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: P1459010

Luminaire Tested: GLAN-SB4D-840-U-T4LG-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:	P1459010
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28284 lumens
Efficiency:	N/A
Efficacy:	96.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G4

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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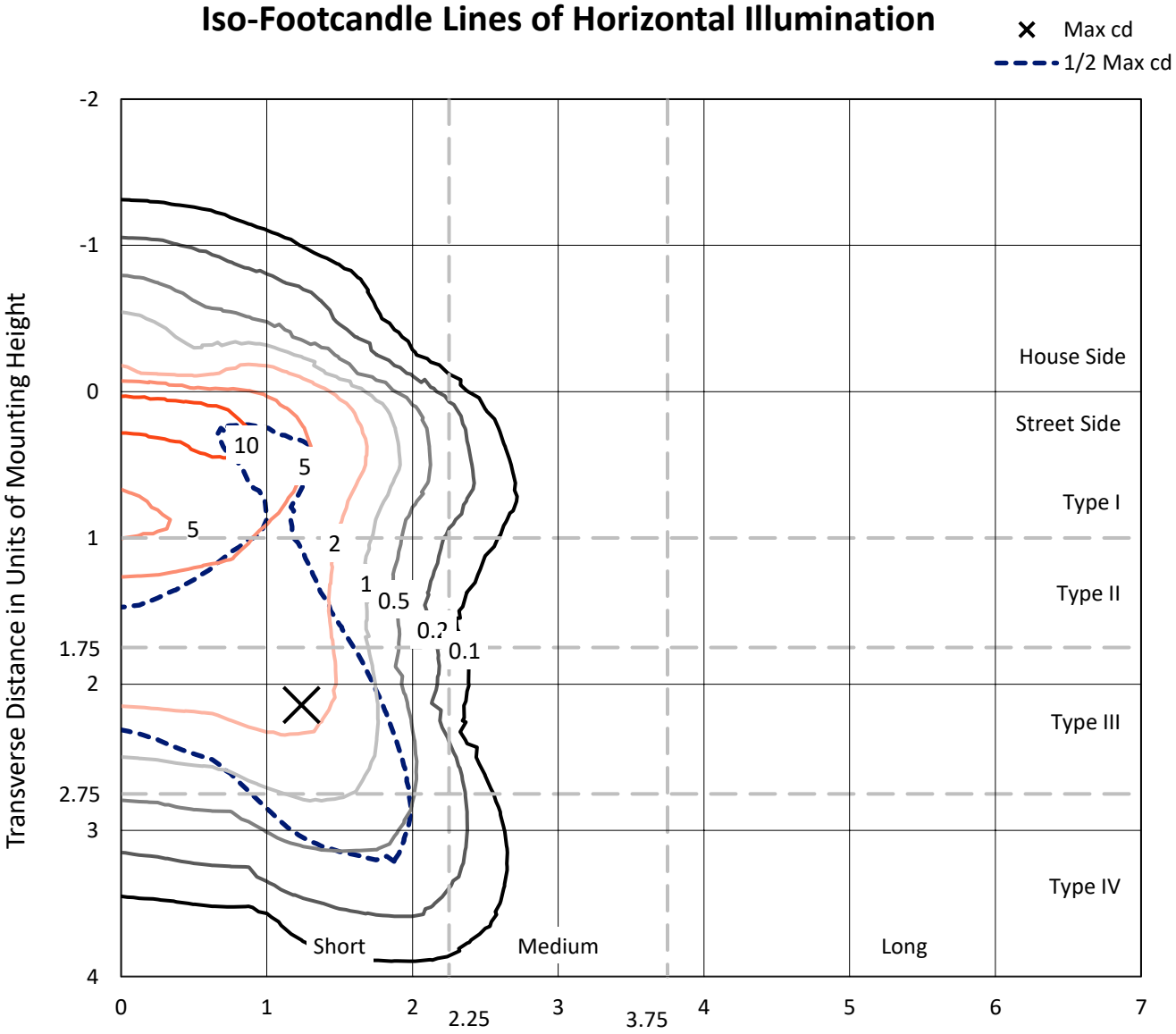
REPORT NUMBER: P1459010
CATALOG NUMBER: GLAN-SB4D-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 13.6 fc
Type IV - Short - N/A

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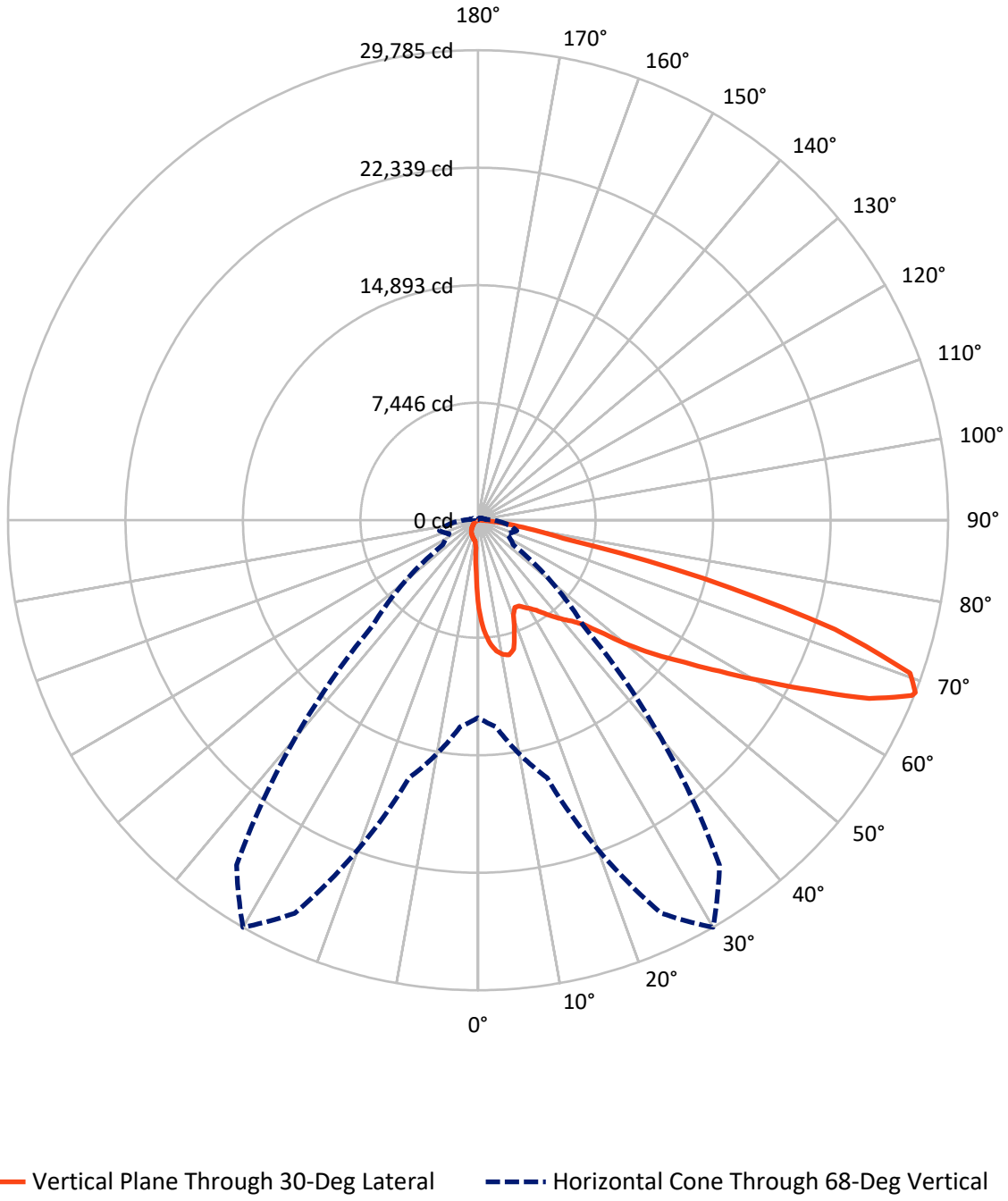
Luminous Intensity Polar Plot



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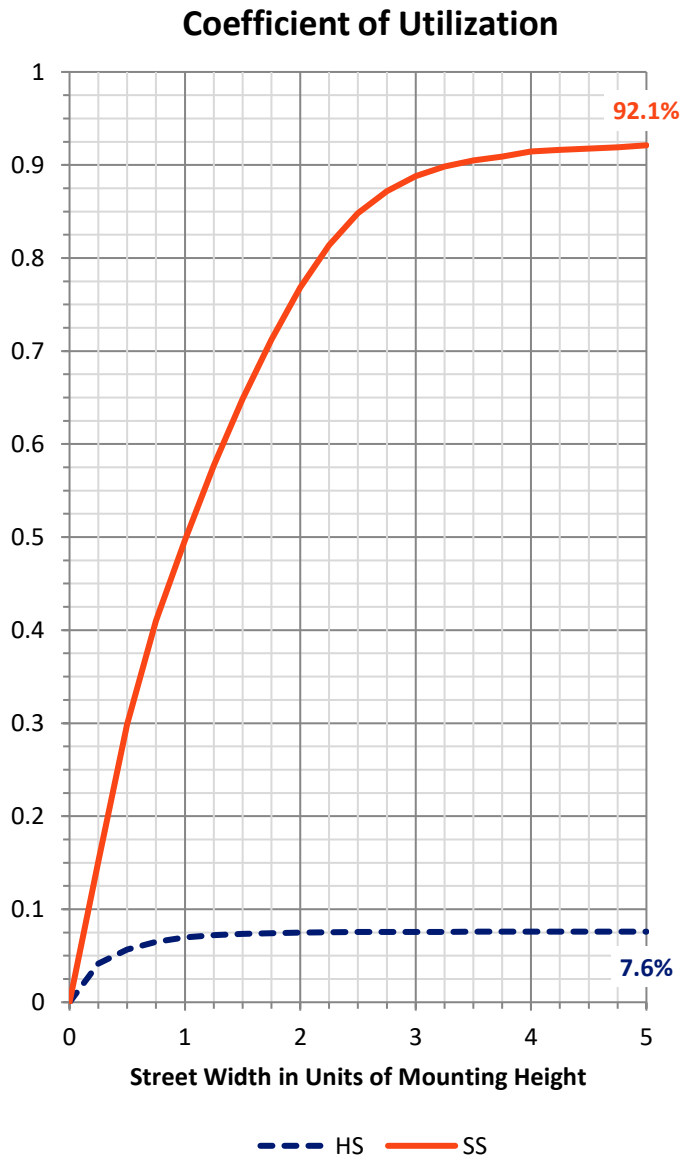
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2158.8	0.0	2158.8
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	26125.2	0.0	26125.2
	% Fixture	92.4	0.0	92.4
Total	Lumens	28284.0	0.0	28284.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	481.2	1.7
10°-20°	1373.9	4.9
20°-30°	2159.1	7.6
30°-40°	3386.4	12.0
40°-50°	5061.7	17.9
50°-60°	6733.6	23.8
60°-70°	6509.3	23.0
70°-80°	2339.9	8.3
80°-90°	238.8	0.8
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°	28284.0	100.0
0°-180°	28284.0	100.0



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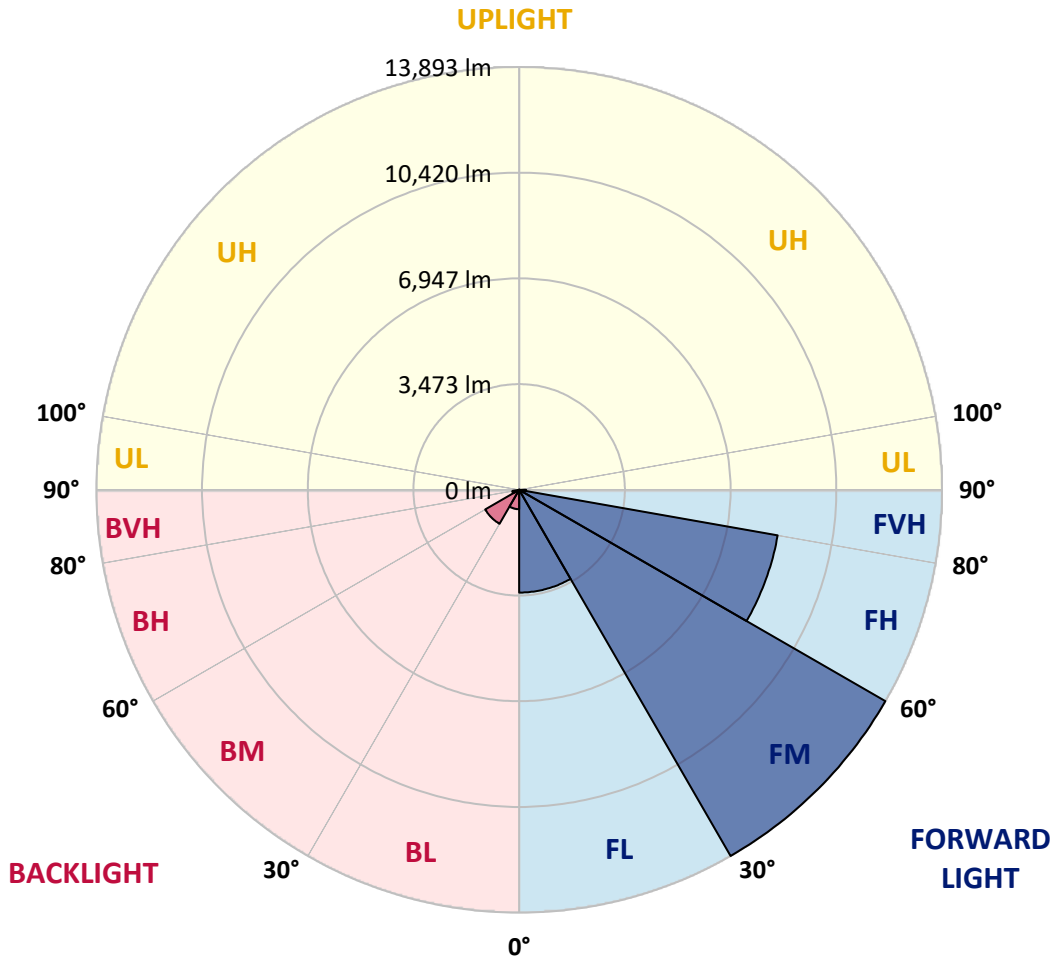
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3377.1	11.9			
FM	(30°-60°)	13893.1	49.1			
FH	(60°-80°)	8624.7	30.5			G4/12000
FVH	(80°-90°)	230.3	0.8			G3/500
BL	(0°-30°)	637.2	2.3	B2/1000		
BM	(30°-60°)	1288.6	4.6	B2/2500		
BH	(60°-80°)	224.5	0.8	B1/500		G1/500
BVH	(80°-90°)	8.5	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 IV Short



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REPORT NUMBER: P1459010
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3
2.5°	7128.4	7128.4	7077.5	7009.7	6933.4	6908.0	6763.9	6560.5	6348.6	6102.8	5746.8
5°	8043.8	8035.3	7933.6	7933.6	7831.9	7738.7	7594.6	7297.9	6958.9	6518.1	5899.4
7.5°	8450.7	8467.6	8425.2	8425.2	8365.9	8298.1	8213.3	7925.1	7526.8	6933.4	6051.9
10°	8594.8	8603.2	8603.2	8662.6	8645.6	8637.1	8628.7	8467.6	8052.3	7357.2	6213.0
12.5°	8247.2	8289.6	8408.3	8671.0	8755.8	8849.0	8976.2	8925.3	8637.1	7891.2	6458.8
15°	7128.4	7136.9	7467.4	8120.1	8467.6	8823.6	9315.2	9416.9	9230.5	8467.6	6713.1
17.5°	5882.4	5907.8	6170.6	6899.5	7459.0	8281.1	9510.2	9925.5	9857.7	9035.5	6950.4
20°	5365.4	5399.3	5526.4	5984.1	6407.9	7170.8	9315.2	10408.6	10434.1	9603.4	7170.8
22.5°	5246.7	5272.1	5373.8	5729.8	5992.6	6501.2	8654.1	10790.1	11086.7	10256.1	7433.5
25°	5212.8	5238.2	5390.8	5780.7	6026.5	6450.3	8052.3	10993.5	11858.0	10934.2	7687.8
27.5°	5187.4	5221.3	5467.1	5967.2	6255.4	6662.2	7942.1	11035.9	12595.5	11654.6	8103.1
30°	5221.3	5272.1	5594.2	6162.1	6492.7	6950.4	8204.9	11078.2	13409.2	12476.8	8628.7
32.5°	5356.9	5399.3	5789.2	6424.9	6806.3	7323.3	8654.1	11332.5	14180.5	13315.9	9128.7
35°	5509.5	5568.8	6035.0	6797.8	7255.5	7840.4	9264.4	11832.6	14917.9	14112.7	9645.8
37.5°	5695.9	5763.7	6323.2	7221.6	7747.1	8408.3	9925.5	12527.7	15570.6	14765.3	10162.8
40°	5950.2	6026.5	6653.7	7670.9	8238.8	8899.9	10578.2	13214.2	16070.7	15155.2	10501.9
42.5°	6950.4	7052.1	7314.9	8111.6	8747.3	9425.4	11222.3	13866.9	16257.1	15282.4	10569.7
45°	8815.1	8916.8	8849.0	9001.6	9425.4	10061.1	11925.9	14494.1	16282.6	15248.5	10535.8
47.5°	10688.3	10807.0	10747.7	10662.9	10756.2	11061.3	12714.1	14892.5	16146.9	15231.5	10535.8
50°	12476.8	12409.0	12417.5	12392.0	12476.8	12637.8	13477.0	14968.8	16113.0	15392.6	10629.0
52.5°	13434.6	13468.5	13680.4	13994.0	14180.5	14341.5	14350.0	15087.4	15867.2	15121.3	10518.8
55°	14375.4	14443.3	14934.9	15468.9	15884.2	16189.3	15223.1	15011.1	14400.9	14214.4	9942.4
57.5°	15435.0	15528.2	16223.2	17325.1	18054.1	18215.1	16087.6	13587.2	12188.6	12917.6	8823.6
60°	16892.8	17003.0	17926.9	19579.8	20664.7	20334.1	16155.4	11324.1	9679.7	10722.2	7281.0
62.5°	18037.1	18257.5	19927.3	22504.0	23699.1	22648.1	14892.5	8679.5	6763.9	7535.2	5314.5
65°	16816.6	17240.4	19961.2	25852.1	27233.7	25368.9	12909.1	5924.8	3814.2	4873.7	3398.9
67.5°	13595.6	14189.0	17723.5	27479.5	29657.8	26801.4	10162.8	3144.6	2186.8	2831.0	1788.5
68°	12510.7	13154.9	16901.3	27479.5	29785.0	26674.2	9433.9	2720.8	2017.3	2542.8	1551.1
70°	8645.6	9103.3	12993.8	25936.8	29039.1	24317.9	6213.0	1559.6	1517.2	1746.1	1025.6
72.5°	4238.0	4729.7	6950.4	20554.5	23656.8	18689.8	2831.0	1034.1	1152.7	1279.9	805.2
75°	1686.7	1788.5	2737.8	10137.4	14782.3	11925.9	1483.3	779.8	991.7	1000.2	635.7
77.5°	966.3	1025.6	1517.2	3729.5	5543.4	5331.5	957.8	559.4	788.3	720.5	415.3
80°	542.5	550.9	856.1	1966.5	3170.1	2839.5	652.7	406.9	601.8	508.6	279.7
82.5°	271.2	305.1	542.5	1084.9	1763.0	1805.4	347.5	288.2	483.1	364.5	228.9
85°	194.9	211.9	389.9	601.8	813.7	1220.6	211.9	144.1	364.5	245.8	161.0
87.5°	101.7	127.1	245.8	296.7	330.6	415.3	101.7	67.8	203.4	144.1	84.8
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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Scaled Data Report

REPORT NUMBER: P1459010
CATALOG NUMBER: GLAN-SB4D-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3	5577.3
2.5°	5577.3	5382.3	4983.9	4517.8	4153.3	3780.3	3475.2	3187.0	3051.4	3034.4	3068.3
5°	5551.8	5128.0	4221.1	3331.1	2602.2	2093.6	1813.9	1669.8	1593.5	1559.6	1568.1
7.5°	5501.0	4856.8	3407.4	2254.6	1686.7	1466.4	1398.6	1373.1	1364.6	1364.6	1364.6
10°	5450.1	4492.3	2610.6	1652.8	1381.6	1322.3	1305.3	1305.3	1296.8	1296.8	1305.3
12.5°	5424.7	4153.3	2025.8	1381.6	1288.4	1262.9	1246.0	1237.5	1237.5	1237.5	1246.0
15°	5365.4	3780.3	1635.9	1279.9	1229.0	1195.1	1186.7	1178.2	1178.2	1178.2	1178.2
17.5°	5314.5	3415.9	1424.0	1212.1	1169.7	1135.8	1127.3	1118.8	1118.8	1127.3	1127.3
20°	5238.2	3068.3	1279.9	1144.3	1110.4	1076.5	1068.0	1059.5	1068.0	1068.0	1068.0
22.5°	5145.0	2780.2	1195.1	1093.4	1051.0	1017.1	1017.1	1017.1	1017.1	1017.1	1025.6
25°	5085.7	2576.7	1135.8	1034.1	991.7	966.3	957.8	957.8	974.7	974.7	983.2
27.5°	5178.9	2525.9	1144.3	1017.1	940.8	915.4	906.9	906.9	923.9	932.4	940.8
30°	5458.6	2619.1	1246.0	1068.0	906.9	864.6	856.1	856.1	881.5	890.0	898.5
32.5°	5780.7	2814.1	1398.6	1135.8	881.5	813.7	796.8	796.8	822.2	830.7	839.1
35°	6221.4	3119.2	1602.0	1195.1	898.5	762.8	728.9	728.9	745.9	762.8	771.3
37.5°	6789.3	3619.3	1839.3	1237.5	898.5	703.5	661.1	652.7	669.6	669.6	678.1
40°	7382.7	4271.9	2085.1	1237.5	856.1	644.2	601.8	576.4	584.8	576.4	584.8
42.5°	7713.2	4797.5	2297.0	1161.2	805.2	584.8	542.5	508.6	500.1	483.1	491.6
45°	7899.7	5034.8	2237.7	1076.5	754.4	542.5	491.6	449.2	432.3	406.9	406.9
47.5°	7899.7	5060.2	1915.6	1008.7	703.5	508.6	440.8	398.4	372.9	347.5	356.0
50°	7806.5	4831.4	1517.2	940.8	644.2	474.7	398.4	364.5	330.6	313.6	313.6
52.5°	7416.6	4085.5	1161.2	856.1	576.4	432.3	356.0	322.1	288.2	279.7	279.7
55°	6747.0	3000.5	940.8	771.3	517.0	398.4	322.1	296.7	262.8	245.8	245.8
57.5°	5484.0	2051.2	779.8	695.0	457.7	356.0	288.2	262.8	220.4	203.4	203.4
60°	4068.5	1339.2	661.1	610.3	389.9	322.1	254.3	220.4	186.5	169.5	161.0
62.5°	2746.3	906.9	550.9	483.1	330.6	279.7	220.4	186.5	144.1	110.2	110.2
65°	1712.2	703.5	457.7	381.4	288.2	245.8	186.5	144.1	101.7	76.3	67.8
67.5°	983.2	567.9	372.9	296.7	245.8	194.9	144.1	118.7	84.8	59.3	50.9
68°	*906.9*	*542.5*	*347.5*	*279.7*	*228.9*	*186.5*	*135.6*	*110.2*	*76.3*	*50.9*	*50.9*
70°	737.4	483.1	296.7	228.9	194.9	152.6	118.7	93.2	59.3	33.9	33.9
72.5°	652.7	406.9	254.3	178.0	135.6	127.1	93.2	67.8	42.4	25.4	17.0
75°	534.0	322.1	203.4	135.6	93.2	93.2	67.8	42.4	17.0	0.0	0.0
77.5°	347.5	237.3	161.0	84.8	50.9	59.3	42.4	17.0	0.0	0.0	0.0
80°	228.9	178.0	110.2	42.4	25.4	25.4	8.5	0.0	0.0	0.0	0.0
82.5°	161.0	118.7	67.8	17.0	8.5	8.5	0.0	0.0	0.0	0.0	0.0
85°	101.7	50.9	25.4	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	42.4	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

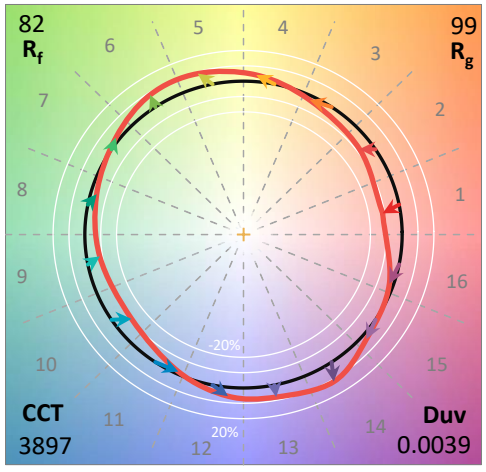
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

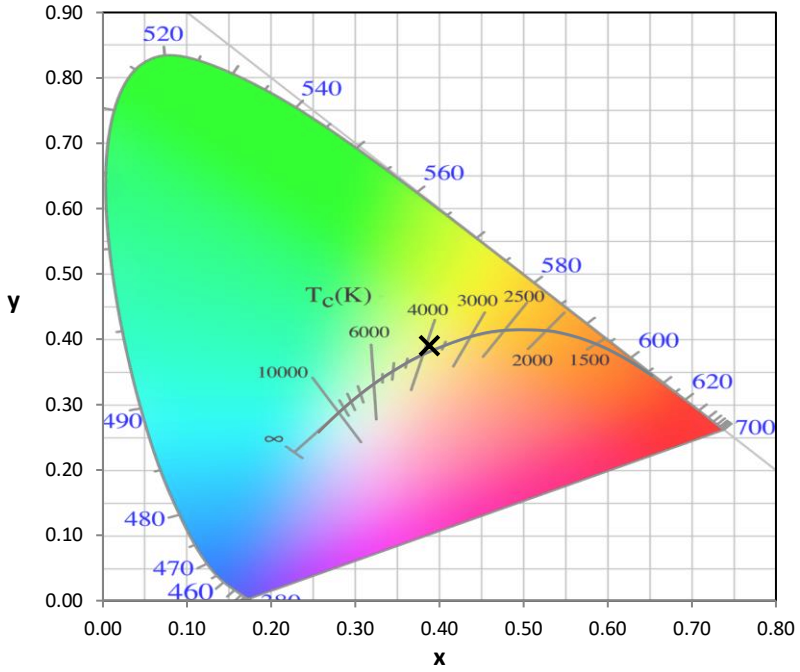
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

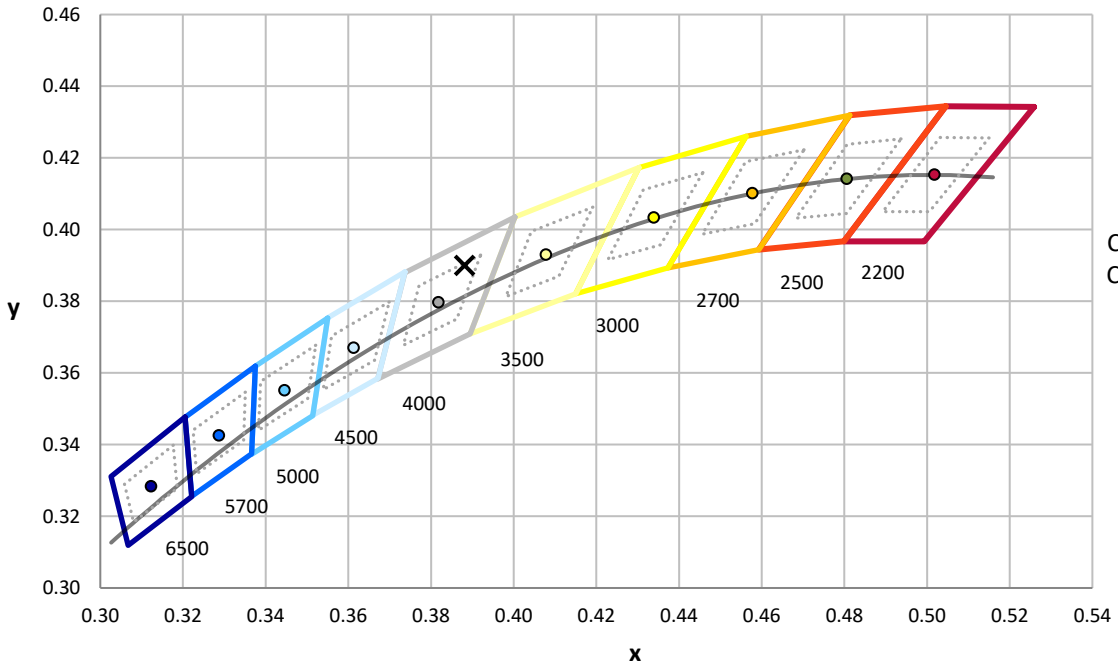
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

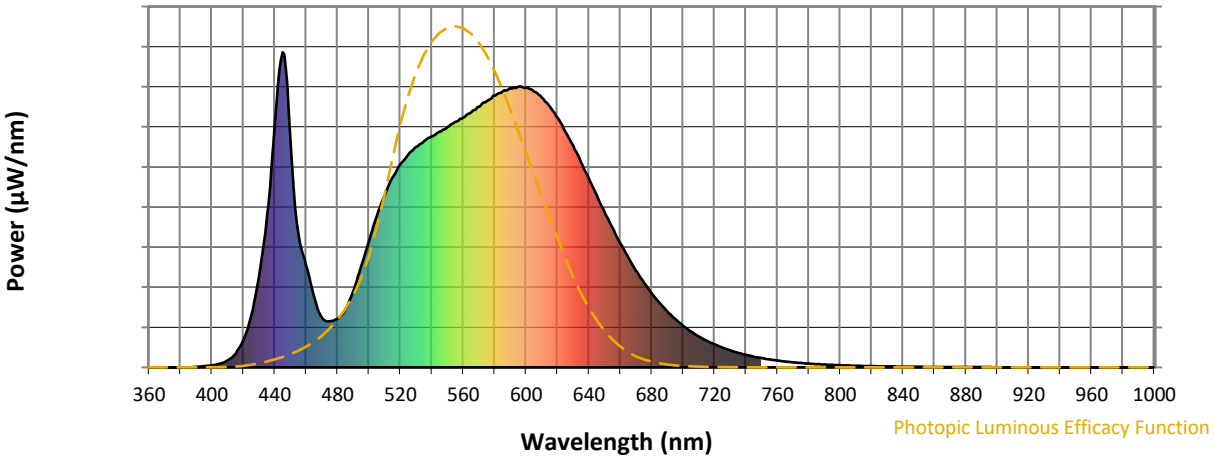


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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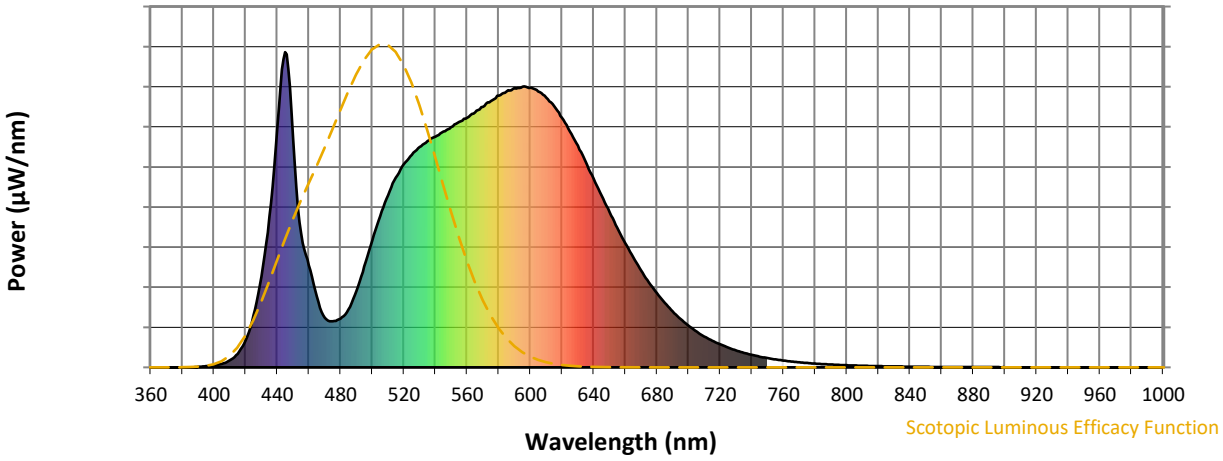
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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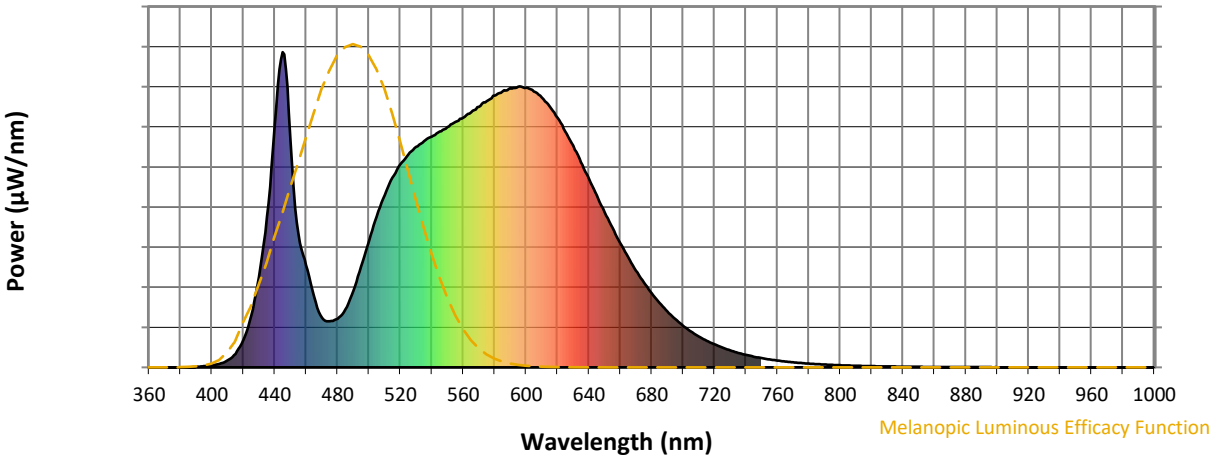
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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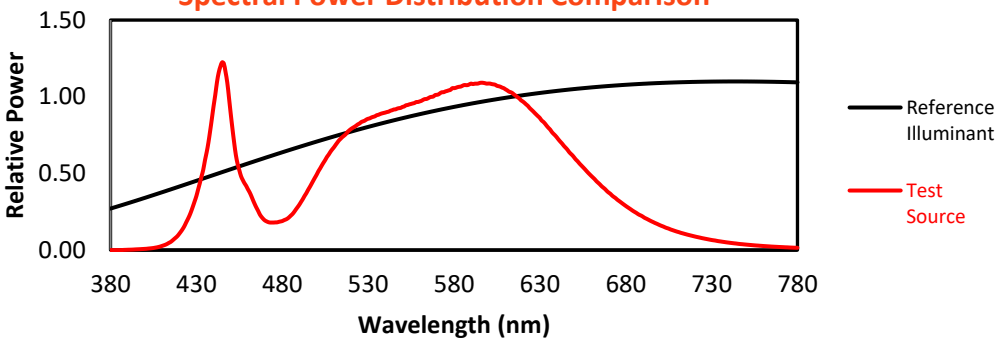
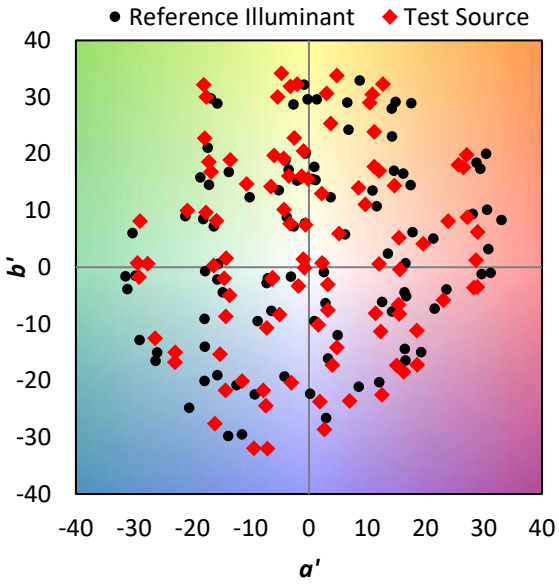
Summary

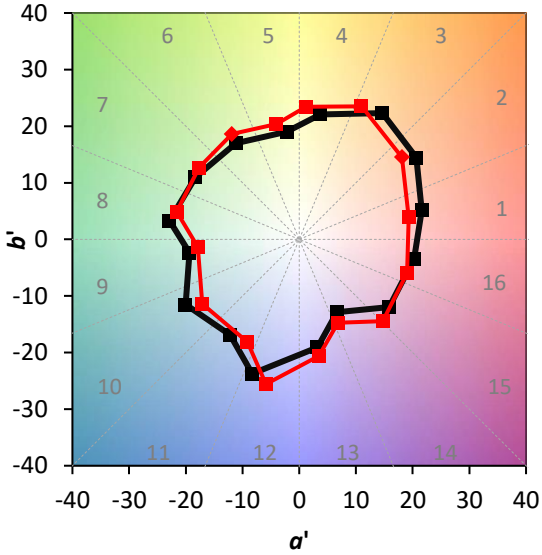
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

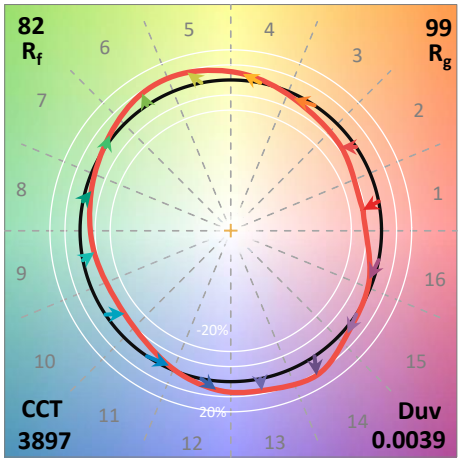
Spectral Power Distribution Comparison

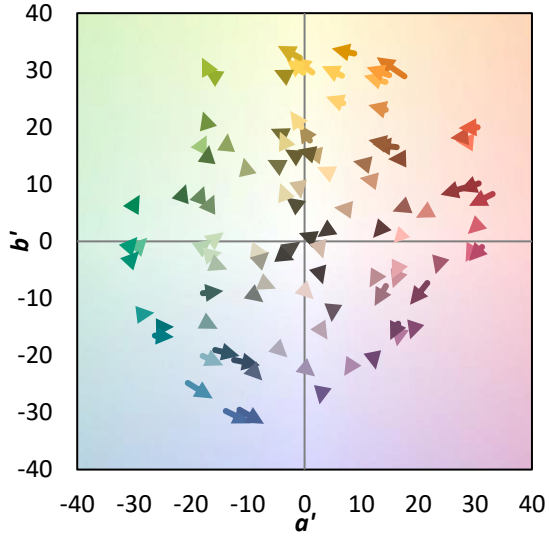


Color Vector Graphics









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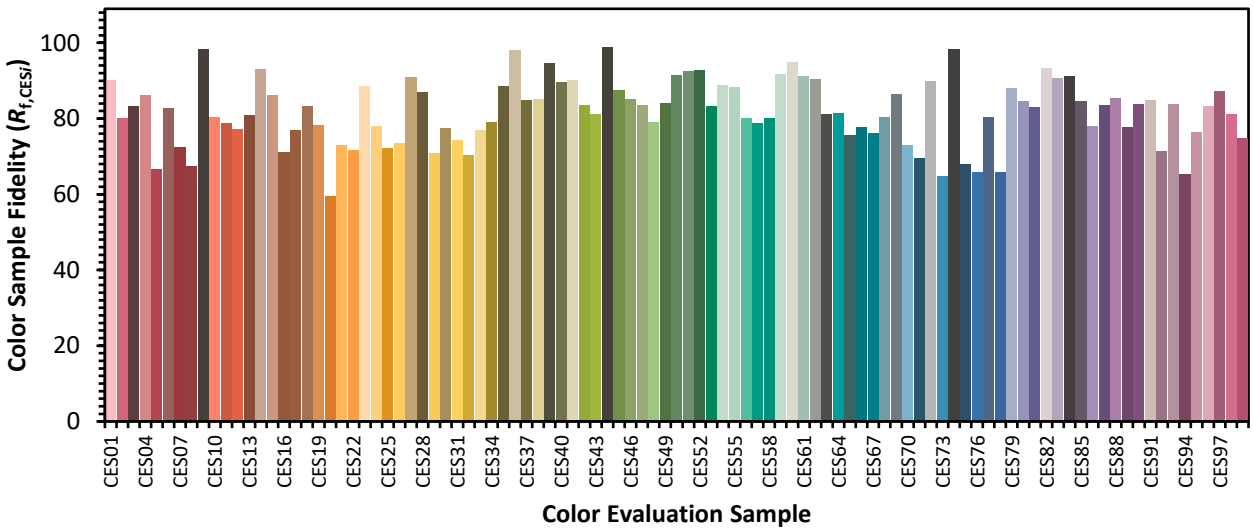
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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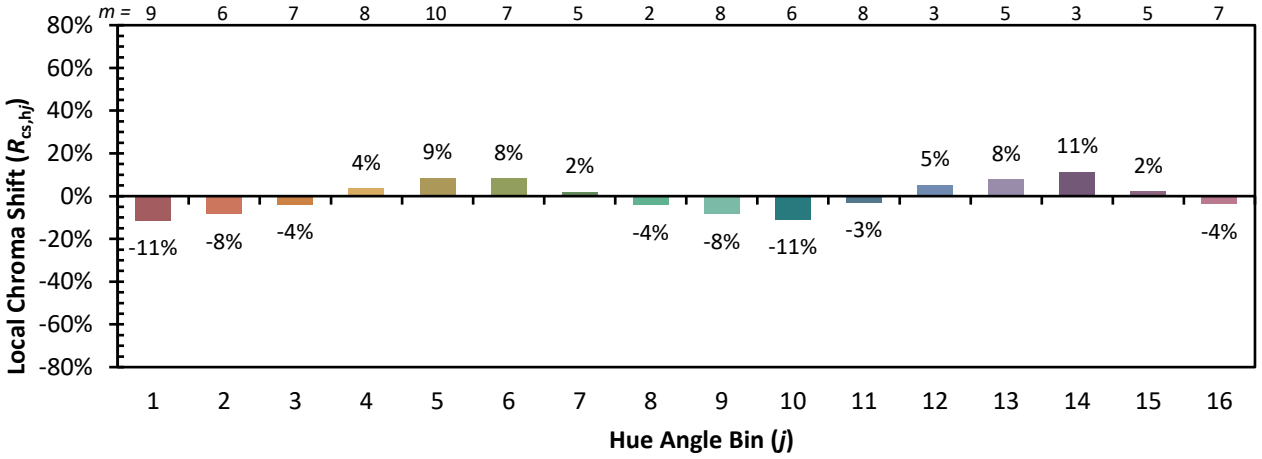
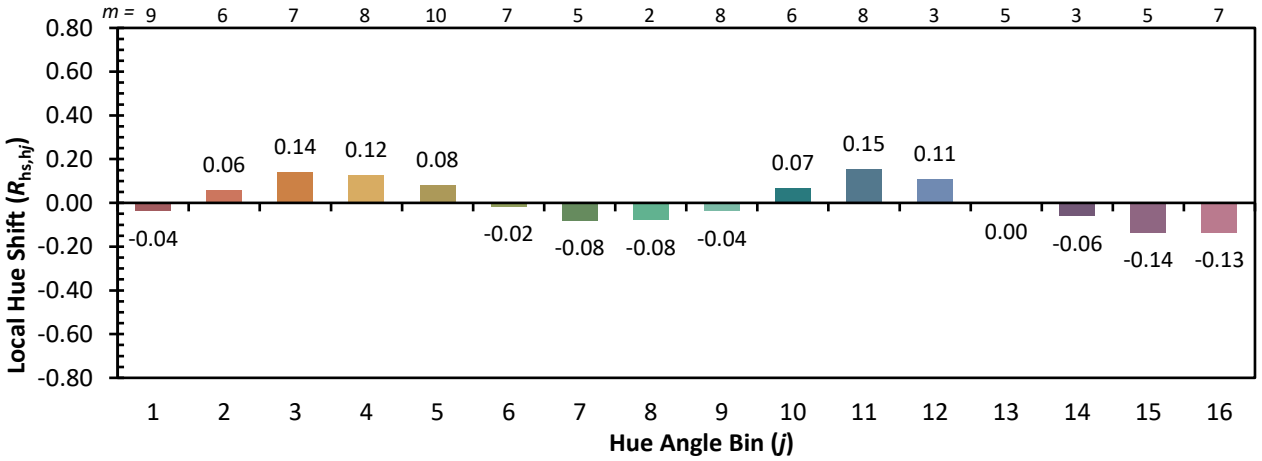
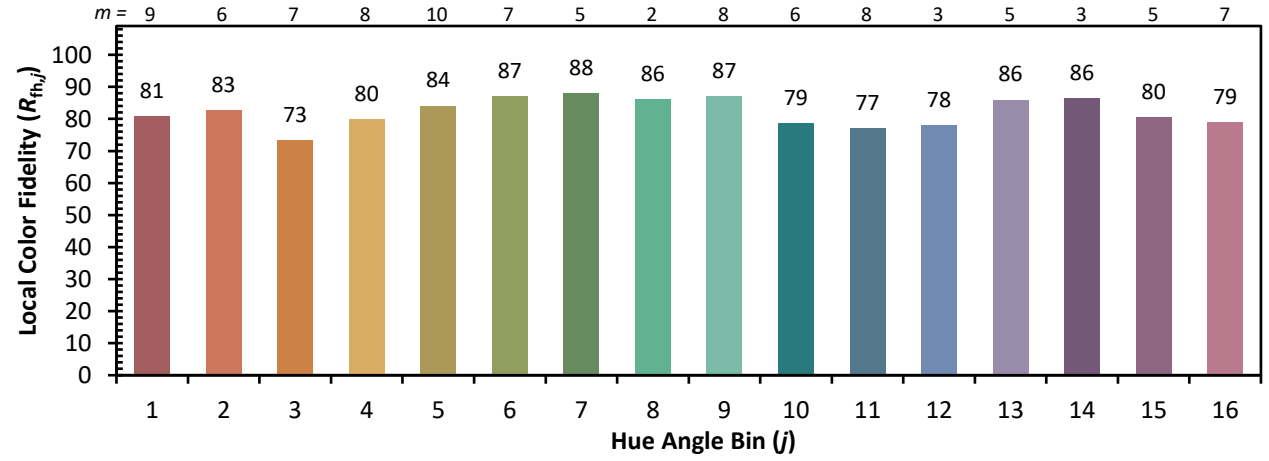
Color Rendition by Hue-Angle Bin







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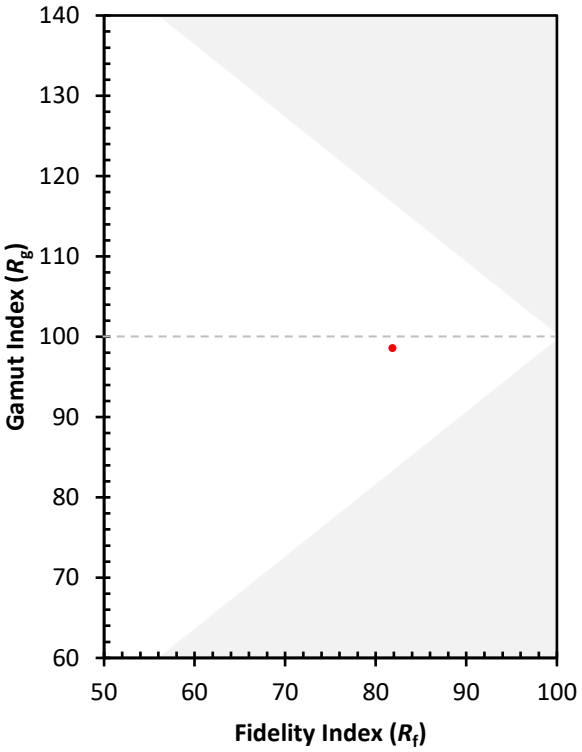
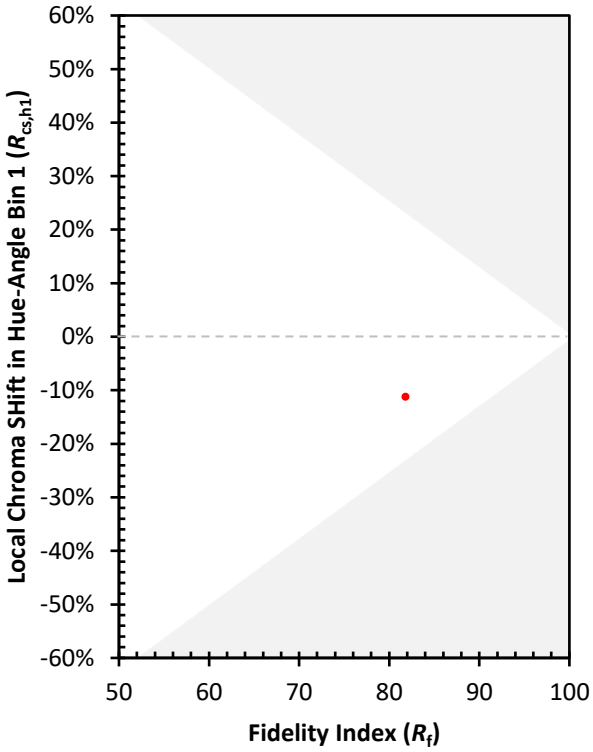
Measure Comparisons





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