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: P1458449

Luminaire Tested: GLAN-SB8C-840-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:	P1458449
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8C-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 8xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(208) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	44267.7 lumens
Efficiency:	N/A
Efficacy:	110.7 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):	399.8
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: P1458449
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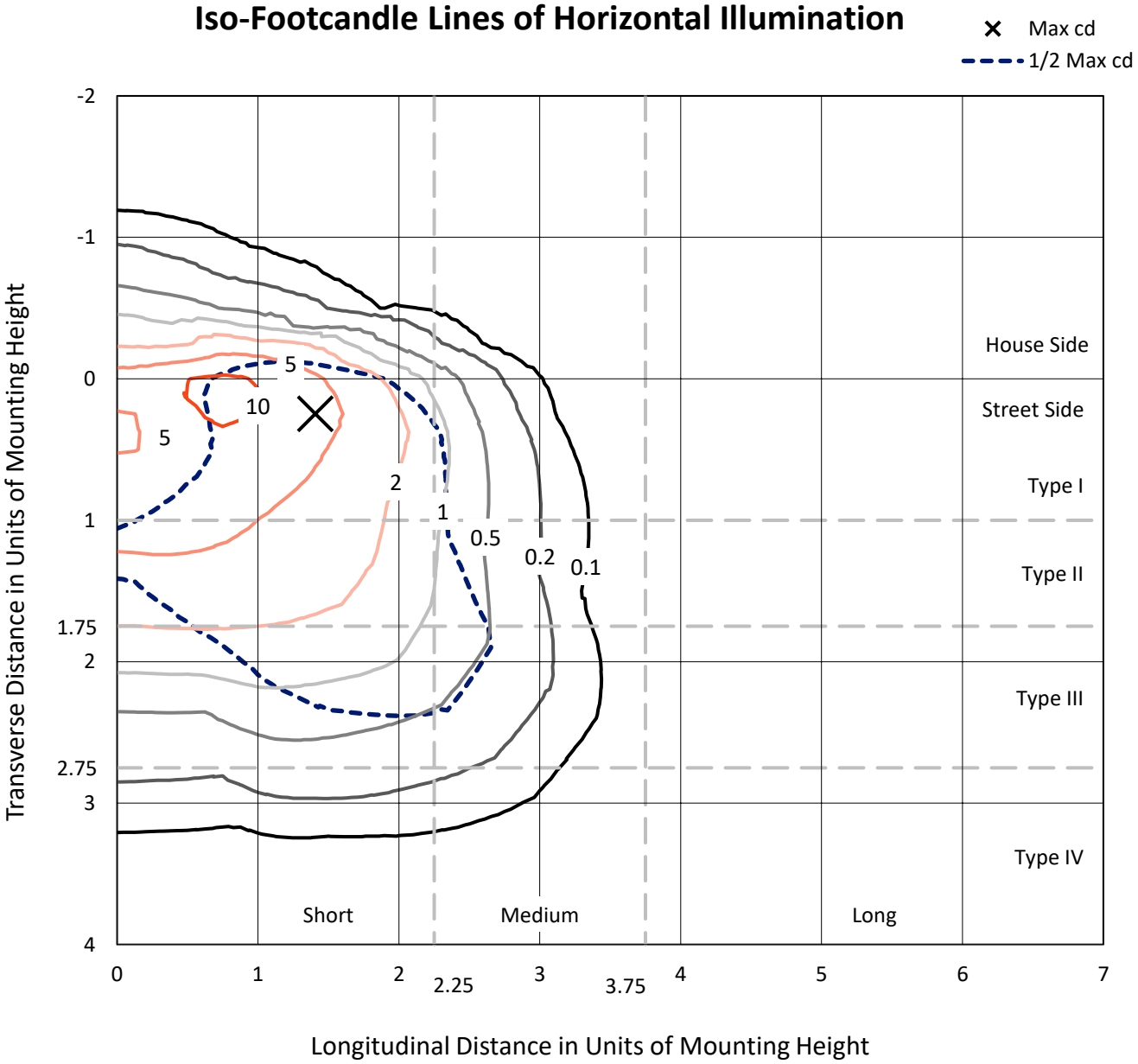
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 12.1 fc
Type III - Short - N/A

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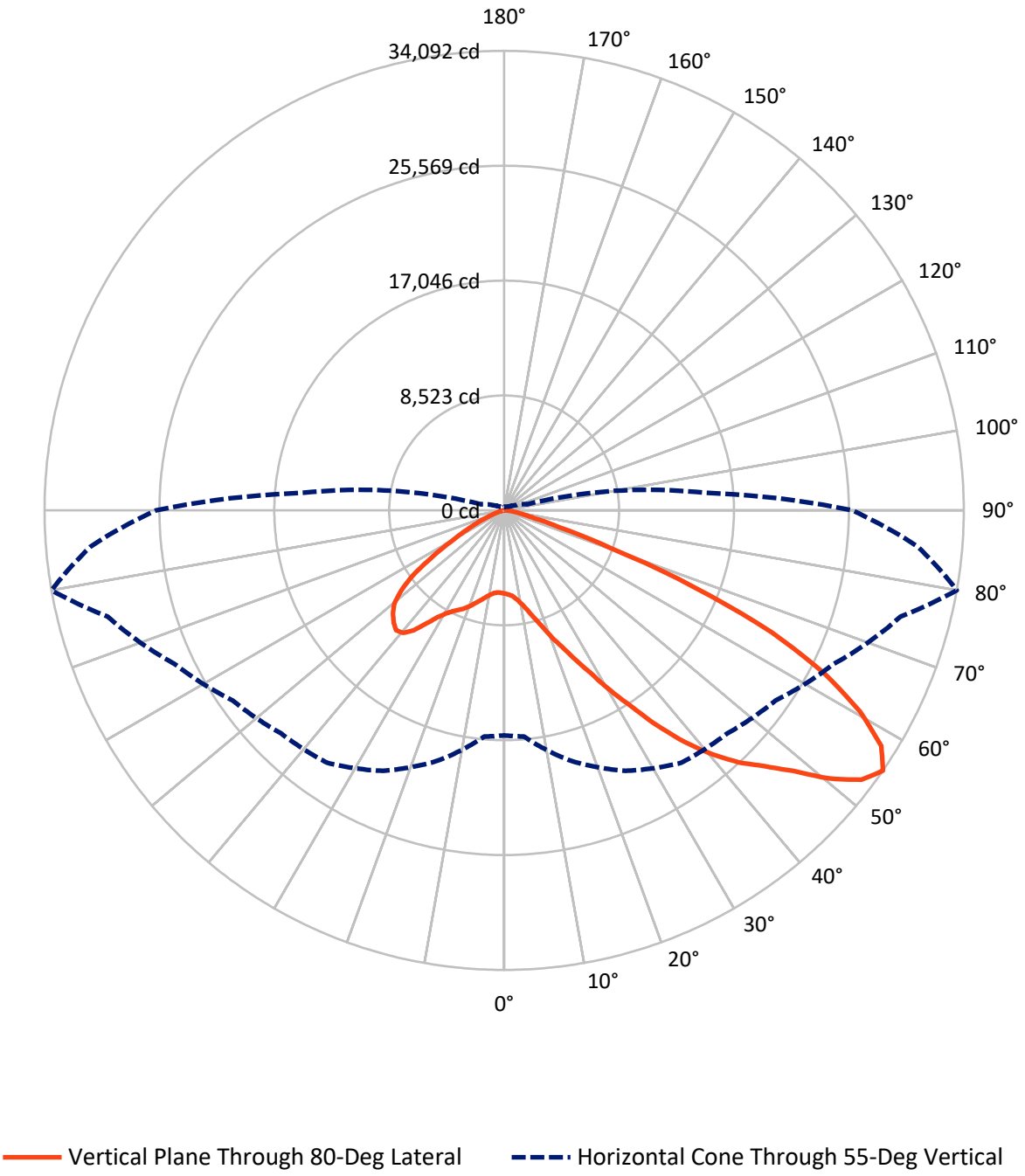
Luminous Intensity Polar Plot



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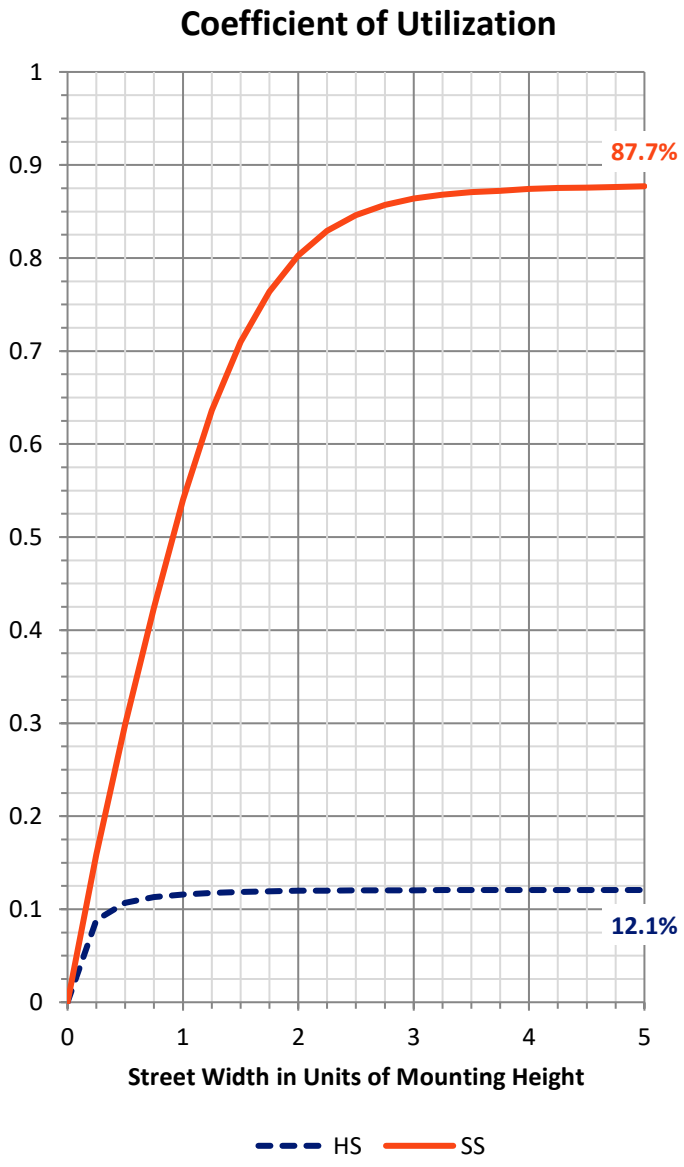
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5381.2	0.0	5381.2
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	38886.5	0.0	38886.5
	% Fixture	87.8	0.0	87.8
Total	Lumens	44267.7	0.0	44267.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	517.5	1.2
10°-20°	1364.3	3.1
20°-30°	2670.9	6.0
30°-40°	5433.7	12.3
40°-50°	9160.4	20.7
50°-60°	11704.3	26.4
60°-70°	9992.7	22.6
70°-80°	3193.3	7.2
80°-90°	230.6	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°	44267.7	100.0
0°-180°	44267.7	100.0



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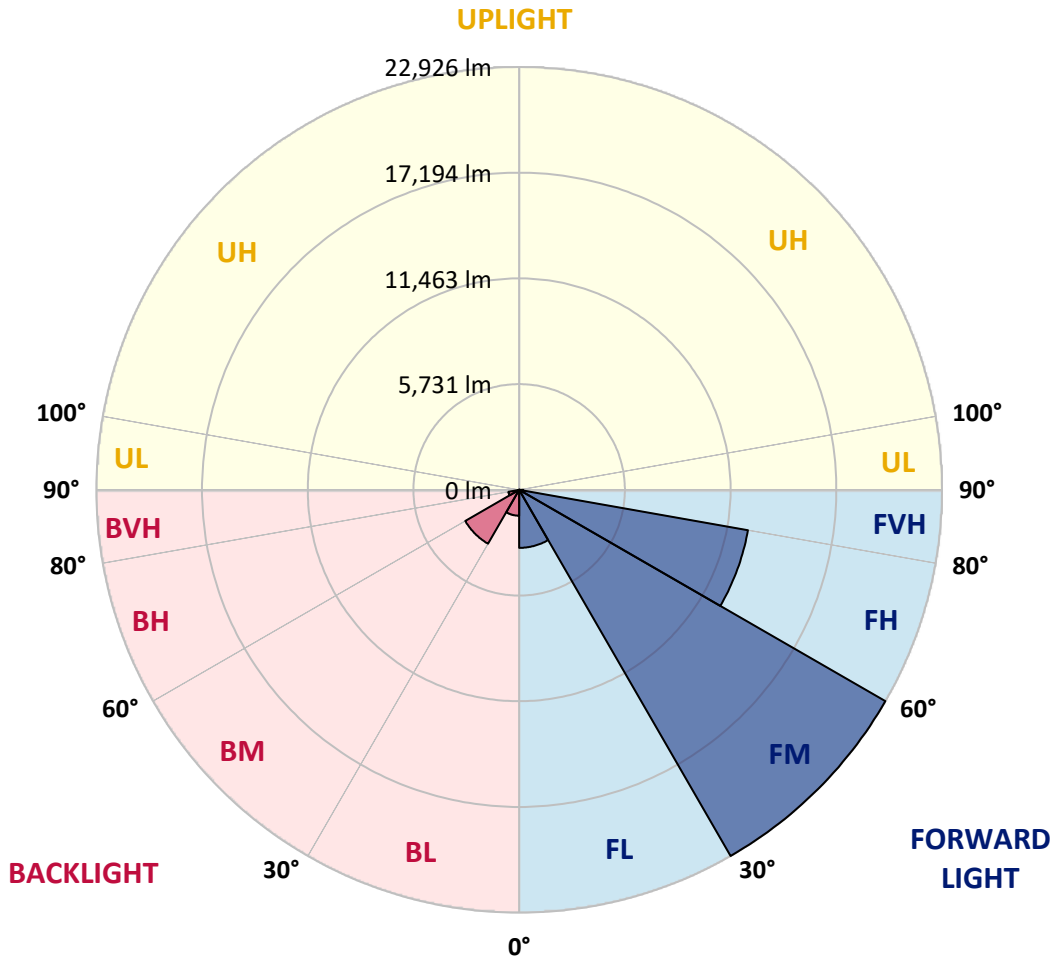
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3147.5	7.1			
FM	(30°-60°)	22925.9	51.8			
FH	(60°-80°)	12594.5	28.5			G5
FVH	(80°-90°)	218.6	0.5			G2/225
BL	(0°-30°)	1405.2	3.2	B3/2500		
BM	(30°-60°)	3372.6	7.6	B3/5000		
BH	(60°-80°)	591.5	1.3	B2/1000		G2/1000
BVH	(80°-90°)	12.0	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: P1458449
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	6166.4	6166.4	6166.4	6166.4	6166.4	6166.4	6166.4	6166.4	6166.4	*6166.4*	6166.4
2.5°	6204.2	6216.8	6204.2	6216.8	6241.9	6229.3	6279.7	6267.1	6267.1	*6254.5*	6204.2
5°	5851.8	5864.4	5889.6	5952.5	6040.6	6128.7	6241.9	6317.4	6392.9	*6380.4*	6330.0
7.5°	5159.7	5184.8	5285.5	5411.4	5700.8	5965.1	6254.5	6443.3	6606.9	*6657.2*	6619.5
10°	4769.5	4794.7	4857.6	4983.5	5247.8	5688.2	6254.5	6644.6	6934.1	*7034.8*	7047.3
12.5°	4731.8	4744.4	4794.7	4933.1	5159.7	5537.2	6241.9	6908.9	7399.7	*7550.7*	7601.1
15°	4757.0	4782.1	4832.5	4945.7	5210.0	5637.9	6342.6	7324.2	8016.3	*8230.3*	8242.9
17.5°	4857.6	4882.8	4945.7	5071.6	5361.0	5902.1	6657.2	7752.1	8758.8	*8997.9*	9136.4
20°	5059.0	5071.6	5147.1	5310.7	5637.9	6229.3	7122.8	8331.0	9652.3	*10004.7*	10105.4
22.5°	5323.3	5361.0	5461.7	5663.0	6078.3	6682.4	7764.7	9035.7	10633.9	*10998.9*	11175.1
25°	5612.7	5663.0	5814.1	6141.3	6669.8	7374.5	8557.5	9967.0	11791.7	*12232.2*	12471.3
27.5°	6204.2	6216.8	6317.4	6732.7	7412.3	8280.6	9564.2	11162.5	13150.8	*13666.8*	13931.1
30°	7500.4	7513.0	7424.9	7538.1	8230.3	9350.3	10747.2	12559.4	14736.5	*15453.8*	15667.7
32.5°	9086.0	9149.0	9136.4	9060.9	9375.5	10420.0	12156.7	14233.1	16599.0	*17354.1*	17555.4
35°	10885.6	11036.6	10998.9	10973.7	11011.5	11791.7	13767.5	16083.0	18713.2	*19631.9*	19795.5
37.5°	12647.5	12685.2	12861.4	13075.3	13100.5	13641.6	15630.0	18046.2	20676.4	*21846.8*	22098.4
40°	14006.6	14132.4	14572.9	15000.8	15441.2	15869.1	17165.3	19631.9	22236.9	*23809.9*	23923.2
42.5°	15063.7	15365.7	16007.5	16674.5	17568.0	18046.2	18625.1	20751.9	23507.9	*25559.2*	25508.9
45°	16347.3	16473.2	17379.2	18260.2	19166.2	19896.2	19883.6	21695.7	24502.1	*27056.8*	26742.1
47.5°	17215.6	17366.7	18599.9	19631.9	20563.1	20928.1	21003.6	22715.1	25873.8	*28868.9*	28126.4
50°	17681.3	17945.5	19292.1	20600.9	21607.6	21720.9	22060.7	24049.0	27673.4	*31272.6*	29875.7
52.5°	17731.6	17983.3	19531.2	21217.5	22312.4	22538.9	23117.8	25559.2	29422.6	*33198.0*	30882.5
55°	*16687.1*	*16838.1*	*19241.8*	*21318.2*	*22866.1*	*23394.7*	*24577.6*	*26956.1*	*30442.0*	*34091.5*	*30794.4*
57.5°	15705.5	15856.5	17945.5	21142.0	23432.4	24514.7	26138.1	27912.5	29649.2	*32984.1*	28831.2
60°	14862.3	14937.8	16838.1	20324.0	23646.3	25609.5	27484.6	26968.7	27597.9	*30328.7*	25471.1
62.5°	13276.7	13327.0	15579.7	18851.6	23218.5	26452.7	27950.3	24967.7	25345.3	*26666.6*	21519.6
65°	10029.9	10218.6	12282.5	17744.2	22513.7	26842.8	26868.0	22526.3	22136.2	*21821.6*	16926.2
67.5°	6808.2	7022.2	8268.0	15957.2	21368.5	27006.4	24766.4	19367.6	16863.3	*15239.9*	11087.0
70°	5436.5	5436.5	5864.4	12823.6	18650.3	24917.4	22161.4	14623.2	10709.4	*8419.1*	5939.9
72.5°	3574.0	3586.6	3989.3	8142.2	13226.3	19002.7	18071.4	8456.8	5562.4	*4291.3*	2932.2
75°	1296.2	1296.2	1749.3	3259.4	6997.0	11313.5	11011.5	4039.6	3020.3	*2340.7*	1774.4
77.5°	692.1	717.3	843.2	1346.5	2680.5	4605.9	4303.9	2063.9	1711.5	*1459.8*	1107.4
80°	465.6	478.2	566.3	830.6	1296.2	1774.4	1384.3	1157.8	1157.8	*981.6*	742.5
82.5°	251.7	264.3	377.5	541.1	692.1	830.6	667.0	679.6	818.0	*667.0*	427.9
85°	176.2	176.2	289.4	390.1	390.1	402.7	289.4	427.9	478.2	*415.3*	289.4
87.5°	100.7	100.7	163.6	188.8	188.8	176.2	88.1	151.0	188.8	*213.9*	125.8
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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REPORT NUMBER: P1458449
CATALOG NUMBER: GLAN-SB8C-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6166.4	6166.4	6166.4	6166.4	6166.4	6166.4	6166.4	6166.4	6166.4	6166.4	6166.4
2.5°	6191.6	6153.8	6078.3	5927.3	5851.8	5751.1	5663.0	5549.8	5524.6	5512.0	5461.7
5°	6292.3	6216.8	5990.2	5663.0	5386.2	5121.9	4857.6	4706.6	4580.8	4517.8	4505.3
7.5°	6544.0	6392.9	5977.7	5398.8	4882.8	4429.8	4039.6	3699.9	3523.7	3372.7	3385.2
10°	6921.5	6682.4	6002.8	5147.1	4379.4	3649.5	3083.2	2592.4	2240.0	2076.4	2063.9
12.5°	7424.9	7085.1	6090.9	4895.4	3762.8	2743.4	2026.1	1736.7	1661.2	1648.6	1636.0
15°	8041.5	7563.3	6179.0	4568.2	2932.2	1900.3	1648.6	1585.7	1573.1	1560.5	1560.5
17.5°	8784.0	8117.0	6229.3	4014.5	2139.4	1636.0	1547.9	1510.1	1497.6	1485.0	1485.0
20°	9715.3	8733.7	6292.3	3309.7	1812.2	1573.1	1472.4	1422.1	1409.5	1409.5	1396.9
22.5°	10633.9	9425.8	6241.9	2693.1	1749.3	1497.6	1384.3	1334.0	1308.8	1308.8	1296.2
25°	11691.0	10130.6	6090.9	2428.8	1736.7	1434.6	1296.2	1220.7	1182.9	1170.4	1170.4
27.5°	12899.2	10936.0	5851.8	2441.4	1736.7	1384.3	1182.9	1082.3	1057.1	1031.9	1031.9
30°	14283.4	11917.6	5675.6	2605.0	1761.8	1334.0	1082.3	956.4	918.7	893.5	906.1
32.5°	15869.1	13012.4	5663.0	2869.3	1799.6	1258.5	969.0	830.6	792.8	780.2	792.8
35°	17668.7	14371.5	5952.5	3070.6	1698.9	1094.9	830.6	717.3	679.6	679.6	692.1
37.5°	19669.6	15932.0	6342.6	3020.3	1371.7	868.3	717.3	629.2	591.5	604.1	616.6
40°	21494.4	17152.7	6405.5	2579.8	1031.9	742.5	616.6	553.7	528.6	541.1	553.7
42.5°	22878.7	18134.3	5801.5	2000.9	868.3	629.2	528.6	478.2	465.6	490.8	490.8
45°	23998.7	18524.4	4845.0	1485.0	767.7	541.1	465.6	440.5	415.3	427.9	427.9
47.5°	25169.1	18587.4	3951.5	1195.5	679.6	490.8	427.9	402.7	377.5	377.5	377.5
50°	26301.7	18436.3	3020.3	1057.1	629.2	440.5	390.1	365.0	339.8	327.2	327.2
52.5°	26578.5	17228.2	2214.9	981.6	578.9	415.3	365.0	339.8	314.6	302.0	302.0
55°	*25810.9*	*14937.8*	*1736.7*	*880.9*	*528.6*	*377.5*	*339.8*	*314.6*	*276.9*	*264.3*	*264.3*
57.5°	23281.4	11389.0	1384.3	755.1	478.2	365.0	314.6	289.4	251.7	239.1	239.1
60°	19996.8	8079.3	1120.0	616.6	440.5	327.2	289.4	251.7	226.5	201.4	201.4
62.5°	16359.9	5801.5	906.1	516.0	415.3	289.4	264.3	226.5	176.2	138.4	138.4
65°	12546.8	4165.5	704.7	415.3	377.5	251.7	226.5	188.8	138.4	100.7	100.7
67.5°	8117.0	2693.1	528.6	365.0	289.4	213.9	176.2	151.0	125.8	88.1	75.5
70°	4278.7	1573.1	390.1	314.6	213.9	163.6	151.0	125.8	100.7	62.9	62.9
72.5°	2214.9	1031.9	289.4	276.9	163.6	113.3	125.8	100.7	75.5	37.8	37.8
75°	1422.1	692.1	213.9	226.5	100.7	88.1	88.1	62.9	37.8	25.2	12.6
77.5°	918.7	465.6	151.0	188.8	62.9	50.3	50.3	25.2	12.6	0.0	0.0
80°	541.1	289.4	100.7	125.8	25.2	25.2	12.6	0.0	0.0	0.0	0.0
82.5°	276.9	151.0	50.3	50.3	12.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	176.2	75.5	12.6	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	88.1	25.2	12.6	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: SP1-2407-184-11

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

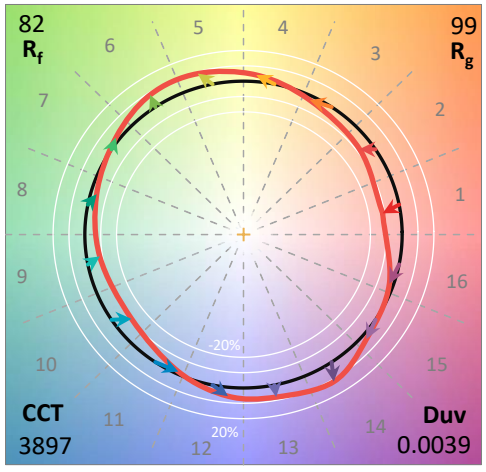
Test Information

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

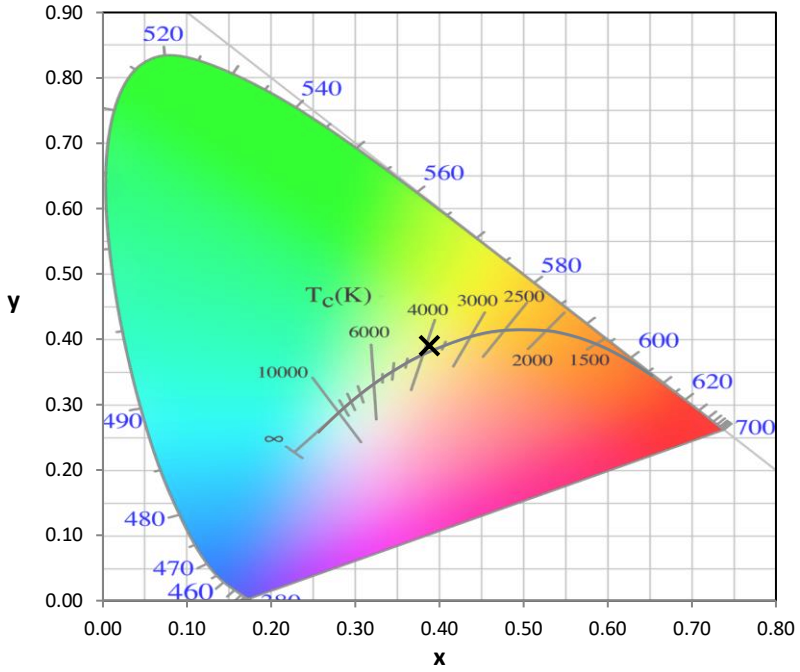
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

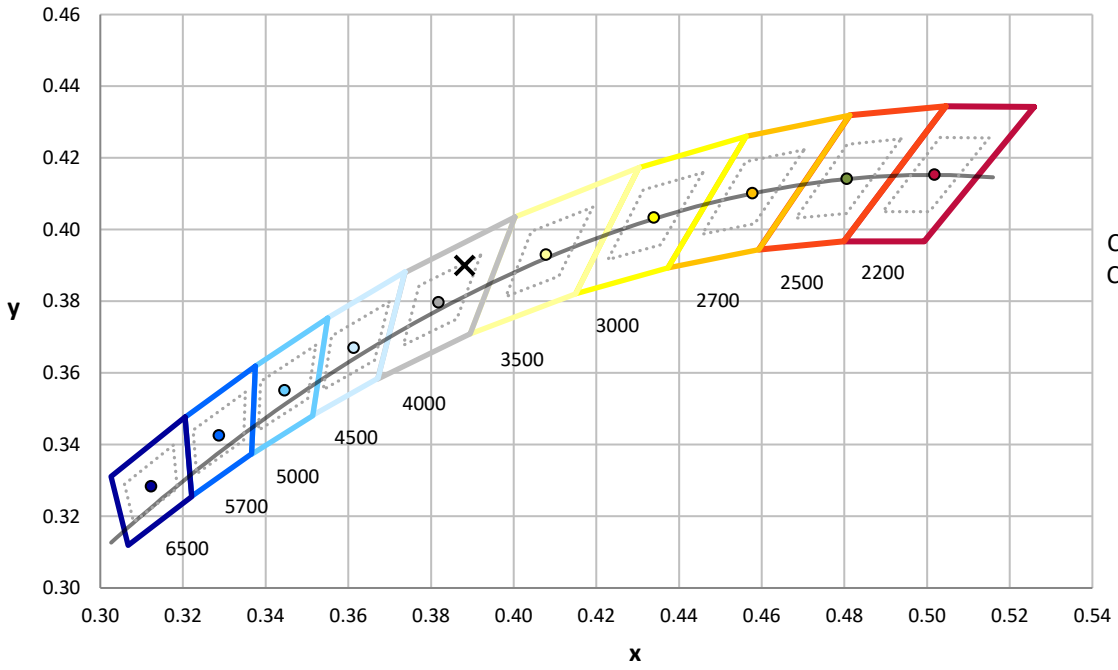
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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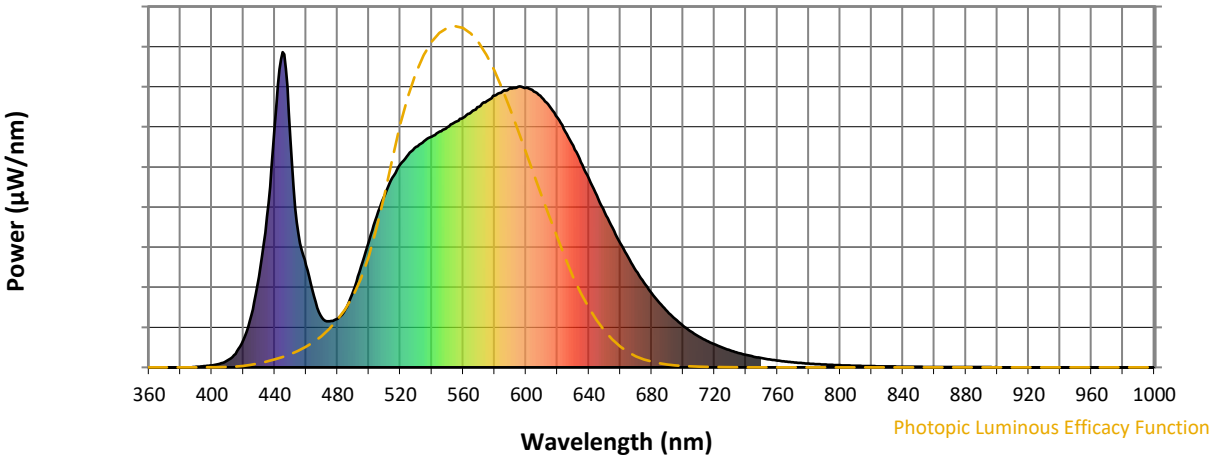
Photopic Flux vs. Wavelength



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	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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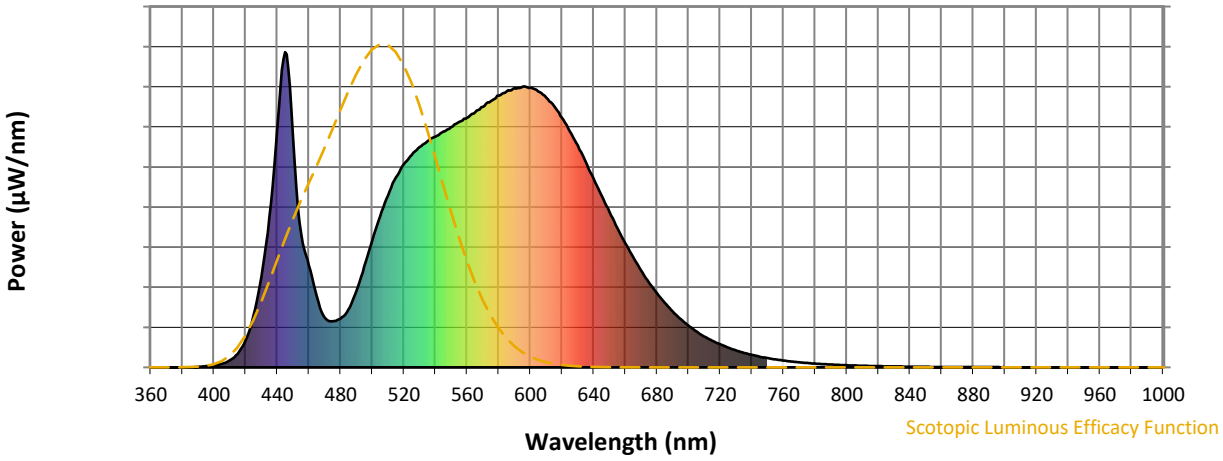
Scotopic Flux vs. Wavelength



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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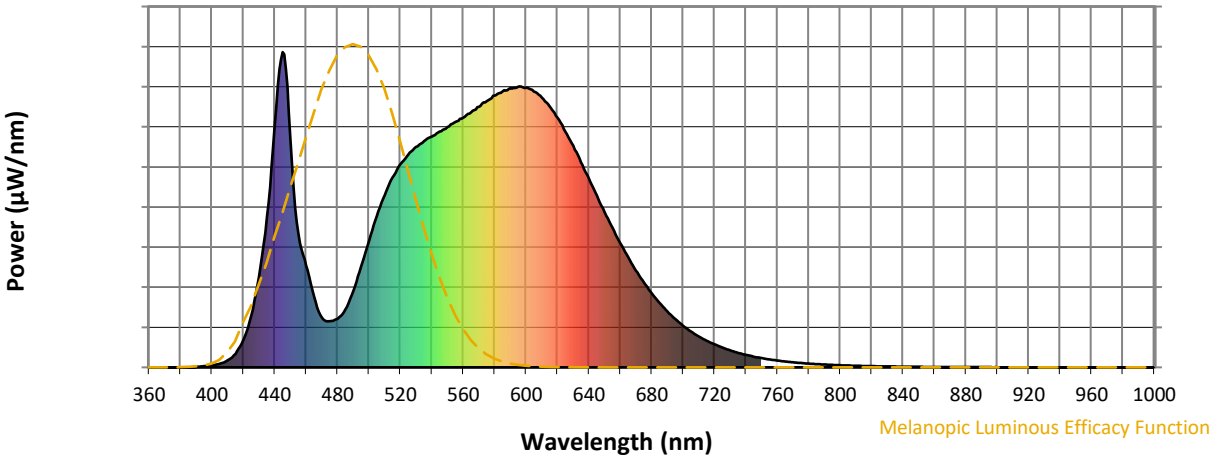
Melanopic Flux vs. Wavelength



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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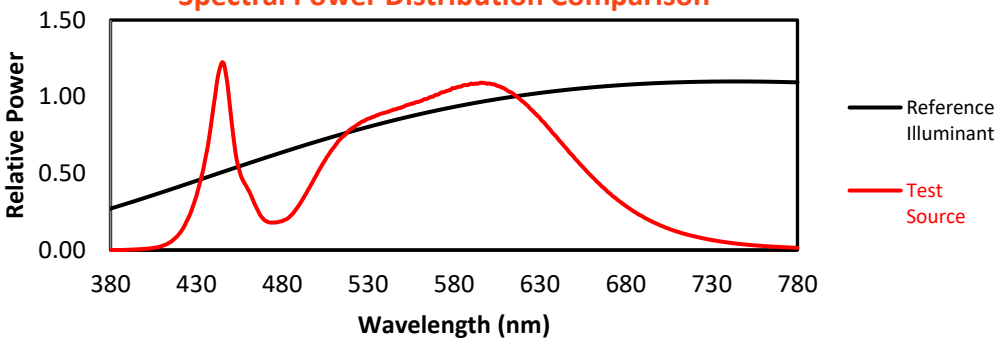
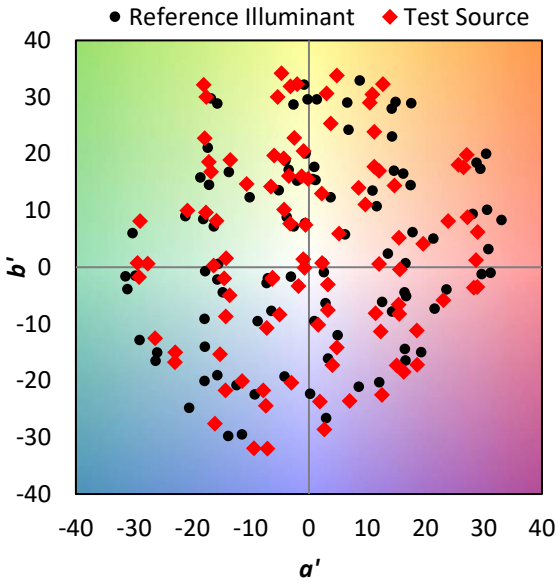
Summary

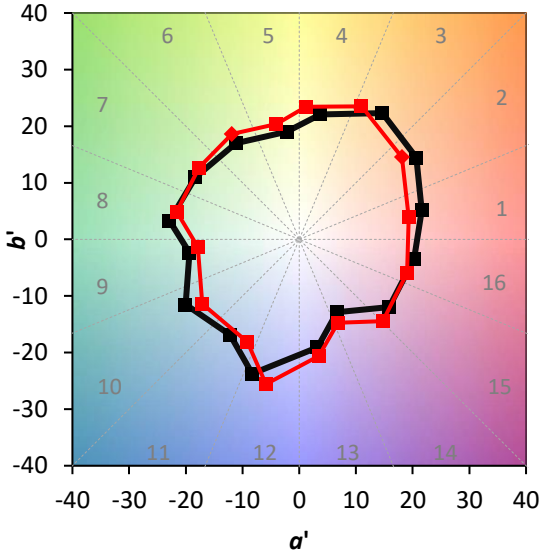
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

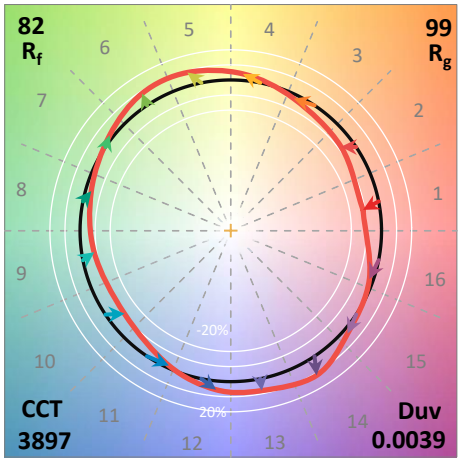
Spectral Power Distribution Comparison

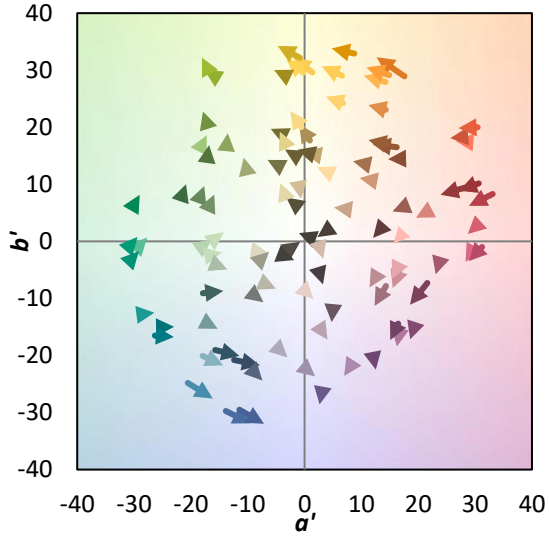


Color Vector Graphics









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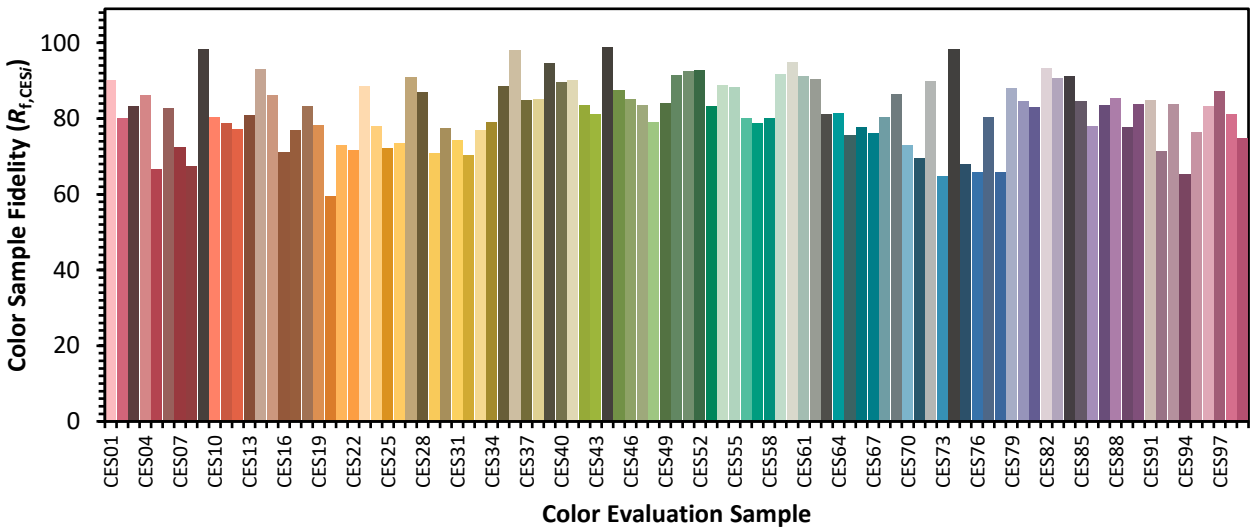
Individual Sample Fidelity Index ($R_{f,i}$)

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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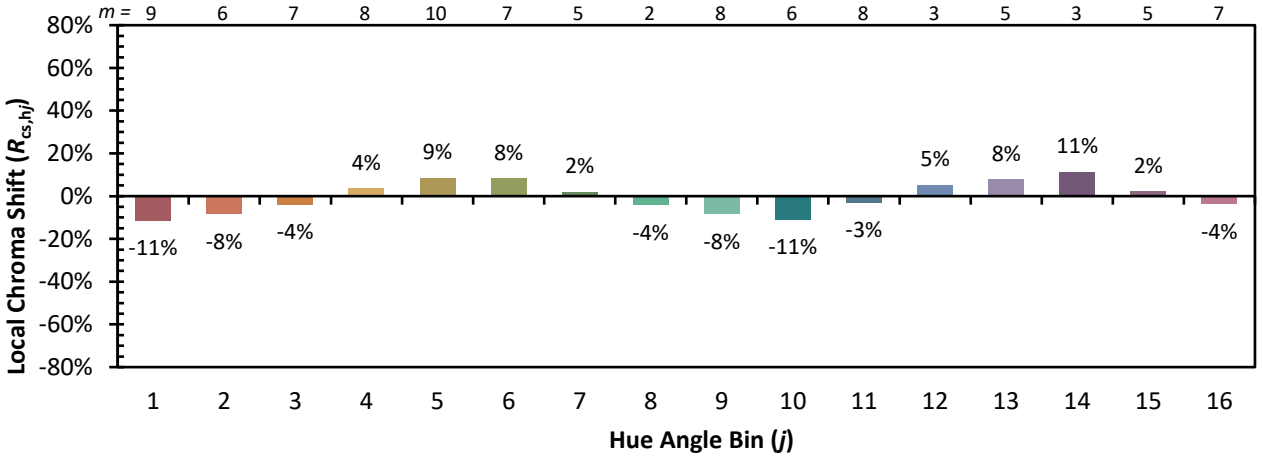
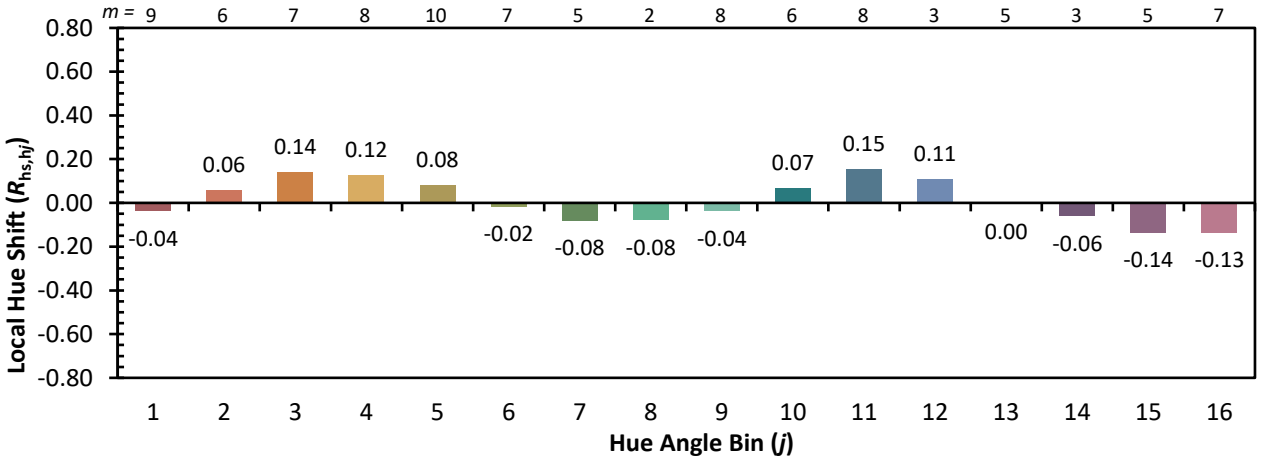
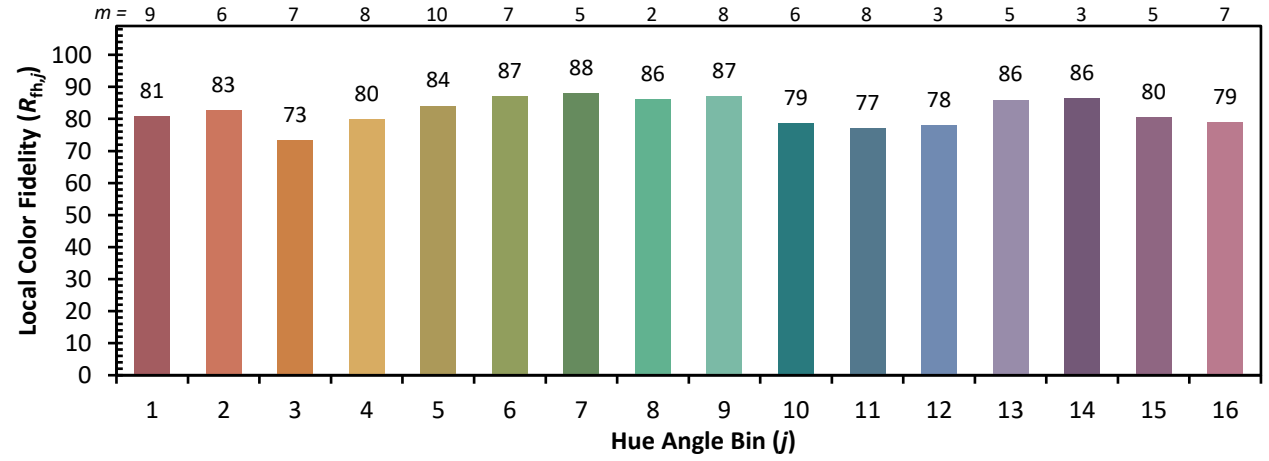
Color Rendition by Hue-Angle Bin







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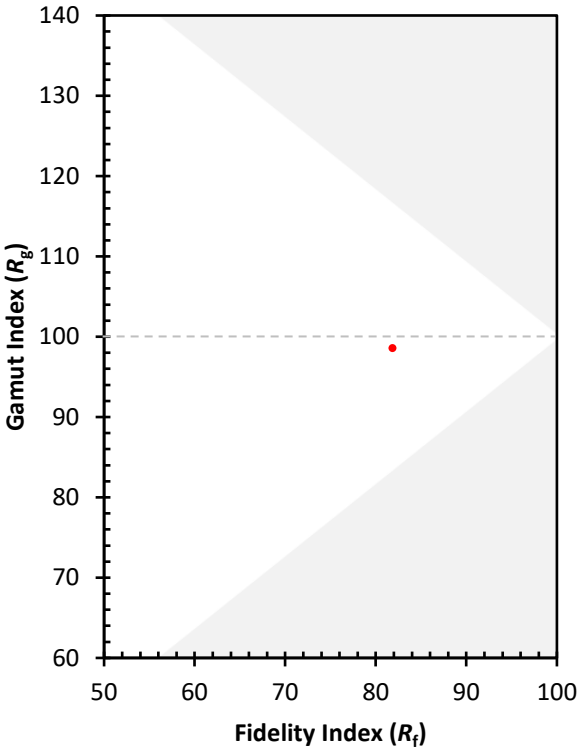
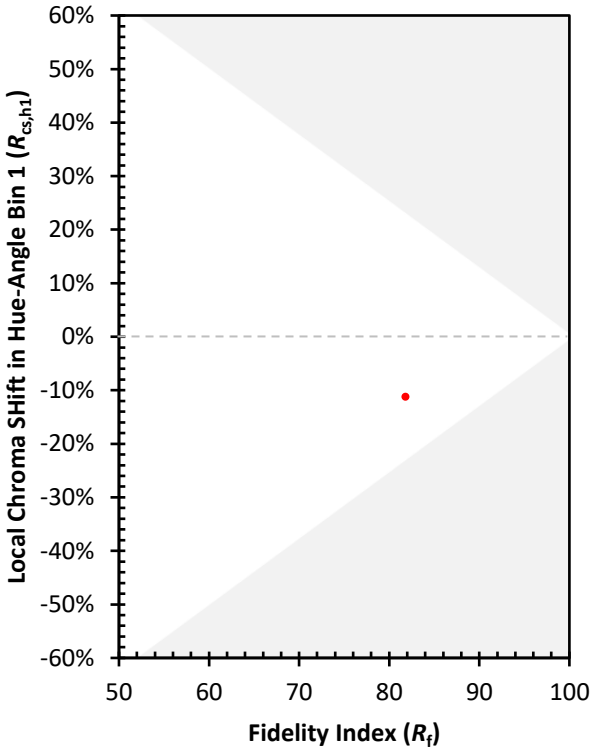
Measure Comparisons





(END OF REPORT)