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: P1458382

Luminaire Tested: GLAN-SB9D-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:	P1458382
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9D-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 9xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III 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:	63631.9 lumens
Efficiency:	N/A
Efficacy:	96.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G5

Input Watts (W):	658
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: P1458382
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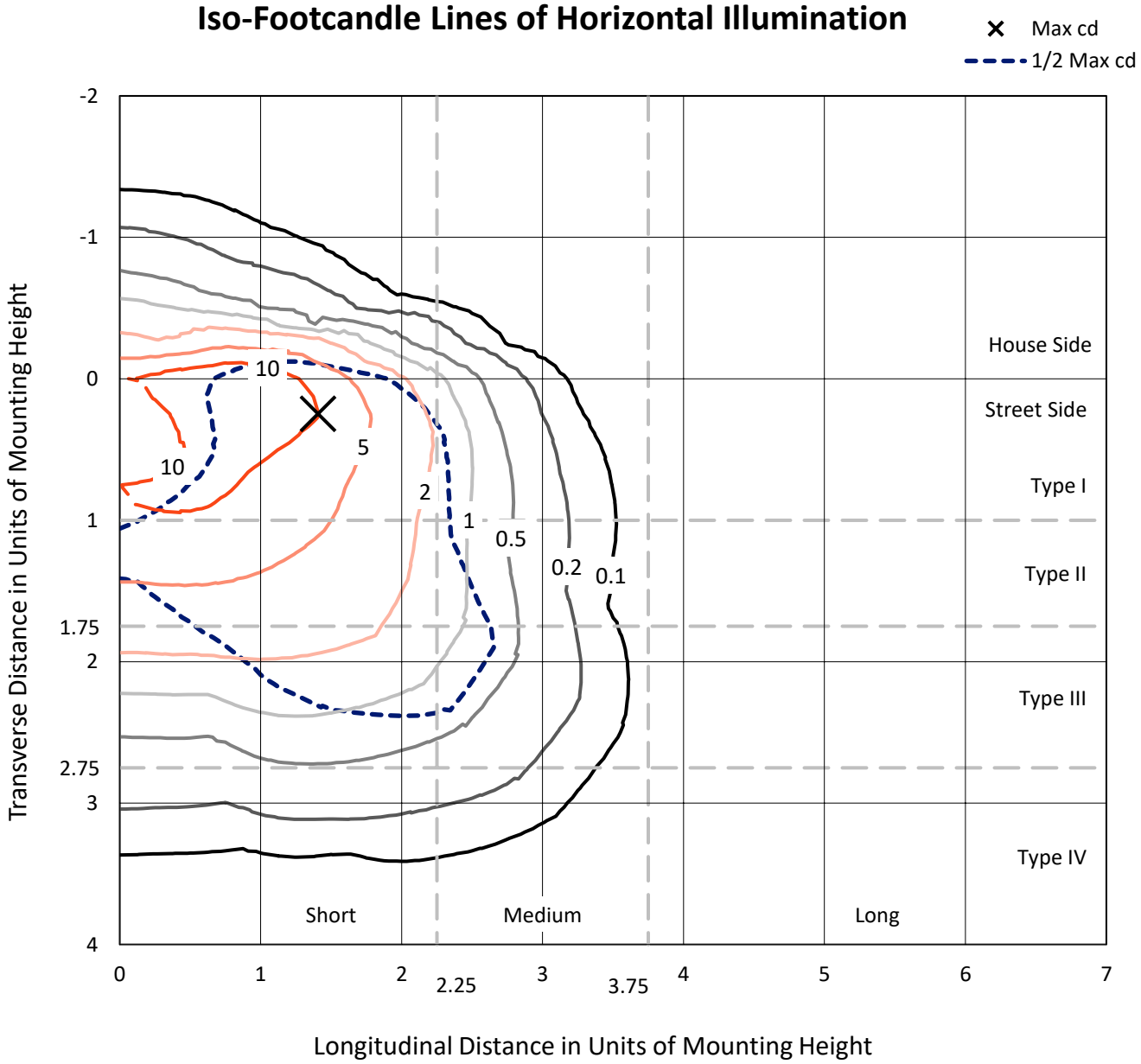
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 17.4 fc
Type III - Short - N/A

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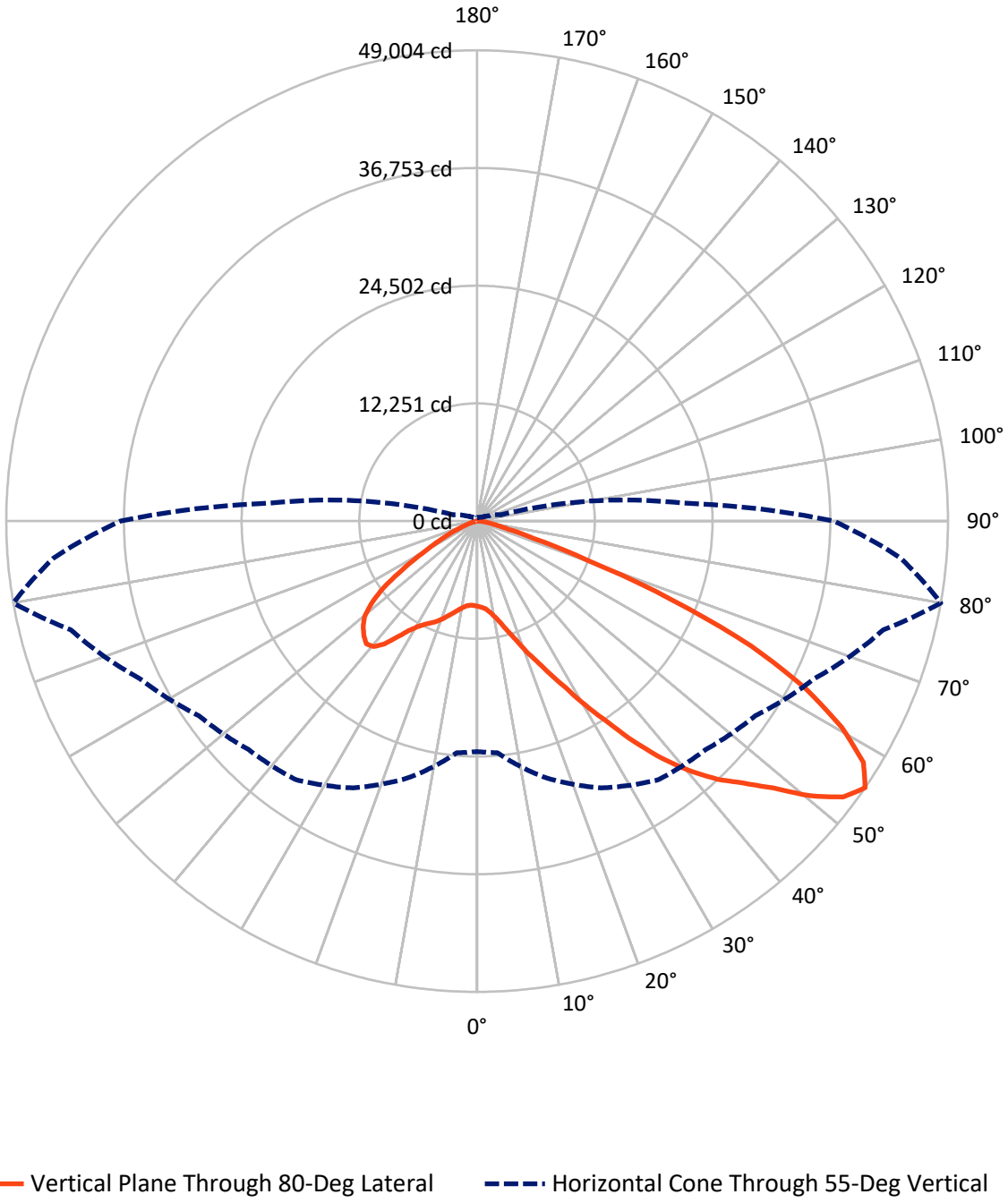
Luminous Intensity Polar Plot



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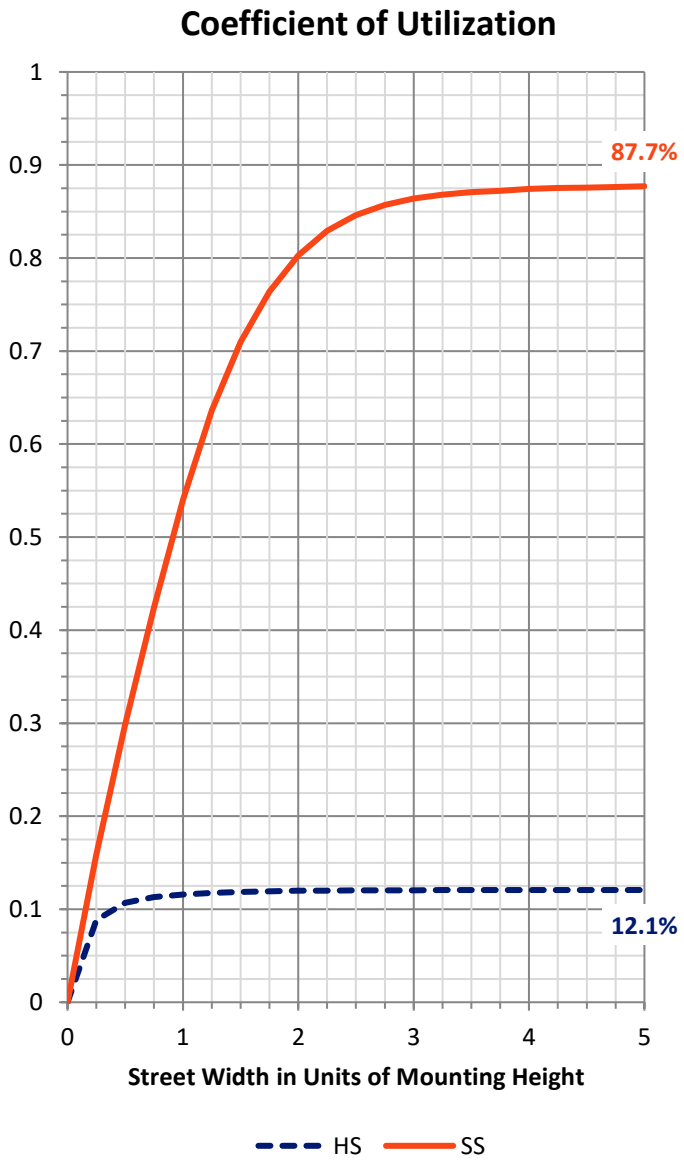
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7735.2	0.0	7735.2
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	55896.7	0.0	55896.7
	% Fixture	87.8	0.0	87.8
Total	Lumens	63631.9	0.0	63631.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	743.9	1.2
10°-20°	1961.1	3.1
20°-30°	3839.2	6.0
30°-40°	7810.6	12.3
40°-50°	13167.5	20.7
50°-60°	16824.1	26.4
60°-70°	14363.9	22.6
70°-80°	4590.1	7.2
80°-90°	331.4	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°	63631.9	100.0
0°-180°	63631.9	100.0



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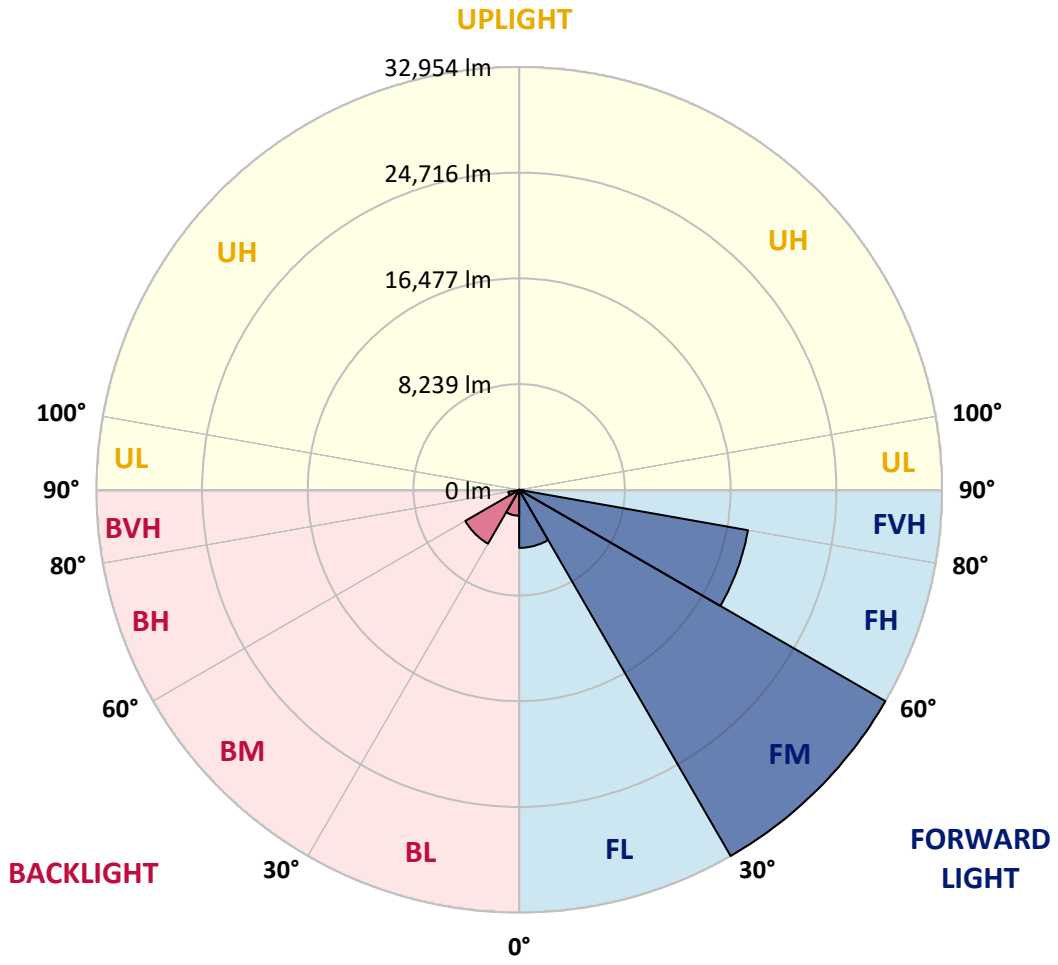
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4524.3	7.1			
FM	(30°-60°)	32954.4	51.8			
FH	(60°-80°)	18103.8	28.5			G5
FVH	(80°-90°)	314.2	0.5			G3/500
BL	(0°-30°)	2019.9	3.2	B3/2500		
BM	(30°-60°)	4847.8	7.6	B3/5000		
BH	(60°-80°)	850.2	1.3	B2/1000		G2/1000
BVH	(80°-90°)	17.3	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
Type III Short



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REPORT NUMBER: P1458382
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	8863.8	8863.8	8863.8	8863.8	8863.8	8863.8	8863.8	8863.8	8863.8	*8863.8*	8863.8
2.5°	8918.1	8936.2	8918.1	8936.2	8972.4	8954.3	9026.6	9008.5	9008.5	*8990.4*	8918.1
5°	8411.6	8429.7	8465.9	8556.3	8682.9	8809.6	8972.4	9080.9	9189.4	*9171.3*	9099.0
7.5°	7416.7	7452.8	7597.6	7778.5	8194.5	8574.4	8990.4	9261.8	9496.9	*9569.3*	9515.0
10°	6855.9	6892.1	6982.5	7163.4	7543.3	8176.4	8990.4	9551.2	9967.3	*10112.0*	10130.1
12.5°	6801.6	6819.7	6892.1	7091.1	7416.7	7959.3	8972.4	9931.1	10636.6	*10853.7*	10926.0
15°	6837.8	6874.0	6946.3	7109.1	7489.0	8104.1	9117.1	10528.0	11523.0	*11830.5*	11848.6
17.5°	6982.5	7018.7	7109.1	7290.0	7706.1	8483.9	9569.3	11143.1	12590.2	*12933.9*	13132.9
20°	7271.9	7290.0	7398.6	7633.7	8104.1	8954.3	10238.6	11975.2	13874.6	*14381.1*	14525.8
22.5°	7651.8	7706.1	7850.8	8140.2	8737.2	9605.5	11161.2	12988.2	15285.6	*15810.2*	16063.4
25°	8067.9	8140.2	8357.3	8827.6	9587.4	10600.4	12300.8	14326.8	16949.8	*17582.9*	17926.6
27.5°	8918.1	8936.2	9080.9	9677.8	10654.7	11902.8	13748.0	16045.3	18903.5	*19645.1*	20025.0
30°	10781.3	10799.4	10672.8	10835.6	11830.5	13440.4	15448.4	18053.2	21182.7	*22213.8*	22521.3
32.5°	13060.6	13151.0	13132.9	13024.4	13476.6	14978.0	17474.4	20459.1	23860.0	*24945.3*	25234.7
35°	15647.4	15864.4	15810.2	15774.0	15828.2	16949.8	19789.8	23118.3	26899.0	*28219.5*	28454.7
37.5°	18179.9	18234.1	18487.4	18794.9	18831.1	19608.9	22467.1	25940.2	29720.9	*31403.2*	31765.0
40°	20133.5	20314.4	20947.6	21562.6	22195.7	22810.8	24674.0	28219.5	31964.0	*34225.2*	34388.0
42.5°	21653.0	22087.2	23009.8	23968.5	25252.8	25940.2	26772.4	29829.5	33791.0	*36739.6*	36667.3
45°	23498.2	23679.1	24981.5	26247.8	27550.2	28599.4	28581.3	31186.2	35220.1	*38892.3*	38440.0
47.5°	24746.3	24963.4	26736.2	28219.5	29558.1	30082.7	30191.3	32651.4	37191.9	*41497.1*	40429.9
50°	25415.6	25795.5	27731.1	29612.4	31059.5	31222.3	31710.8	34568.9	39778.6	*44952.2*	42944.3
52.5°	25488.0	25849.8	28074.8	30498.8	32072.6	32398.2	33230.3	36739.6	42293.1	*47719.9*	44391.5
55°	*23986.6*	*24203.7*	*27658.7*	*30643.5*	*32868.5*	*33628.2*	*35328.6*	*38747.6*	*43758.3*	*49004.3*	*44264.8*
57.5°	22575.6	22792.7	25795.5	30390.2	33682.5	35238.2	37571.7	40122.3	42618.7	*47412.4*	41442.9
60°	21363.6	21472.1	24203.7	29214.4	33990.0	36812.0	39507.3	38765.6	39670.1	*43595.5*	36613.0
62.5°	19084.3	19156.7	22394.7	27098.0	33375.0	38024.0	40176.6	35889.4	36432.1	*38331.5*	30932.9
65°	14417.3	14688.6	17655.3	25506.1	32362.0	38584.7	38620.9	32380.1	31819.3	*31367.1*	24330.3
67.5°	9786.4	10093.9	11884.8	22937.4	30715.8	38819.9	35600.0	27839.6	24239.8	*21906.3*	15936.8
70°	7814.6	7814.6	8429.7	18433.1	26808.5	35817.1	31855.5	21019.9	15394.1	*12101.8*	8538.2
72.5°	5137.4	5155.5	5734.3	11703.9	19012.0	27315.0	25976.4	12156.1	7995.5	*6168.5*	4214.8
75°	1863.2	1863.2	2514.4	4685.2	10057.7	16262.4	15828.2	5806.7	4341.5	*3364.6*	2550.6
77.5°	994.9	1031.1	1212.0	1935.6	3853.0	6620.7	6186.6	2966.7	2460.2	*2098.4*	1591.9
80°	669.3	687.4	814.0	1193.9	1863.2	2550.6	1989.8	1664.2	1664.2	*1411.0*	1067.3
82.5°	361.8	379.9	542.7	777.8	994.9	1193.9	958.7	976.8	1175.8	*958.7*	615.0
85°	253.3	253.3	416.1	560.8	560.8	578.9	416.1	615.0	687.4	*597.0*	416.1
87.5°	144.7	144.7	235.2	271.3	271.3	253.3	126.6	217.1	271.3	*307.5*	180.9
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: P1458382
CATALOG NUMBER: GLAN-SB9D-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8863.8	8863.8	8863.8	8863.8	8863.8	8863.8	8863.8	8863.8	8863.8	8863.8	8863.8
2.5°	8900.0	8845.7	8737.2	8520.1	8411.6	8266.9	8140.2	7977.4	7941.3	7923.2	7850.8
5°	9044.7	8936.2	8610.6	8140.2	7742.3	7362.4	6982.5	6765.4	6584.6	6494.1	6476.0
7.5°	9406.5	9189.4	8592.5	7760.4	7018.7	6367.5	5806.7	5318.3	5065.0	4848.0	4866.1
10°	9949.2	9605.5	8628.7	7398.6	6295.1	5245.9	4431.9	3726.4	3219.9	2984.8	2966.7
12.5°	10672.8	10184.3	8755.3	7036.8	5408.7	3943.5	2912.4	2496.3	2387.8	2369.7	2351.6
15°	11559.1	10871.7	8881.9	6566.5	4214.8	2731.5	2369.7	2279.3	2261.2	2243.1	2243.1
17.5°	12626.4	11667.7	8954.3	5770.5	3075.2	2351.6	2225.0	2170.7	2152.6	2134.6	2134.6
20°	13965.0	12554.1	9044.7	4757.5	2604.9	2261.2	2116.5	2044.1	2026.0	2026.0	2007.9
22.5°	15285.6	13549.0	8972.4	3871.1	2514.4	2152.6	1989.8	1917.5	1881.3	1881.3	1863.2
25°	16805.1	14562.0	8755.3	3491.3	2496.3	2062.2	1863.2	1754.7	1700.4	1682.3	1682.3
27.5°	18541.7	15719.7	8411.6	3509.3	2496.3	1989.8	1700.4	1555.7	1519.5	1483.3	1483.3
30°	20531.5	17130.7	8158.3	3744.5	2532.5	1917.5	1555.7	1374.8	1320.5	1284.3	1302.4
32.5°	22810.8	18704.5	8140.2	4124.4	2586.8	1808.9	1392.9	1193.9	1139.6	1121.5	1139.6
35°	25397.6	20658.1	8556.3	4413.8	2442.1	1573.8	1193.9	1031.1	976.8	976.8	994.9
37.5°	28273.8	22901.2	9117.1	4341.5	1971.7	1248.2	1031.1	904.5	850.2	868.3	886.4
40°	30896.7	24655.9	9207.5	3708.3	1483.3	1067.3	886.4	795.9	759.8	777.8	795.9
42.5°	32886.6	26066.9	8339.2	2876.2	1248.2	904.5	759.8	687.4	669.3	705.5	705.5
45°	34496.5	26627.6	6964.4	2134.6	1103.5	777.8	669.3	633.1	597.0	615.0	615.0
47.5°	36178.9	26718.1	5680.1	1718.5	976.8	705.5	615.0	578.9	542.7	542.7	542.7
50°	37806.9	26501.0	4341.5	1519.5	904.5	633.1	560.8	524.6	488.4	470.3	470.3
52.5°	38204.9	24764.4	3183.7	1411.0	832.1	597.0	524.6	488.4	452.2	434.1	434.1
55°	*37101.4*	*21472.1*	*2496.3*	*1266.3*	*759.8*	*542.7*	*488.4*	*452.2*	*398.0*	*379.9*	*379.9*
57.5°	33465.4	16370.9	1989.8	1085.4	687.4	524.6	452.2	416.1	361.8	343.7	343.7
60°	28744.1	11613.4	1610.0	886.4	633.1	470.3	416.1	361.8	325.6	289.4	289.4
62.5°	23516.3	8339.2	1302.4	741.7	597.0	416.1	379.9	325.6	253.3	199.0	199.0
65°	18035.2	5987.6	1013.0	597.0	542.7	361.8	325.6	271.3	199.0	144.7	144.7
67.5°	11667.7	3871.1	759.8	524.6	416.1	307.5	253.3	217.1	180.9	126.6	108.5
70°	6150.4	2261.2	560.8	452.2	307.5	235.2	217.1	180.9	144.7	90.4	90.4
72.5°	3183.7	1483.3	416.1	398.0	235.2	162.8	180.9	144.7	108.5	54.3	54.3
75°	2044.1	994.9	307.5	325.6	144.7	126.6	126.6	90.4	54.3	36.2	18.1
77.5°	1320.5	669.3	217.1	271.3	90.4	72.4	72.4	36.2	18.1	0.0	0.0
80°	777.8	416.1	144.7	180.9	36.2	36.2	18.1	0.0	0.0	0.0	0.0
82.5°	398.0	217.1	72.4	72.4	18.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	253.3	108.5	18.1	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	126.6	36.2	18.1	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

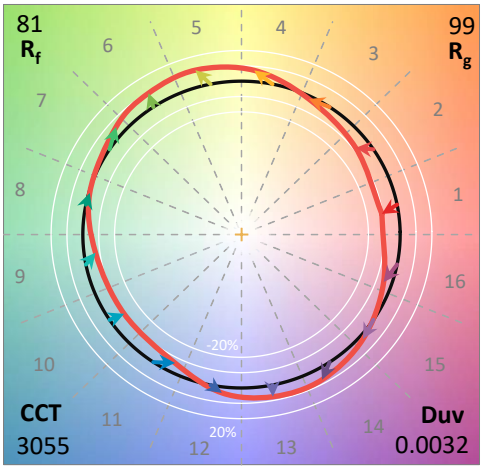
Test Information

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

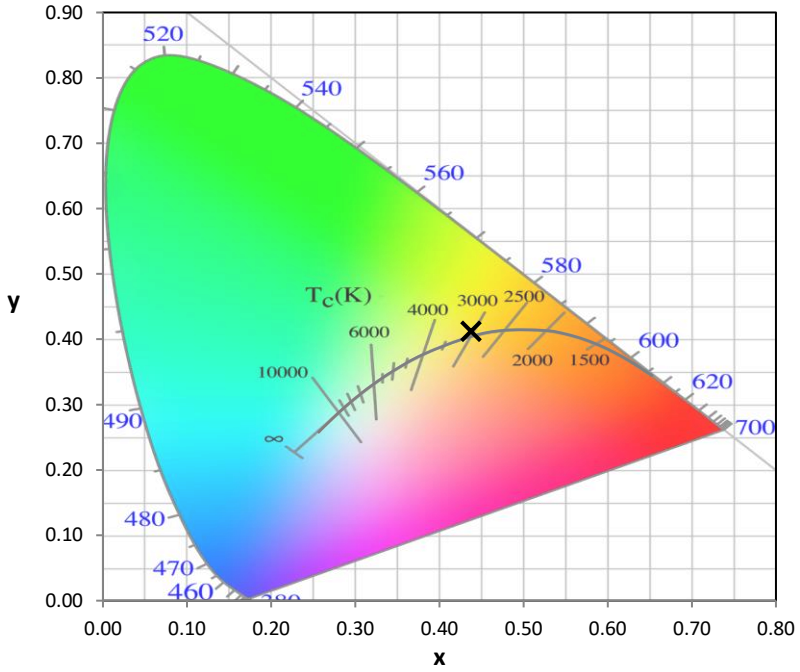
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

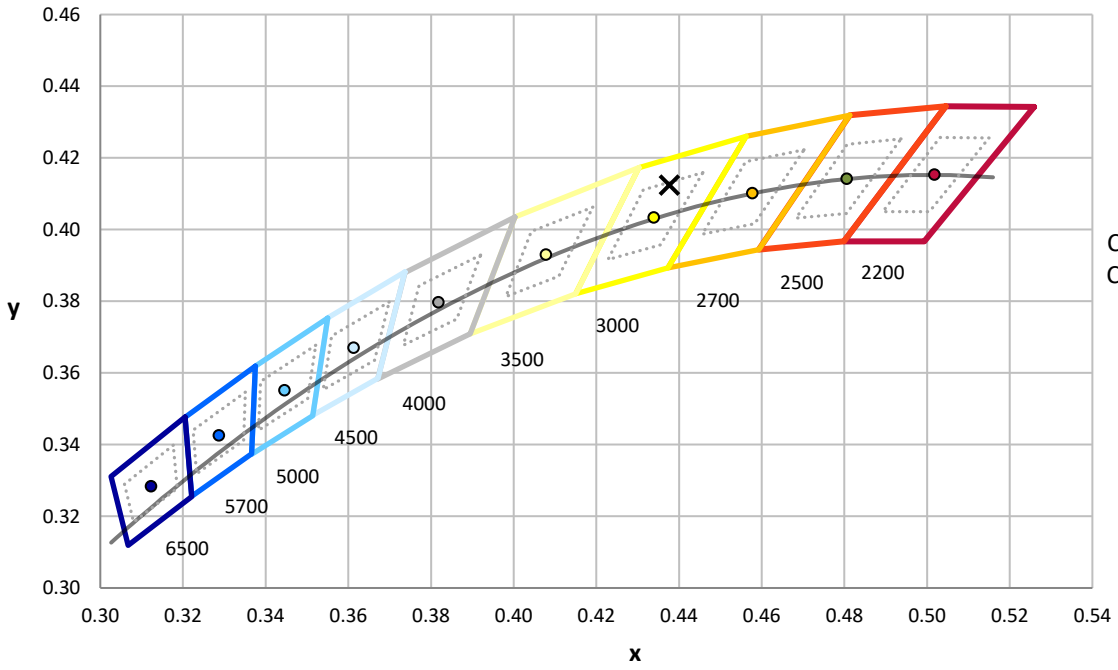
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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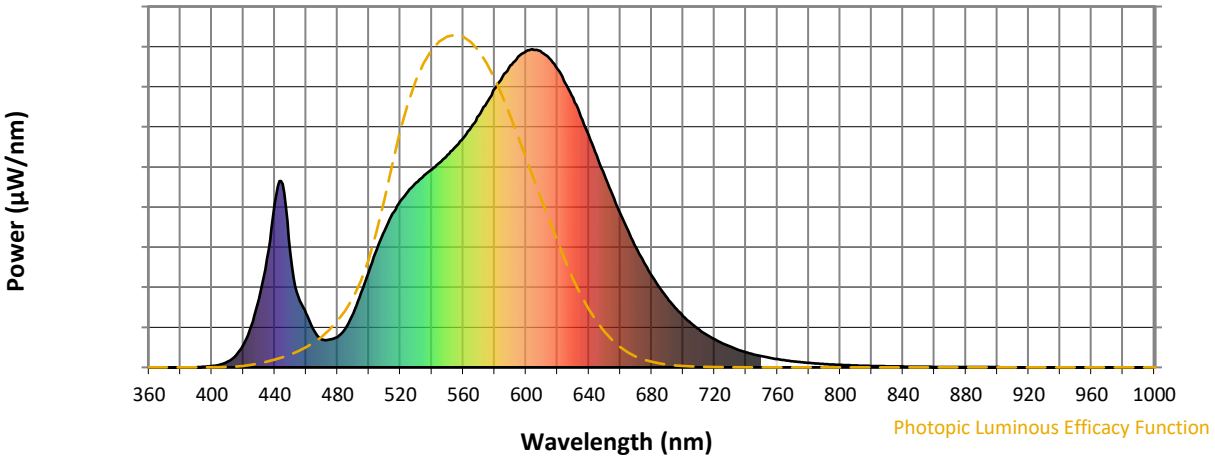
Photopic Flux vs. Wavelength



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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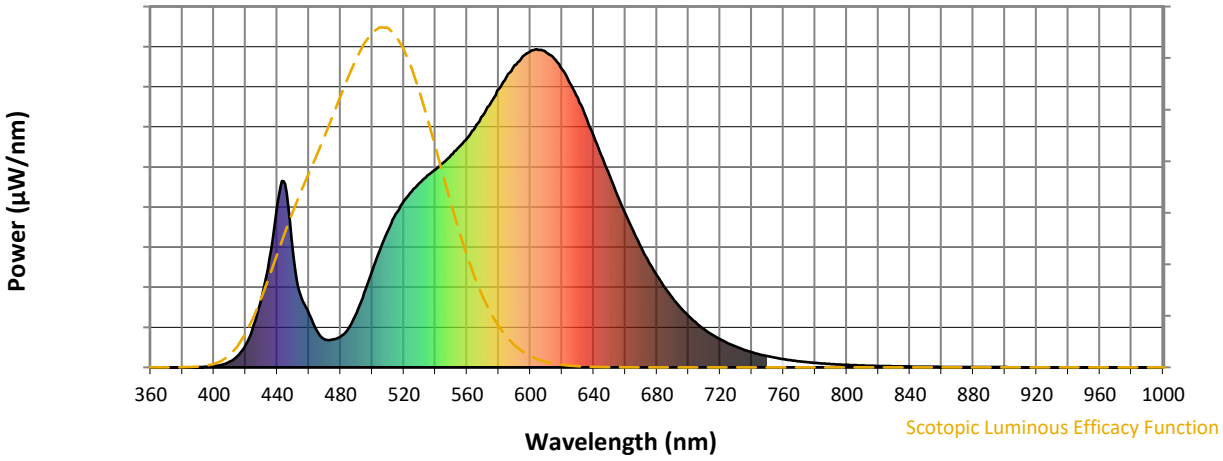
Scotopic Flux vs. Wavelength



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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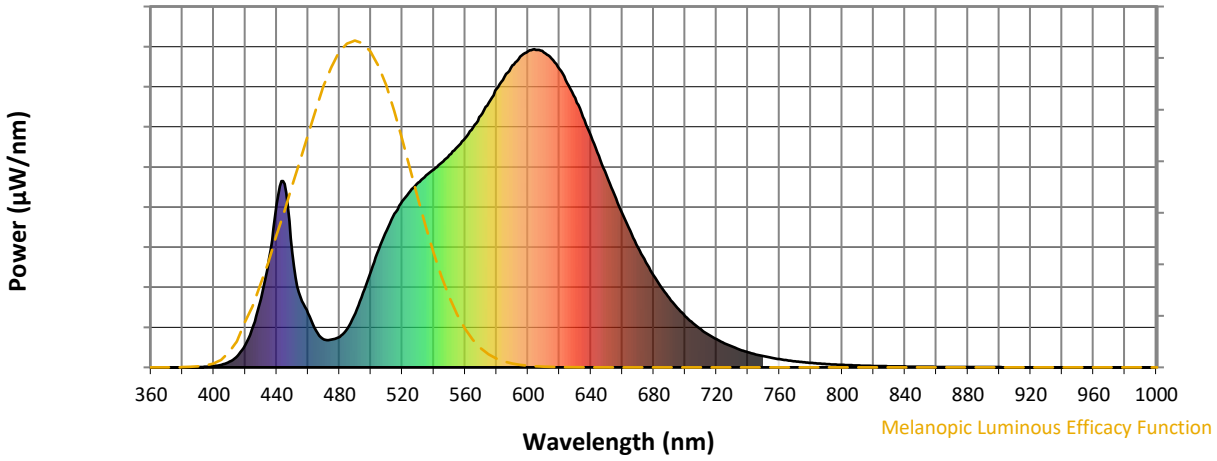
Melanopic Flux vs. Wavelength



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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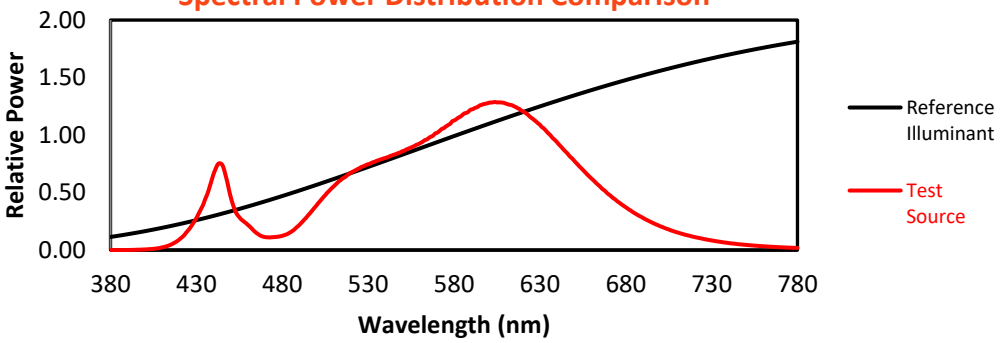
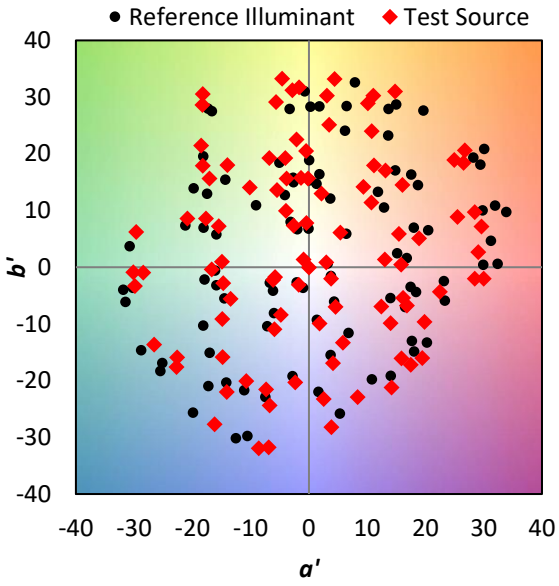
Summary

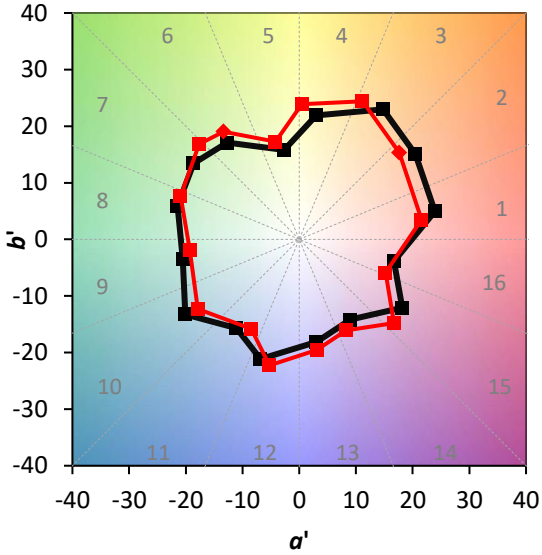
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

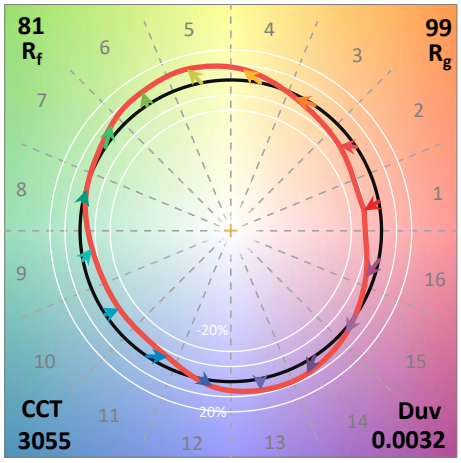
Spectral Power Distribution Comparison

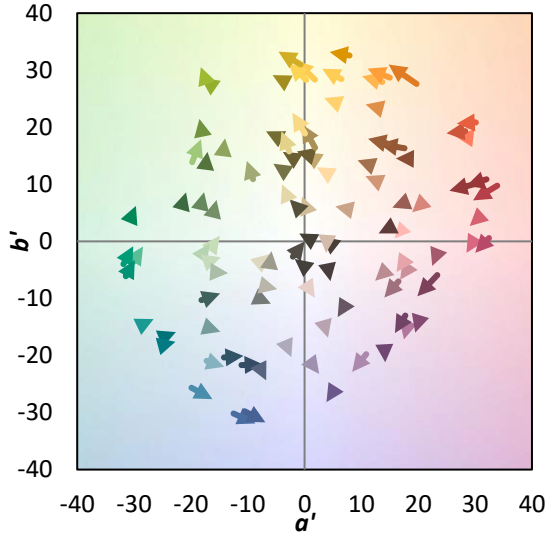


Color Vector Graphics









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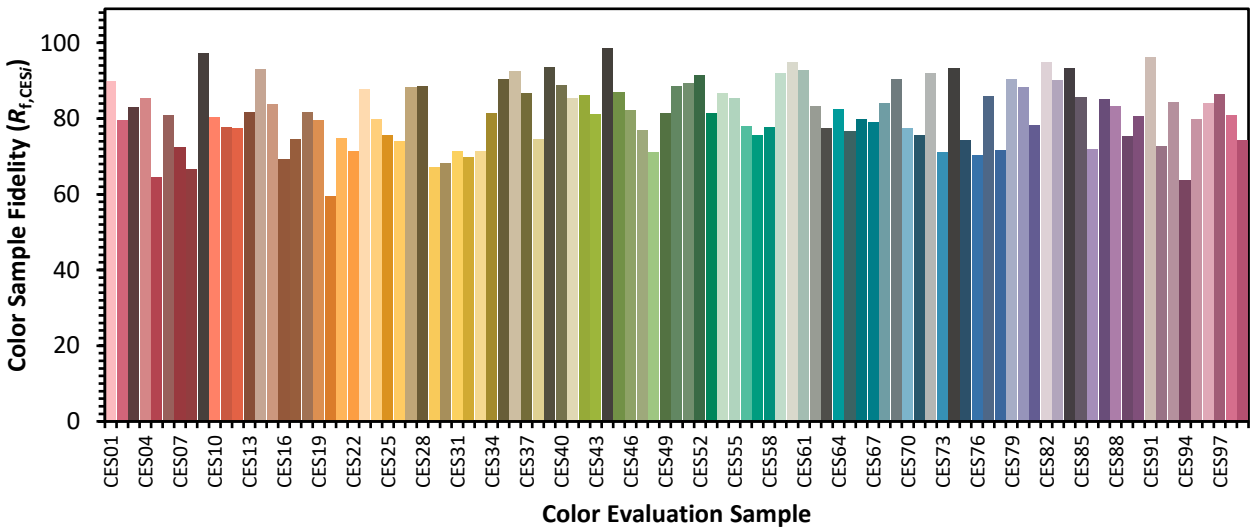
Individual Sample Fidelity Index ($R_{f,i}$)

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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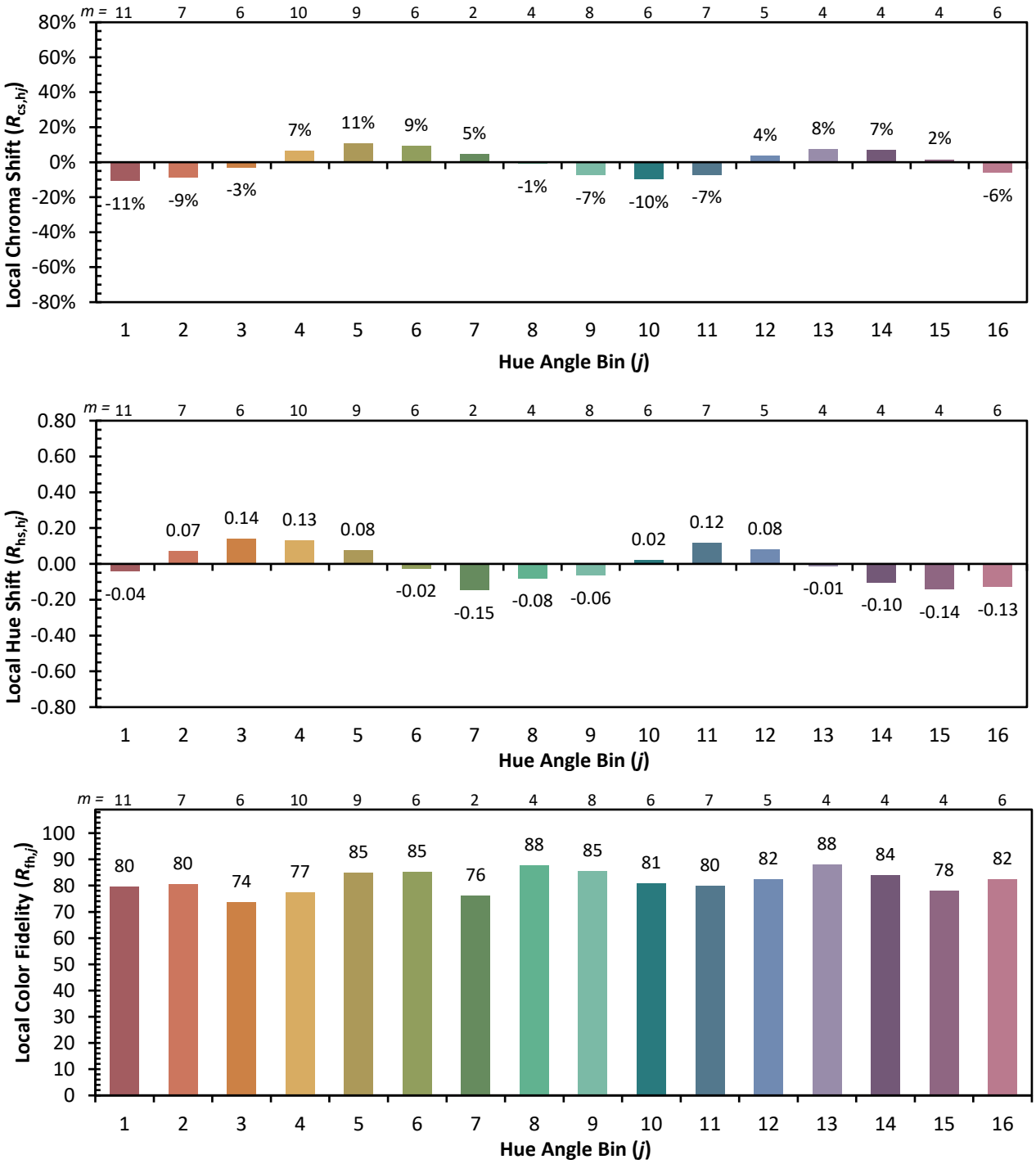
Color Rendition by Hue-Angle Bin



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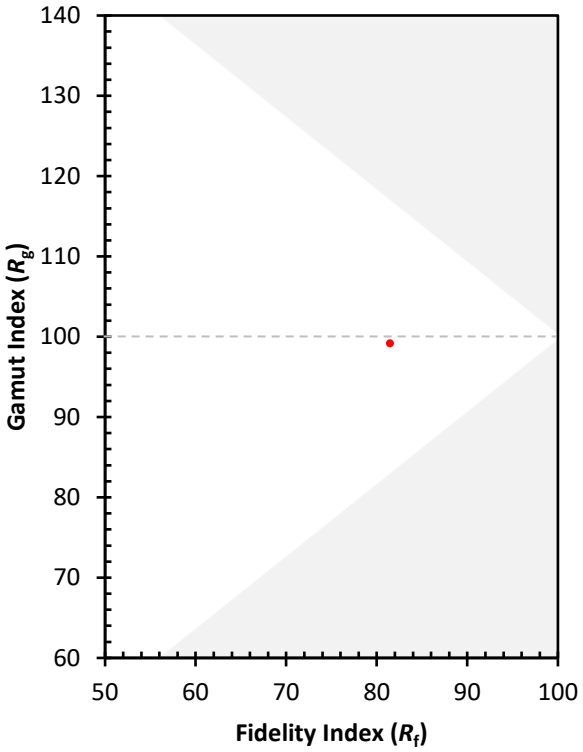
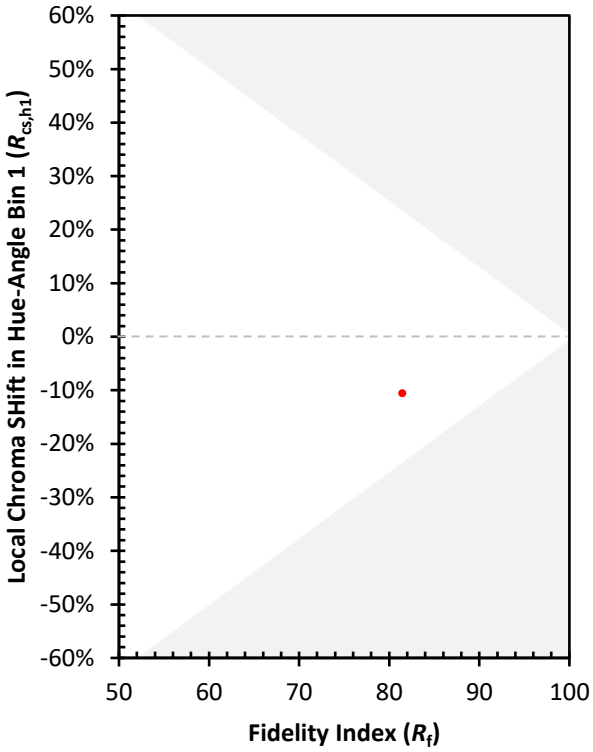
Measure Comparisons





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