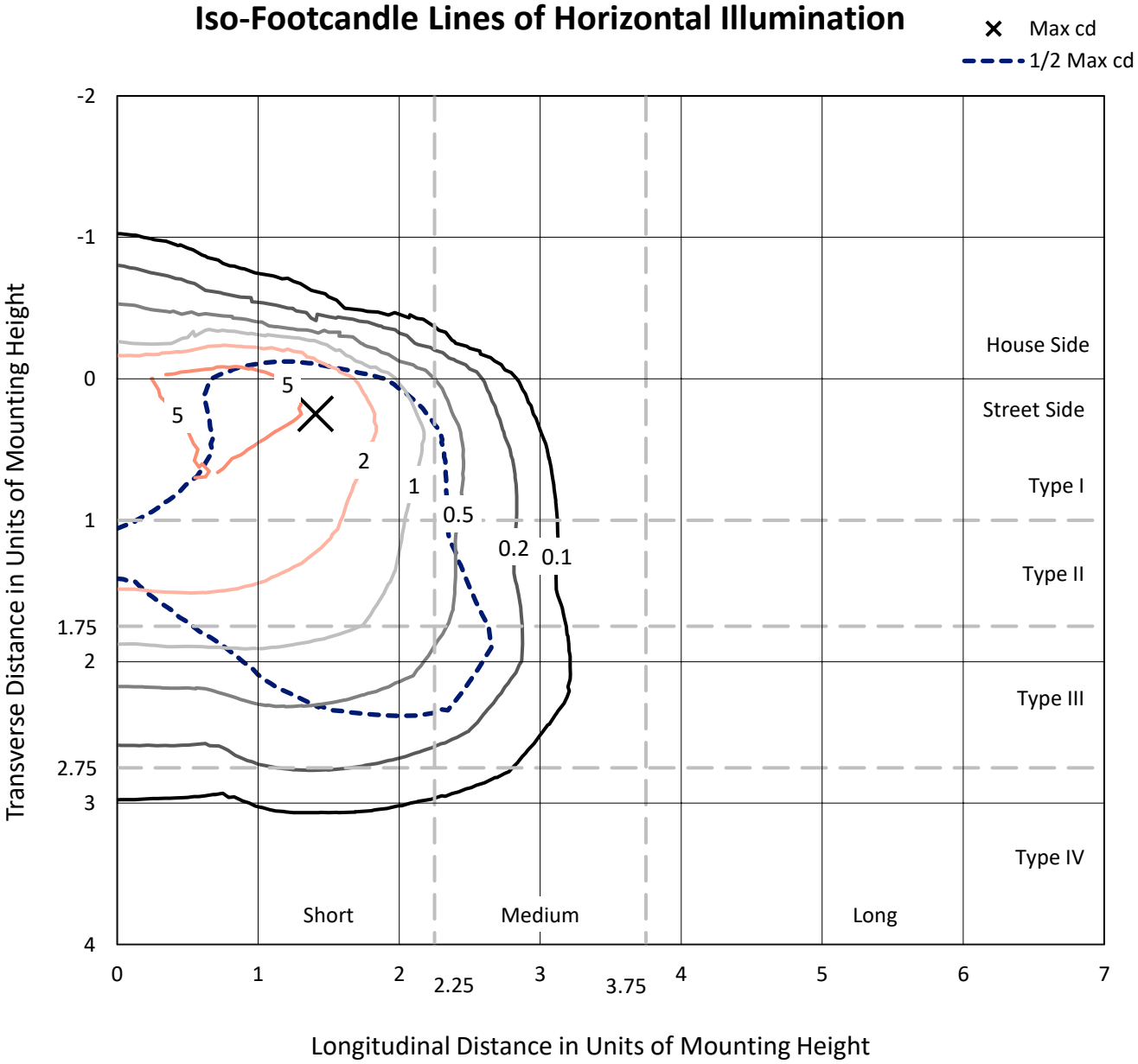
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.7 fc
Type III - Short - N/A

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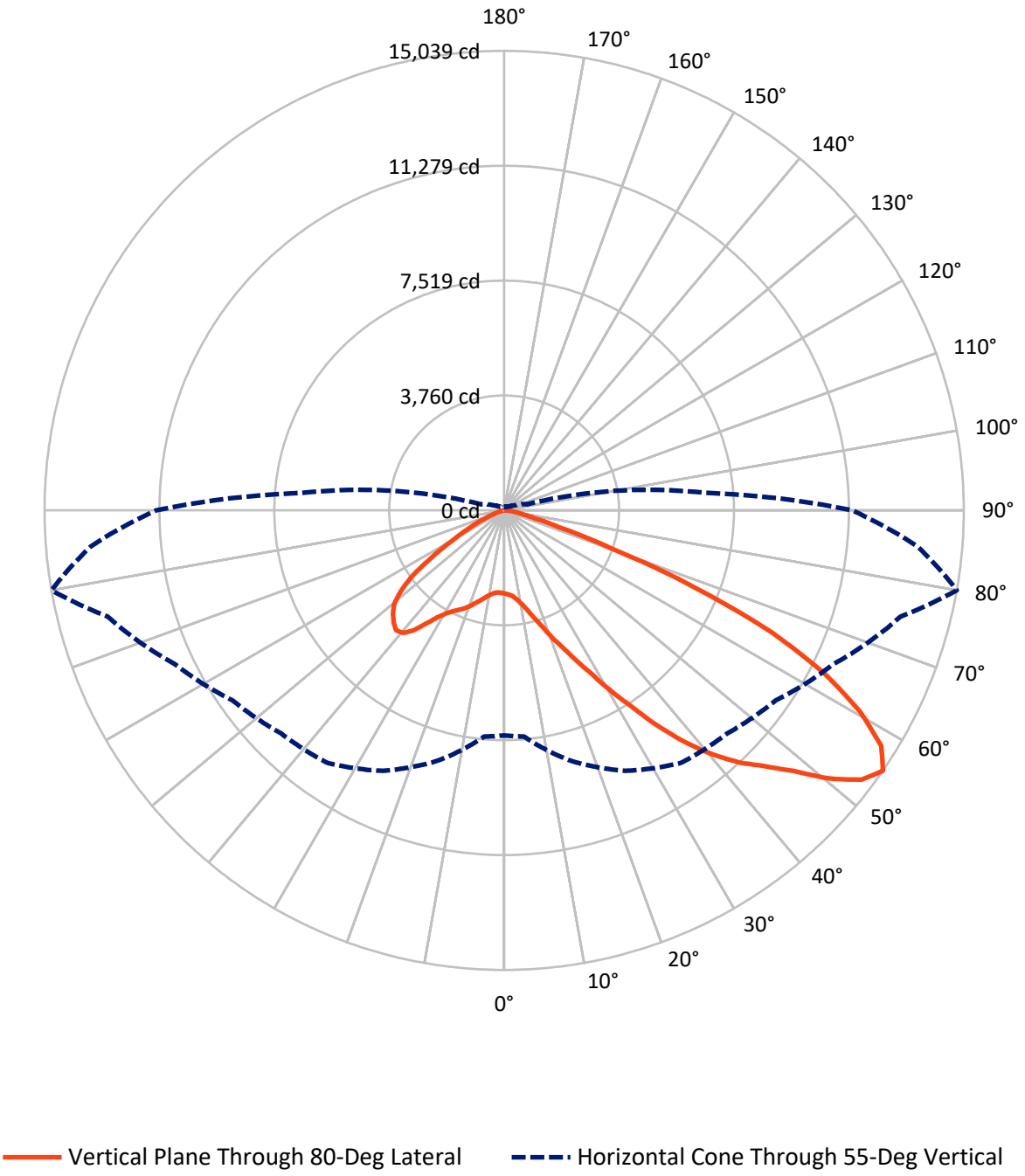
Luminous Intensity Polar Plot



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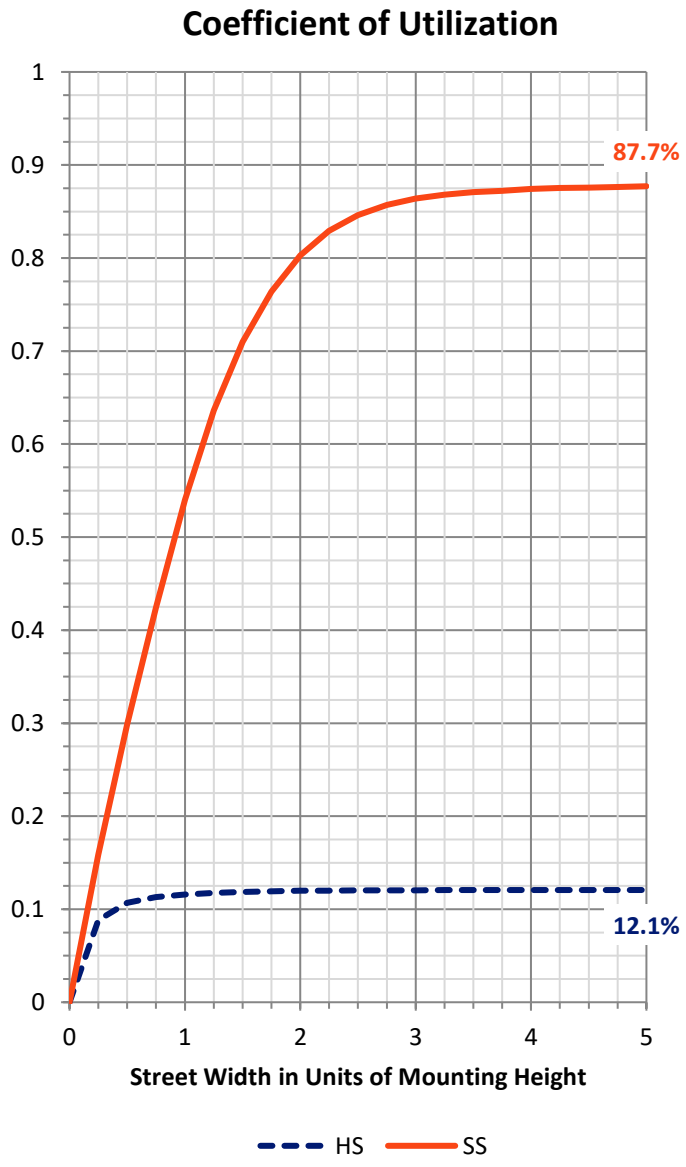
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2373.8	0.0	2373.8
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	17154.1	0.0	17154.1
	% Fixture	87.8	0.0	87.8
Total	Lumens	19527.9	0.0	19527.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	228.3	1.2
10°-20°	601.8	3.1
20°-30°	1178.2	6.0
30°-40°	2397.0	12.3
40°-50°	4041.0	20.7
50°-60°	5163.1	26.4
60°-70°	4408.1	22.6
70°-80°	1408.7	7.2
80°-90°	101.7	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19527.9	100.0
0°-180°	19527.9	100.0



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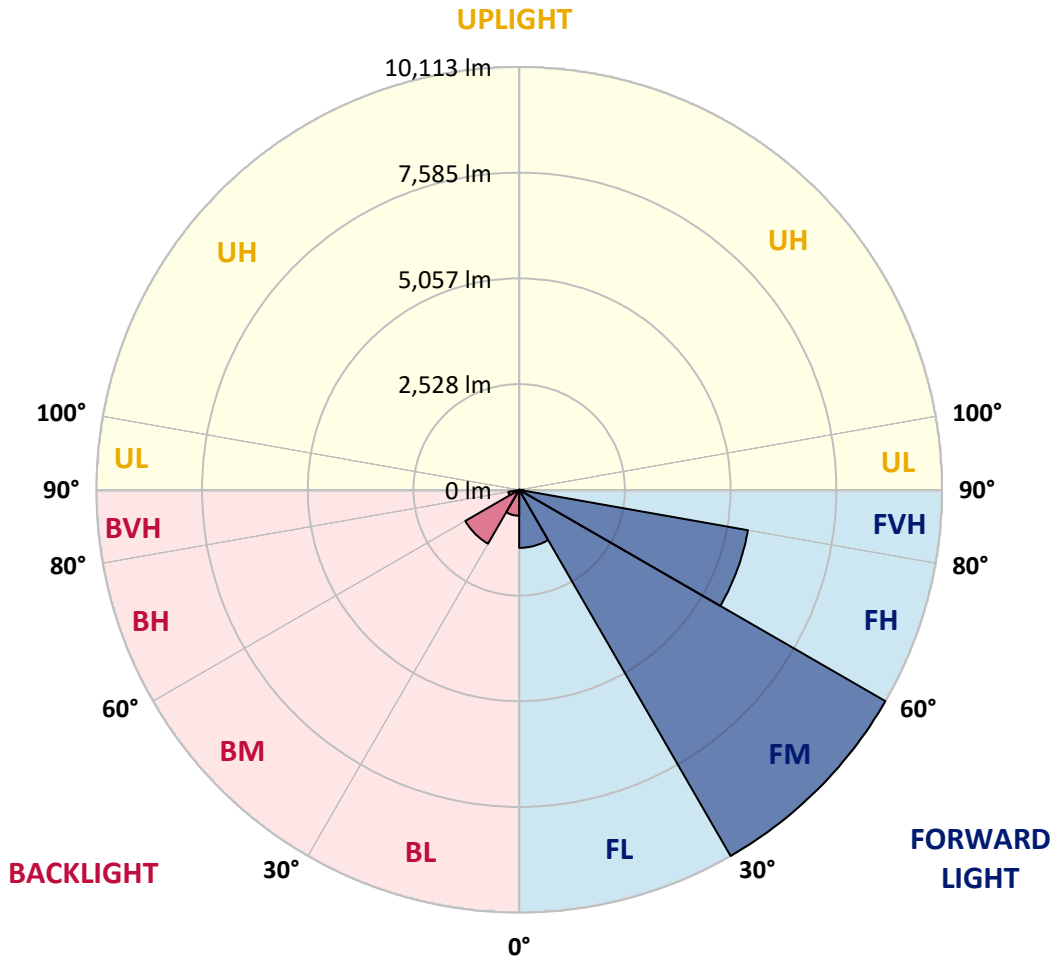
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1388.5	7.1			
FM	(30°-60°)	10113.4	51.8			
FH	(60°-80°)	5555.8	28.5			G3/7500
FVH	(80°-90°)	96.4	0.5			G1/100
BL	(0°-30°)	619.9	3.2	B2/1000		
BM	(30°-60°)	1487.7	7.6	B2/2500		
BH	(60°-80°)	260.9	1.3	B1/500		G1/500
BVH	(80°-90°)	5.3	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-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	*2720.2*	2720.2
2.5°	2736.9	2742.4	2736.9	2742.4	2753.5	2748.0	2770.2	2764.6	2764.6	*2759.1*	2736.9
5°	2581.4	2587.0	2598.1	2625.8	2664.7	2703.6	2753.5	2786.8	2820.1	*2814.6*	2792.4
7.5°	2276.1	2287.2	2331.6	2387.1	2514.8	2631.4	2759.1	2842.3	2914.5	*2936.7*	2920.1
10°	2104.0	2115.1	2142.9	2198.4	2315.0	2509.3	2759.1	2931.2	3058.8	*3103.3*	3108.8
12.5°	2087.3	2092.9	2115.1	2176.2	2276.1	2442.6	2753.5	3047.7	3264.2	*3330.9*	3353.1
15°	2098.4	2109.5	2131.8	2181.7	2298.3	2487.0	2797.9	3230.9	3536.3	*3630.6*	3636.2
17.5°	2142.9	2154.0	2181.7	2237.2	2364.9	2603.6	2936.7	3419.7	3863.8	*3969.3*	4030.3
20°	2231.7	2237.2	2270.5	2342.7	2487.0	2748.0	3142.1	3675.1	4258.0	*4413.4*	4457.8
22.5°	2348.3	2364.9	2409.3	2498.1	2681.3	2947.8	3425.2	3985.9	4691.0	*4852.0*	4929.7
25°	2475.9	2498.1	2564.8	2709.1	2942.3	3253.1	3775.0	4396.7	5201.7	*5396.0*	5501.5
27.5°	2736.9	2742.4	2786.8	2970.0	3269.8	3652.8	4219.1	4924.1	5801.3	*6028.9*	6145.4
30°	3308.7	3314.2	3275.4	3325.3	3630.6	4124.7	4740.9	5540.3	6500.7	*6817.2*	6911.5
32.5°	4008.1	4035.9	4030.3	3997.0	4135.8	4596.6	5362.7	6278.7	7322.4	*7655.4*	7744.3
35°	4802.0	4868.6	4852.0	4840.9	4857.5	5201.7	6073.3	7094.7	8255.0	*8660.3*	8732.4
37.5°	5579.2	5595.9	5673.6	5767.9	5779.1	6017.8	6894.9	7960.8	9121.0	*9637.3*	9748.3
40°	6178.8	6234.3	6428.6	6617.3	6811.6	7000.4	7572.2	8660.3	9809.4	*10503.3*	10553.3
42.5°	6645.1	6778.3	7061.4	7355.7	7749.8	7960.8	8216.1	9154.3	10370.1	*11275.0*	11252.8
45°	7211.3	7266.8	7666.5	8055.1	8454.8	8776.8	8771.3	9570.7	10808.7	*11935.6*	11796.8
47.5°	7594.4	7661.0	8205.0	8660.3	9071.1	9232.1	9265.4	10020.4	11413.8	*12735.0*	12407.5
50°	7799.8	7916.4	8510.4	9087.7	9531.8	9581.8	9731.7	10608.8	12207.6	*13795.3*	13179.1
52.5°	7822.0	7933.0	8615.8	9359.7	9842.7	9942.6	10198.0	11275.0	12979.3	*14644.7*	13623.2
55°	*7361.2*	*7427.8*	*8488.2*	*9404.1*	*10087.0*	*10320.1*	*10842.0*	*11891.2*	*13428.9*	*15038.9*	*13584.4*
57.5°	6928.2	6994.8	7916.4	9326.4	10336.8	10814.2	11530.3	12313.1	13079.2	*14550.3*	12718.4
60°	6556.3	6589.6	7427.8	8965.6	10431.2	11297.2	12124.4	11896.7	12174.3	*13379.0*	11236.1
62.5°	5856.8	5879.0	6872.7	8316.1	10242.4	11669.1	12329.8	11014.1	11180.6	*11763.5*	9493.0
65°	4424.5	4507.8	5418.2	7827.5	9931.5	11841.2	11852.3	9937.1	9765.0	*9626.2*	7466.7
67.5°	3003.3	3097.7	3647.3	7039.2	9426.4	11913.4	10925.2	8543.7	7438.9	*6722.8*	4890.8
70°	2398.2	2398.2	2587.0	5656.9	8227.2	10991.9	9776.1	6450.8	4724.3	*3713.9*	2620.3
72.5°	1576.6	1582.2	1759.8	3591.8	5834.6	8382.7	7971.9	3730.6	2453.7	*1893.0*	1293.5
75°	571.8	571.8	771.7	1437.8	3086.6	4990.7	4857.5	1782.0	1332.3	*1032.6*	782.8
77.5°	305.3	316.4	371.9	594.0	1182.5	2031.8	1898.6	910.4	755.0	*644.0*	488.5
80°	205.4	211.0	249.8	366.4	571.8	782.8	610.7	510.7	510.7	*433.0*	327.5
82.5°	111.0	116.6	166.5	238.7	305.3	366.4	294.2	299.8	360.8	*294.2*	188.7
85°	77.7	77.7	127.7	172.1	172.1	177.6	127.7	188.7	211.0	*183.2*	127.7
87.5°	44.4	44.4	72.2	83.3	83.3	77.7	38.9	66.6	83.3	*94.4*	55.5
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: P1458364
CATALOG NUMBER: GLAN-SB5B-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2	2720.2
2.5°	2731.3	2714.7	2681.3	2614.7	2581.4	2537.0	2498.1	2448.2	2437.1	2431.5	2409.3
5°	2775.7	2742.4	2642.5	2498.1	2376.0	2259.4	2142.9	2076.2	2020.7	1993.0	1987.4
7.5°	2886.8	2820.1	2636.9	2381.6	2154.0	1954.1	1782.0	1632.1	1554.4	1487.8	1493.3
10°	3053.3	2947.8	2648.0	2270.5	1931.9	1609.9	1360.1	1143.6	988.2	916.0	910.4
12.5°	3275.4	3125.5	2686.9	2159.5	1659.9	1210.2	893.8	766.1	732.8	727.2	721.7
15°	3547.4	3336.4	2725.8	2015.2	1293.5	838.3	727.2	699.5	693.9	688.4	688.4
17.5°	3874.9	3580.7	2748.0	1770.9	943.7	721.7	682.8	666.2	660.6	655.1	655.1
20°	4285.7	3852.7	2775.7	1460.0	799.4	693.9	649.5	627.3	621.8	621.8	616.2
22.5°	4691.0	4158.0	2753.5	1188.0	771.7	660.6	610.7	588.5	577.4	577.4	571.8
25°	5157.3	4468.9	2686.9	1071.4	766.1	632.9	571.8	538.5	521.8	516.3	516.3
27.5°	5690.2	4824.2	2581.4	1077.0	766.1	610.7	521.8	477.4	466.3	455.2	455.2
30°	6300.9	5257.2	2503.7	1149.1	777.2	588.5	477.4	421.9	405.3	394.2	399.7
32.5°	7000.4	5740.2	2498.1	1265.7	793.9	555.1	427.5	366.4	349.7	344.2	349.7
35°	7794.2	6339.7	2625.8	1354.6	749.4	483.0	366.4	316.4	299.8	299.8	305.3
37.5°	8676.9	7028.1	2797.9	1332.3	605.1	383.0	316.4	277.6	260.9	266.5	272.0
40°	9481.9	7566.6	2825.7	1138.0	455.2	327.5	272.0	244.3	233.2	238.7	244.3
42.5°	10092.5	7999.6	2559.2	882.7	383.0	277.6	233.2	211.0	205.4	216.5	216.5
45°	10586.6	8171.7	2137.3	655.1	338.6	238.7	205.4	194.3	183.2	188.7	188.7
47.5°	11102.9	8199.5	1743.2	527.4	299.8	216.5	188.7	177.6	166.5	166.5	166.5
50°	11602.5	8132.9	1332.3	466.3	277.6	194.3	172.1	161.0	149.9	144.3	144.3
52.5°	11724.6	7599.9	977.1	433.0	255.4	183.2	161.0	149.9	138.8	133.2	133.2
55°	*11386.0*	*6589.6*	*766.1*	*388.6*	*233.2*	*166.5*	*149.9*	*138.8*	*122.1*	*116.6*	*116.6*
57.5°	10270.2	5024.1	610.7	333.1	211.0	161.0	138.8	127.7	111.0	105.5	105.5
60°	8821.2	3564.0	494.1	272.0	194.3	144.3	127.7	111.0	99.9	88.8	88.8
62.5°	7216.9	2559.2	399.7	227.6	183.2	127.7	116.6	99.9	77.7	61.1	61.1
65°	5534.8	1837.5	310.9	183.2	166.5	111.0	99.9	83.3	61.1	44.4	44.4
67.5°	3580.7	1188.0	233.2	161.0	127.7	94.4	77.7	66.6	55.5	38.9	33.3
70°	1887.5	693.9	172.1	138.8	94.4	72.2	66.6	55.5	44.4	27.8	27.8
72.5°	977.1	455.2	127.7	122.1	72.2	50.0	55.5	44.4	33.3	16.7	16.7
75°	627.3	305.3	94.4	99.9	44.4	38.9	38.9	27.8	16.7	11.1	5.6
77.5°	405.3	205.4	66.6	83.3	27.8	22.2	22.2	11.1	5.6	0.0	0.0
80°	238.7	127.7	44.4	55.5	11.1	11.1	5.6	0.0	0.0	0.0	0.0
82.5°	122.1	66.6	22.2	22.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	77.7	33.3	5.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	38.9	11.1	5.6	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

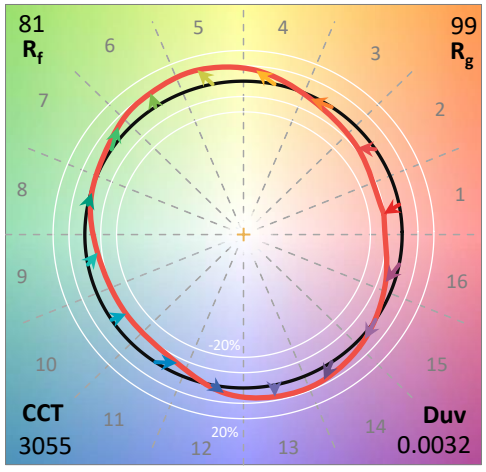
Test Information

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

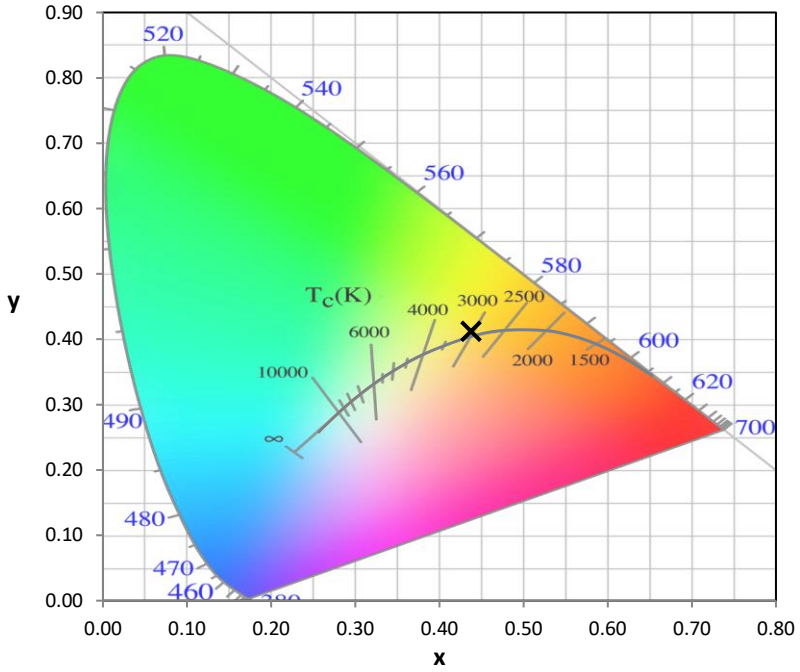
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

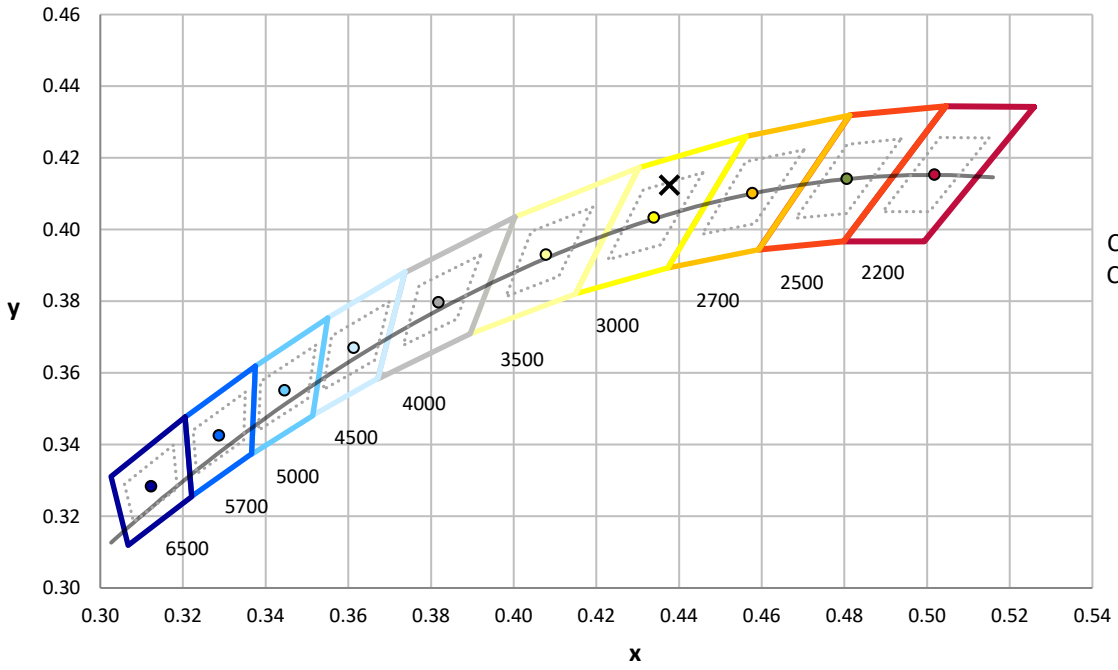
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

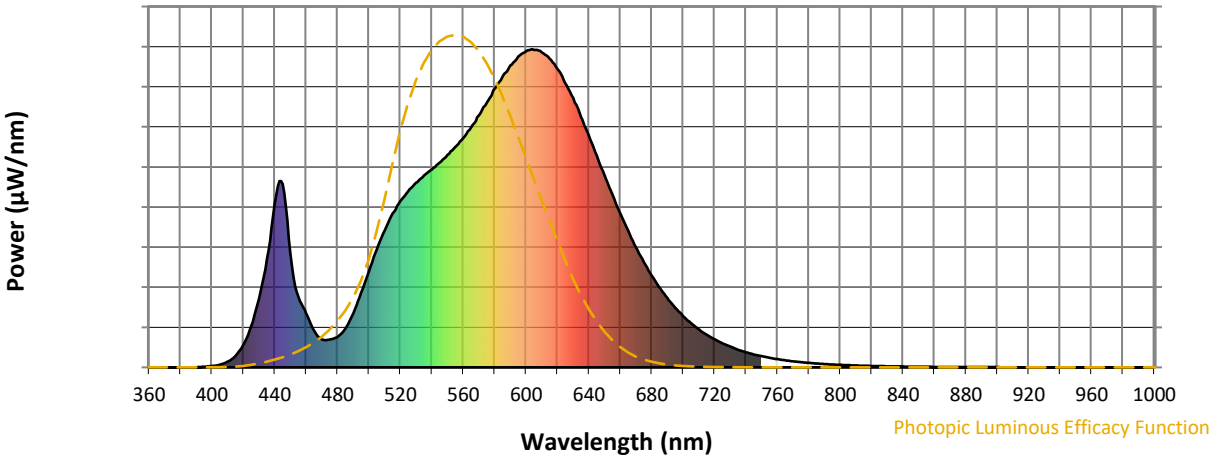


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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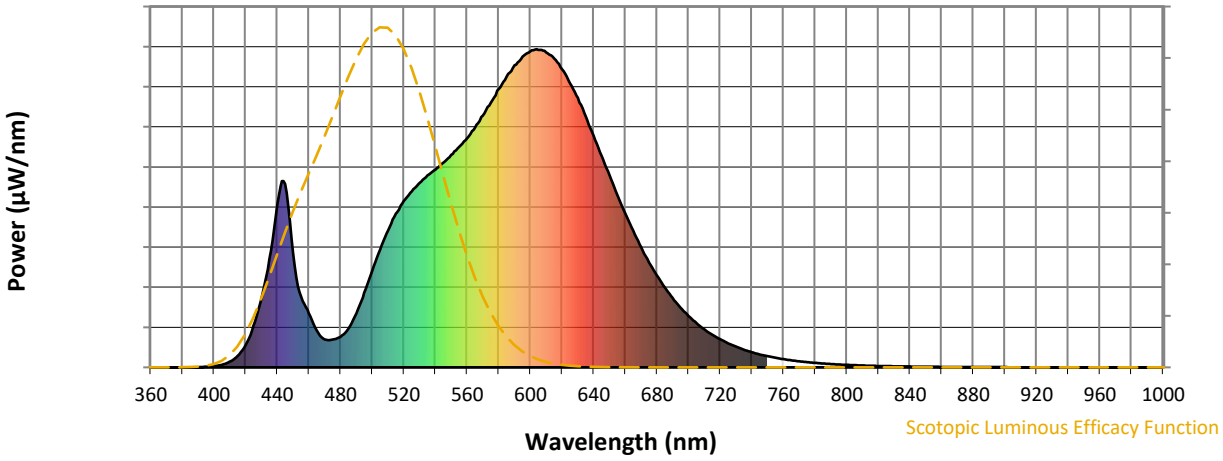
Scotopic Flux vs. Wavelength



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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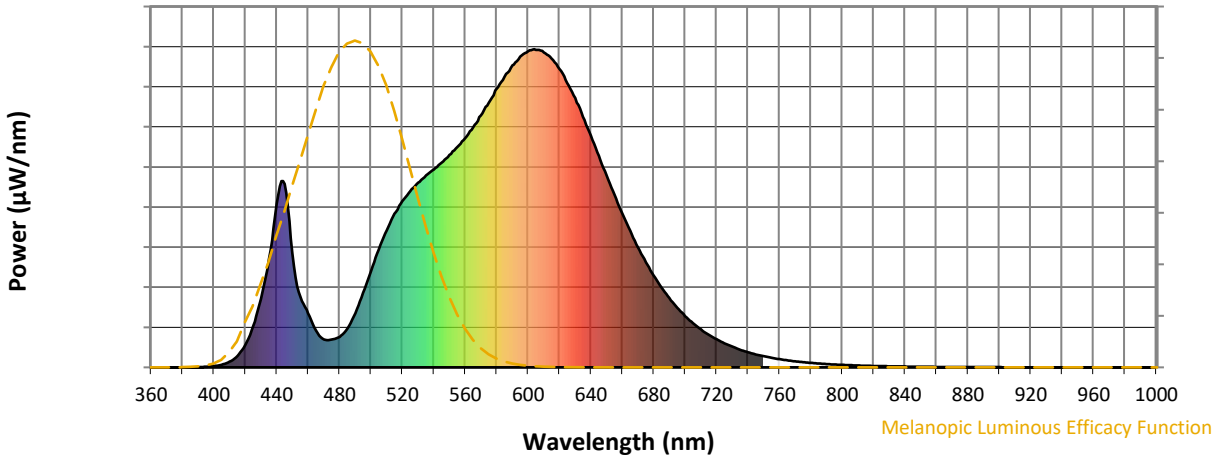
Melanopic Flux vs. Wavelength



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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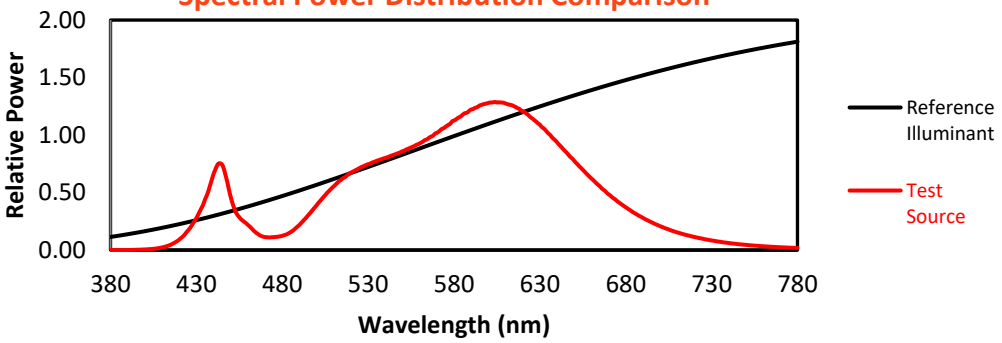
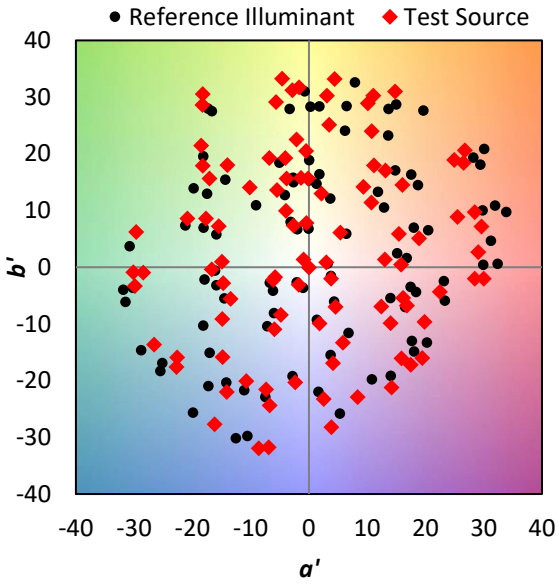
Summary

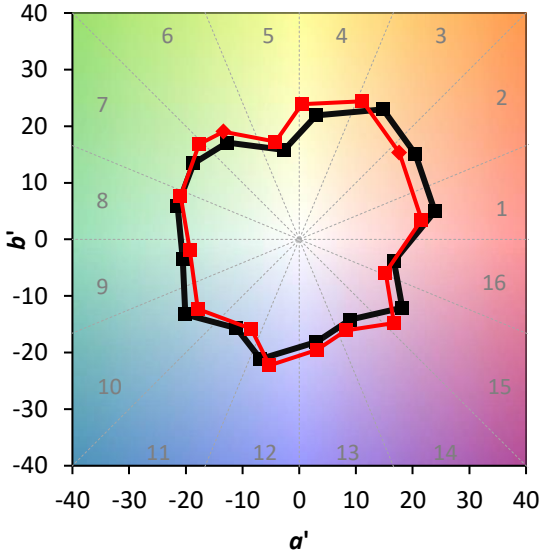
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

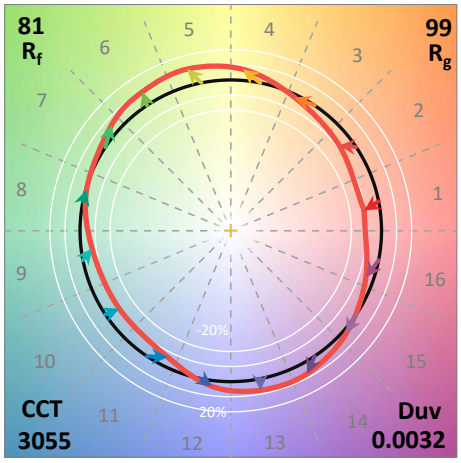
Spectral Power Distribution Comparison

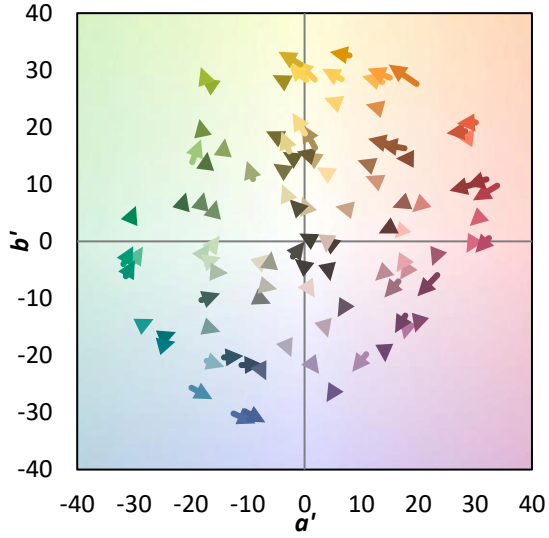


Color Vector Graphics









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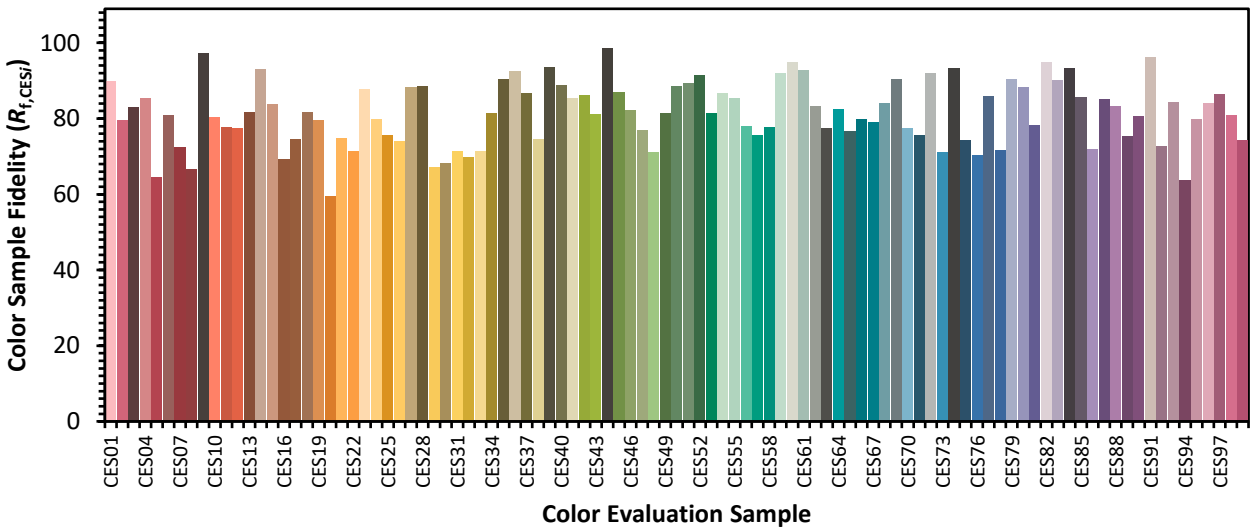
Individual Sample Fidelity Index ($R_{f,i}$)

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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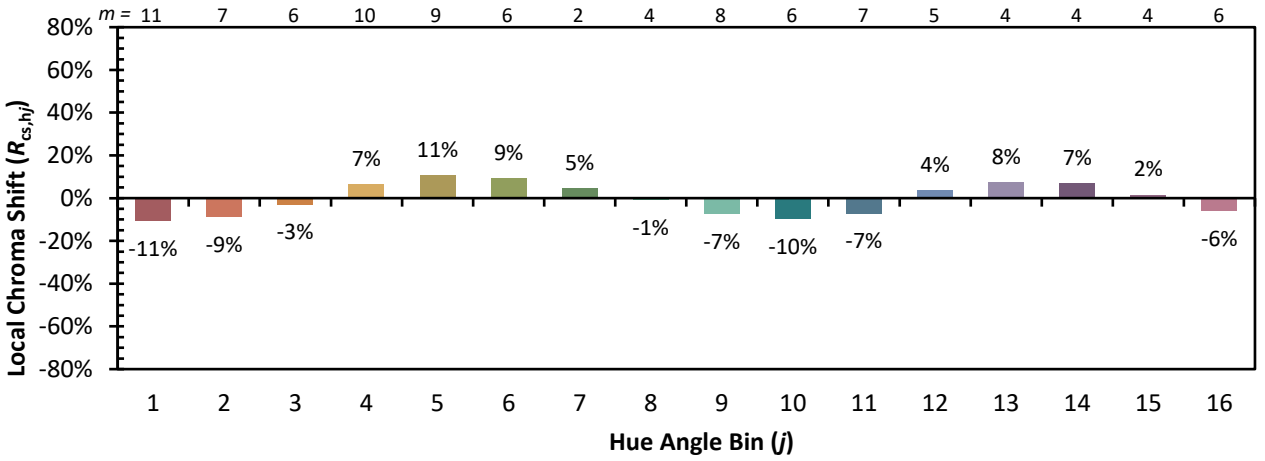
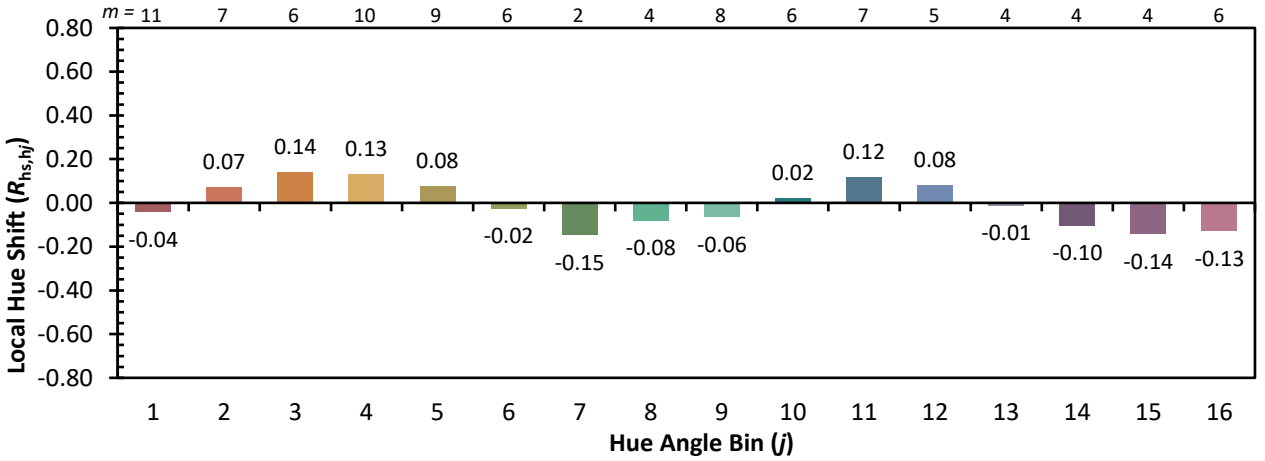
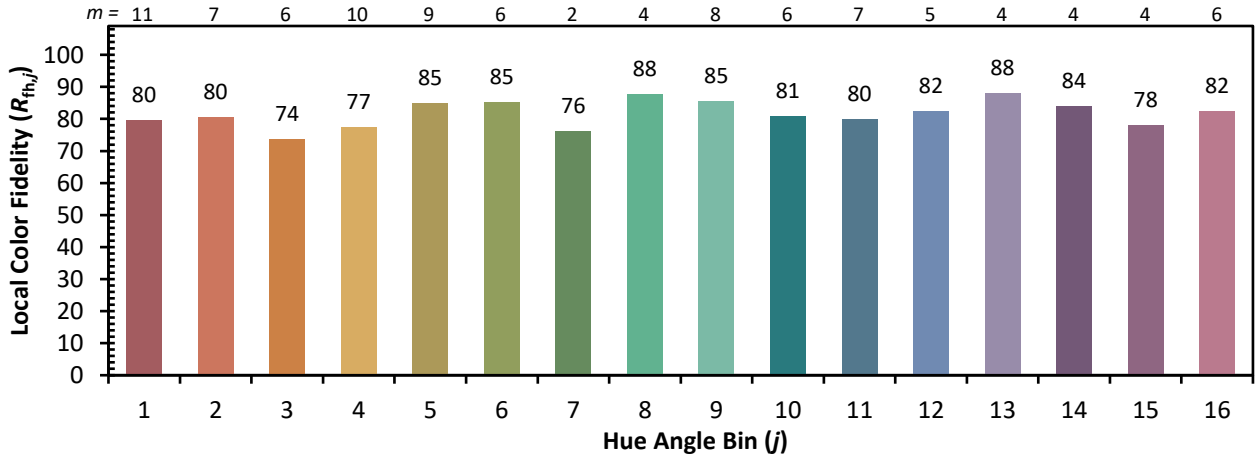
Color Rendition by Hue-Angle Bin







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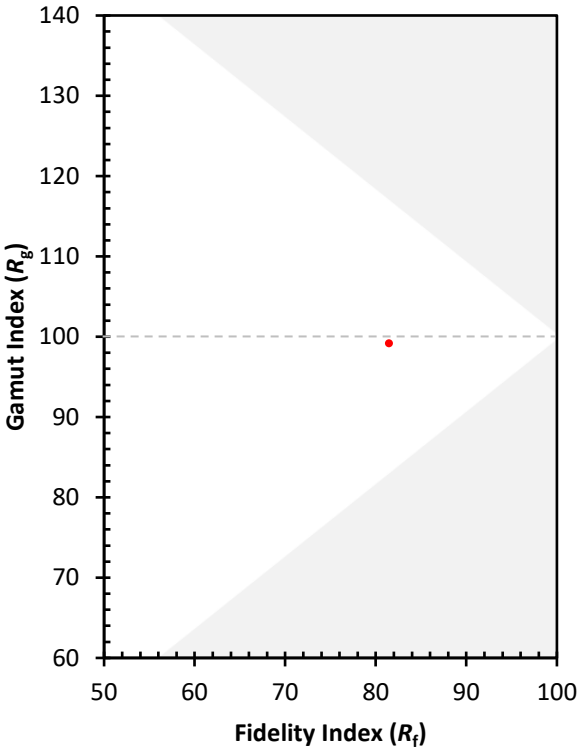
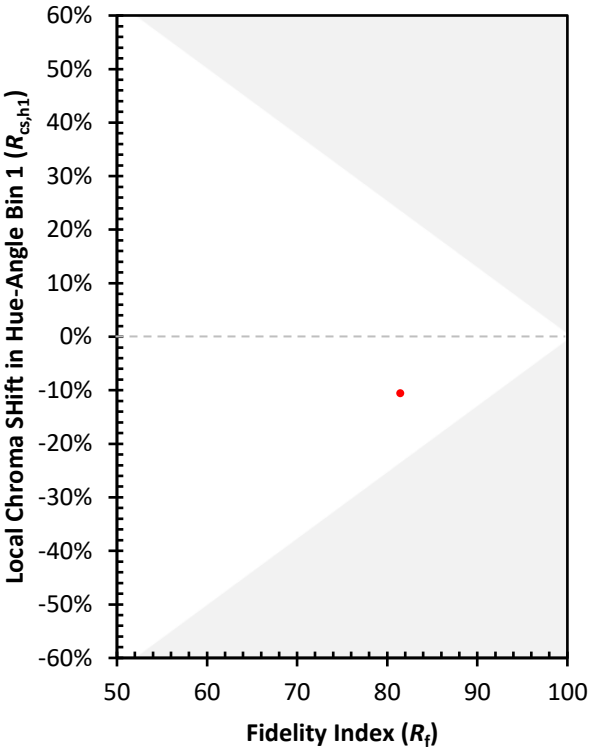
Measure Comparisons





(END OF REPORT)