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: P1457872

Luminaire Tested: GLAN-SB8B-840-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:	P1457872
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8B-840-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 8xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II 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:	31544.7 lumens
Efficiency:	N/A
Efficacy:	107.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	292.8
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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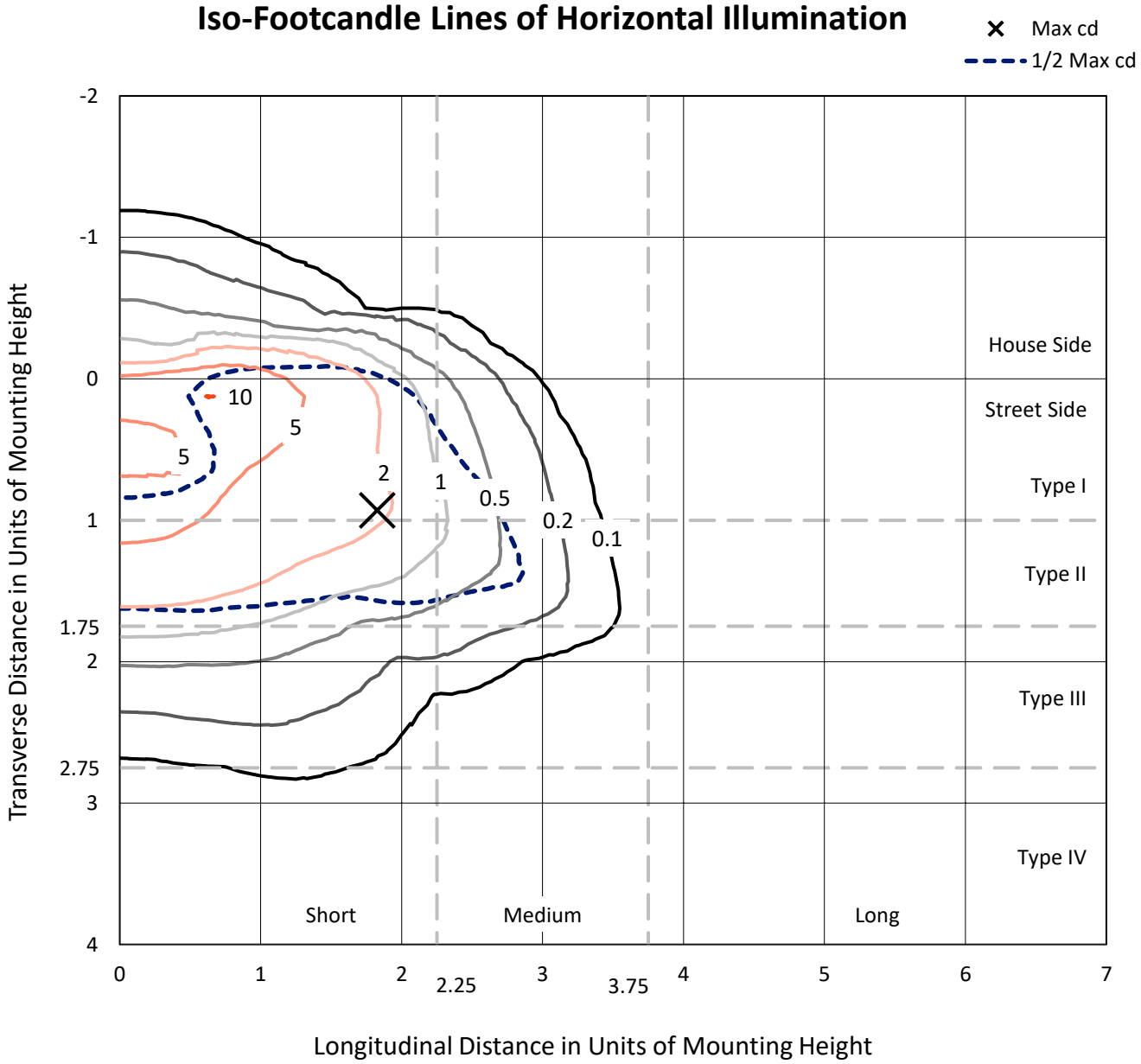
REPORT NUMBER: P1457872
CATALOG NUMBER: GLAN-SB8B-840-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 10.1 fc
Type II - Short - N/A

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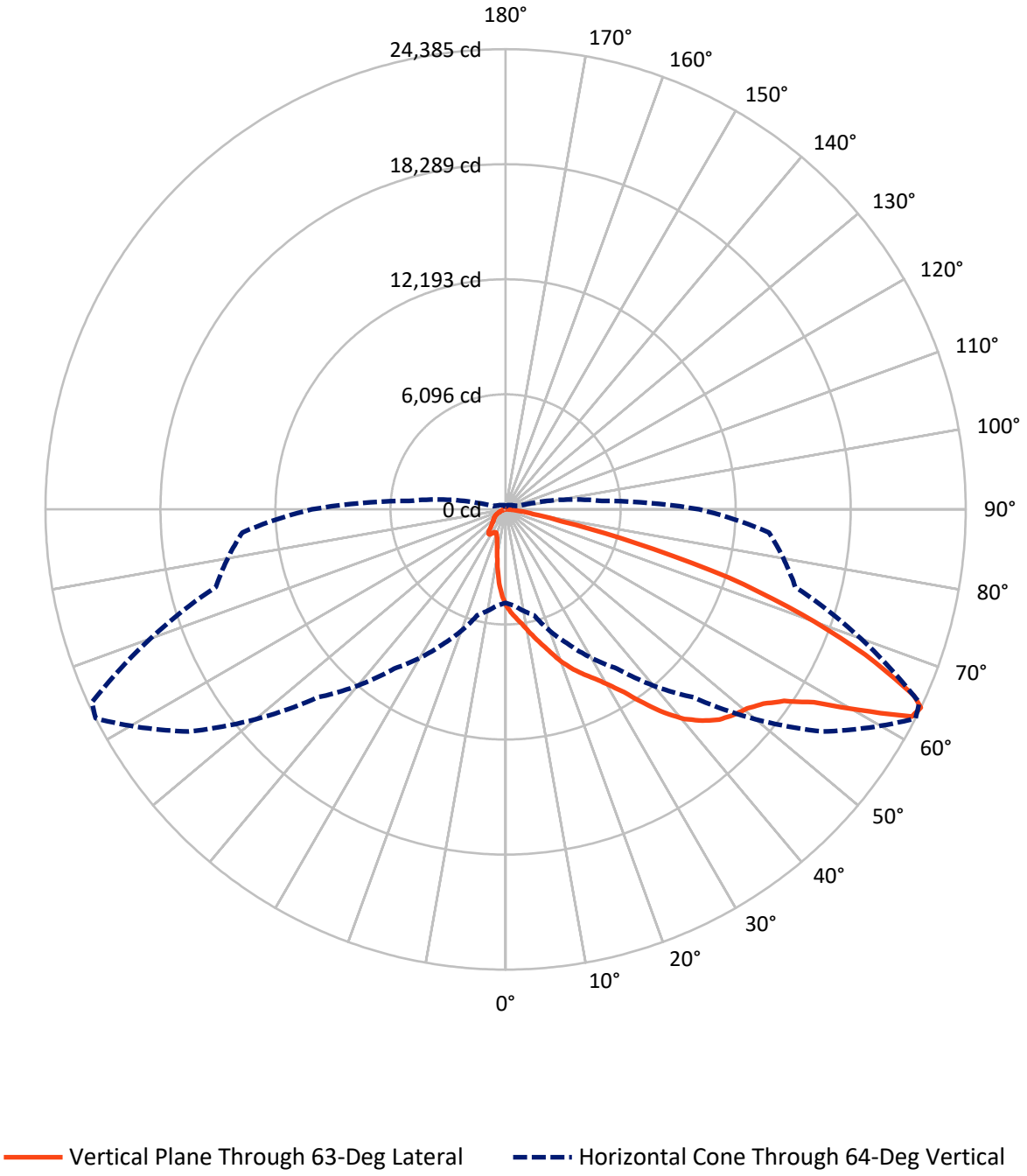
Luminous Intensity Polar Plot



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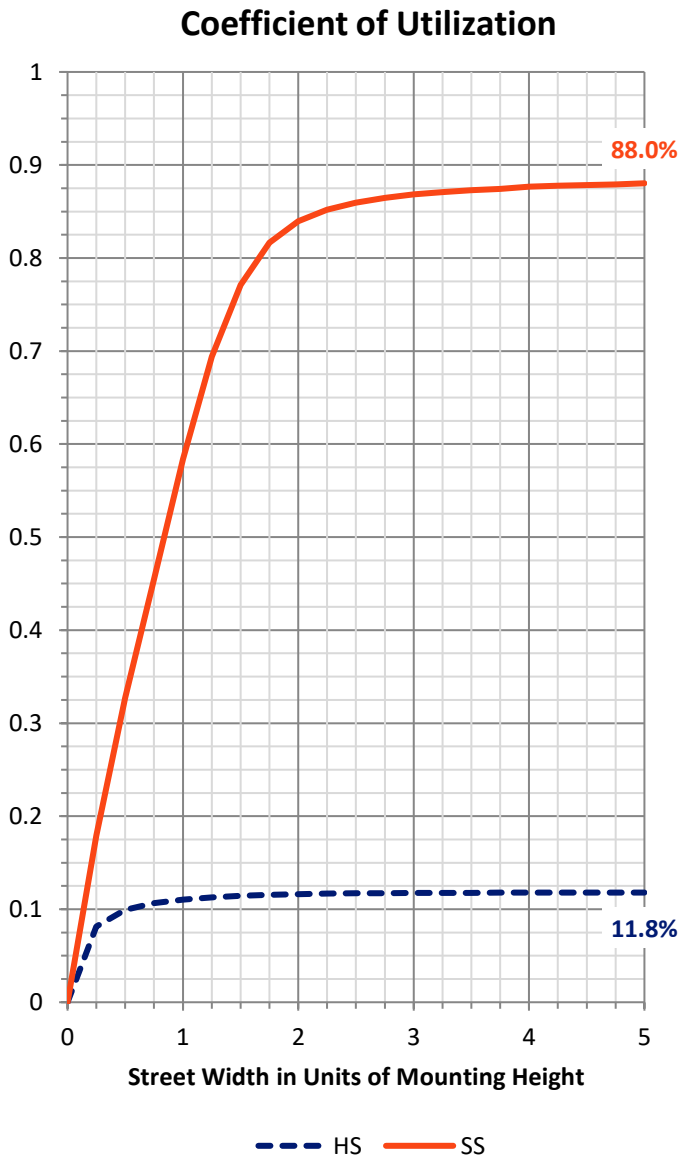
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3743.3	0.0	3743.3
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	27801.4	0.0	27801.4
	% Fixture	88.1	0.0	88.1
Total	Lumens	31544.7	0.0	31544.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	429.5	1.4
10°-20°	1207.0	3.8
20°-30°	2149.6	6.8
30°-40°	4105.8	13.0
40°-50°	6805.6	21.6
50°-60°	8483.2	26.9
60°-70°	6325.6	20.1
70°-80°	1814.2	5.8
80°-90°	224.3	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°	31544.7	100.0
0°-180°	31544.7	100.0



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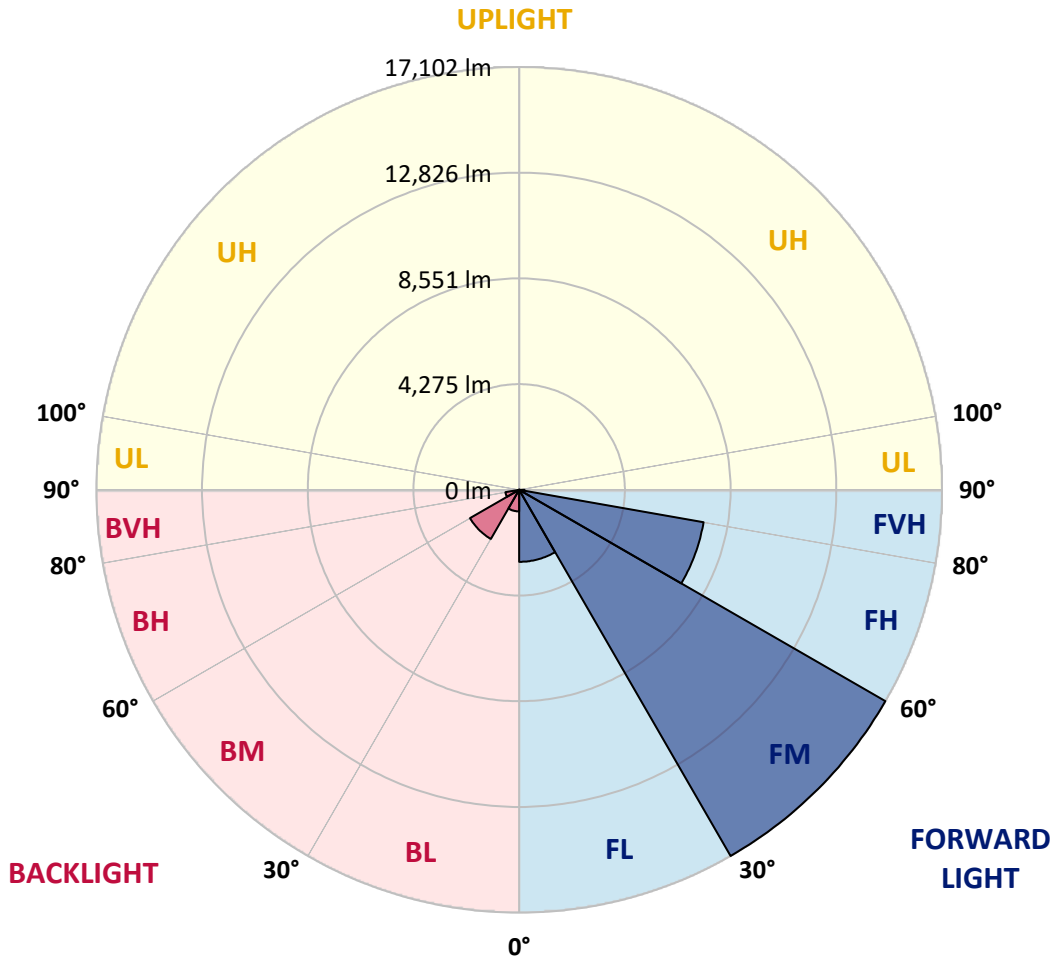
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2912.8	9.2			
FM	(30°-60°)	17101.7	54.2			
FH	(60°-80°)	7573.6	24.0			G4/12000
FVH	(80°-90°)	213.3	0.7			G2/225
BL	(0°-30°)	873.3	2.8	B2/1000		
BM	(30°-60°)	2292.8	7.3	B2/2500		
BH	(60°-80°)	566.1	1.8	B2/1000		G2/1000
BVH	(80°-90°)	11.0	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	5100.4	5100.4	5100.4	5100.4	5100.4	5100.4	5100.4	*5100.4*	5100.4	5100.4	5100.4
2.5°	5715.5	5696.6	5677.6	5649.2	5611.4	5573.5	5526.2	*5460.0*	5431.6	5337.0	5223.4
5°	6008.8	6008.8	5999.4	5980.4	5961.5	5923.7	5866.9	*5781.7*	5743.9	5611.4	5412.7
7.5°	6084.5	6094.0	6122.4	6160.2	6217.0	6207.5	6207.5	*6112.9*	6094.0	5952.0	5687.1
10°	5952.0	5961.5	6037.2	6141.3	6311.6	6472.5	6586.0	*6529.3*	6500.9	6358.9	6027.7
12.5°	5762.8	5762.8	5885.8	6046.7	6311.6	6614.4	6945.6	*7002.4*	7011.9	6851.0	6453.6
15°	5270.7	5289.7	5488.4	5810.1	6245.4	6718.5	7276.8	*7494.5*	7551.2	7447.2	6974.0
17.5°	4617.8	4636.7	4835.4	5270.7	5923.7	6718.5	7560.7	*8062.2*	8137.9	8156.9	7636.4
20°	4343.4	4343.4	4456.9	4788.1	5469.4	6538.7	7731.0	*8667.8*	8838.2	9046.4	8365.0
22.5°	4381.2	4381.2	4447.5	4636.7	5185.6	6292.7	7835.1	*9207.2*	9557.3	10087.3	9301.8
25°	4589.4	4589.4	4646.2	4769.2	5214.0	6254.9	8033.8	*9689.8*	10248.1	11251.2	10371.1
27.5°	4920.6	4911.1	4958.5	5081.5	5488.4	6434.6	8365.0	*10172.4*	10797.0	12557.0	11601.3
30°	5403.2	5374.8	5393.7	5535.7	5933.1	6851.0	8847.6	*10787.5*	11421.5	13985.9	12963.9
32.5°	6519.8	6510.3	6235.9	6160.2	6586.0	7522.9	9510.0	*11554.0*	12263.7	15499.9	14364.4
35°	8535.4	8667.8	8279.9	7286.3	7371.5	8421.8	10456.3	*12594.9*	13247.8	17108.6	15887.9
37.5°	10579.3	10579.3	10418.4	9245.1	8648.9	9415.4	11478.3	*13664.2*	14345.5	18405.0	17354.6
40°	12197.4	12282.6	12093.3	11213.3	10437.4	10550.9	12500.2	*14601.0*	15225.5	19199.8	18395.5
42.5°	13399.2	13380.3	13304.6	12727.4	12292.1	12036.6	13427.6	*15301.2*	15897.4	19606.7	19048.4
45°	14695.6	14695.6	14591.5	14118.4	13758.8	13541.1	14118.4	*15887.9*	16512.4	19852.8	19455.3
47.5°	16048.8	16029.8	15925.7	15405.3	15017.3	14695.6	14818.6	*16266.4*	16890.9	19691.9	19521.6
50°	16380.0	16361.0	16597.6	16616.5	16266.4	15651.3	15376.9	*16588.1*	17137.0	19701.4	19729.8
52.5°	15992.0	16105.5	16455.7	16881.5	17278.9	16635.5	15973.1	*17099.1*	17666.9	19966.3	20250.2
55°	15026.8	15074.1	15746.0	16427.3	17354.6	17581.7	16928.8	*17912.9*	18414.4	20221.8	20713.9
57.5°	13228.9	13408.7	14127.8	15310.7	16720.6	17666.9	18594.2	*19275.5*	19654.1	20325.9	20458.4
60°	9983.2	10077.8	11639.1	13172.1	15405.3	16985.6	20146.1	*21584.5*	21537.1	19152.5	18669.9
62.5°	6075.1	6160.2	7276.8	9708.7	12519.2	15566.2	20666.6	*24167.8*	23912.3	17174.8	15717.6
64°	*4949.0*	*5109.9*	*5800.6*	*7882.4*	*10295.4*	*14080.5*	*20515.2*	*24385.4*	*24186.7*	*15897.4*	*14004.8*
65°	4229.8	4447.5	5157.2	6841.5	8753.0	12481.3	20098.8	*23779.8*	23647.3	15121.4	12585.4
67.5°	2659.0	2763.1	3813.5	5318.0	6027.7	7986.5	17278.9	*20562.5*	20799.0	13474.9	9282.9
70°	1977.7	2025.0	2621.2	4116.3	4703.0	4646.2	11866.2	*16654.4*	16711.2	10778.0	5601.9
72.5°	1438.3	1447.8	1835.8	3047.0	3681.0	3170.0	6254.9	*12377.2*	11970.3	6311.6	3056.5
75°	955.7	993.6	1286.9	2148.0	2867.2	2327.8	2848.3	*7049.7*	6926.7	3084.8	1750.6
77.5°	700.2	709.7	870.6	1438.3	2252.1	1712.8	1722.2	*3037.5*	3132.2	1835.8	1107.1
80°	397.4	416.4	567.8	880.0	1466.7	1173.4	965.2	*1466.7*	1684.4	1249.1	738.1
82.5°	236.6	255.5	406.9	577.2	1003.0	482.6	492.1	*804.3*	1003.0	899.0	397.4
85°	141.9	151.4	255.5	312.3	596.2	321.7	179.8	*397.4*	520.4	529.9	217.6
87.5°	94.6	94.6	141.9	132.5	170.3	151.4	75.7	*104.1*	132.5	179.8	85.2
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: P1457872
CATALOG NUMBER: GLAN-SB8B-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5100.4	5100.4	5100.4	5100.4	5100.4	5100.4	5100.4	5100.4	5100.4	5100.4	5100.4
2.5°	5128.8	5072.0	4901.7	4674.6	4466.4	4305.5	4106.8	3974.3	3851.3	3851.3	3747.2
5°	5251.8	5100.4	4684.0	4163.6	3605.3	3075.4	2734.7	2356.2	2233.2	2129.1	2148.0
7.5°	5460.0	5185.6	4447.5	3510.7	2621.2	2053.4	1674.9	1504.6	1428.9	1381.6	1391.0
10°	5715.5	5337.0	4163.6	2848.3	1930.4	1504.6	1324.8	1258.5	1230.2	1220.7	1220.7
12.5°	6065.6	5516.8	3879.7	2290.0	1523.5	1296.4	1201.8	1163.9	1135.5	1116.6	1116.6
15°	6482.0	5743.9	3548.5	1883.1	1334.2	1192.3	1116.6	1078.7	1040.9	1031.4	1031.4
17.5°	7011.9	5980.4	3255.2	1618.1	1239.6	1116.6	1040.9	993.6	965.2	955.7	955.7
20°	7598.6	6273.8	2961.8	1466.7	1173.4	1040.9	965.2	927.3	899.0	880.0	889.5
22.5°	8346.1	6642.8	2772.6	1391.0	1116.6	974.7	899.0	861.1	832.7	813.8	823.3
25°	9169.4	7106.5	2668.5	1391.0	1078.7	927.3	842.2	804.3	775.9	757.0	757.0
27.5°	10172.4	7626.9	2677.9	1447.8	1069.3	889.5	794.9	757.0	728.6	700.2	700.2
30°	11279.6	8242.0	2782.0	1551.9	1088.2	851.6	757.0	700.2	681.3	652.9	652.9
32.5°	12452.9	8951.7	3047.0	1684.4	1069.3	804.3	700.2	652.9	624.5	605.6	605.6
35°	13692.5	9756.1	3378.2	1741.1	974.7	738.1	652.9	605.6	586.7	577.2	567.8
37.5°	14875.4	10456.3	3558.0	1627.6	851.6	681.3	596.2	548.8	539.4	520.4	520.4
40°	15793.3	11033.5	3453.9	1391.0	785.4	624.5	548.8	501.5	482.6	463.7	463.7
42.5°	16332.6	11241.7	3075.4	1182.8	738.1	567.8	501.5	454.2	435.3	425.8	425.8
45°	16644.9	11213.3	2630.6	1059.8	690.8	520.4	454.2	425.8	397.4	388.0	378.5
47.5°	16635.5	10920.0	2308.9	955.7	643.5	482.6	425.8	397.4	369.0	359.6	359.6
50°	16569.2	10484.7	1949.3	880.0	605.6	454.2	397.4	378.5	350.1	340.7	331.2
52.5°	16730.1	10238.7	1627.6	832.7	558.3	435.3	388.0	359.6	321.7	312.3	312.3
55°	16928.8	10096.7	1305.9	785.4	520.4	425.8	369.0	340.7	302.8	293.3	293.3
57.5°	16351.6	9557.3	1078.7	709.7	473.1	406.9	350.1	331.2	293.3	265.0	265.0
60°	14534.7	7901.4	889.5	624.5	435.3	378.5	331.2	302.8	265.0	227.1	227.1
62.5°	11818.9	6027.7	738.1	529.9	406.9	350.1	302.8	274.4	227.1	179.8	179.8
64°	*10267.0*	*5119.3*	*662.4*	*463.7*	*388.0*	*321.7*	*274.4*	*246.0*	*198.7*	*151.4*	*141.9*
65°	9207.2	4523.2	615.1	435.3	378.5	302.8	265.0	236.6	179.8	141.9	132.5
67.5°	6482.0	3037.5	492.1	359.6	331.2	255.5	227.1	198.7	160.9	123.0	113.6
70°	3775.6	1722.2	388.0	302.8	255.5	198.7	189.3	179.8	141.9	94.6	94.6
72.5°	2053.4	861.1	293.3	246.0	198.7	141.9	160.9	141.9	113.6	75.7	66.2
75°	1258.5	529.9	217.6	179.8	132.5	104.1	123.0	104.1	66.2	47.3	37.9
77.5°	842.2	340.7	160.9	123.0	85.2	66.2	85.2	56.8	28.4	9.5	9.5
80°	520.4	236.6	104.1	75.7	47.3	28.4	18.9	9.5	9.5	0.0	0.0
82.5°	227.1	151.4	56.8	37.9	18.9	9.5	9.5	0.0	0.0	0.0	0.0
85°	123.0	47.3	18.9	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	37.9	18.9	9.5	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

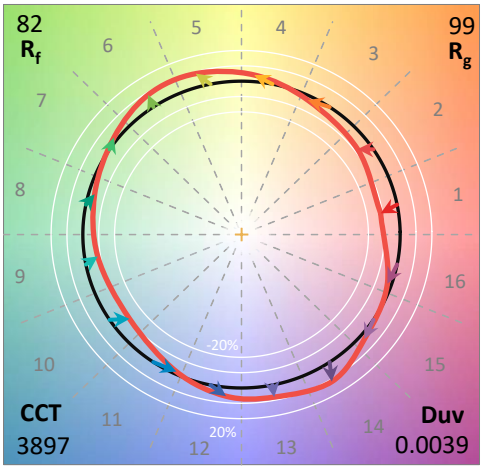
Test Information

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

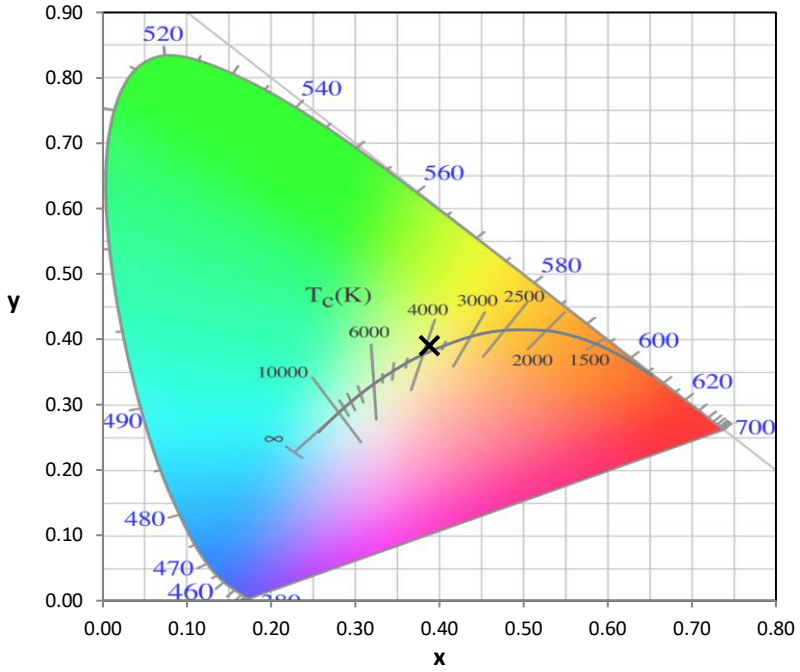
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

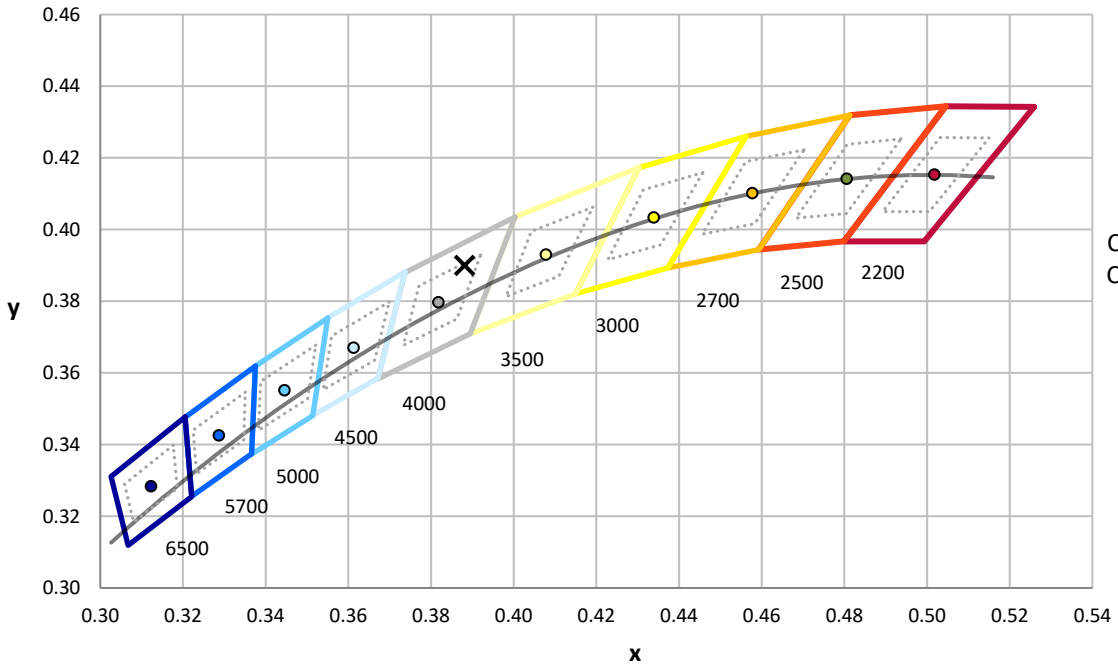
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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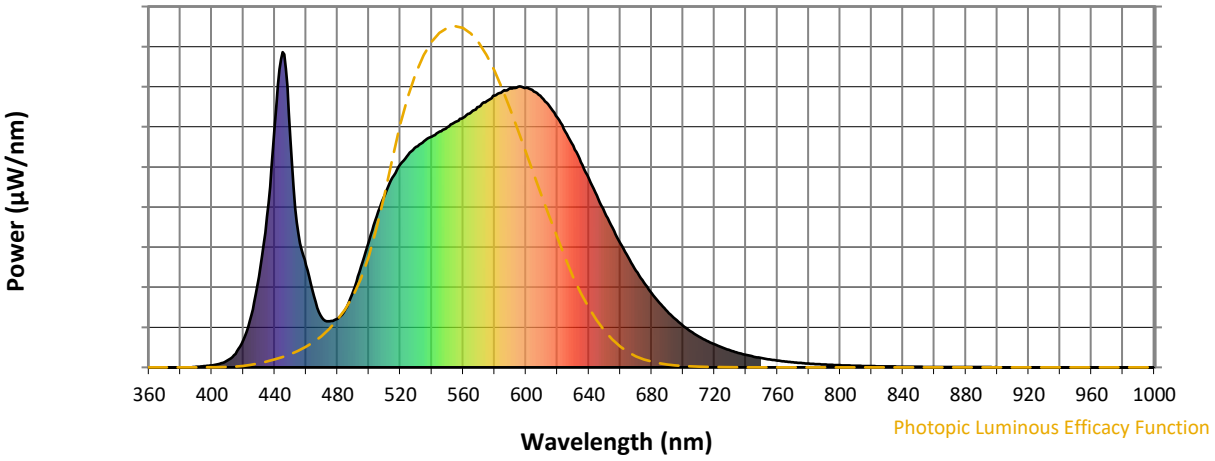
Photopic Flux vs. Wavelength



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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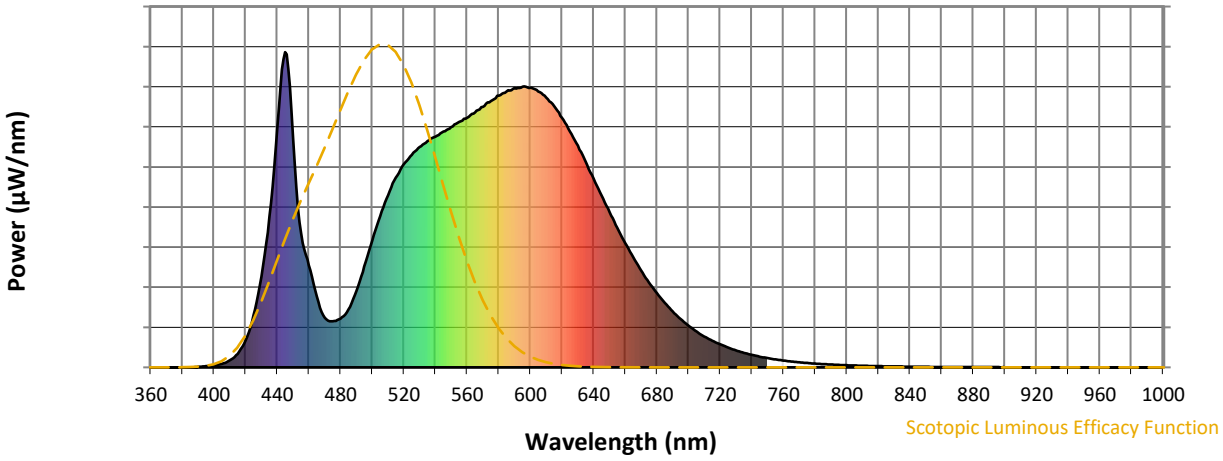
Scotopic Flux vs. Wavelength



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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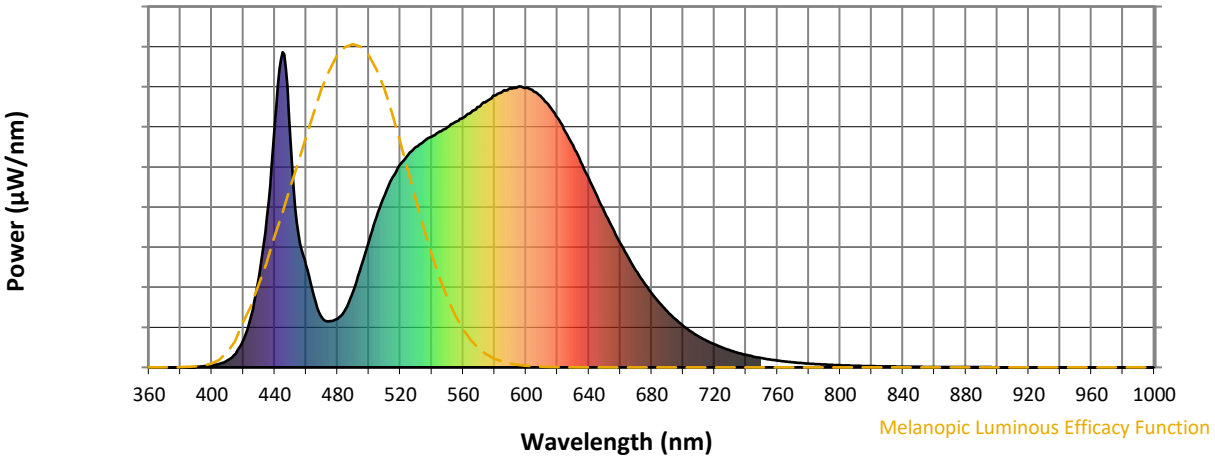
Melanopic Flux vs. Wavelength



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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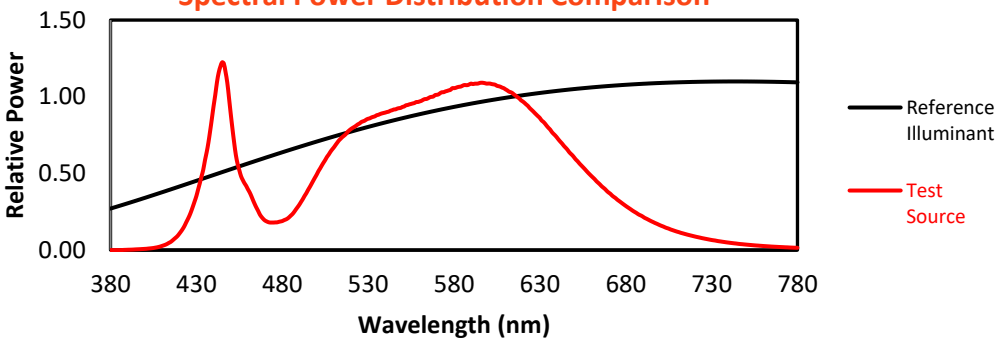
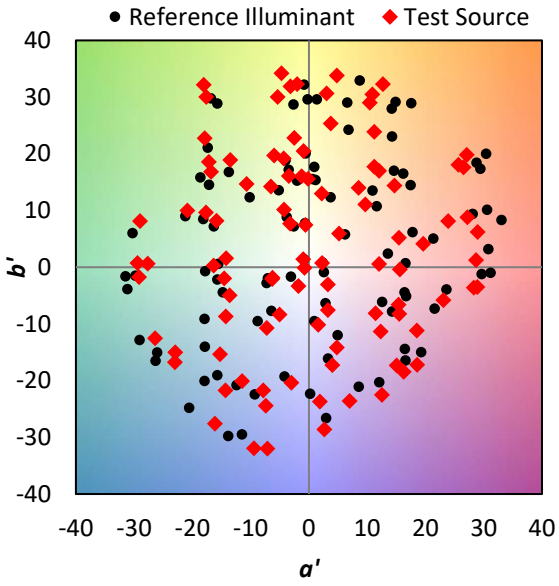
Summary

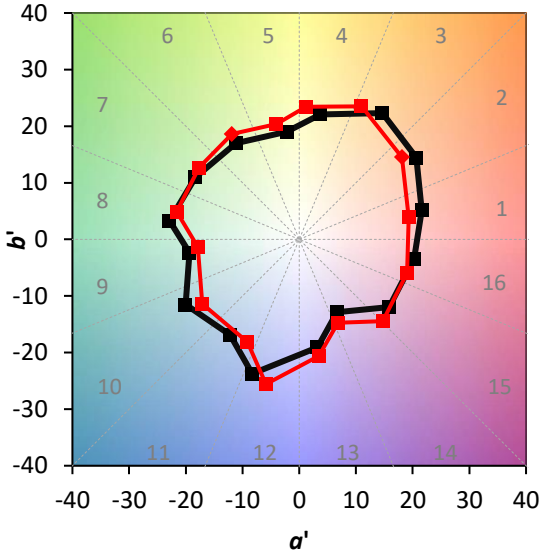
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

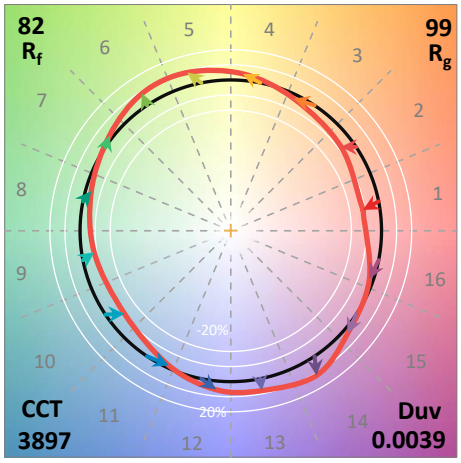
Spectral Power Distribution Comparison

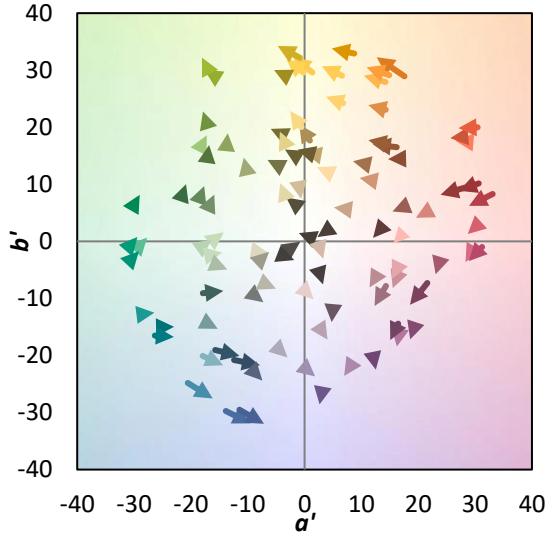


Color Vector Graphics









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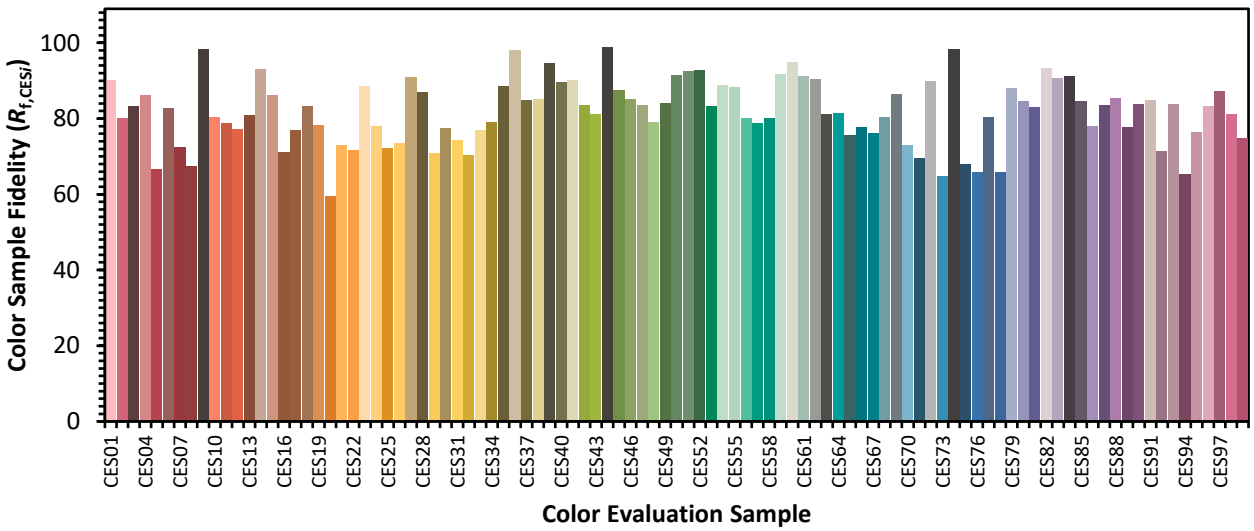
Individual Sample Fidelity Index ($R_{f,i}$)

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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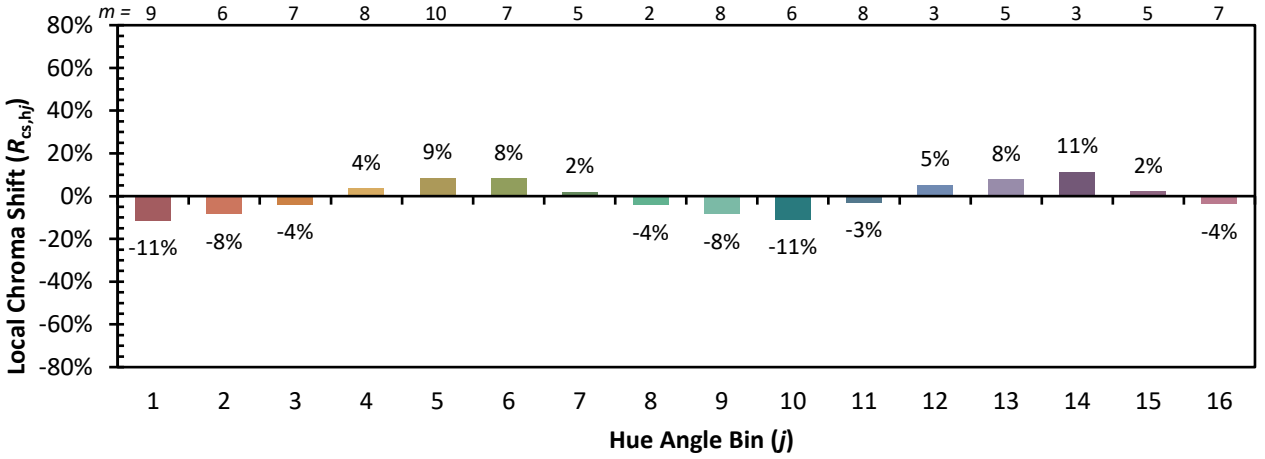
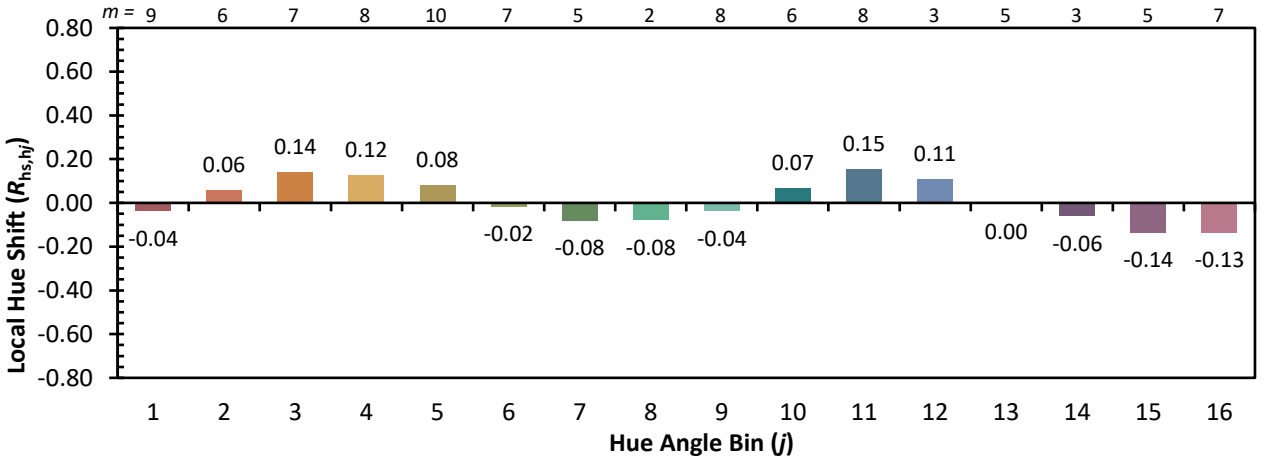
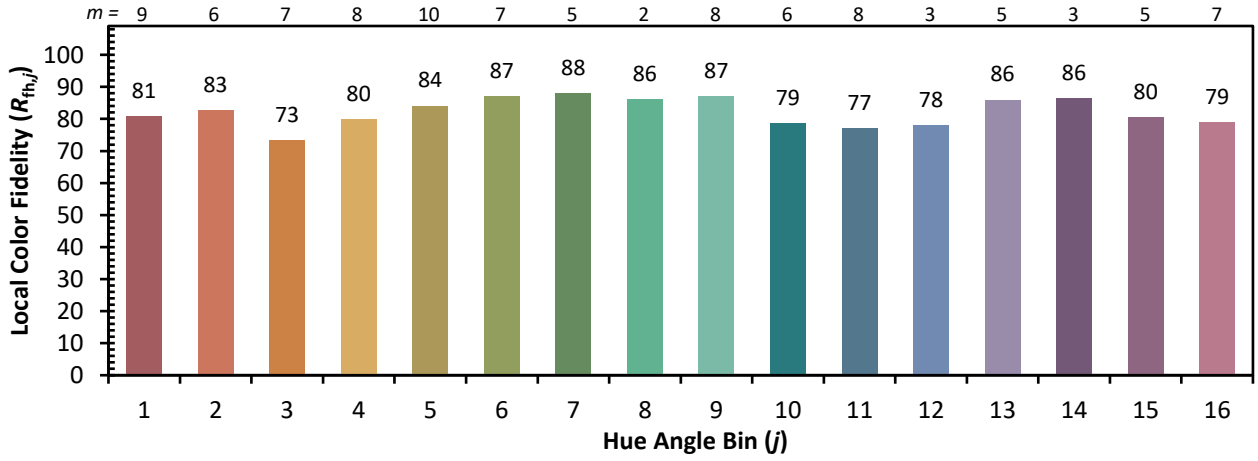
Color Rendition by Hue-Angle Bin







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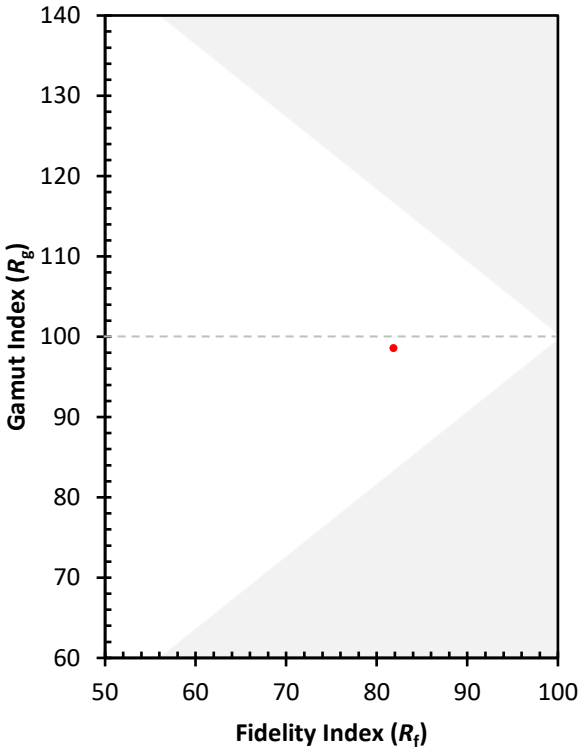
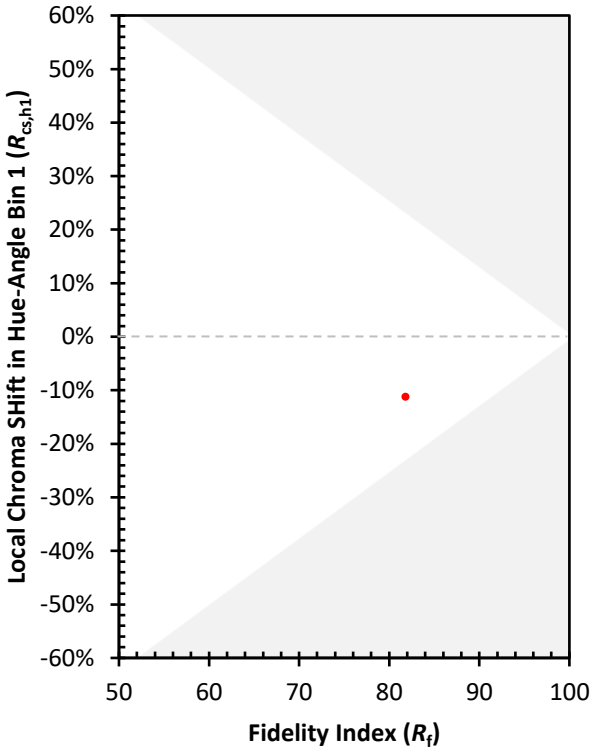
Measure Comparisons





(END OF REPORT)