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: P1457898

Luminaire Tested: GLAN-SB5D-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:	P1457898
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5D-850-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 5xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35610.8 lumens
Efficiency:	N/A
Efficacy:	97.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	364.9
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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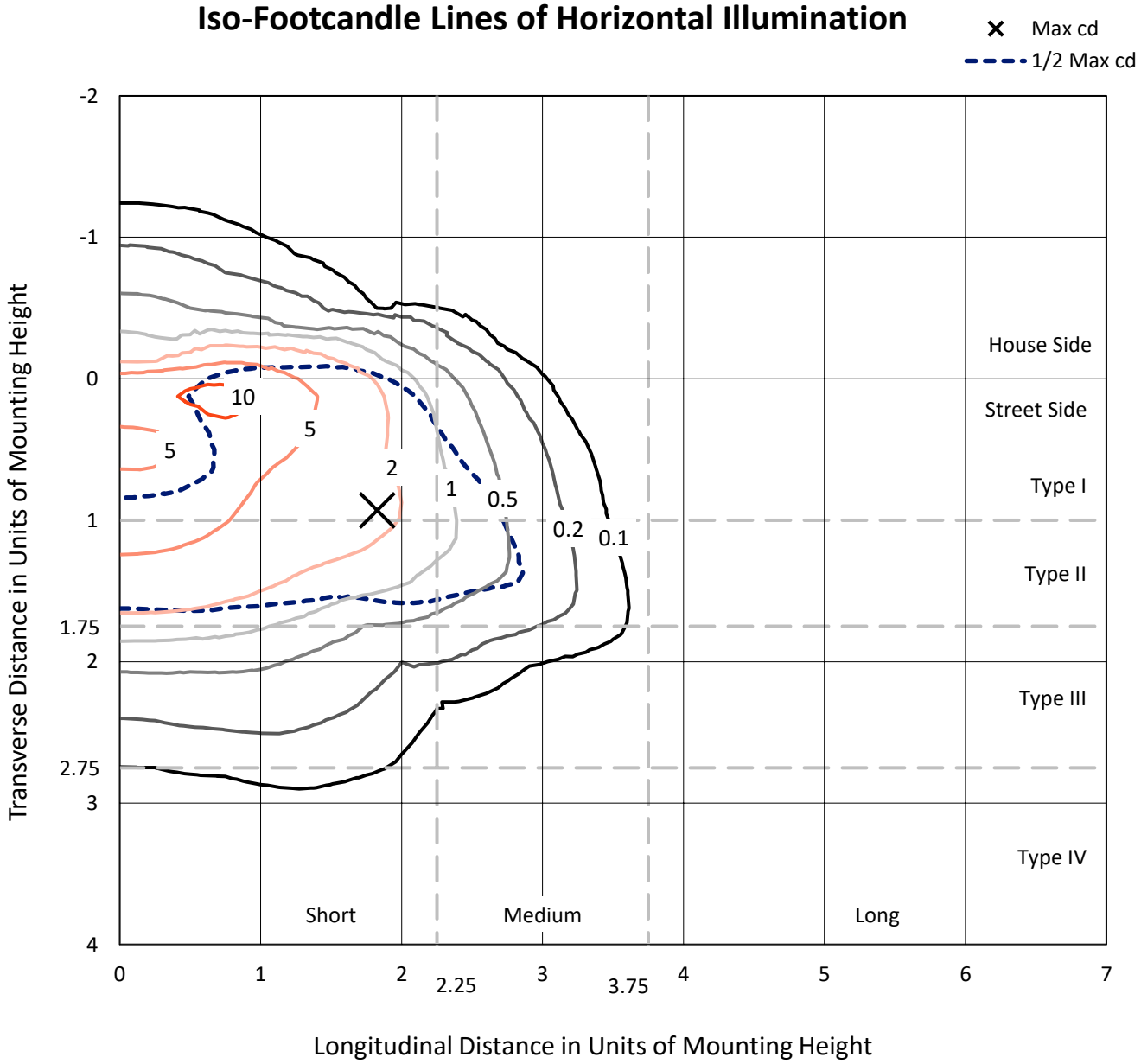
REPORT NUMBER: P1457898
CATALOG NUMBER: GLAN-SB5D-850-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 11.3 fc
Type II - Short - N/A

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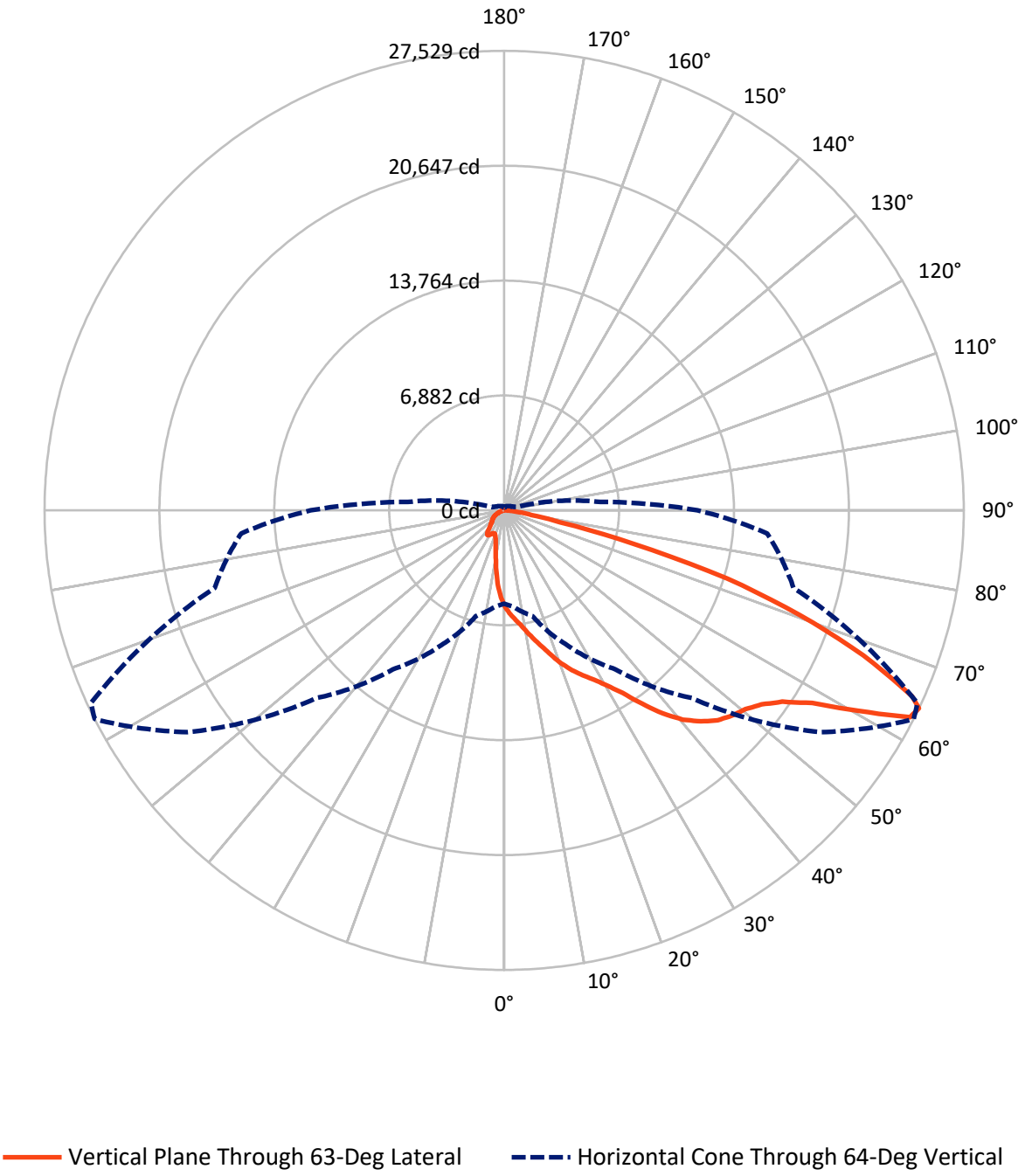
Luminous Intensity Polar Plot



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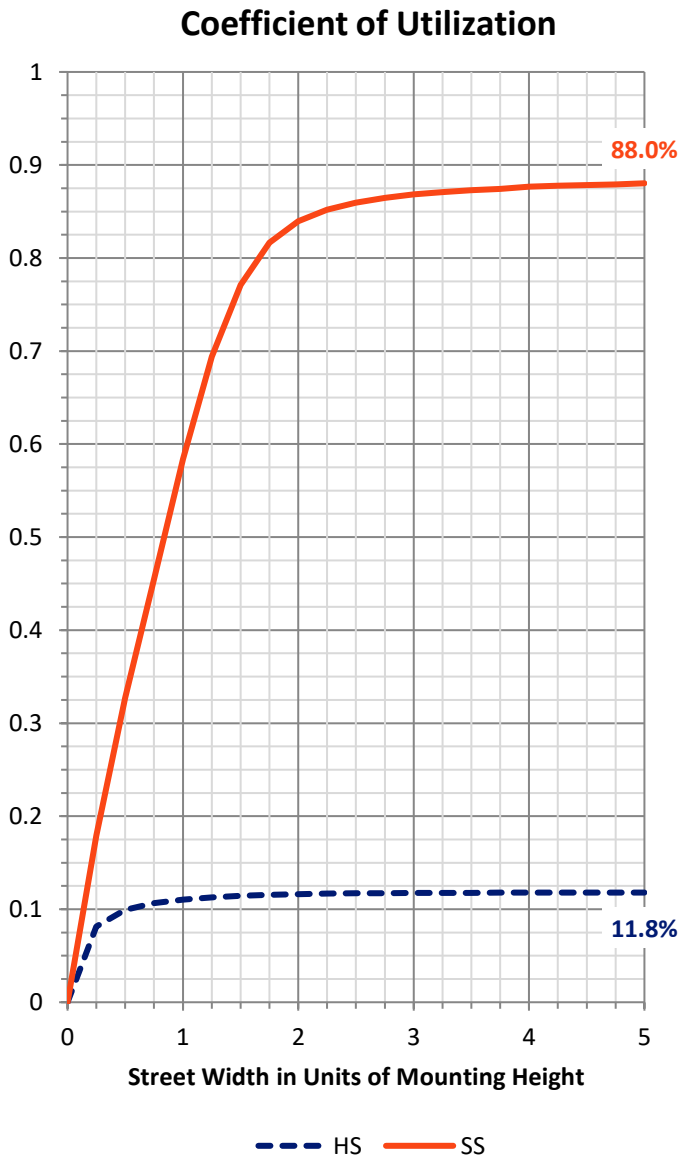
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4225.9	0.0	4225.9
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	31384.9	0.0	31384.9
	% Fixture	88.1	0.0	88.1
Total	Lumens	35610.8	0.0	35610.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	484.9	1.4
10°-20°	1362.5	3.8
20°-30°	2426.7	6.8
30°-40°	4635.0	13.0
40°-50°	7682.8	21.6
50°-60°	9576.6	26.9
60°-70°	7141.0	20.1
70°-80°	2048.0	5.8
80°-90°	253.2	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°	35610.8	100.0
0°-180°	35610.8	100.0



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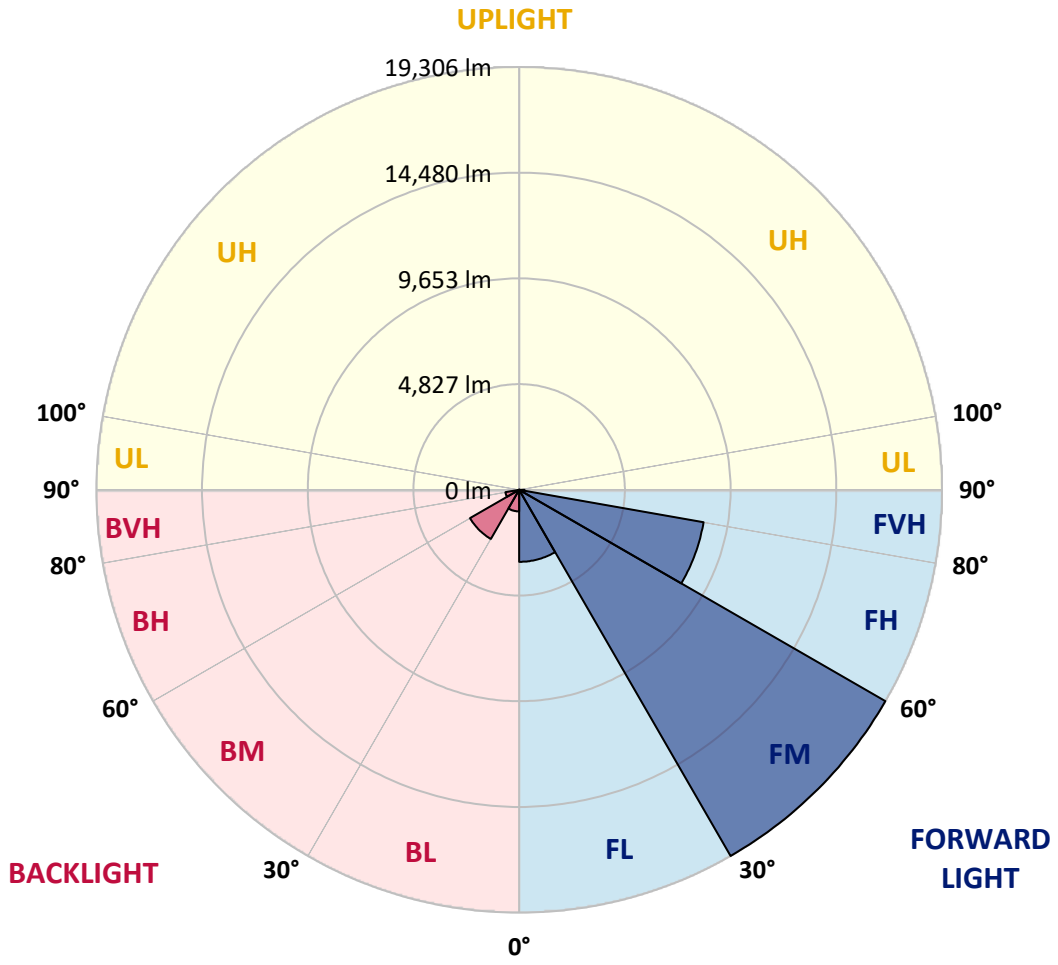
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3288.2	9.2			
FM	(30°-60°)	19306.1	54.2			
FH	(60°-80°)	8549.9	24.0			G4/12000
FVH	(80°-90°)	240.8	0.7			G3/500
BL	(0°-30°)	985.9	2.8	B2/1000		
BM	(30°-60°)	2588.4	7.3	B3/5000		
BH	(60°-80°)	639.1	1.8	B2/1000		G2/1000
BVH	(80°-90°)	12.5	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-G4
Type II Short



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REPORT NUMBER: P1457898
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	5757.8	5757.8	5757.8	5757.8	5757.8	5757.8	5757.8	*5757.8*	5757.8	5757.8	5757.8
2.5°	6452.2	6430.8	6409.5	6377.4	6334.7	6292.0	6238.6	*6163.8*	6131.7	6024.9	5896.7
5°	6783.4	6783.4	6772.7	6751.3	6729.9	6687.2	6623.1	*6527.0*	6484.2	6334.7	6110.4
7.5°	6868.8	6879.5	6911.5	6954.3	7018.4	7007.7	7007.7	*6900.9*	6879.5	6719.3	6420.2
10°	6719.3	6729.9	6815.4	6932.9	7125.2	7306.8	7435.0	*7370.9*	7338.8	7178.6	6804.7
12.5°	6505.6	6505.6	6644.5	6826.1	7125.2	7467.0	7840.9	*7905.0*	7915.7	7734.1	7285.4
15°	5950.1	5971.5	6195.8	6559.0	7050.4	7584.5	8214.8	*8460.5*	8524.6	8407.1	7873.0
17.5°	5213.0	5234.4	5458.7	5950.1	6687.2	7584.5	8535.3	*9101.4*	9186.9	9208.3	8620.7
20°	4903.2	4903.2	5031.4	5405.3	6174.5	7381.6	8727.6	*9785.1*	9977.4	10212.4	9443.3
22.5°	4946.0	4946.0	5020.8	5234.4	5854.0	7103.8	8845.1	*10394.0*	10789.3	11387.5	10500.8
25°	5181.0	5181.0	5245.1	5384.0	5886.0	7061.1	9069.4	*10938.8*	11569.1	12701.4	11708.0
27.5°	5554.9	5544.2	5597.6	5736.5	6195.8	7264.1	9443.3	*11483.6*	12188.7	14175.6	13096.7
30°	6099.7	6067.6	6089.0	6249.2	6697.9	7734.1	9988.1	*12178.0*	12893.7	15788.7	14635.0
32.5°	7360.2	7349.5	7039.7	6954.3	7435.0	8492.5	10735.9	*13043.3*	13844.5	17497.9	16216.0
35°	9635.6	9785.1	9347.1	8225.5	8321.6	9507.4	11804.1	*14218.3*	14955.4	19313.9	17935.8
37.5°	11943.0	11943.0	11761.4	10436.8	9763.8	10629.0	12957.8	*15425.5*	16194.6	20777.4	19591.6
40°	13769.7	13865.8	13652.2	12658.7	11782.7	11910.9	14111.5	*16483.0*	17188.1	21674.7	20766.7
42.5°	15126.4	15105.0	15019.5	14367.9	13876.5	13588.1	15158.4	*17273.5*	17946.5	22134.0	21503.8
45°	16589.8	16589.8	16472.3	15938.2	15532.3	15286.6	15938.2	*17935.8*	18640.9	22411.8	21963.1
47.5°	18117.4	18096.1	17978.6	17391.0	16953.0	16589.8	16728.7	*18363.1*	19068.2	22230.2	22037.9
50°	18491.3	18470.0	18737.0	18758.4	18363.1	17668.8	17359.0	*18726.3*	19345.9	22240.9	22272.9
52.5°	18053.3	18181.5	18576.8	19057.5	19506.2	18779.7	18032.0	*19303.2*	19944.1	22540.0	22860.4
55°	16963.7	17017.1	17775.6	18544.7	19591.6	19848.0	19110.9	*20221.9*	20788.0	22828.4	23383.9
57.5°	14934.1	15137.0	15948.9	17284.2	18875.9	19944.1	20991.0	*21760.2*	22187.5	22945.9	23095.5
60°	11270.0	11376.8	13139.4	14870.0	17391.0	19175.0	22742.9	*24366.7*	24313.3	21621.3	21076.5
62.5°	6858.1	6954.3	8214.8	10960.2	14132.9	17572.6	23330.5	*27283.0*	26994.6	19388.6	17743.6
64°	*5586.9*	*5768.5*	*6548.3*	*8898.5*	*11622.5*	*15895.5*	*23159.6*	*27528.7*	*27304.3*	*17946.5*	*15810.0*
65°	4775.1	5020.8	5821.9	7723.4	9881.3	14090.2	22689.5	*26845.0*	26695.4	17070.6	14207.7
67.5°	3001.8	3119.3	4305.0	6003.5	6804.7	9016.0	19506.2	*23213.0*	23480.0	15211.8	10479.5
70°	2232.6	2286.0	2959.0	4646.9	5309.2	5245.1	13395.8	*18801.1*	18865.2	12167.3	6324.0
72.5°	1623.7	1634.4	2072.4	3439.7	4155.5	3578.6	7061.1	*13972.6*	13513.3	7125.2	3450.4
75°	1078.9	1121.7	1452.8	2424.9	3236.8	2627.9	3215.4	*7958.4*	7819.6	3482.5	1976.3
77.5°	790.5	801.2	982.8	1623.7	2542.4	1933.5	1944.2	*3429.1*	3535.9	2072.4	1249.8
80°	448.7	470.0	640.9	993.5	1655.8	1324.6	1089.6	*1655.8*	1901.5	1410.1	833.2
82.5°	267.1	288.4	459.3	651.6	1132.3	544.8	555.5	*908.0*	1132.3	1014.8	448.7
85°	160.2	170.9	288.4	352.5	673.0	363.2	203.0	*448.7*	587.5	598.2	245.7
87.5°	106.8	106.8	160.2	149.6	192.3	170.9	85.5	*117.5*	149.6	203.0	96.1
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: P1457898
CATALOG NUMBER: GLAN-SB5D-850-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5757.8	5757.8	5757.8	5757.8	5757.8	5757.8	5757.8	5757.8	5757.8	5757.8	5757.8
2.5°	5789.9	5725.8	5533.5	5277.1	5042.1	4860.5	4636.2	4486.6	4347.8	4347.8	4230.3
5°	5928.8	5757.8	5287.8	4700.3	4070.0	3471.8	3087.2	2659.9	2521.1	2403.6	2424.9
7.5°	6163.8	5854.0	5020.8	3963.2	2959.0	2318.1	1890.8	1698.5	1613.1	1559.6	1570.3
10°	6452.2	6024.9	4700.3	3215.4	2179.2	1698.5	1495.5	1420.8	1388.7	1378.0	1378.0
12.5°	6847.5	6227.9	4379.8	2585.2	1719.9	1463.5	1356.7	1313.9	1281.9	1260.5	1260.5
15°	7317.5	6484.2	4005.9	2125.8	1506.2	1346.0	1260.5	1217.8	1175.1	1164.4	1164.4
17.5°	7915.7	6751.3	3674.8	1826.7	1399.4	1260.5	1175.1	1121.7	1089.6	1078.9	1078.9
20°	8578.0	7082.5	3343.6	1655.8	1324.6	1175.1	1089.6	1046.9	1014.8	993.5	1004.2
22.5°	9421.9	7499.1	3130.0	1570.3	1260.5	1100.3	1014.8	972.1	940.1	918.7	929.4
25°	10351.3	8022.5	3012.5	1570.3	1217.8	1046.9	950.7	908.0	876.0	854.6	854.6
27.5°	11483.6	8610.1	3023.1	1634.4	1207.1	1004.2	897.3	854.6	822.5	790.5	790.5
30°	12733.5	9304.4	3140.6	1751.9	1228.5	961.4	854.6	790.5	769.1	737.1	737.1
32.5°	14058.1	10105.6	3439.7	1901.5	1207.1	908.0	790.5	737.1	705.0	683.7	683.7
35°	15457.5	11013.6	3813.6	1965.6	1100.3	833.2	737.1	683.7	662.3	651.6	640.9
37.5°	16792.8	11804.1	4016.6	1837.4	961.4	769.1	673.0	619.6	608.9	587.5	587.5
40°	17829.0	12455.7	3899.1	1570.3	886.6	705.0	619.6	566.2	544.8	523.4	523.4
42.5°	18437.9	12690.8	3471.8	1335.3	833.2	640.9	566.2	512.8	491.4	480.7	480.7
45°	18790.4	12658.7	2969.7	1196.4	779.8	587.5	512.8	480.7	448.7	438.0	427.3
47.5°	18779.7	12327.5	2606.5	1078.9	726.4	544.8	480.7	448.7	416.6	405.9	405.9
50°	18705.0	11836.2	2200.6	993.5	683.7	512.8	448.7	427.3	395.3	384.6	373.9
52.5°	18886.6	11558.4	1837.4	940.1	630.3	491.4	438.0	405.9	363.2	352.5	352.5
55°	19110.9	11398.2	1474.2	886.6	587.5	480.7	416.6	384.6	341.8	331.2	331.2
57.5°	18459.3	10789.3	1217.8	801.2	534.1	459.3	395.3	373.9	331.2	299.1	299.1
60°	16408.2	8919.8	1004.2	705.0	491.4	427.3	373.9	341.8	299.1	256.4	256.4
62.5°	13342.4	6804.7	833.2	598.2	459.3	395.3	341.8	309.8	256.4	203.0	203.0
64°	*11590.5*	*5779.2*	*747.8*	*523.4*	*438.0*	*363.2*	*309.8*	*277.7*	*224.3*	*170.9*	*160.2*
65°	10394.0	5106.2	694.4	491.4	427.3	341.8	299.1	267.1	203.0	160.2	149.6
67.5°	7317.5	3429.1	555.5	405.9	373.9	288.4	256.4	224.3	181.6	138.9	128.2
70°	4262.3	1944.2	438.0	341.8	288.4	224.3	213.6	203.0	160.2	106.8	106.8
72.5°	2318.1	972.1	331.2	277.7	224.3	160.2	181.6	160.2	128.2	85.5	74.8
75°	1420.8	598.2	245.7	203.0	149.6	117.5	138.9	117.5	74.8	53.4	42.7
77.5°	950.7	384.6	181.6	138.9	96.1	74.8	96.1	64.1	32.0	10.7	10.7
80°	587.5	267.1	117.5	85.5	53.4	32.0	21.4	10.7	10.7	0.0	0.0
82.5°	256.4	170.9	64.1	42.7	21.4	10.7	10.7	0.0	0.0	0.0	0.0
85°	138.9	53.4	21.4	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	42.7	21.4	10.7	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

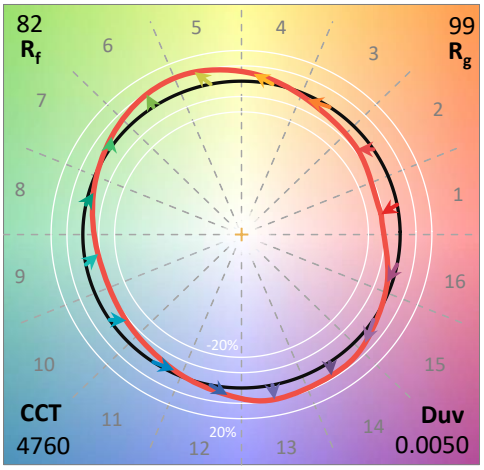
Test Information

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



Test Conditions

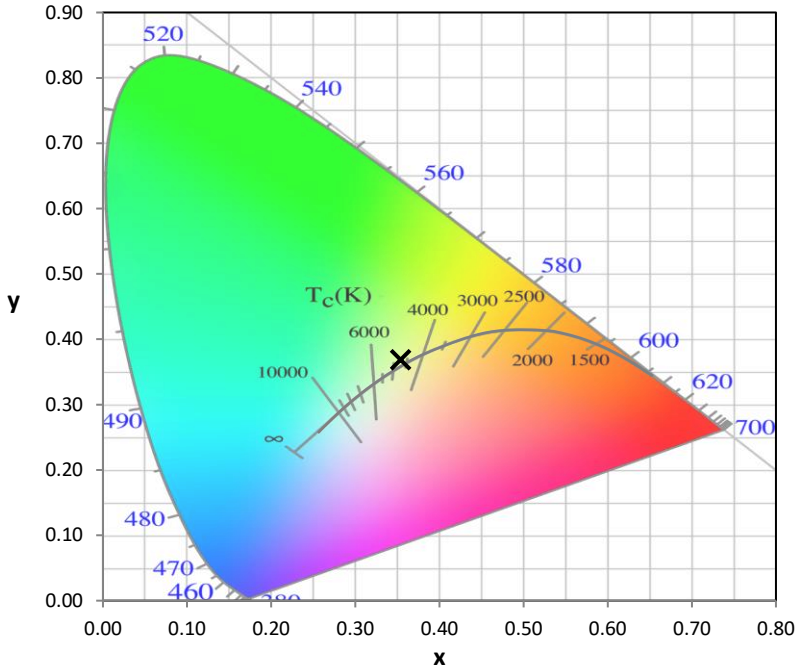
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

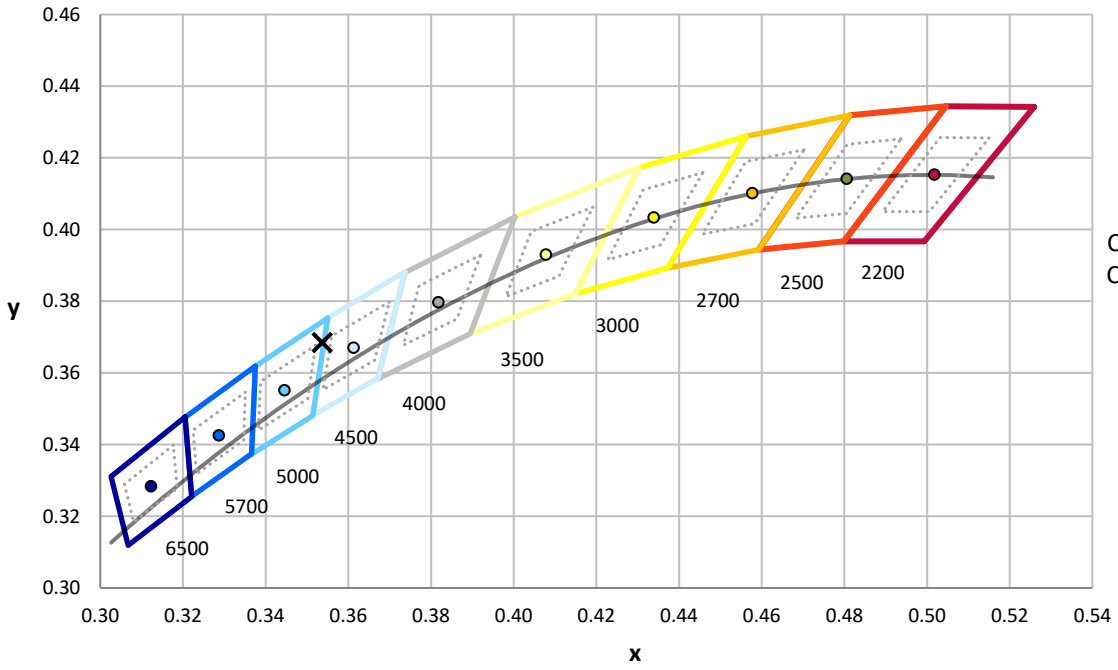
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

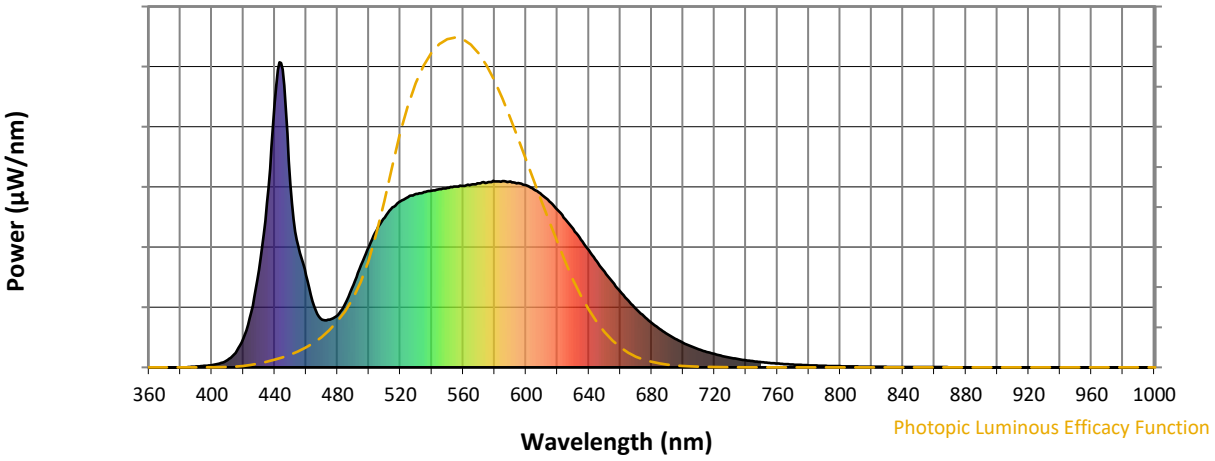


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

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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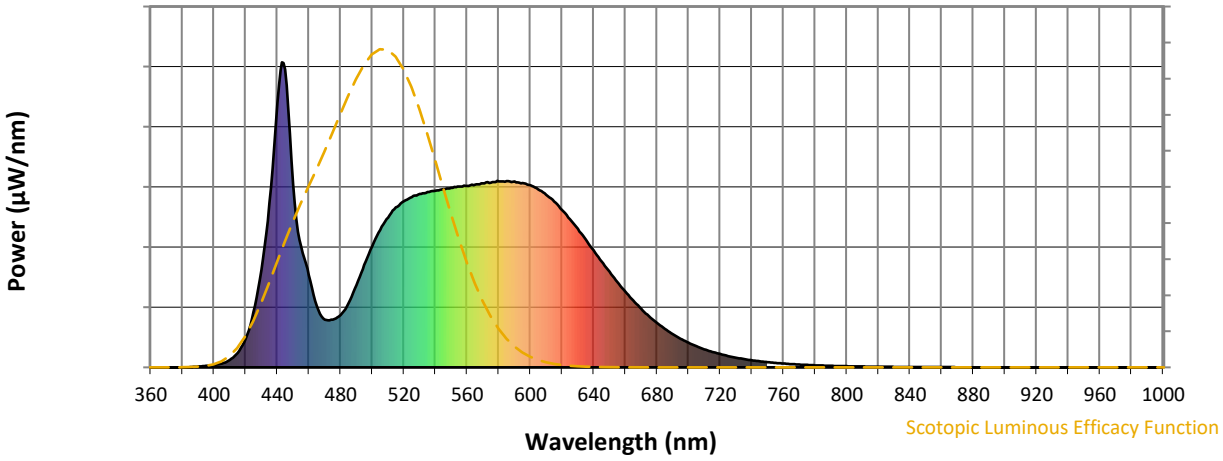
Scotopic Flux vs. Wavelength



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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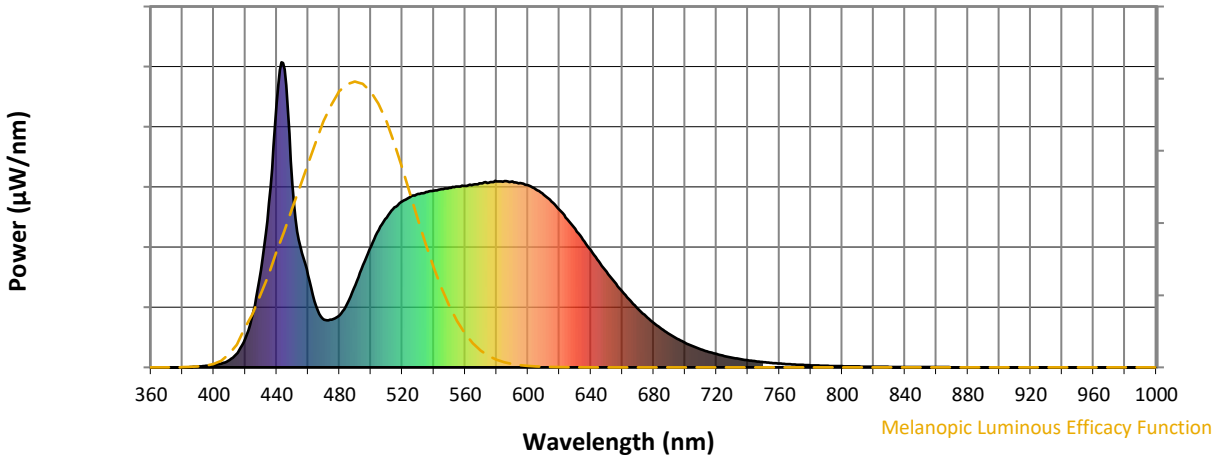
Melanopic Flux vs. Wavelength



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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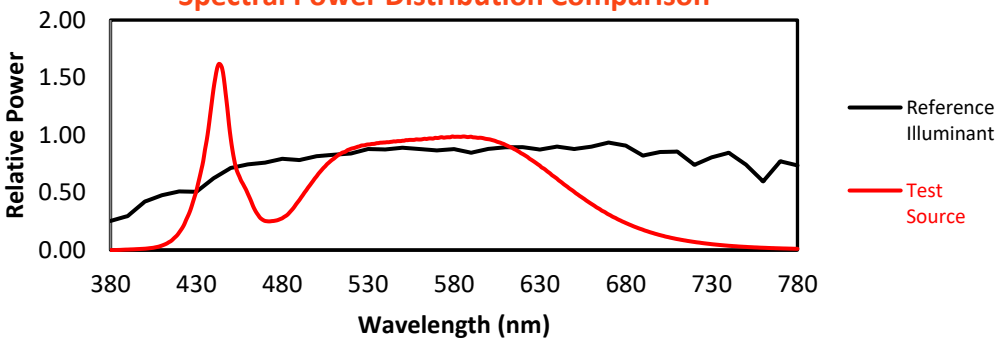
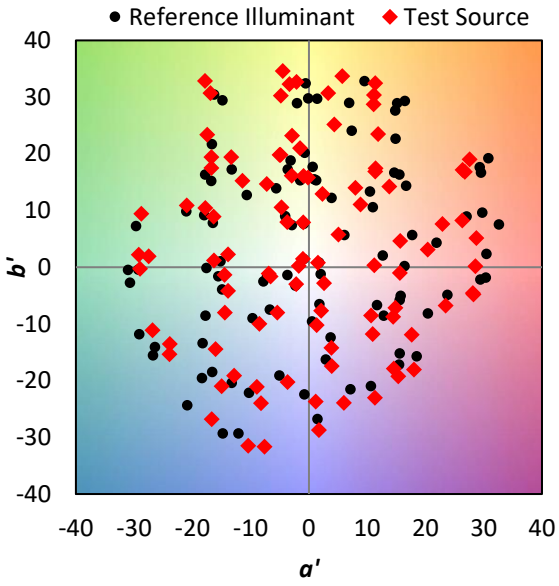
Summary

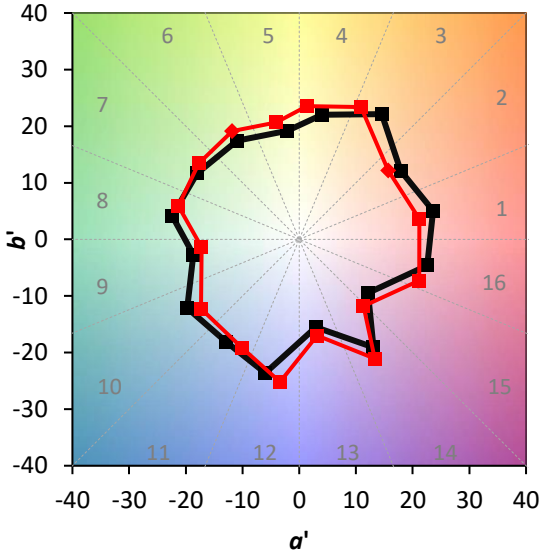
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

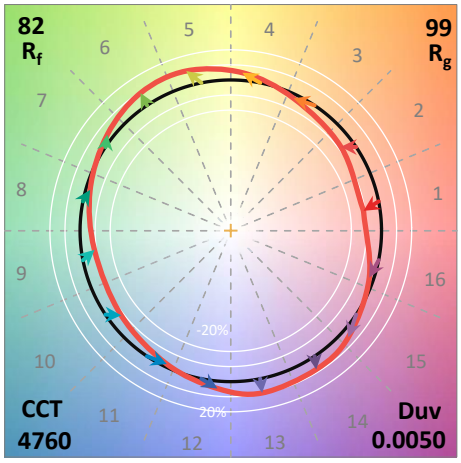
Spectral Power Distribution Comparison

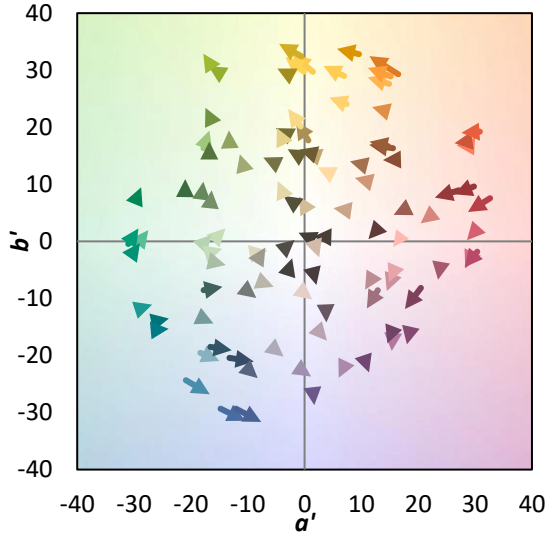


Color Vector Graphics









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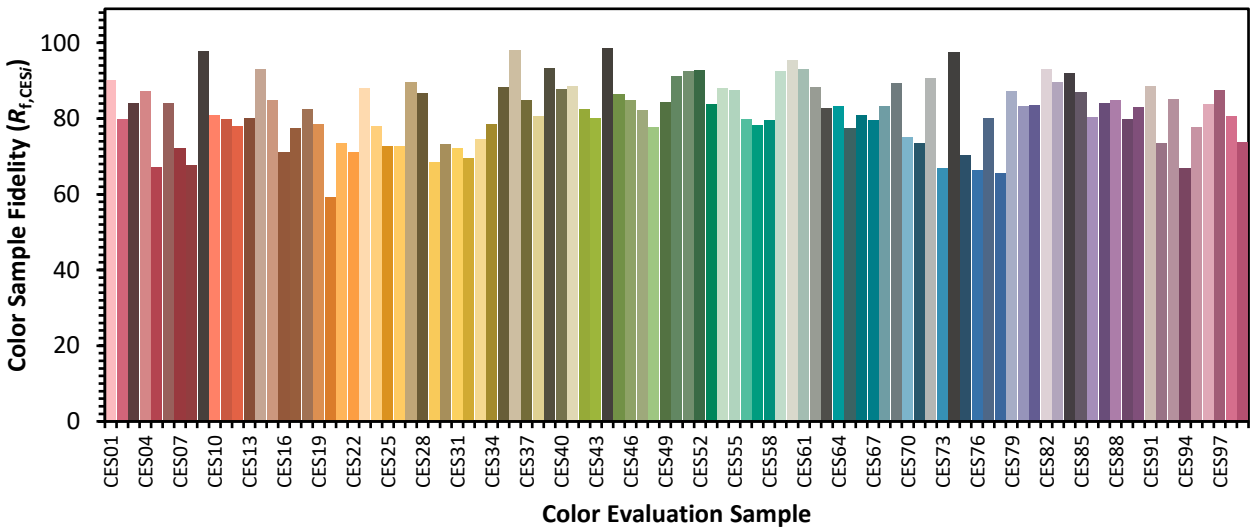
Individual Sample Fidelity Index ($R_{f,i}$)

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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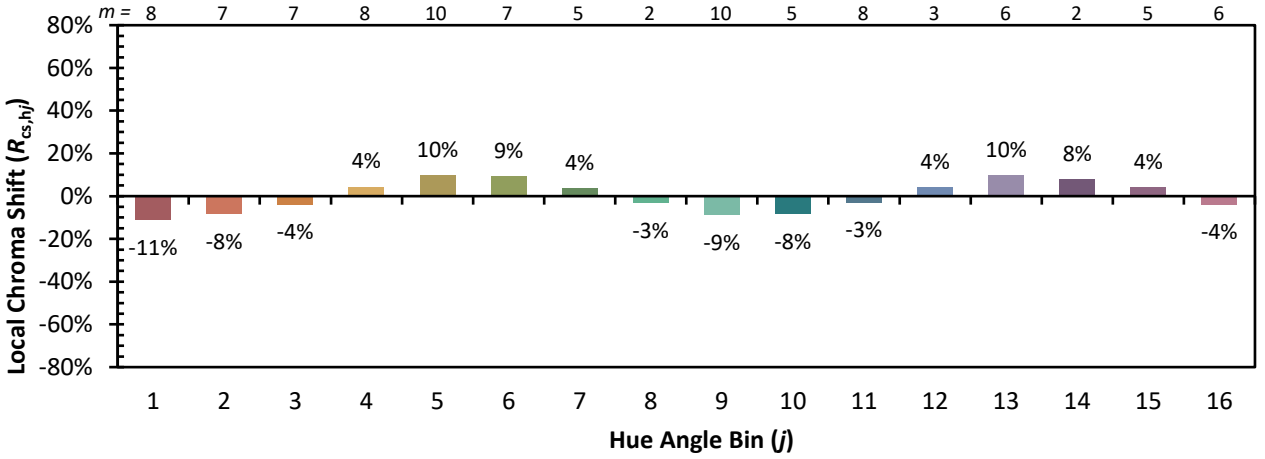
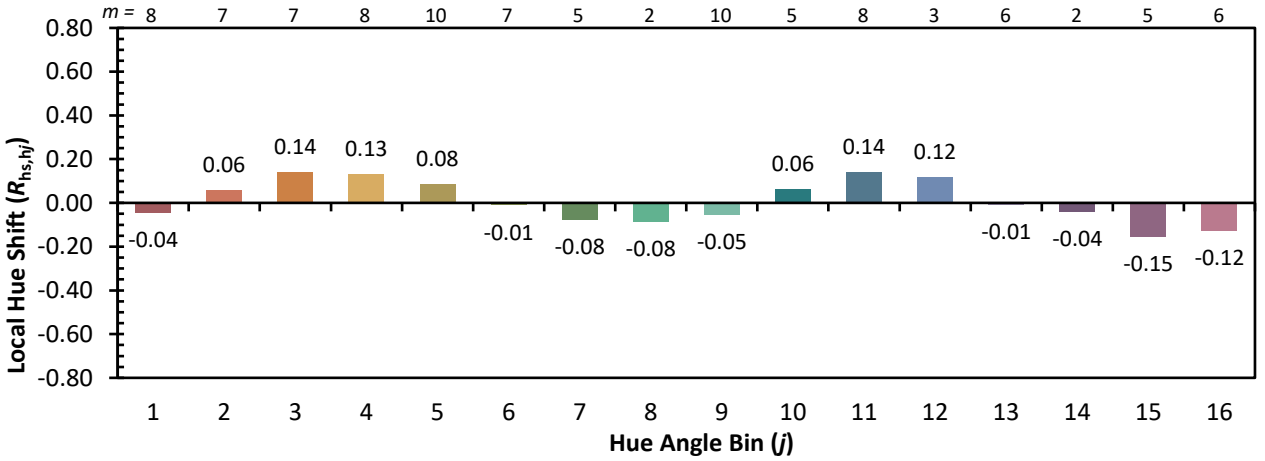
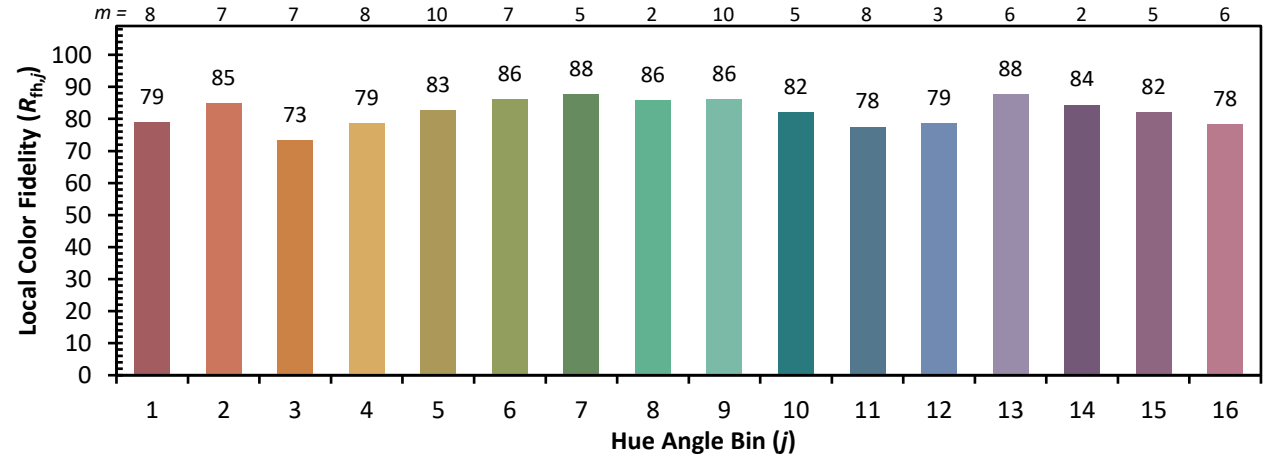
Color Rendition by Hue-Angle Bin







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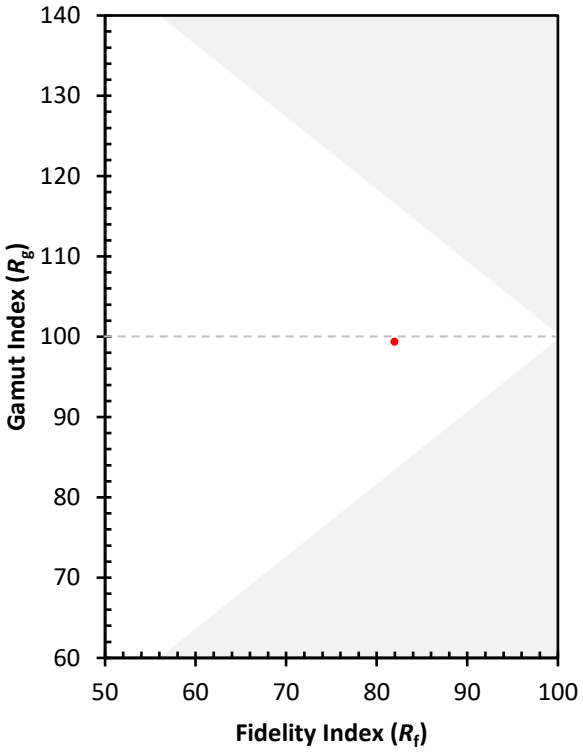
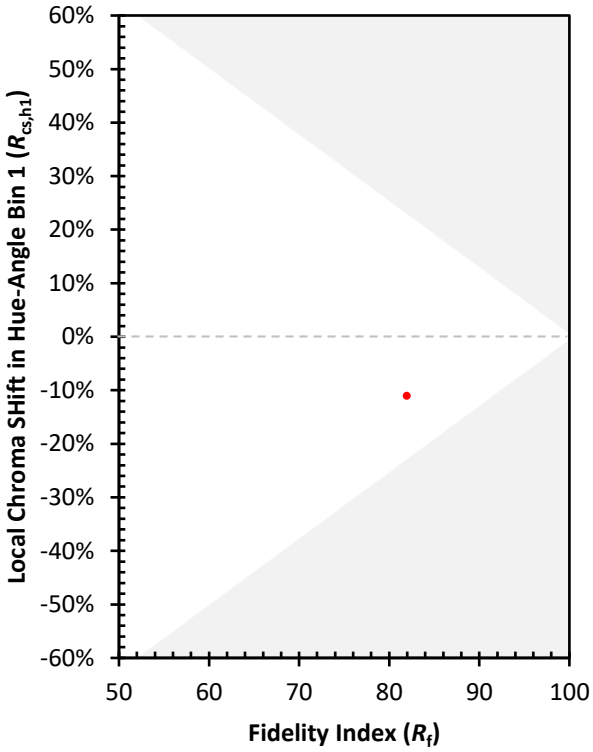
Measure Comparisons





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