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: P1458379

Luminaire Tested: GLAN-SB9A-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:	P1458379
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-830-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 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:	28049.9 lumens
Efficiency:	N/A
Efficacy:	109.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - 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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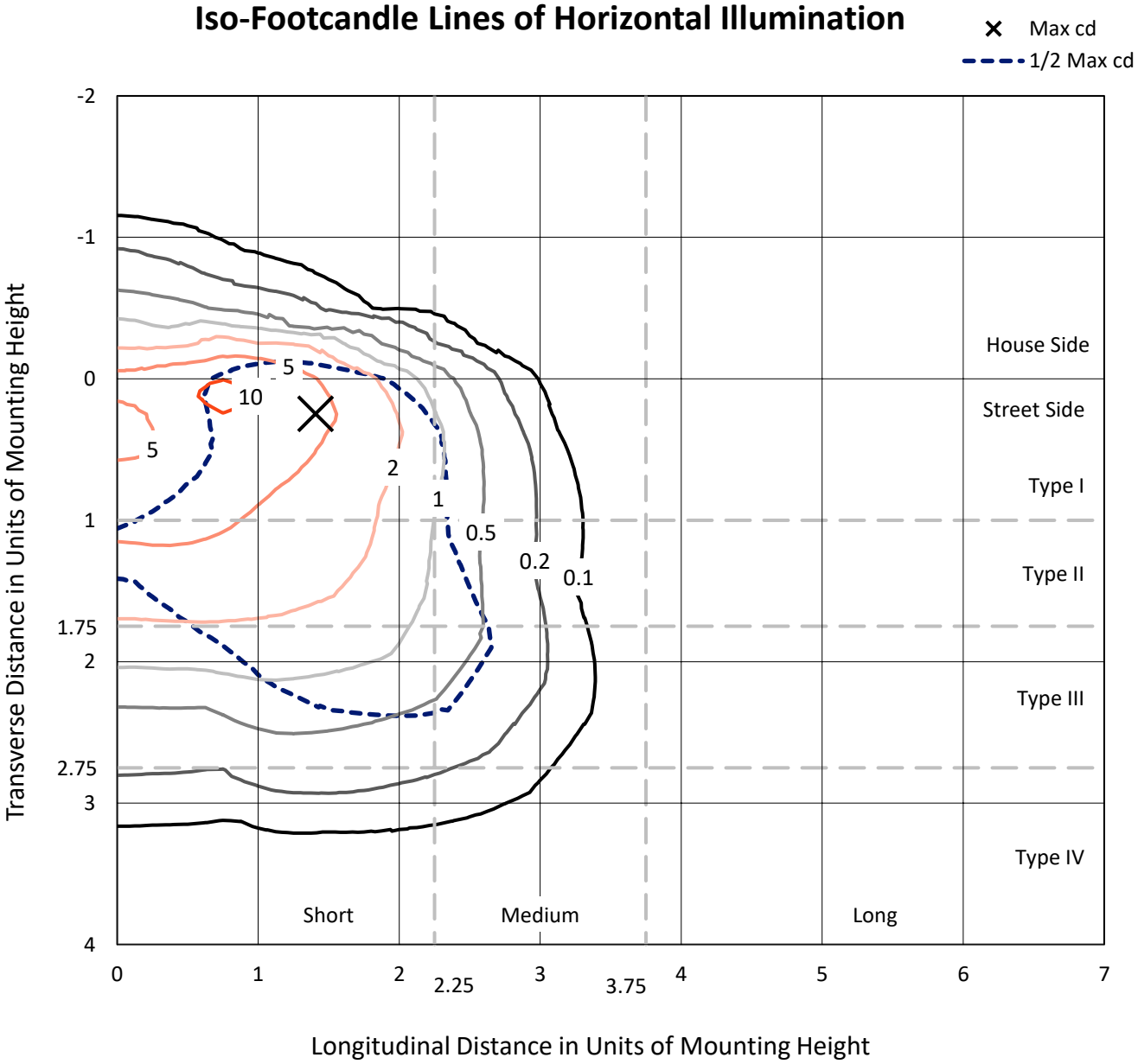
Scaled Data Report

REPORT NUMBER: P1458379
CATALOG NUMBER: GLAN-SB9A-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 11.1 fc
Type III - Short - N/A

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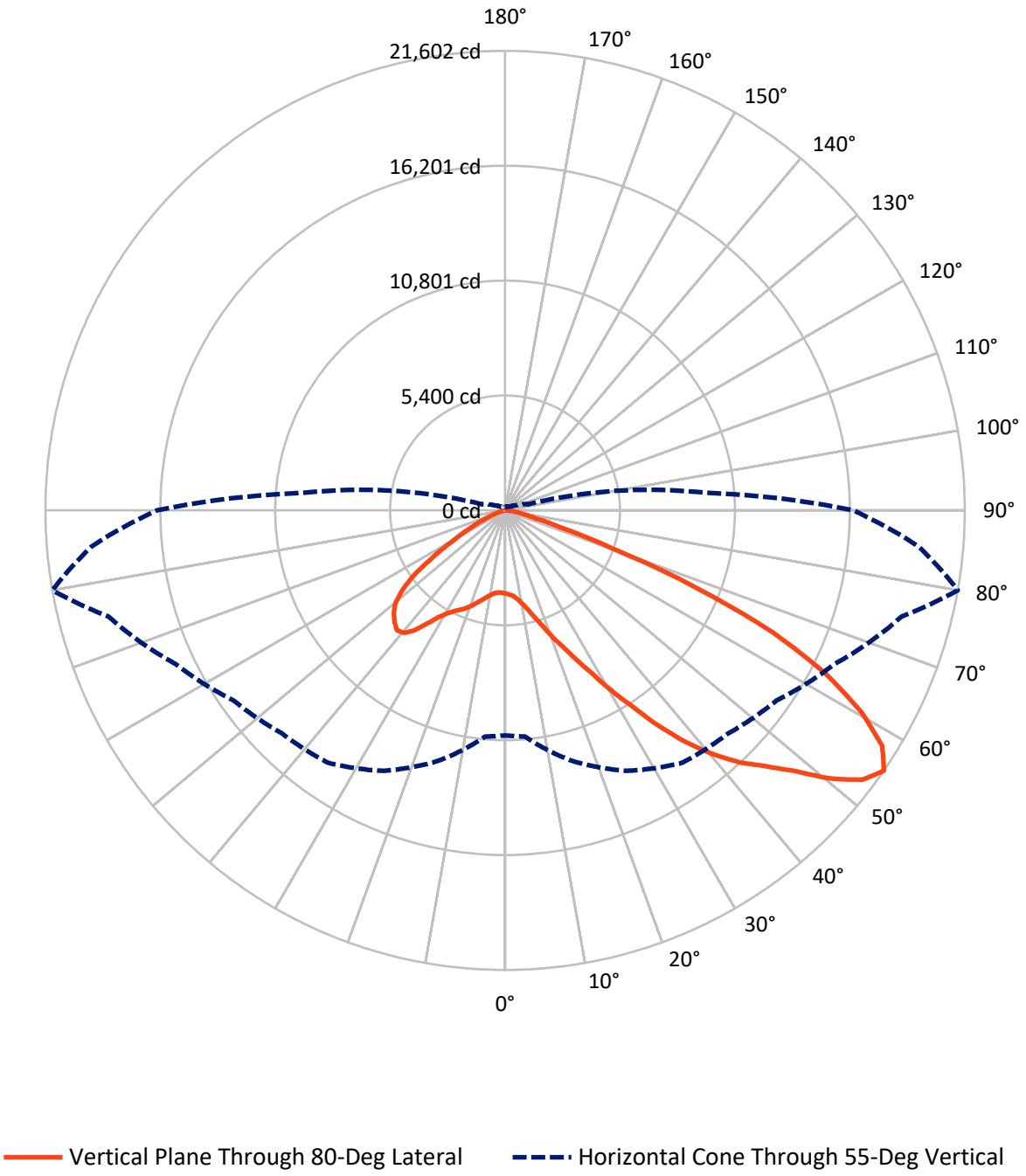
Luminous Intensity Polar Plot



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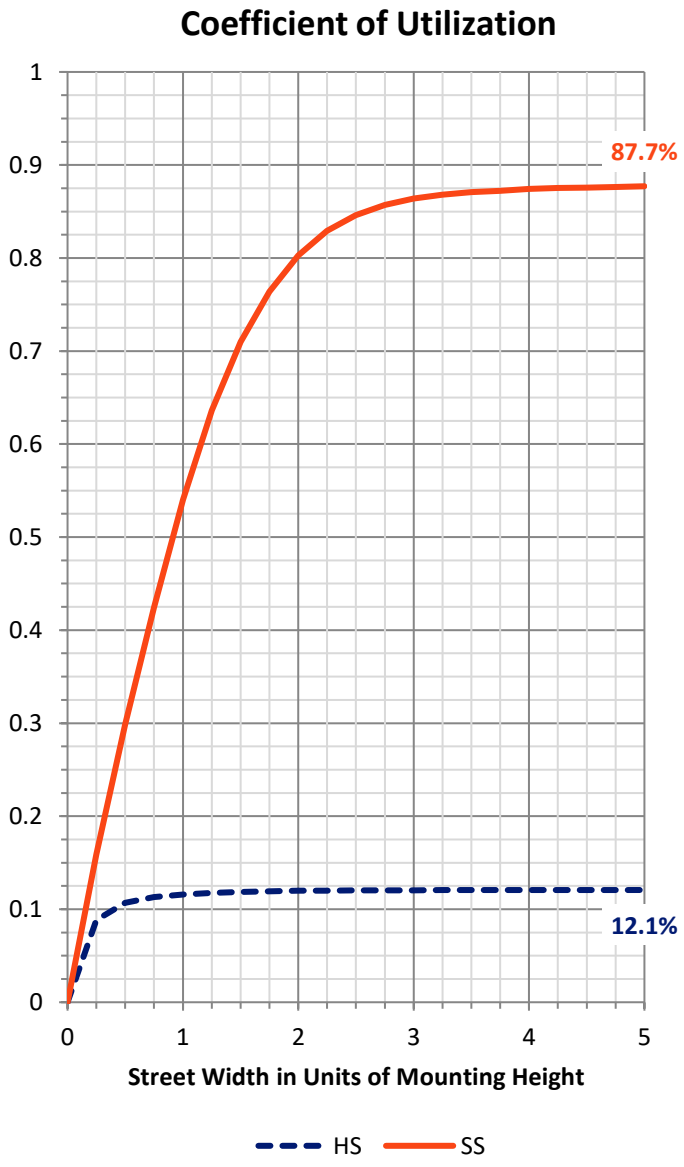
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3409.8	0.0	3409.8
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	24640.1	0.0	24640.1
	% Fixture	87.8	0.0	87.8
Total	Lumens	28049.9	0.0	28049.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	327.9	1.2
10°-20°	864.5	3.1
20°-30°	1692.4	6.0
30°-40°	3443.0	12.3
40°-50°	5804.4	20.7
50°-60°	7416.3	26.4
60°-70°	6331.8	22.6
70°-80°	2023.4	7.2
80°-90°	146.1	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°	28049.9	100.0
0°-180°	28049.9	100.0



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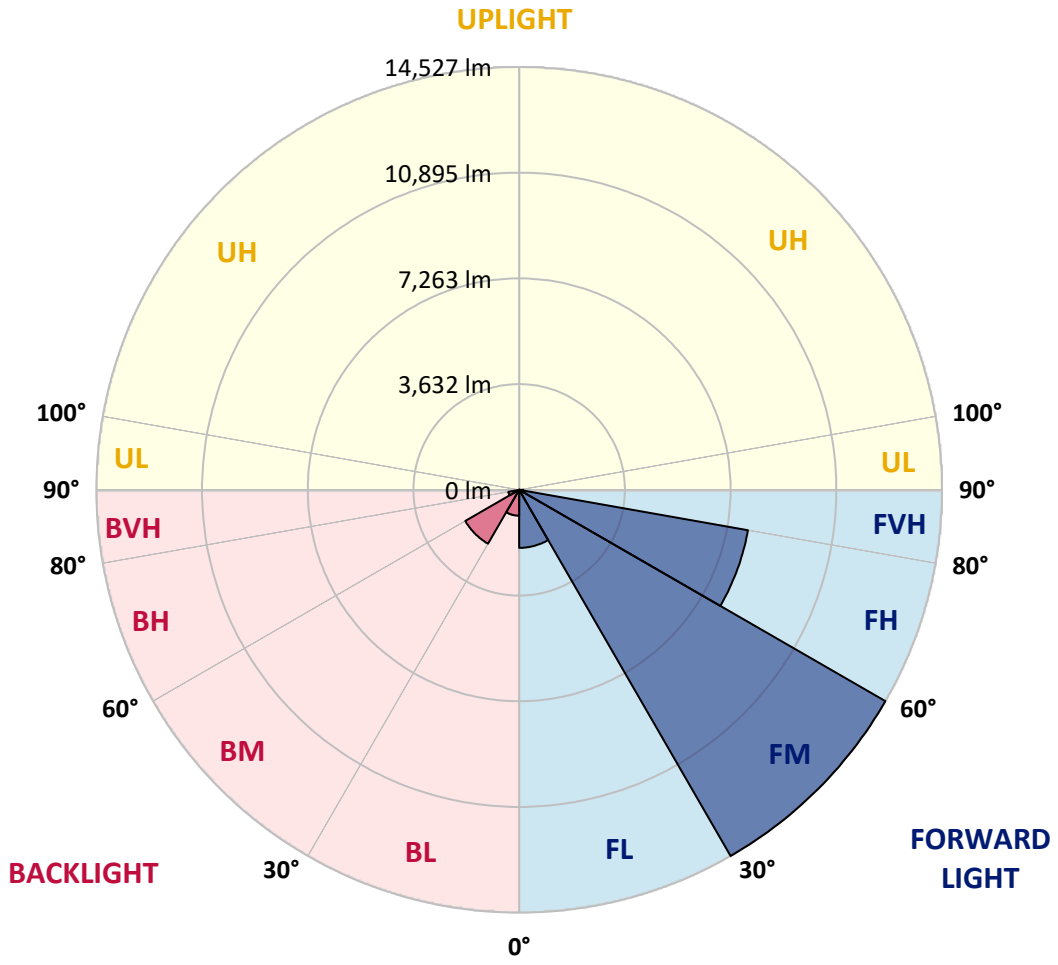
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1994.4	7.1			
FM	(30°-60°)	14526.8	51.8			
FH	(60°-80°)	7980.4	28.5			G4/12000
FVH	(80°-90°)	138.5	0.5			G2/225
BL	(0°-30°)	890.4	3.2	B2/1000		
BM	(30°-60°)	2137.0	7.6	B2/2500		
BH	(60°-80°)	374.8	1.3	B1/500		G1/500
BVH	(80°-90°)	7.6	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-G4
Type III Short



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REPORT NUMBER: P1458379
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3907.3	3907.3	3907.3	3907.3	3907.3	3907.3	3907.3	3907.3	3907.3	*3907.3*	3907.3
2.5°	3931.2	3939.2	3931.2	3939.2	3955.1	3947.2	3979.1	3971.1	3971.1	*3963.1*	3931.2
5°	3708.0	3715.9	3731.9	3771.7	3827.6	3883.4	3955.1	4003.0	4050.8	*4042.9*	4011.0
7.5°	3269.4	3285.3	3349.1	3428.9	3612.3	3779.7	3963.1	4082.7	4186.4	*4218.3*	4194.4
10°	3022.2	3038.1	3078.0	3157.7	3325.2	3604.3	3963.1	4210.3	4393.7	*4457.5*	4465.5
12.5°	2998.3	3006.2	3038.1	3125.8	3269.4	3508.6	3955.1	4377.8	4688.8	*4784.5*	4816.4
15°	3014.2	3030.2	3062.1	3133.8	3301.3	3572.4	4018.9	4640.9	5079.5	*5215.1*	5223.0
17.5°	3078.0	3093.9	3133.8	3213.6	3397.0	3739.8	4218.3	4912.0	5550.0	*5701.5*	5789.2
20°	3205.6	3213.6	3261.4	3365.1	3572.4	3947.2	4513.3	5278.8	6116.1	*6339.4*	6403.2
22.5°	3373.0	3397.0	3460.8	3588.3	3851.5	4234.2	4920.0	5725.4	6738.1	*6969.4*	7081.0
25°	3556.4	3588.3	3684.0	3891.4	4226.3	4672.8	5422.4	6315.5	7471.7	*7750.8*	7902.3
27.5°	3931.2	3939.2	4003.0	4266.1	4696.7	5247.0	6060.3	7073.0	8332.9	*8659.9*	8827.3
30°	4752.6	4760.5	4704.7	4776.5	5215.1	5924.7	6809.9	7958.1	9337.7	*9792.2*	9927.7
32.5°	5757.3	5797.2	5789.2	5741.3	5940.7	6602.5	7703.0	9018.7	10517.8	*10996.3*	11123.9
35°	6897.6	6993.3	6969.4	6953.4	6977.3	7471.7	8723.7	10190.9	11857.5	*12439.6*	12543.2
37.5°	8014.0	8037.9	8149.5	8285.1	8301.0	8643.9	9903.8	11434.8	13101.4	*13843.0*	14002.5
40°	8875.2	8954.9	9234.0	9505.1	9784.2	10055.3	10876.7	12439.6	14090.2	*15087.0*	15158.7
42.5°	9545.0	9736.4	10143.0	10565.7	11131.8	11434.8	11801.7	13149.3	14895.6	*16195.4*	16163.5
45°	10358.3	10438.1	11012.2	11570.4	12144.5	12607.0	12599.1	13747.3	15525.6	*17144.3*	16944.9
47.5°	10908.6	11004.2	11785.7	12439.6	13029.7	13260.9	13308.8	14393.2	16394.7	*18292.6*	17822.1
50°	11203.6	11371.1	12224.3	13053.6	13691.5	13763.3	13978.6	15238.5	17535.0	*19815.6*	18930.5
52.5°	11235.5	11395.0	12375.8	13444.3	14138.1	14281.6	14648.4	16195.4	18643.4	*21035.7*	19568.4
55°	*10573.6*	*10669.3*	*12192.4*	*13508.1*	*14488.9*	*14823.8*	*15573.4*	*17080.5*	*19289.3*	*21601.8*	*19512.6*
57.5°	9951.7	10047.4	11371.1	13396.5	14847.8	15533.5	16562.2	17686.5	18787.0	*20900.1*	18268.6
60°	9417.4	9465.2	10669.3	12878.2	14983.3	16227.3	17415.4	17088.5	17487.2	*19217.6*	16139.6
62.5°	8412.7	8444.6	9871.9	11945.2	14712.2	16761.5	17710.5	15820.6	16059.8	*16897.1*	13635.7
65°	6355.4	6475.0	7782.7	11243.5	14265.6	17008.7	17024.7	14273.6	14026.4	*13827.1*	10725.2
67.5°	4314.0	4449.5	5239.0	10111.1	13540.0	17112.4	15693.0	12272.1	10685.3	*9656.6*	7025.2
70°	3444.8	3444.8	3715.9	8125.6	11817.6	15788.7	14042.4	9265.9	6786.0	*5334.7*	3763.8
72.5°	2264.6	2272.6	2527.8	5159.2	8380.8	12040.9	11450.8	5358.6	3524.5	*2719.2*	1858.0
75°	821.3	821.3	1108.4	2065.3	4433.6	7168.7	6977.3	2559.7	1913.8	*1483.2*	1124.3
77.5°	438.6	454.5	534.3	853.2	1698.5	2918.5	2727.1	1307.8	1084.5	*925.0*	701.7
80°	295.0	303.0	358.8	526.3	821.3	1124.3	877.1	733.6	733.6	*622.0*	470.5
82.5°	159.5	167.5	239.2	342.9	438.6	526.3	422.6	430.6	518.3	*422.6*	271.1
85°	111.6	111.6	183.4	247.2	247.2	255.2	183.4	271.1	303.0	*263.1*	183.4
87.5°	63.8	63.8	103.7	119.6	119.6	111.6	55.8	95.7	119.6	*135.6*	79.7
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: P1458379
CATALOG NUMBER: GLAN-SB9A-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3907.3	3907.3	3907.3	3907.3	3907.3	3907.3	3907.3	3907.3	3907.3	3907.3	3907.3
2.5°	3923.3	3899.3	3851.5	3755.8	3708.0	3644.2	3588.3	3516.6	3500.6	3492.7	3460.8
5°	3987.0	3939.2	3795.7	3588.3	3412.9	3245.5	3078.0	2982.3	2902.6	2862.7	2854.7
7.5°	4146.5	4050.8	3787.7	3420.9	3093.9	2806.9	2559.7	2344.4	2232.7	2137.1	2145.0
10°	4385.7	4234.2	3803.6	3261.4	2775.0	2312.5	1953.7	1642.7	1419.4	1315.7	1307.8
12.5°	4704.7	4489.4	3859.5	3101.9	2384.3	1738.4	1283.8	1100.4	1052.6	1044.6	1036.6
15°	5095.4	4792.4	3915.3	2894.6	1858.0	1204.1	1044.6	1004.7	996.8	988.8	988.8
17.5°	5565.9	5143.3	3947.2	2543.7	1355.6	1036.6	980.8	956.9	948.9	940.9	940.9
20°	6156.0	5534.0	3987.0	2097.2	1148.3	996.8	933.0	901.1	893.1	893.1	885.1
22.5°	6738.1	5972.6	3955.1	1706.5	1108.4	948.9	877.1	845.3	829.3	829.3	821.3
25°	7407.9	6419.1	3859.5	1539.0	1100.4	909.0	821.3	773.5	749.6	741.6	741.6
27.5°	8173.4	6929.5	3708.0	1547.0	1100.4	877.1	749.6	685.8	669.8	653.9	653.9
30°	9050.6	7551.5	3596.3	1650.6	1116.4	845.3	685.8	606.0	582.1	566.2	574.1
32.5°	10055.3	8245.2	3588.3	1818.1	1140.3	797.4	614.0	526.3	502.4	494.4	502.4
35°	11195.6	9106.4	3771.7	1945.7	1076.5	693.7	526.3	454.5	430.6	430.6	438.6
37.5°	12463.5	10095.2	4018.9	1913.8	869.2	550.2	454.5	398.7	374.8	382.8	390.7
40°	13619.7	10868.7	4058.8	1634.7	653.9	470.5	390.7	350.9	334.9	342.9	350.9
42.5°	14496.9	11490.7	3676.1	1267.9	550.2	398.7	334.9	303.0	295.0	311.0	311.0
45°	15206.6	11737.9	3070.0	940.9	486.4	342.9	295.0	279.1	263.1	271.1	271.1
47.5°	15948.2	11777.7	2503.9	757.5	430.6	311.0	271.1	255.2	239.2	239.2	239.2
50°	16665.8	11682.0	1913.8	669.8	398.7	279.1	247.2	231.2	215.3	207.3	207.3
52.5°	16841.3	10916.5	1403.4	622.0	366.8	263.1	231.2	215.3	199.4	191.4	191.4
55°	*16354.9*	*9465.2*	*1100.4*	*558.2*	*334.9*	*239.2*	*215.3*	*199.4*	*175.4*	*167.5*	*167.5*
57.5°	14752.1	7216.6	877.1	478.4	303.0	231.2	199.4	183.4	159.5	151.5	151.5
60°	12670.8	5119.4	709.7	390.7	279.1	207.3	183.4	159.5	143.5	127.6	127.6
62.5°	10366.3	3676.1	574.1	326.9	263.1	183.4	167.5	143.5	111.6	87.7	87.7
65°	7950.2	2639.4	446.5	263.1	239.2	159.5	143.5	119.6	87.7	63.8	63.8
67.5°	5143.3	1706.5	334.9	231.2	183.4	135.6	111.6	95.7	79.7	55.8	47.8
70°	2711.2	996.8	247.2	199.4	135.6	103.7	95.7	79.7	63.8	39.9	39.9
72.5°	1403.4	653.9	183.4	175.4	103.7	71.8	79.7	63.8	47.8	23.9	23.9
75°	901.1	438.6	135.6	143.5	63.8	55.8	55.8	39.9	23.9	15.9	8.0
77.5°	582.1	295.0	95.7	119.6	39.9	31.9	31.9	15.9	8.0	0.0	0.0
80°	342.9	183.4	63.8	79.7	15.9	15.9	8.0	0.0	0.0	0.0	0.0
82.5°	175.4	95.7	31.9	31.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	111.6	47.8	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	55.8	15.9	8.0	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

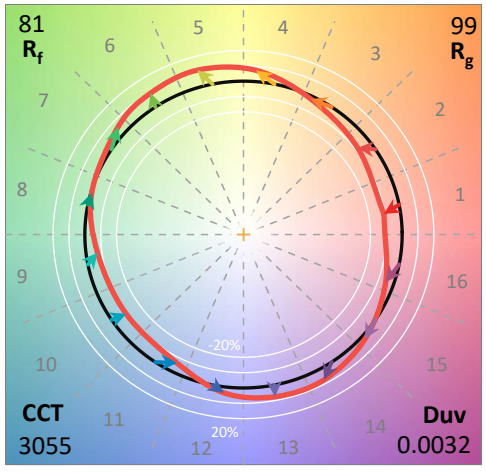
Test Information

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

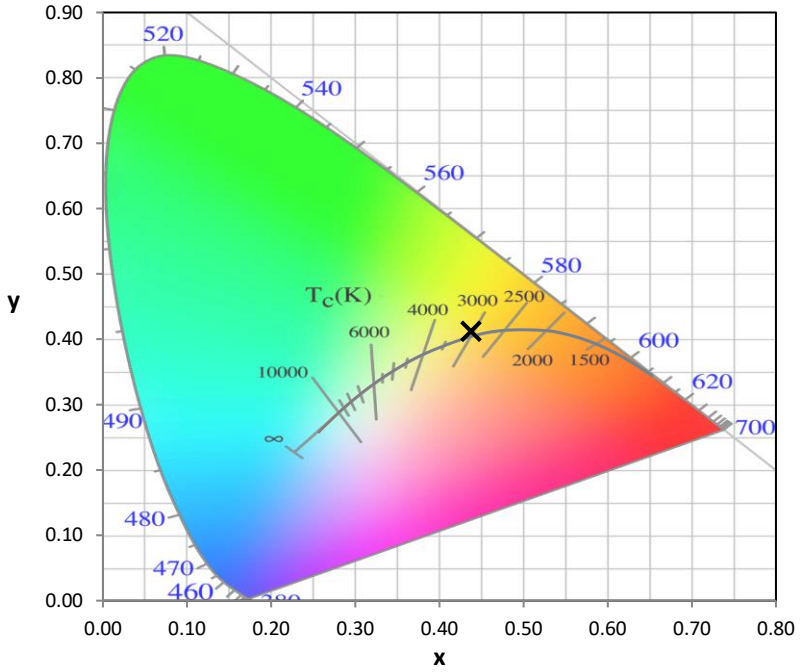
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

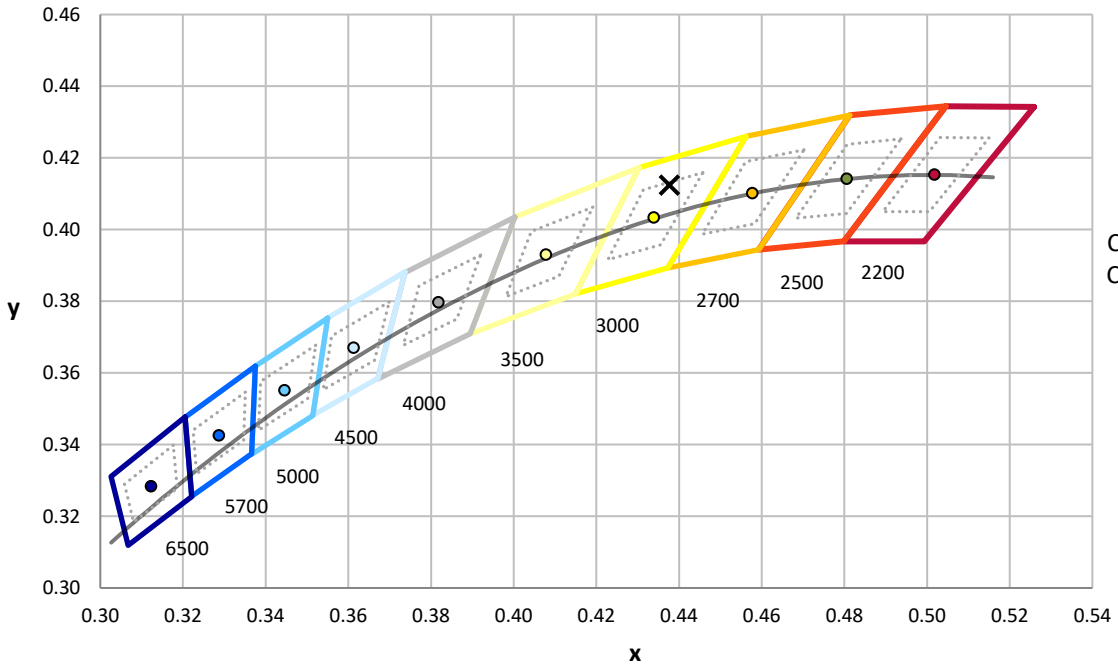
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

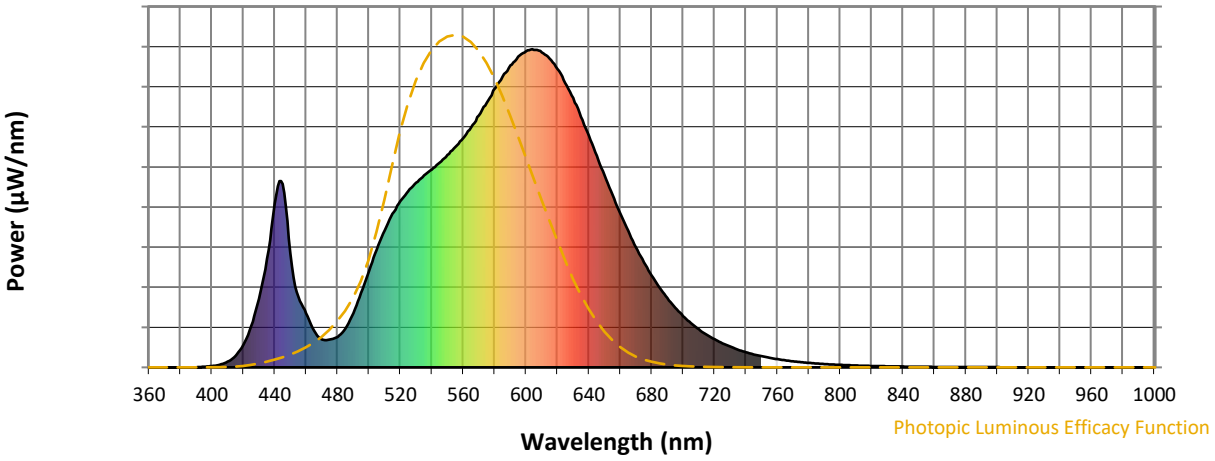


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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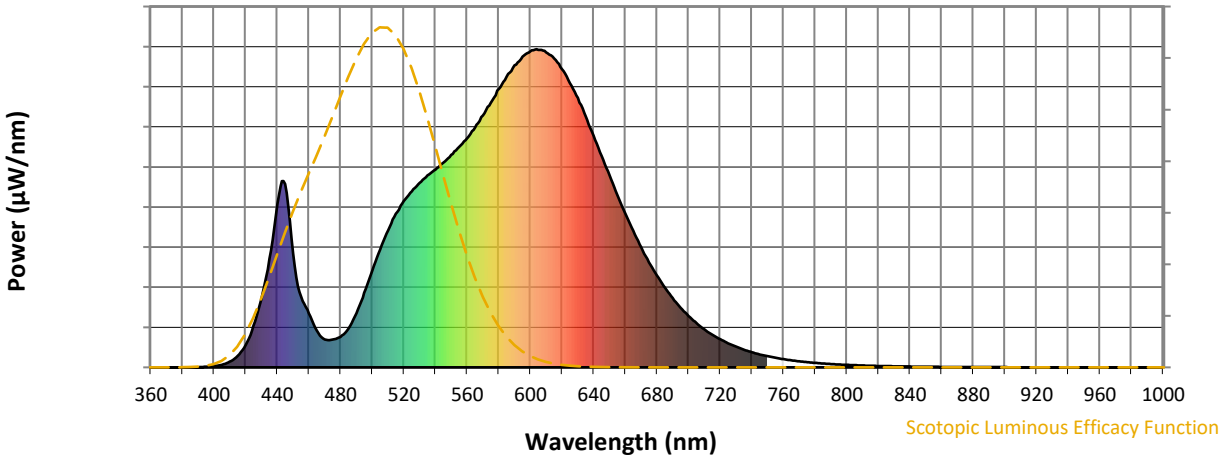
Scotopic Flux vs. Wavelength



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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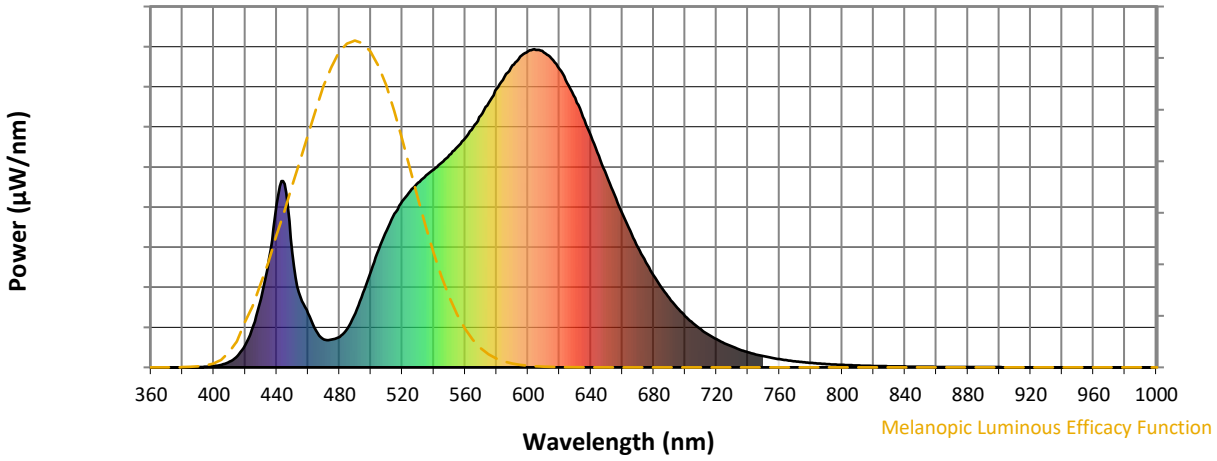
Melanopic Flux vs. Wavelength



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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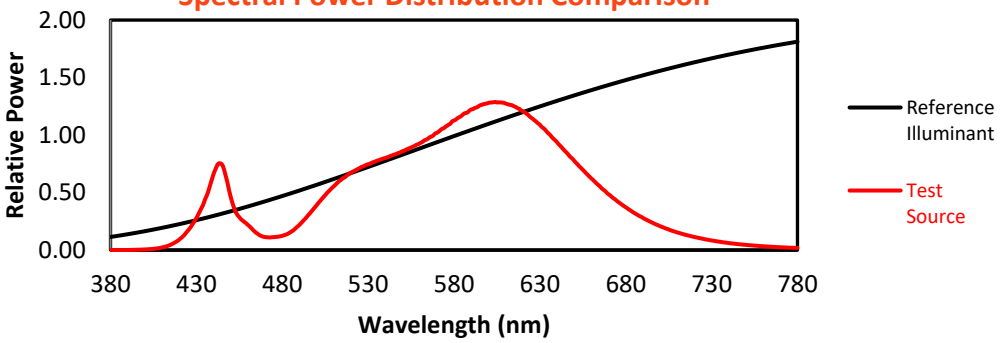
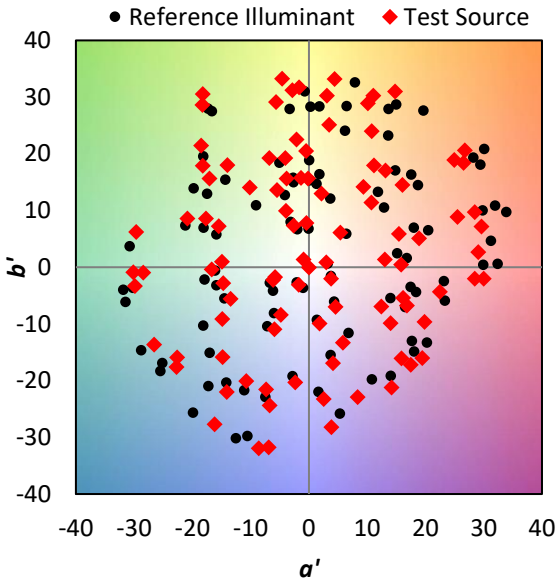
Summary

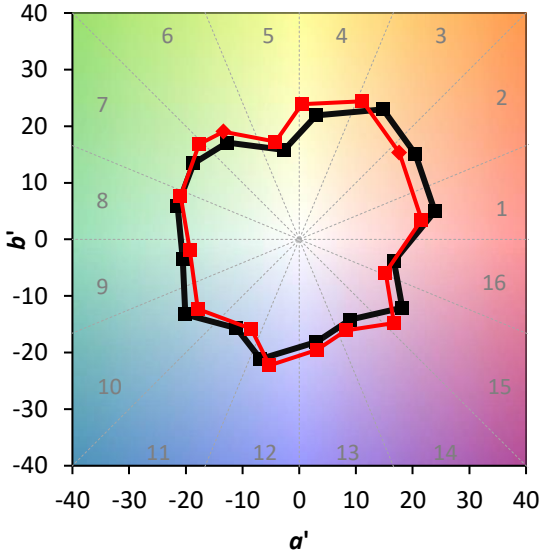
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

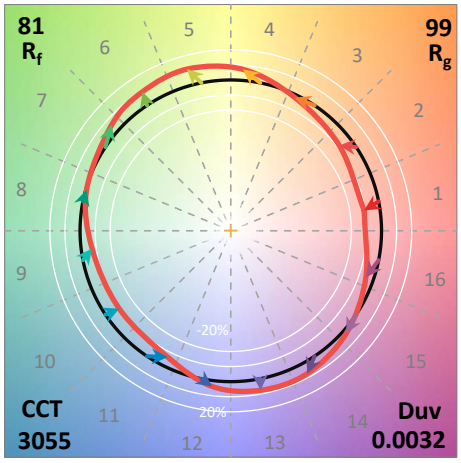
Spectral Power Distribution Comparison

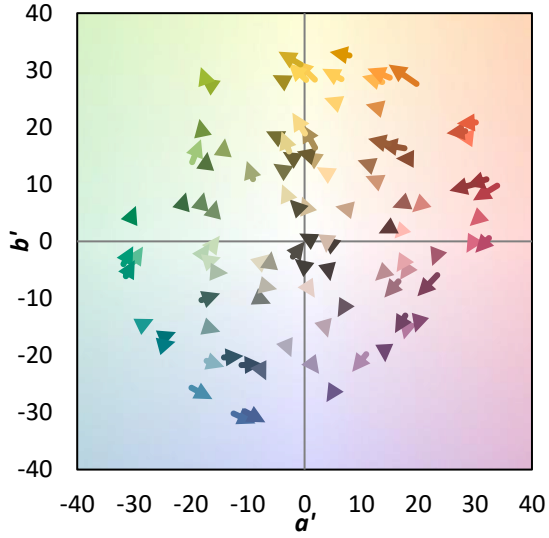


Color Vector Graphics









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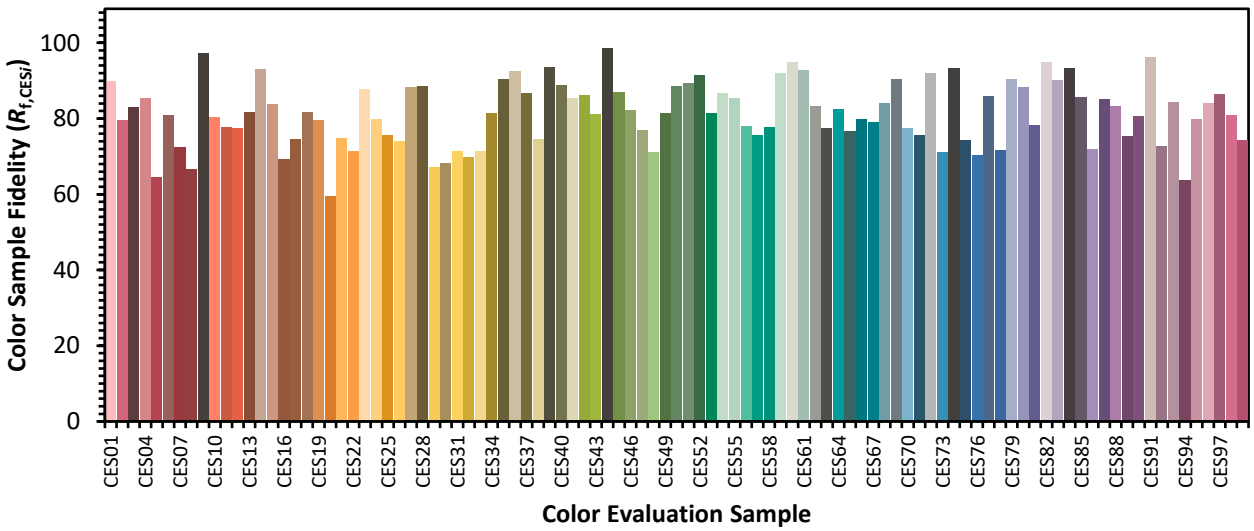
Individual Sample Fidelity Index ($R_{f,i}$)

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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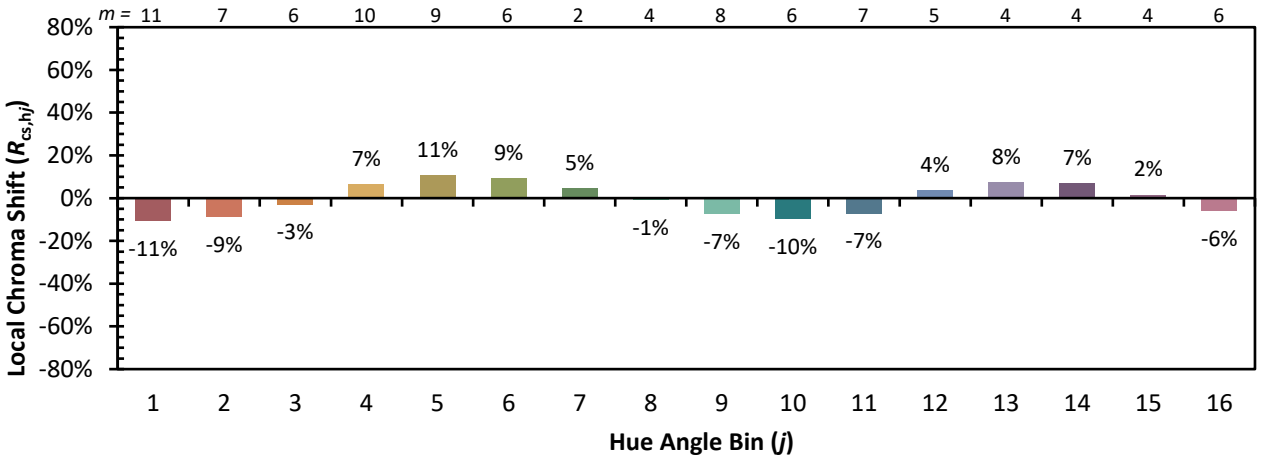
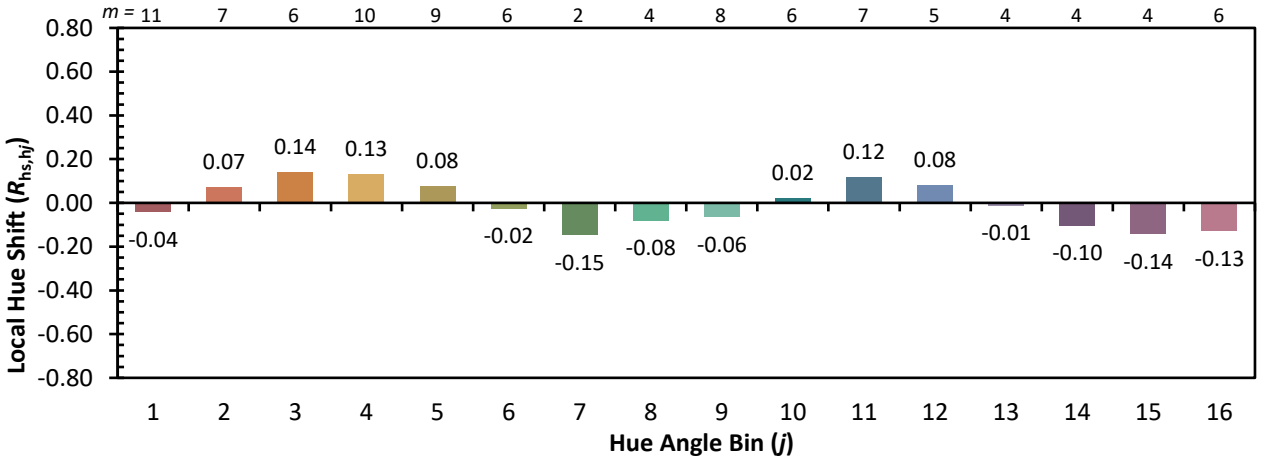
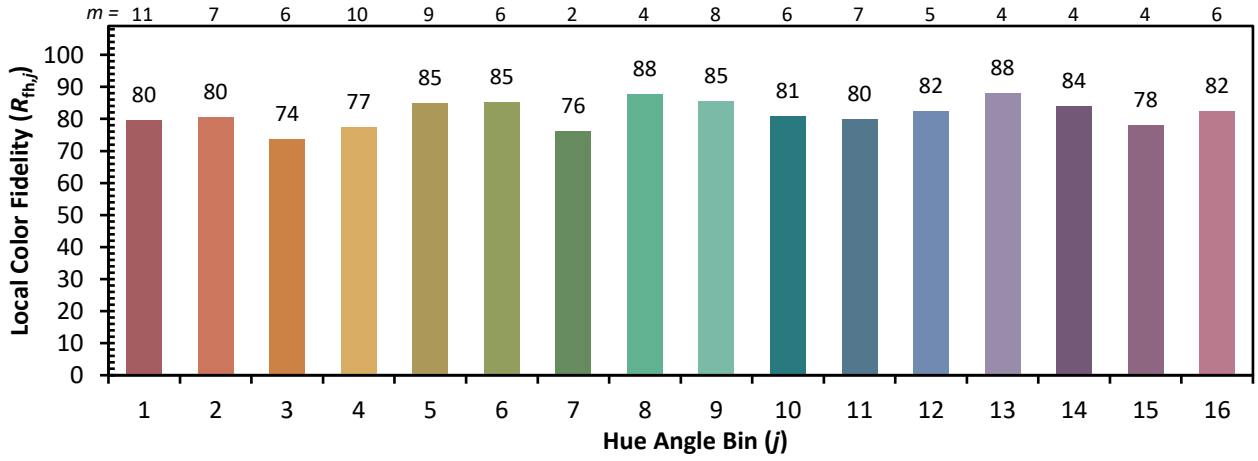
Color Rendition by Hue-Angle Bin







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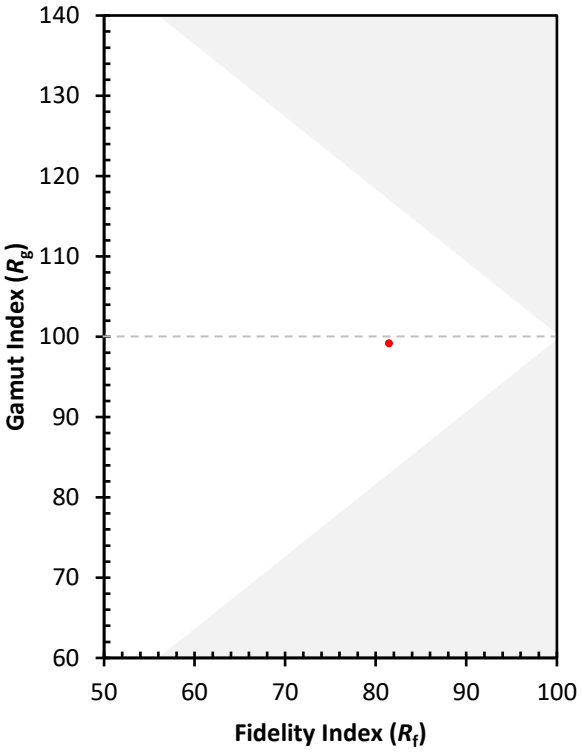
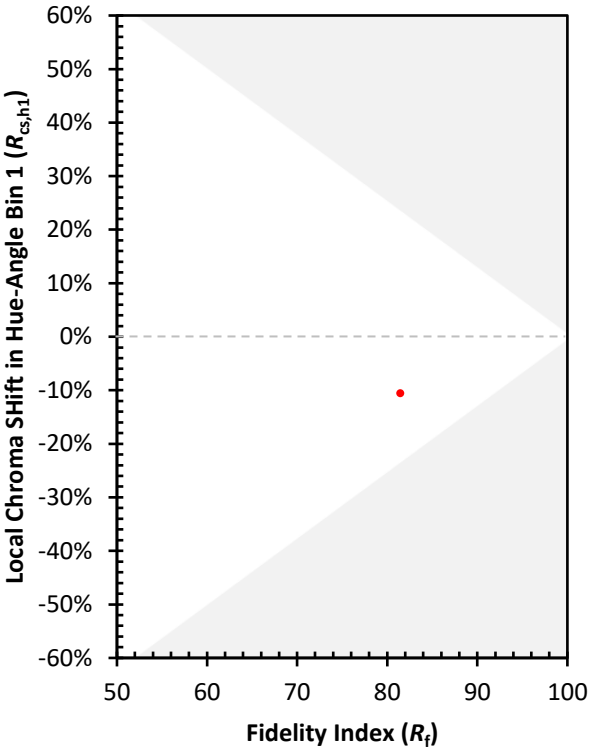
Measure Comparisons





(END OF REPORT)