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: P1457894

Luminaire Tested: GLAN-SB4D-850-U-T2LG-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:	P1457894
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-850-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28253.5 lumens
Efficiency:	N/A
Efficacy:	96.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	293.6
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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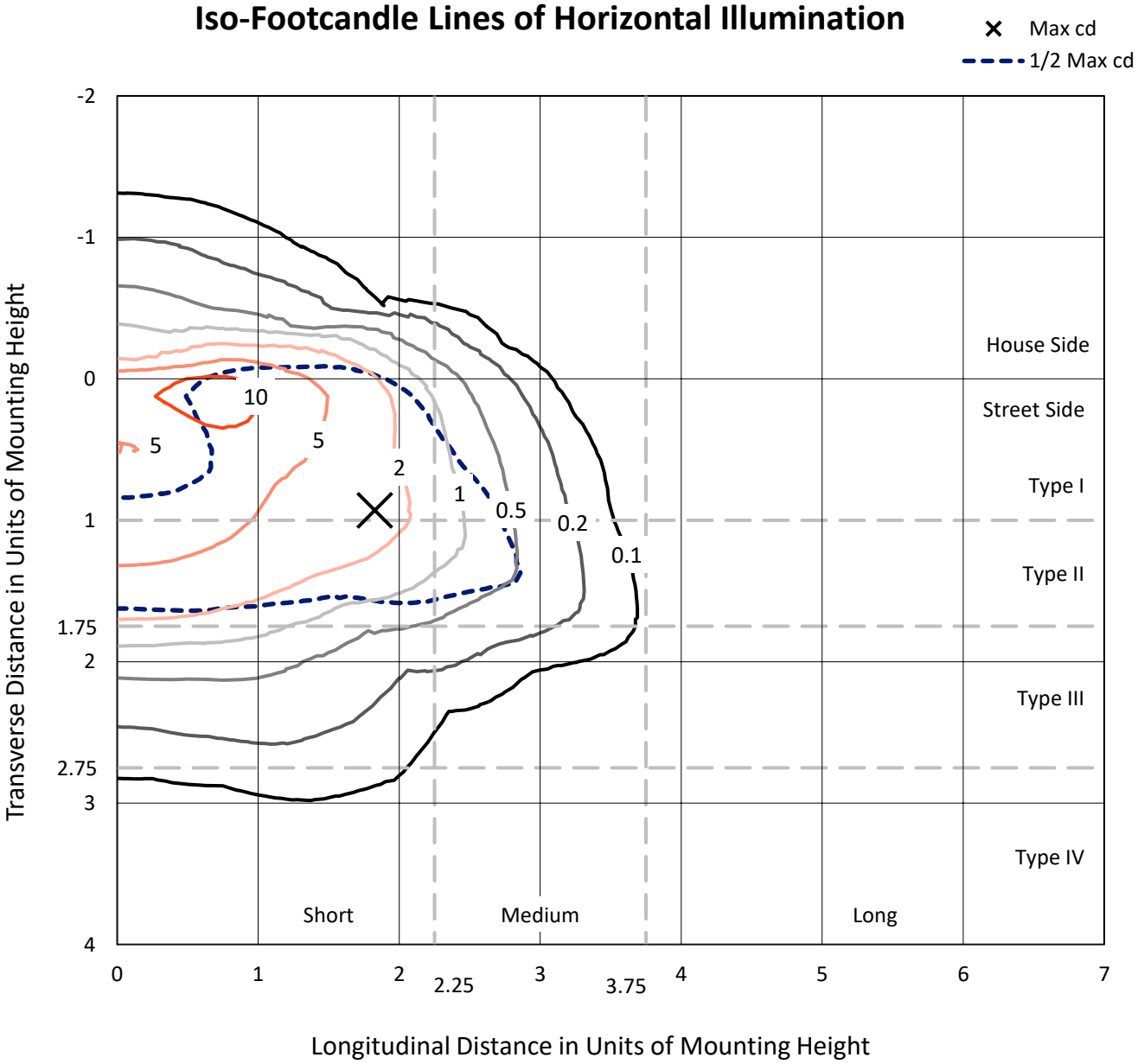
REPORT NUMBER: P1457894
CATALOG NUMBER: GLAN-SB4D-850-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 13 fc
Type II - Short - N/A

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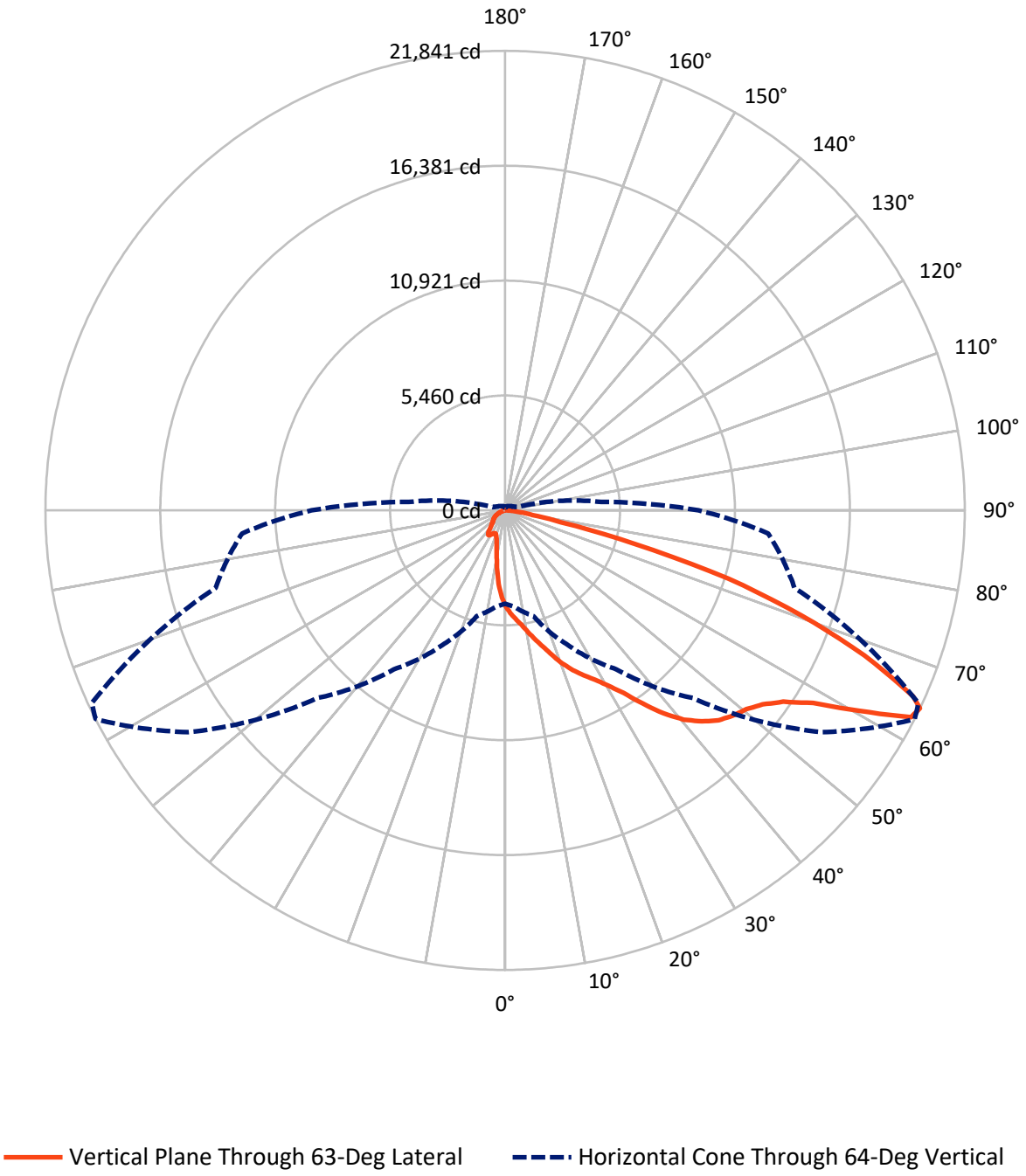
Luminous Intensity Polar Plot



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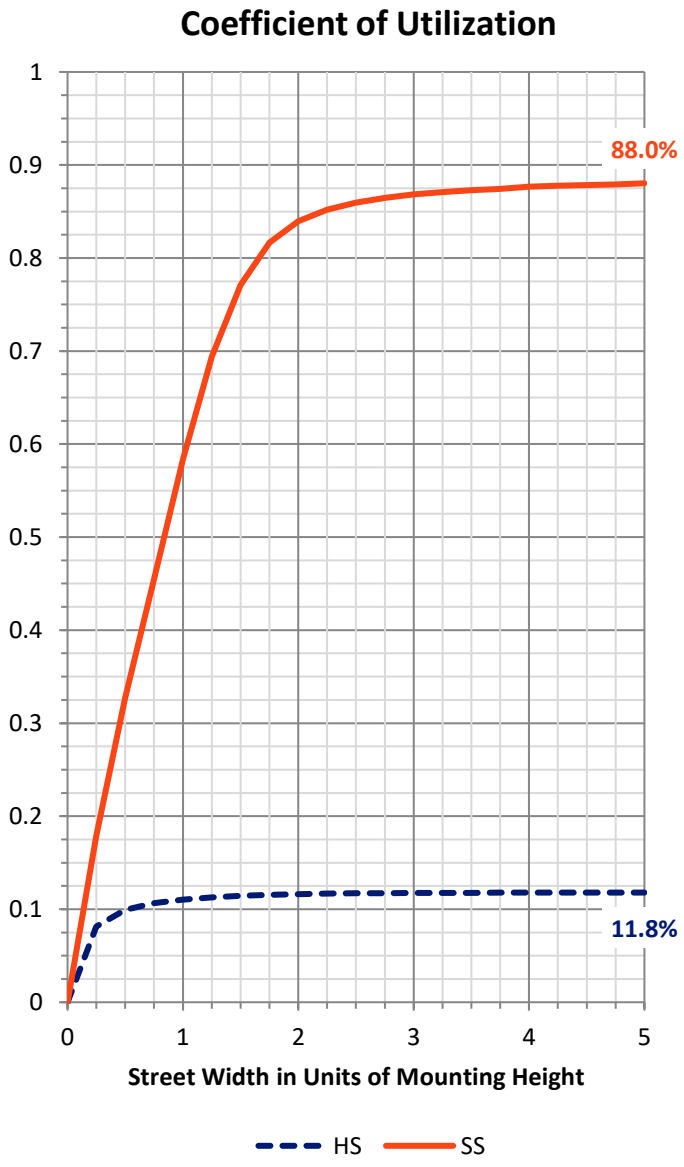
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3352.8	0.0	3352.8
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	24900.7	0.0	24900.7
	% Fixture	88.1	0.0	88.1
Total	Lumens	28253.5	0.0	28253.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	384.7	1.4
10°-20°	1081.0	3.8
20°-30°	1925.3	6.8
30°-40°	3677.4	13.0
40°-50°	6095.5	21.6
50°-60°	7598.1	26.9
60°-70°	5665.6	20.1
70°-80°	1624.9	5.8
80°-90°	200.9	0.7
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°	28253.5	100.0
0°-180°	28253.5	100.0



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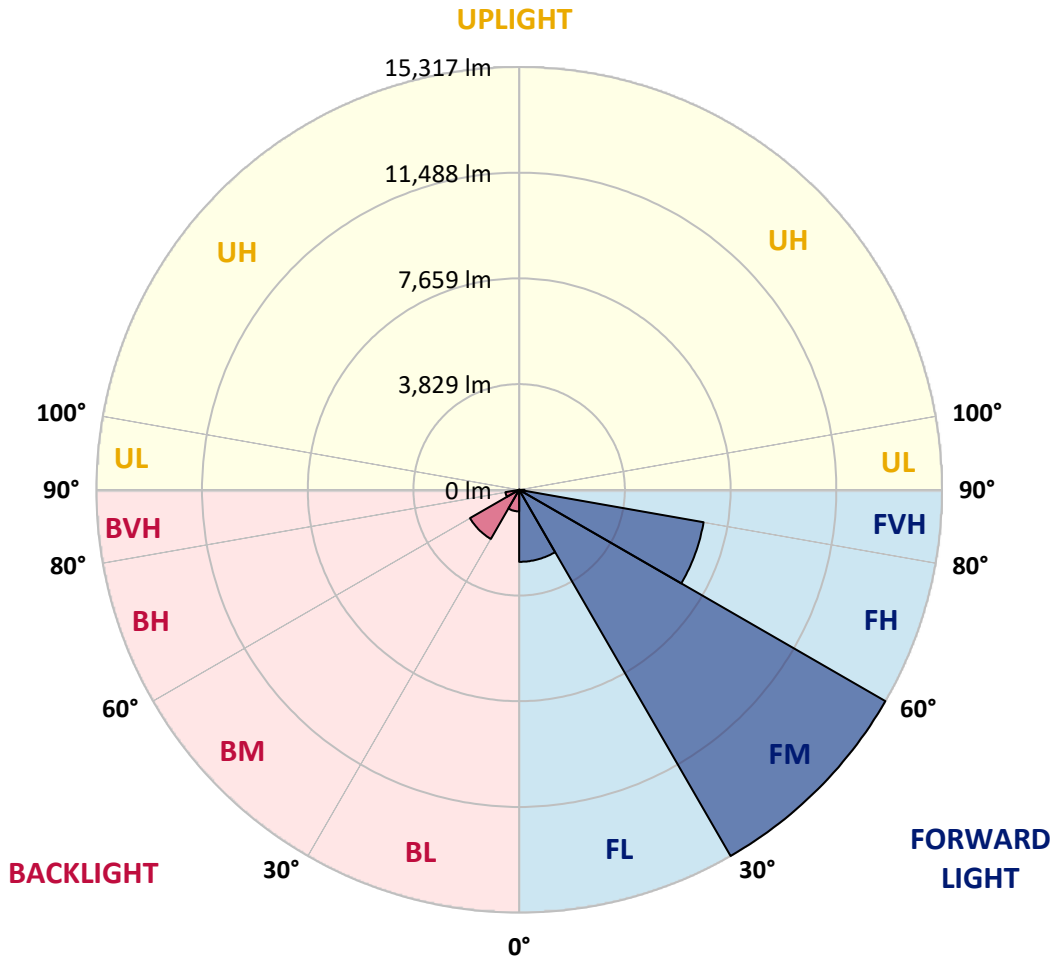
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2608.9	9.2			
FM	(30°-60°)	15317.4	54.2			
FH	(60°-80°)	6783.4	24.0			G3/7500
FVH	(80°-90°)	191.0	0.7			G2/225
BL	(0°-30°)	782.2	2.8	B2/1000		
BM	(30°-60°)	2053.6	7.3	B2/2500		
BH	(60°-80°)	507.1	1.8	B2/1000		G2/1000
BVH	(80°-90°)	9.9	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 II Short



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REPORT NUMBER: P1457894
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3
2.5°	5119.2	5102.2	5085.3	5059.8	5025.9	4992.0	4949.7	4890.3	4864.9	4780.1	4678.4
5°	5381.9	5381.9	5373.4	5356.5	5339.5	5305.6	5254.8	5178.5	5144.6	5025.9	4847.9
7.5°	5449.7	5458.2	5483.6	5517.5	5568.4	5559.9	5559.9	5475.1	5458.2	5331.0	5093.7
10°	5331.0	5339.5	5407.3	5500.6	5653.1	5797.2	5898.9	5848.0	5822.6	5695.5	5398.8
12.5°	5161.5	5161.5	5271.7	5415.8	5653.1	5924.3	6221.0	6271.8	6280.3	6136.2	5780.2
15°	4720.8	4737.8	4915.7	5203.9	5593.8	6017.6	6517.6	6712.5	6763.4	6670.2	6246.4
17.5°	4136.0	4153.0	4330.9	4720.8	5305.6	6017.6	6771.9	7221.1	7288.9	7305.8	6839.7
20°	3890.2	3890.2	3991.9	4288.6	4898.8	5856.5	6924.4	7763.5	7916.1	8102.5	7492.3
22.5°	3924.1	3924.1	3983.5	4153.0	4644.5	5636.2	7017.7	8246.6	8560.2	9034.8	8331.3
25°	4110.6	4110.6	4161.4	4271.6	4670.0	5602.3	7195.6	8678.8	9178.9	10077.3	9289.1
27.5°	4407.2	4398.7	4441.1	4551.3	4915.7	5763.3	7492.3	9111.1	9670.5	11246.9	10390.9
30°	4839.5	4814.0	4831.0	4958.1	5314.1	6136.2	7924.5	9662.0	10229.8	12526.7	11611.3
32.5°	5839.6	5831.1	5585.3	5517.5	5898.9	6738.0	8517.8	10348.5	10984.2	13882.8	12865.7
35°	7644.8	7763.5	7416.0	6526.1	6602.4	7543.1	9365.3	11280.8	11865.6	15323.6	14230.2
37.5°	9475.5	9475.5	9331.4	8280.5	7746.5	8433.1	10280.7	12238.5	12848.8	16484.7	15543.9
40°	10924.8	11001.1	10831.6	10043.4	9348.4	9450.1	11196.0	13077.6	13637.0	17196.6	16476.2
42.5°	12001.2	11984.3	11916.5	11399.5	11009.6	10780.7	12026.6	13704.8	14238.7	17561.1	17061.0
45°	13162.3	13162.3	13069.1	12645.3	12323.3	12128.3	12645.3	14230.2	14789.6	17781.5	17425.5
47.5°	14374.3	14357.4	14264.1	13798.0	13450.5	13162.3	13272.5	14569.3	15128.6	17637.4	17484.8
50°	14671.0	14654.0	14865.9	14882.9	14569.3	14018.4	13772.6	14857.4	15349.0	17645.8	17671.3
52.5°	14323.5	14425.2	14738.8	15120.2	15476.1	14899.8	14306.5	15315.1	15823.6	17883.2	18137.4
55°	13459.0	13501.4	14103.1	14713.3	15543.9	15747.3	15162.5	16044.0	16493.2	18112.0	18552.7
57.5°	11848.6	12009.7	12653.8	13713.2	14976.1	15823.6	16654.2	17264.4	17603.5	18205.2	18323.9
60°	8941.6	9026.3	10424.8	11797.8	13798.0	15213.4	18044.2	19332.5	19290.1	17154.3	16722.0
62.5°	5441.2	5517.5	6517.6	8695.8	11213.0	13942.1	18510.3	21646.2	21417.4	15382.9	14077.7
64°	4432.6	4576.7	5195.4	7060.0	9221.3	12611.4	18374.7	21841.2	21663.2	14238.7	12543.6
65°	3788.5	3983.5	4619.1	6127.7	7839.8	11179.1	18001.8	21298.8	21180.1	13543.7	11272.3
67.5°	2381.6	2474.8	3415.6	4763.2	5398.8	7153.3	15476.1	18417.1	18629.0	12069.0	8314.4
70°	1771.4	1813.7	2347.7	3686.8	4212.3	4161.4	10628.2	14916.8	14967.6	9653.5	5017.5
72.5°	1288.3	1296.7	1644.2	2729.1	3296.9	2839.3	5602.3	11085.9	10721.4	5653.1	2737.6
75°	856.0	889.9	1152.7	1923.9	2568.1	2085.0	2551.1	6314.2	6204.0	2763.0	1568.0
77.5°	627.2	635.7	779.7	1288.3	2017.2	1534.1	1542.5	2720.6	2805.4	1644.2	991.6
80°	356.0	372.9	508.5	788.2	1313.7	1051.0	864.5	1313.7	1508.6	1118.8	661.1
82.5°	211.9	228.8	364.4	517.0	898.4	432.2	440.7	720.4	898.4	805.2	356.0
85°	127.1	135.6	228.8	279.7	534.0	288.2	161.0	356.0	466.1	474.6	194.9
87.5°	84.8	84.8	127.1	118.7	152.6	135.6	67.8	93.2	118.7	161.0	76.3
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: P1457894
CATALOG NUMBER: GLAN-SB4D-850-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3	4568.3
2.5°	4593.7	4542.8	4390.3	4186.9	4000.4	3856.3	3678.3	3559.7	3449.5	3449.5	3356.3
5°	4703.9	4568.3	4195.3	3729.2	3229.1	2754.5	2449.4	2110.4	2000.2	1907.0	1923.9
7.5°	4890.3	4644.5	3983.5	3144.4	2347.7	1839.2	1500.2	1347.6	1279.8	1237.4	1245.9
10°	5119.2	4780.1	3729.2	2551.1	1729.0	1347.6	1186.6	1127.2	1101.8	1093.3	1093.3
12.5°	5432.8	4941.2	3474.9	2051.1	1364.5	1161.1	1076.4	1042.5	1017.1	1000.1	1000.1
15°	5805.7	5144.6	3178.3	1686.6	1195.0	1067.9	1000.1	966.2	932.3	923.8	923.8
17.5°	6280.3	5356.5	2915.5	1449.3	1110.3	1000.1	932.3	889.9	864.5	856.0	856.0
20°	6805.8	5619.2	2652.8	1313.7	1051.0	932.3	864.5	830.6	805.2	788.2	796.7
22.5°	7475.3	5949.8	2483.3	1245.9	1000.1	873.0	805.2	771.3	745.8	728.9	737.4
25°	8212.7	6365.0	2390.1	1245.9	966.2	830.6	754.3	720.4	695.0	678.0	678.0
27.5°	9111.1	6831.2	2398.5	1296.7	957.7	796.7	711.9	678.0	652.6	627.2	627.2
30°	10102.7	7382.1	2491.8	1390.0	974.7	762.8	678.0	627.2	610.2	584.8	584.8
32.5°	11153.7	8017.8	2729.1	1508.6	957.7	720.4	627.2	584.8	559.4	542.4	542.4
35°	12263.9	8738.2	3025.7	1559.5	873.0	661.1	584.8	542.4	525.5	517.0	508.5
37.5°	13323.4	9365.3	3186.8	1457.8	762.8	610.2	534.0	491.6	483.1	466.1	466.1
40°	14145.5	9882.4	3093.5	1245.9	703.5	559.4	491.6	449.2	432.2	415.3	415.3
42.5°	14628.6	10068.8	2754.5	1059.4	661.1	508.5	449.2	406.8	389.9	381.4	381.4
45°	14908.3	10043.4	2356.2	949.2	618.7	466.1	406.8	381.4	356.0	347.5	339.0
47.5°	14899.8	9780.6	2068.0	856.0	576.3	432.2	381.4	356.0	330.5	322.1	322.1
50°	14840.5	9390.8	1745.9	788.2	542.4	406.8	356.0	339.0	313.6	305.1	296.6
52.5°	14984.6	9170.4	1457.8	745.8	500.1	389.9	347.5	322.1	288.2	279.7	279.7
55°	15162.5	9043.3	1169.6	703.5	466.1	381.4	330.5	305.1	271.2	262.7	262.7
57.5°	14645.5	8560.2	966.2	635.7	423.8	364.4	313.6	296.6	262.7	237.3	237.3
60°	13018.3	7077.0	796.7	559.4	389.9	339.0	296.6	271.2	237.3	203.4	203.4
62.5°	10585.8	5398.8	661.1	474.6	364.4	313.6	271.2	245.8	203.4	161.0	161.0
64°	*9195.8*	*4585.2*	*593.3*	*415.3*	*347.5*	*288.2*	*245.8*	*220.4*	*178.0*	*135.6*	*127.1*
65°	8246.6	4051.3	550.9	389.9	339.0	271.2	237.3	211.9	161.0	127.1	118.7
67.5°	5805.7	2720.6	440.7	322.1	296.6	228.8	203.4	178.0	144.1	110.2	101.7
70°	3381.7	1542.5	347.5	271.2	228.8	178.0	169.5	161.0	127.1	84.8	84.8
72.5°	1839.2	771.3	262.7	220.4	178.0	127.1	144.1	127.1	101.7	67.8	59.3
75°	1127.2	474.6	194.9	161.0	118.7	93.2	110.2	93.2	59.3	42.4	33.9
77.5°	754.3	305.1	144.1	110.2	76.3	59.3	76.3	50.9	25.4	8.5	8.5
80°	466.1	211.9	93.2	67.8	42.4	25.4	17.0	8.5	8.5	0.0	0.0
82.5°	203.4	135.6	50.9	33.9	17.0	8.5	8.5	0.0	0.0	0.0	0.0
85°	110.2	42.4	17.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.9	17.0	8.5	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

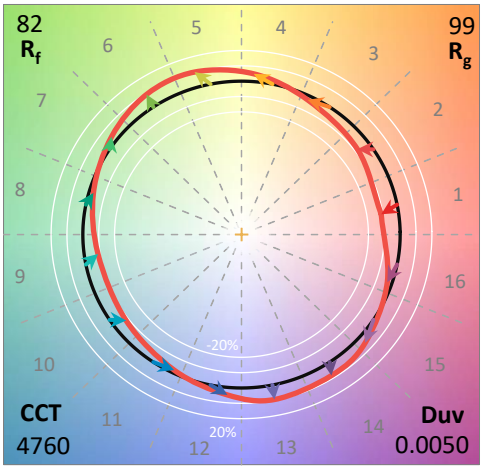
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1
R1:	79.8
R2:	83.5
R3:	87.9
R4:	83.1
R5:	80.5
R6:	79.1
R7:	86.1
R8:	69.0
R9:	8.7
R10:	62.4
R11:	83.8
R12:	63.0
R13:	79.9
R14:	93.3
R15:	72.7



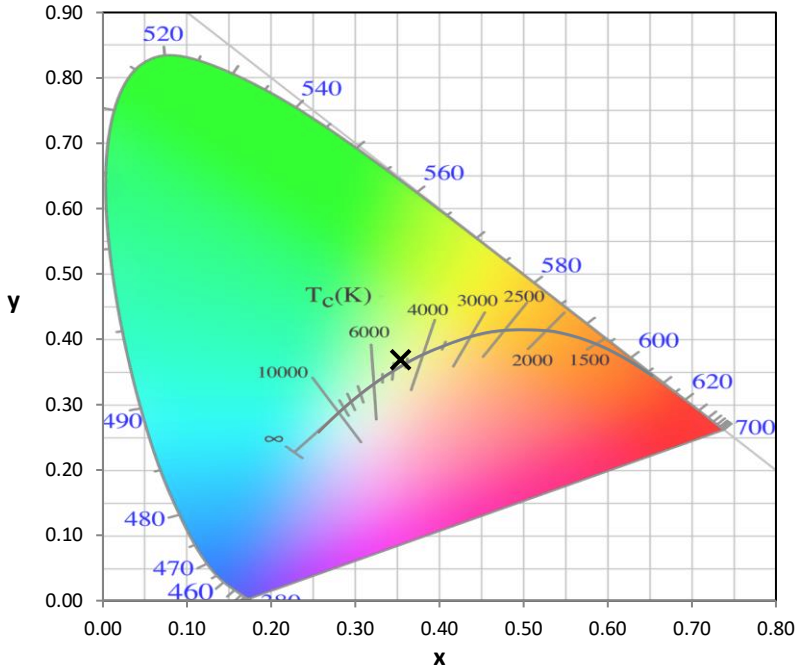
Test Conditions

Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

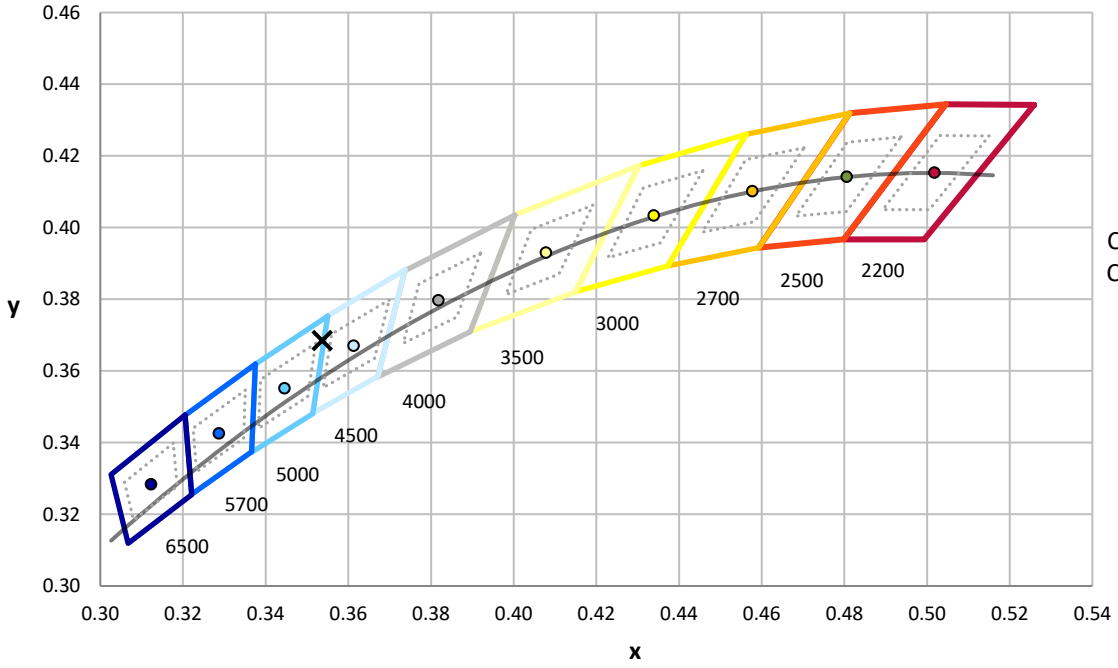
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

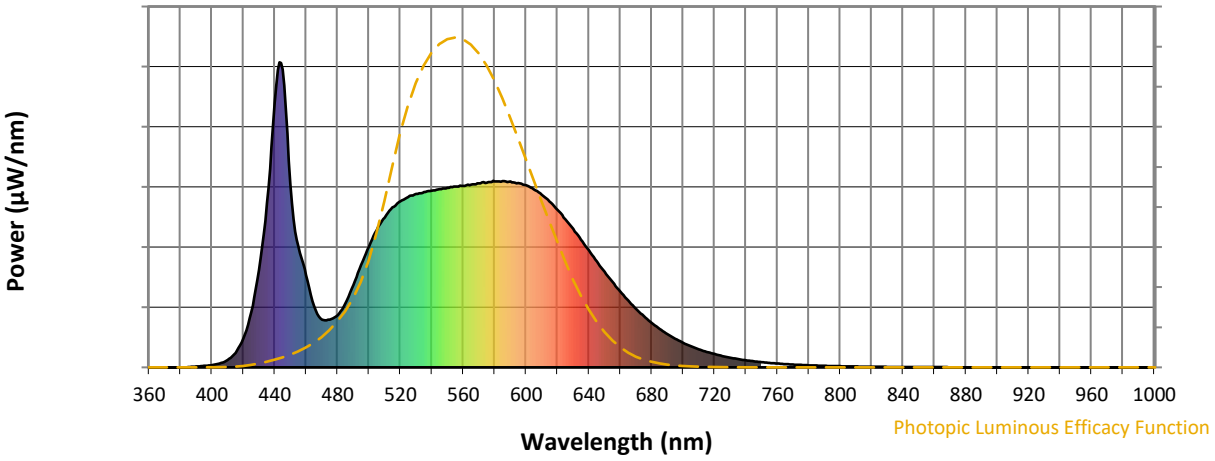


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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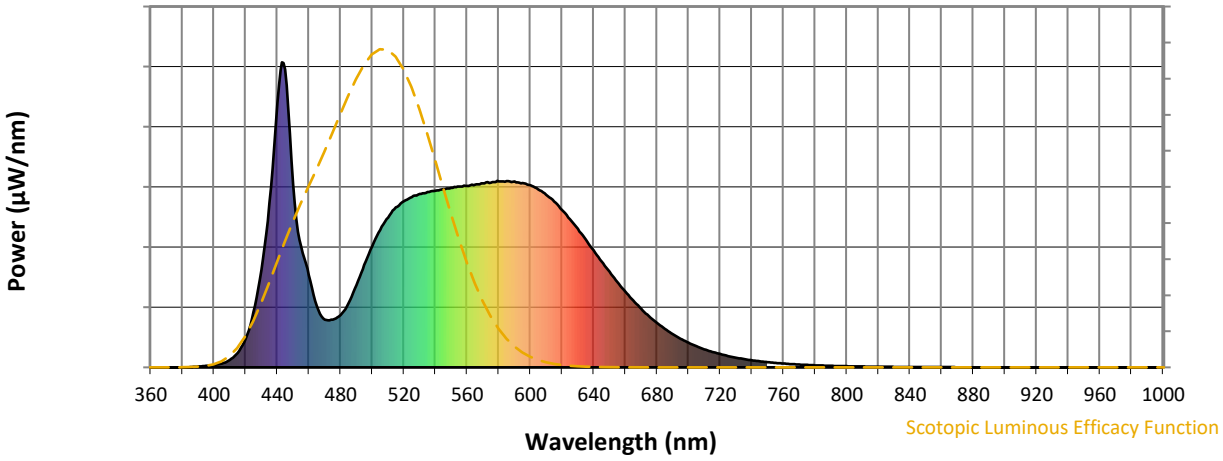
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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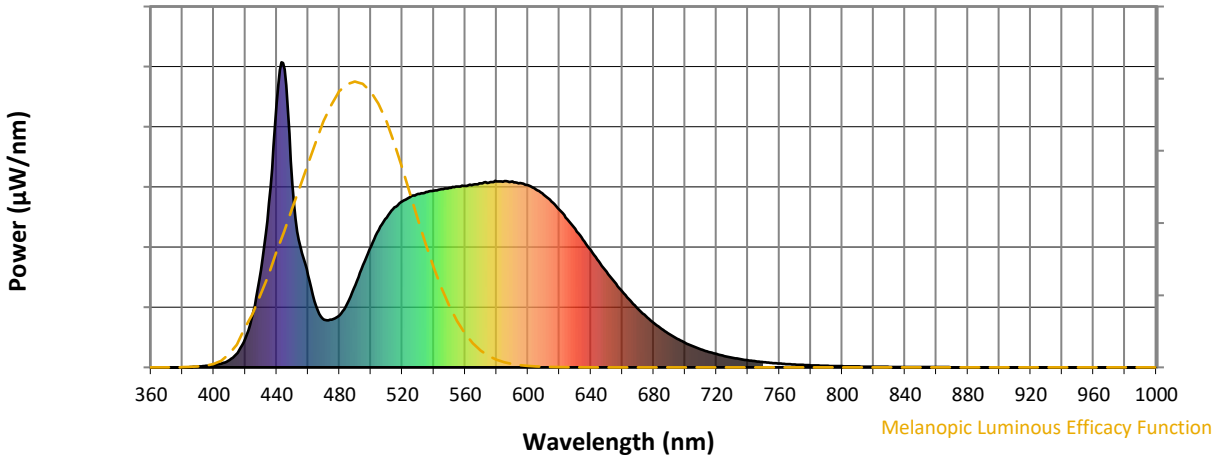
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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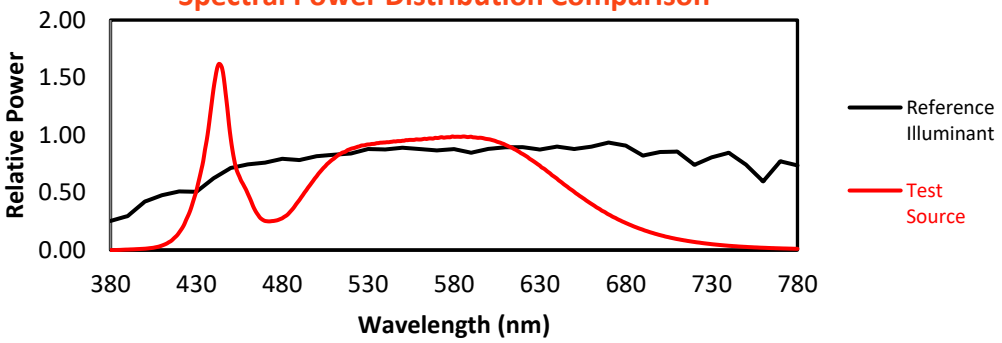
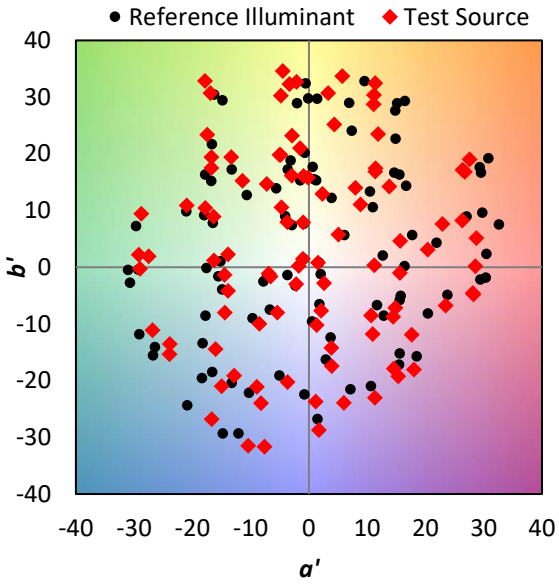
Summary

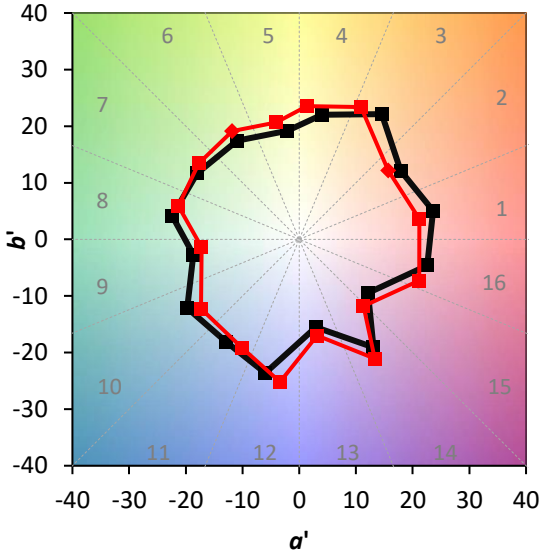
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

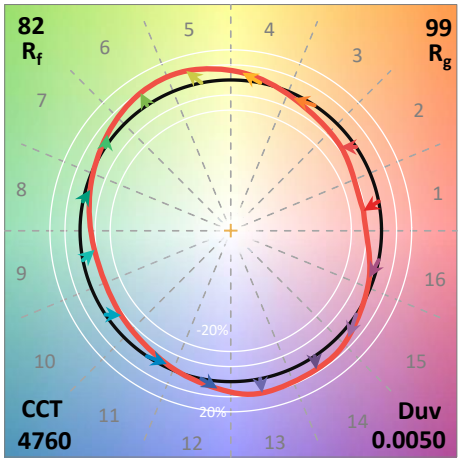
Spectral Power Distribution Comparison

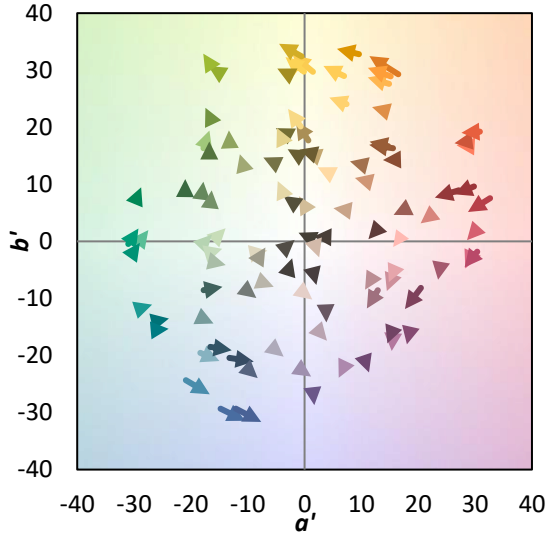


Color Vector Graphics









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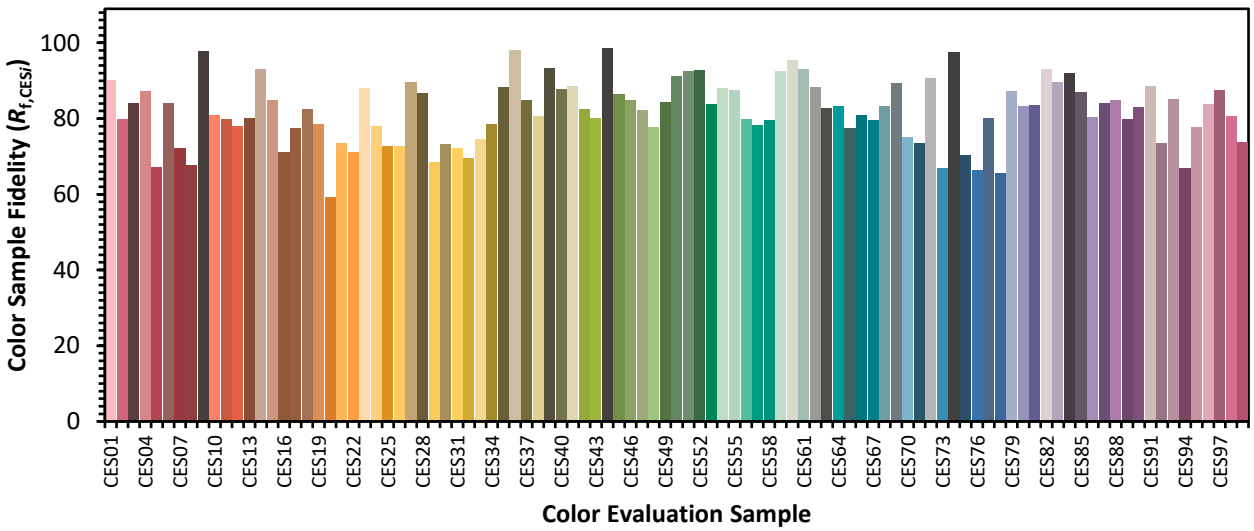
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



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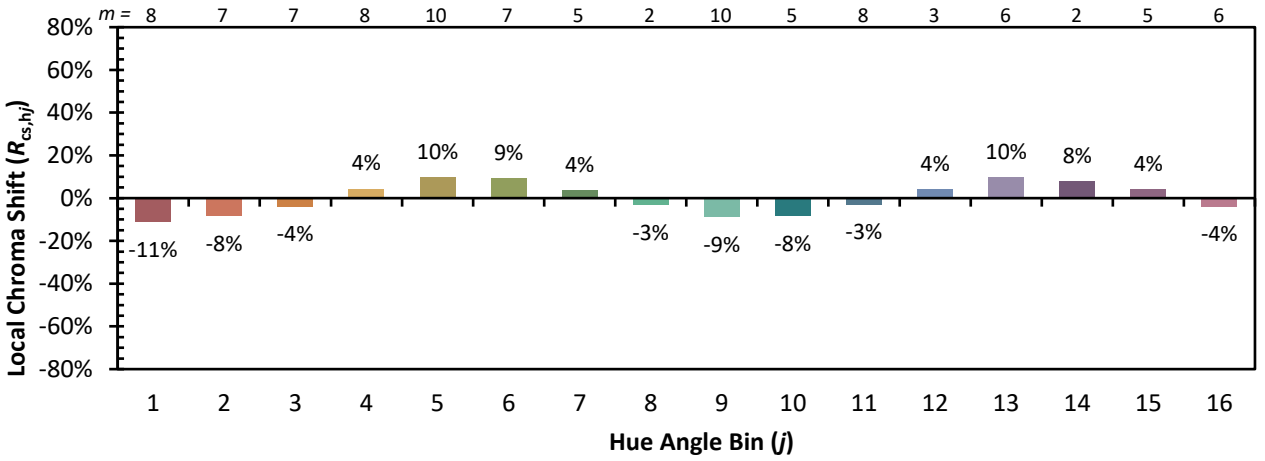
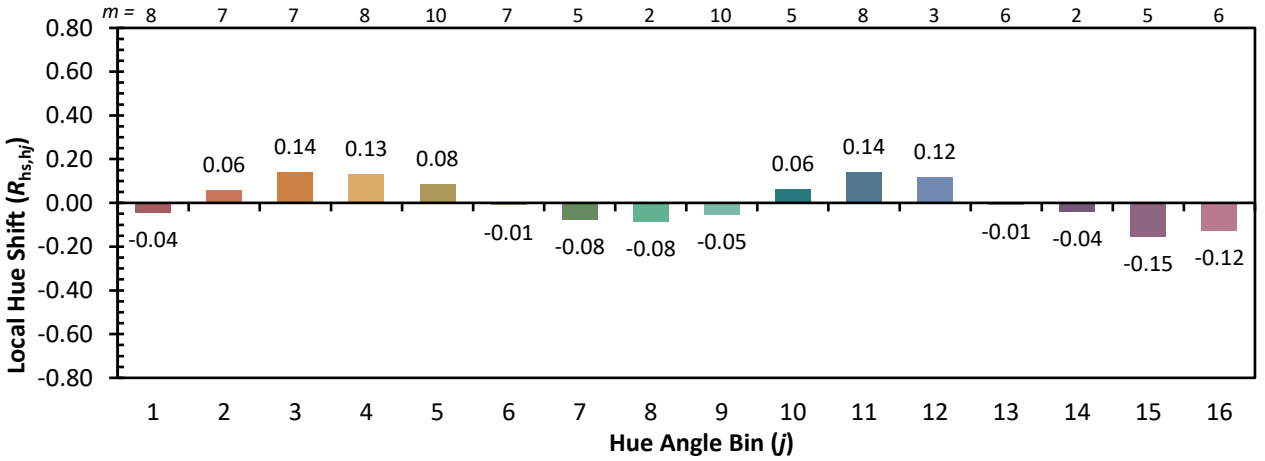
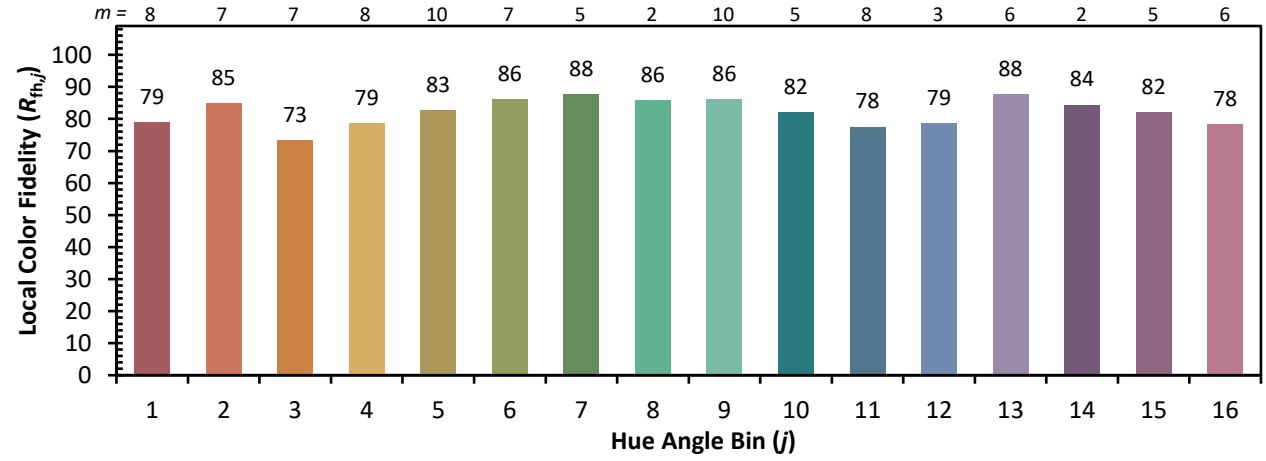
Color Rendition by Hue-Angle Bin







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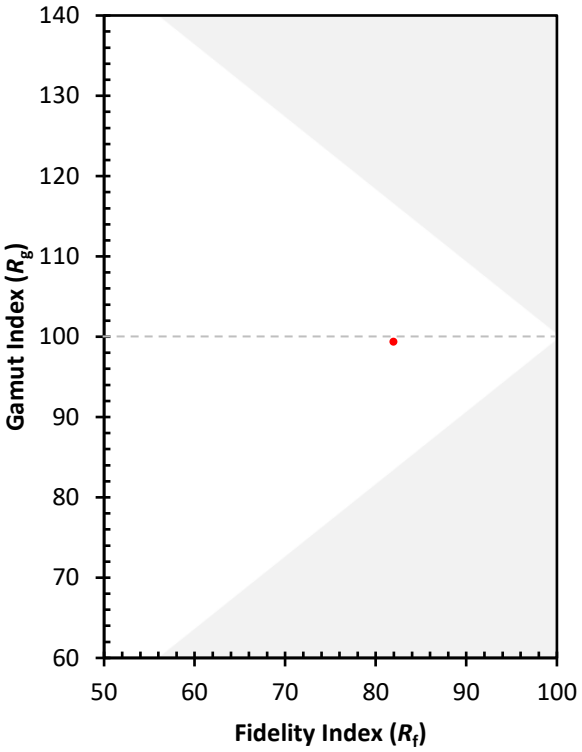
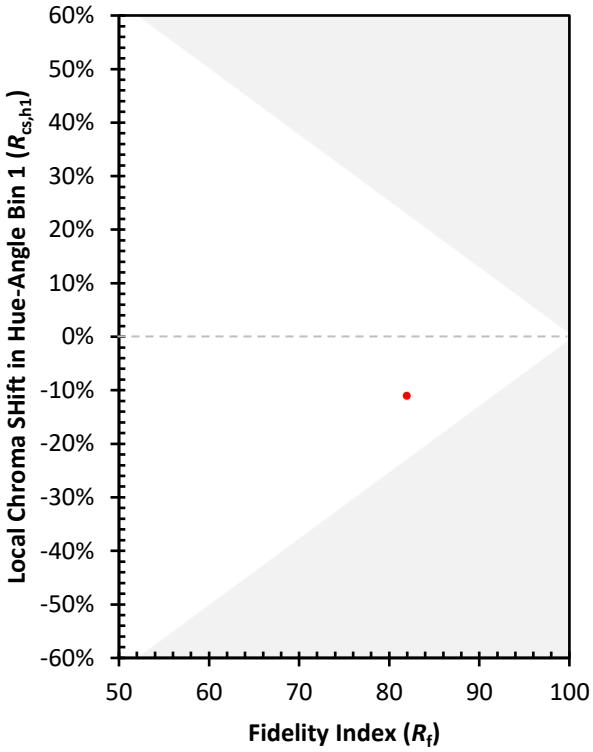
Measure Comparisons





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