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: P1457336

Luminaire Tested: GLAN-SB9B-850-U-T4LG

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:	P1457336
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9B-850-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 9xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(234) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	48006.8 lumens
Efficiency:	N/A
Efficacy:	145.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B4 - U0 - G4

Input Watts (W):	329.5
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: P1457336
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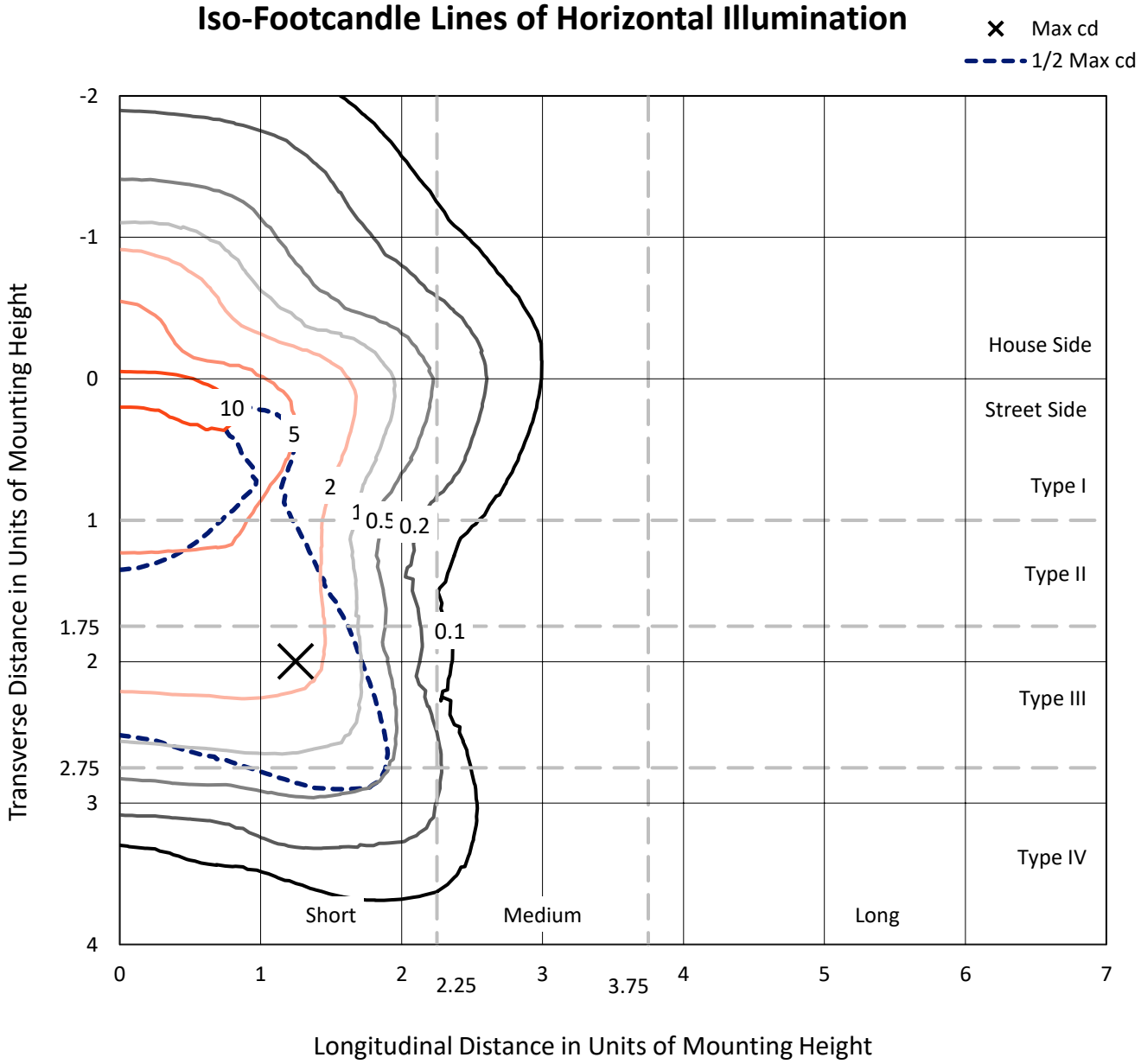
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 13.2 fc
Type IV - Short - N/A

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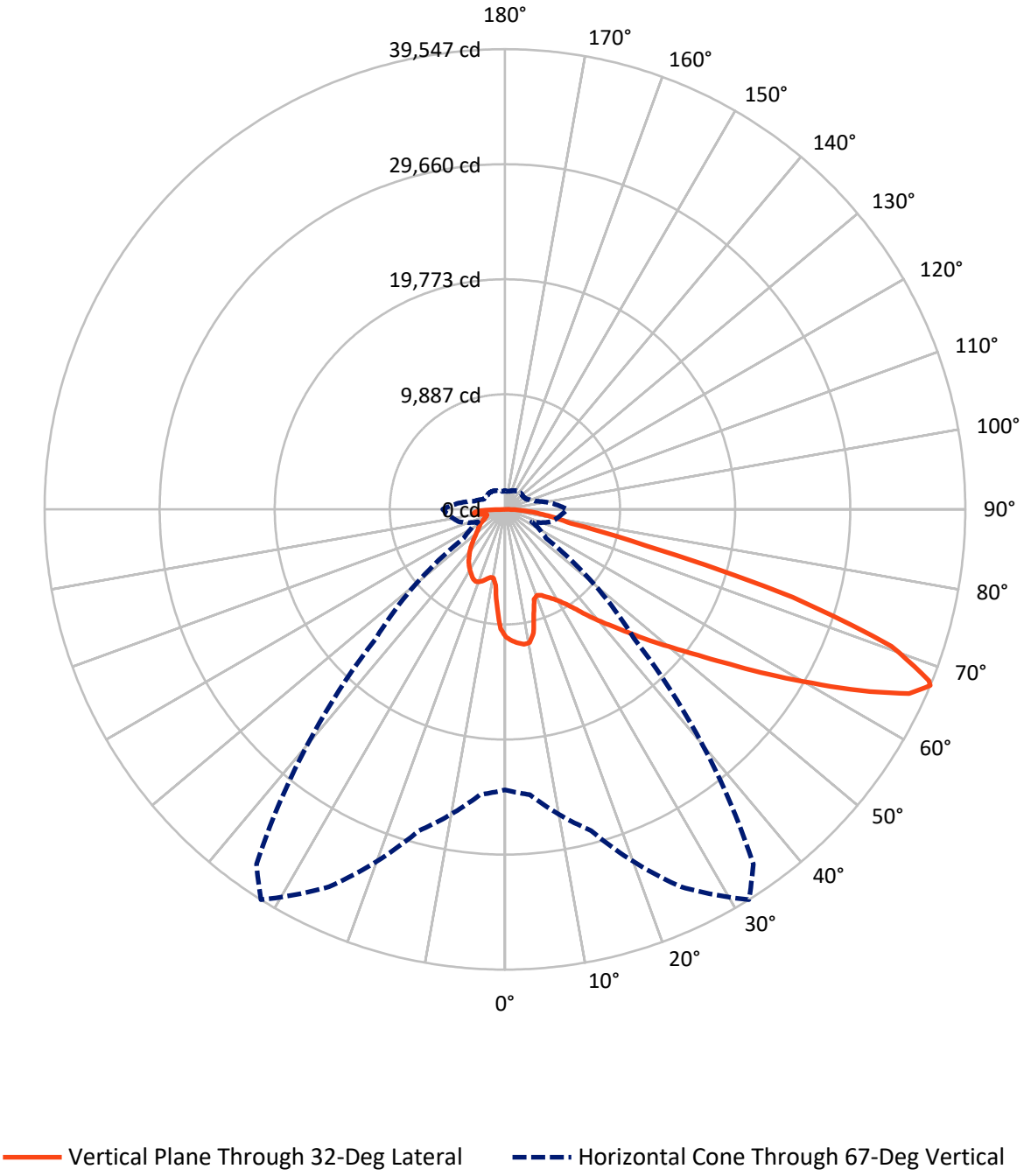
Luminous Intensity Polar Plot



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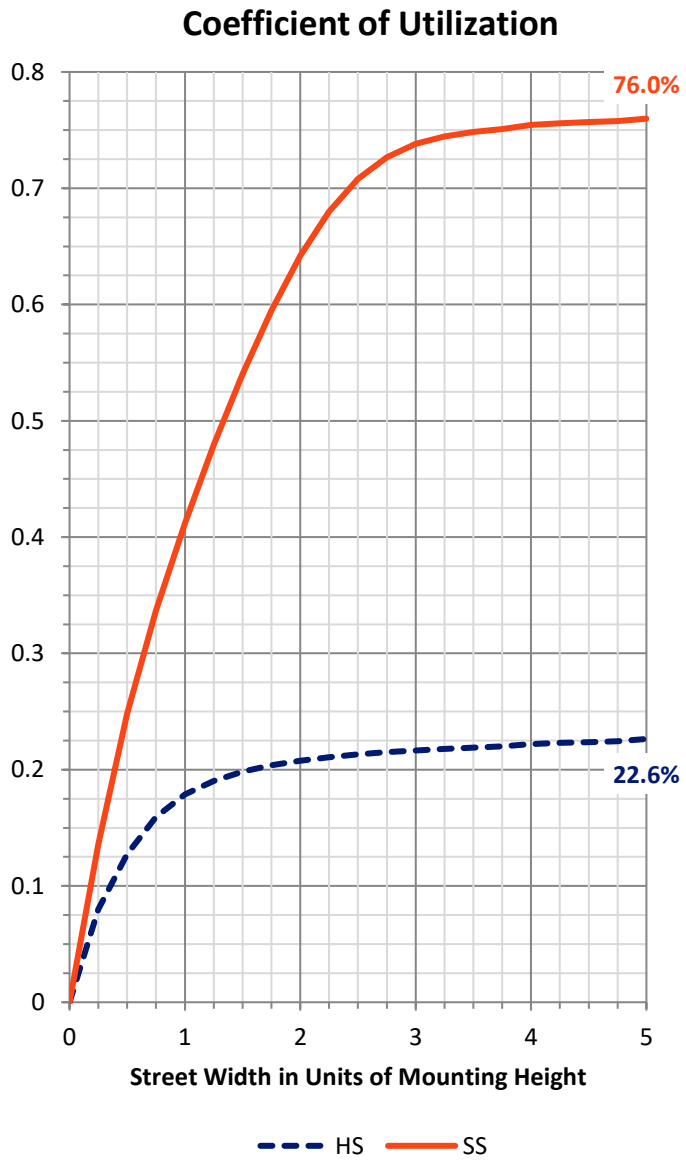
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11365.4	0.0	11365.4
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	36641.3	0.0	36641.3
	% Fixture	76.3	0.0	76.3
Total	Lumens	48006.8	0.0	48006.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	958.4	2.0
10°-20°	2544.6	5.3
20°-30°	4155.4	8.7
30°-40°	6124.7	12.8
40°-50°	8446.3	17.6
50°-60°	10670.3	22.2
60°-70°	10326.9	21.5
70°-80°	3685.6	7.7
80°-90°	1094.5	2.3
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°	48006.8	100.0
0°-180°	48006.8	100.0



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REPORT NUMBER: P1457336
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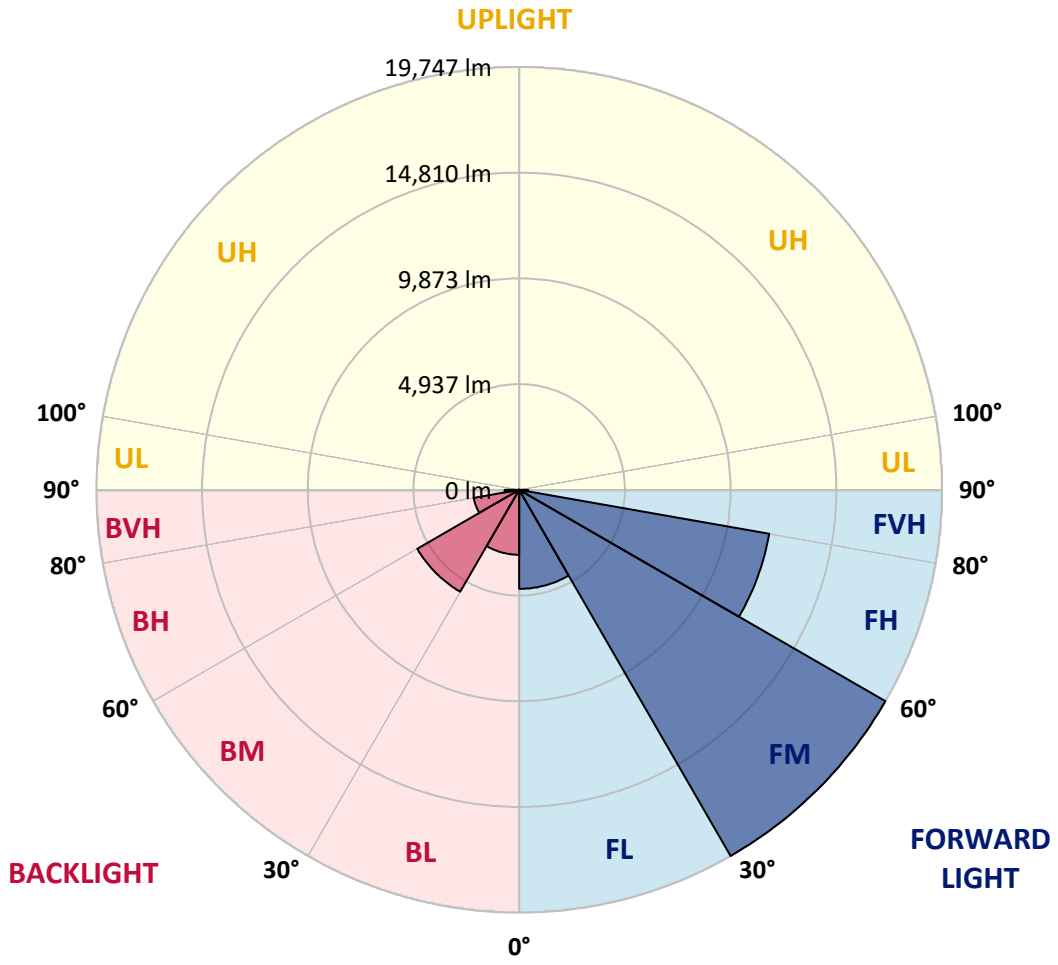
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4625.6	9.6			
FM	(30°-60°)	19746.7	41.1			
FH	(60°-80°)	11856.7	24.7			G4/12000
FVH	(80°-90°)	412.4	0.9			G3/500
BL	(0°-30°)	3032.9	6.3	B4/5000		
BM	(30°-60°)	5494.7	11.4	B4/8500		
BH	(60°-80°)	2155.8	4.5	B3/2500		G3/2500
BVH	(80°-90°)	682.1	1.4			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type IV Short



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Scaled Data Report

REPORT NUMBER: P1457336
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	10968.6	10968.6	10968.6	10968.6	*10968.6*	10968.6	10968.6	10968.6	10968.6	10968.6	10968.6
2.5°	11384.3	11352.3	11320.4	11341.7	*11299.0*	11288.4	11235.1	11213.8	11149.8	11139.1	11021.9
5°	11618.8	11554.9	11544.2	11565.5	*11522.9*	11522.9	11480.2	11448.3	11352.3	11299.0	11128.5
7.5°	11618.8	11608.2	11629.5	11704.1	*11714.8*	11714.8	11714.8	11725.4	11629.5	11554.9	11288.4
10°	10957.9	10851.3	11085.8	11458.9	*11640.1*	11746.7	11938.6	12055.9	11981.2	11927.9	11565.5
12.5°	8985.9	8996.6	9369.7	10169.1	*10894.0*	11203.1	12002.6	12428.9	12460.9	12375.6	11917.3
15°	7621.5	7674.8	7866.7	8442.3	*9273.7*	9732.1	11629.5	12759.4	13015.2	12929.9	12343.7
17.5°	7205.8	7237.8	7323.1	7653.5	*8122.5*	8495.6	10616.8	12972.6	13686.8	13580.2	12823.3
20°	7141.8	7163.2	7269.8	7546.9	*7866.7*	8079.9	9582.9	12802.0	14315.7	14273.0	13260.4
22.5°	7152.5	7173.8	7312.4	7696.1	*8026.6*	8207.8	9252.4	12407.6	14976.5	15019.2	13708.1
25°	7173.8	7184.5	7397.7	7909.3	*8325.0*	8548.9	9465.6	12055.9	15530.8	15893.3	14198.4
27.5°	7291.1	7323.1	7610.9	8186.5	*8676.8*	8932.6	9966.6	12173.1	16138.4	16884.6	14784.7
30°	7610.9	7632.2	7983.9	8580.9	*9113.8*	9380.3	10563.5	12642.1	16884.6	17907.9	15360.3
32.5°	8111.9	8133.2	8538.2	9156.5	*9732.1*	10051.9	11341.7	13537.5	17716.0	18984.5	15935.9
35°	8804.7	8815.4	9273.7	9934.6	*10542.2*	10904.6	12247.7	14550.2	18579.4	19901.2	16362.3
37.5°	9625.5	9700.1	10169.1	10862.0	*11576.2*	11906.6	13313.7	15733.4	19346.9	20679.4	16607.4
40°	10755.4	10776.7	11235.1	11906.6	*12663.4*	12983.2	14379.6	16852.6	20189.0	21137.7	16831.3
42.5°	11917.3	12098.5	12482.2	13228.4	*13793.3*	14049.2	15594.8	17875.9	20860.6	21159.0	16735.4
45°	13473.6	13612.1	13995.9	14656.8	*15221.7*	15520.2	16905.9	18814.0	21201.7	20977.8	16522.2
47.5°	15253.7	15339.0	15648.1	16245.0	*16873.9*	17087.1	18270.3	19346.9	21329.6	20849.9	16426.2
50°	17353.6	17353.6	17577.5	18089.1	*18664.7*	18963.2	19528.1	19666.7	21702.7	20626.1	16671.4
52.5°	19123.1	19208.4	19506.8	20231.7	*20807.3*	21148.4	20508.8	20157.0	20945.8	19378.9	16746.0
55°	20817.9	20913.9	21585.4	22491.5	*23472.1*	23845.2	21734.6	19911.9	18398.2	17556.1	16234.4
57.5°	22438.2	22640.7	23482.8	25252.3	*26733.9*	26702.0	23290.9	17716.0	15019.2	15541.5	15115.1
60°	24698.0	24911.2	26254.3	28482.1	*30294.2*	29537.4	23312.2	14742.0	11704.1	12407.6	13015.2
62.5°	26584.7	26947.1	28919.1	32628.6	*34291.5*	33108.3	21382.9	11288.4	7770.7	8655.5	10062.5
65°	26414.2	26893.8	29953.1	35677.2	*38160.9*	37063.0	18558.1	7141.8	4008.0	5916.0	7045.9
67°	*24090.4*	*24612.7*	*28578.0*	*35783.8*	*39546.6*	*37201.5*	*15669.4*	*4317.1*	*2547.6*	*4103.9*	*4892.7*
67.5°	22758.0	23525.4	27895.8	35581.3	*39290.8*	36615.3	14369.0	3613.6	2398.4	3816.1	4455.7
70°	13995.9	15232.4	20935.2	31456.1	*35218.9*	30646.0	7983.9	2046.6	1950.7	2558.3	3080.6
72.5°	4210.5	4583.6	8079.9	20178.4	*25849.2*	22715.3	3592.2	1577.6	1748.2	2057.3	2377.1
75°	2046.6	2185.2	3336.4	8250.4	*12588.8*	12524.9	2004.0	1353.8	1620.2	1726.8	1876.1
77.5°	1311.1	1396.4	2078.6	4615.5	*5766.8*	5137.9	1449.7	1183.2	1439.0	1417.7	1396.4
80°	820.8	863.4	1332.4	2675.5	*4253.1*	3549.6	1065.9	970.0	1236.5	1097.9	991.3
82.5°	533.0	586.3	852.8	1630.9	*3037.9*	2643.5	703.5	692.9	1023.3	874.1	767.5
85°	351.8	394.4	543.6	959.4	*1801.4*	1886.7	458.4	479.7	788.8	660.9	586.3
87.5°	127.9	159.9	277.1	426.4	*842.1*	1044.6	191.9	181.2	383.7	309.1	245.2
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: P1457336
CATALOG NUMBER: GLAN-SB9B-850-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10968.6	10968.6	10968.6	10968.6	10968.6	10968.6	10968.6	10968.6	10968.6	10968.6	10968.6
2.5°	11000.6	10968.6	10819.4	10691.4	10595.5	10467.6	10329.0	10169.1	10062.5	10083.9	10051.9
5°	11053.9	10968.6	10680.8	10243.7	9817.4	9284.4	8602.2	8197.1	7888.0	7728.1	7770.7
7.5°	11171.1	11021.9	10414.3	9529.6	8421.0	7333.7	6662.2	6278.4	6097.2	6022.6	6011.9
10°	11373.6	11117.8	10073.2	8421.0	6971.3	6235.8	5990.6	5884.0	5862.7	5862.7	5852.0
12.5°	11618.8	11213.8	9497.6	7344.4	6278.4	6011.9	5969.3	5980.0	6011.9	6043.9	5990.6
15°	11917.3	11256.4	8783.4	6694.1	6139.9	6075.9	6139.9	6214.5	6267.8	6310.4	6257.1
17.5°	12215.7	11213.8	8111.9	6385.0	6161.2	6246.4	6374.4	6491.6	6523.6	6587.5	6544.9
20°	12428.9	11064.5	7536.2	6267.8	6214.5	6406.3	6566.2	6694.1	6758.1	6800.7	6758.1
22.5°	12588.8	10872.7	7120.5	6150.5	6214.5	6449.0	6640.8	6790.1	6864.7	6907.3	6854.0
25°	12727.4	10606.2	6800.7	5980.0	6086.6	6310.4	6523.6	6672.8	6779.4	6843.4	6811.4
27.5°	12898.0	10393.0	6502.3	5724.1	5820.1	6033.3	6257.1	6438.3	6640.8	6747.4	6726.1
30°	13089.8	10286.4	6214.5	5447.0	5510.9	5724.1	5990.6	6235.8	6512.9	6651.5	6651.5
32.5°	13313.7	10211.8	5948.0	5180.5	5233.8	5468.3	5724.1	5948.0	6246.4	6470.3	6459.6
35°	13409.6	10126.5	5734.8	4935.3	5041.9	5233.8	5436.3	5585.6	5894.7	6161.2	6182.5
37.5°	13505.5	10094.5	5628.2	4743.5	4828.7	4978.0	5084.6	5159.2	5447.0	5724.1	5734.8
40°	13622.8	10243.7	5702.8	4615.5	4540.9	4690.2	4743.5	4786.1	4935.3	5116.5	5116.5
42.5°	13548.2	10350.3	5873.4	4498.3	4189.2	4359.7	4381.0	4370.4	4381.0	4391.7	4381.0
45°	13356.3	10243.7	5873.4	4317.1	3816.1	3997.3	3986.6	3933.3	3848.1	3624.2	3592.2
47.5°	13313.7	10179.8	5649.5	4018.6	3443.0	3592.2	3613.6	3507.0	3261.8	3027.3	2952.7
50°	13494.9	10297.0	5297.8	3656.2	3123.2	3251.1	3304.4	3123.2	2846.1	2600.9	2558.3
52.5°	13761.4	10446.3	4786.1	3261.8	2856.7	2984.7	3048.6	2846.1	2558.3	2366.4	2345.1
55°	13729.4	10446.3	4210.5	2899.4	2654.2	2750.1	2856.7	2643.5	2419.7	2313.1	2302.4
57.5°	13036.5	10051.9	3784.1	2643.5	2462.3	2547.6	2686.2	2483.7	2270.5	2291.8	2323.8
60°	11682.8	9028.6	3464.3	2473.0	2291.8	2377.1	2526.3	2291.8	2014.6	1940.0	1940.0
62.5°	9625.5	7440.3	3208.5	2302.4	2131.9	2238.5	2313.1	2004.0	1822.8	1737.5	1737.5
65°	7216.5	5756.1	2942.0	2163.9	1993.3	2110.6	2025.3	1876.1	1694.9	1630.9	1641.6
67°	*5351.1*	*4466.3*	*2718.2*	*2046.6*	*1908.0*	*1961.3*	*1897.4*	*1790.8*	*1609.6*	*1556.3*	*1609.6*
67.5°	4807.4	4242.5	2664.9	2014.6	1886.7	1929.4	1865.4	1780.1	1588.3	1535.0	1588.3
70°	3304.4	3261.8	2377.1	1865.4	1769.5	1726.8	1758.8	1652.2	1492.3	1471.0	1524.3
72.5°	2515.6	2600.9	2131.9	1737.5	1641.6	1588.3	1662.9	1556.3	1396.4	1428.4	1481.7
75°	1972.0	2099.9	1908.0	1556.3	1492.3	1503.0	1652.2	1609.6	1481.7	1513.6	1524.3
77.5°	1460.3	1694.9	1630.9	1353.8	1300.5	1449.7	1865.4	1993.3	1769.5	1716.2	1641.6
80°	1065.9	1215.2	1375.1	1119.2	1087.3	1396.4	2302.4	2547.6	2185.2	1972.0	1918.7
82.5°	788.8	852.8	1129.9	895.4	788.8	1247.2	2558.3	2995.3	2600.9	2195.8	2131.9
85°	565.0	660.9	895.4	660.9	522.3	1023.3	2505.0	2931.4	2579.6	2078.6	2025.3
87.5°	202.5	287.8	383.7	298.5	266.5	703.5	2067.9	2110.6	1609.6	735.5	746.2
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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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

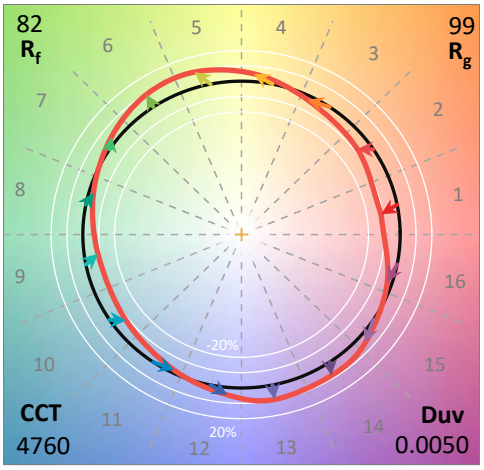
Test Information

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



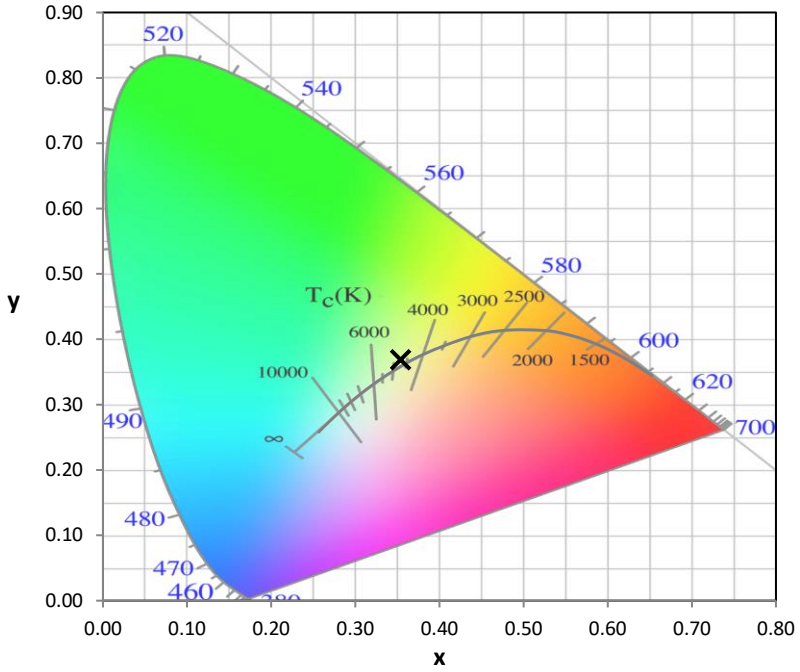
Test Conditions

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

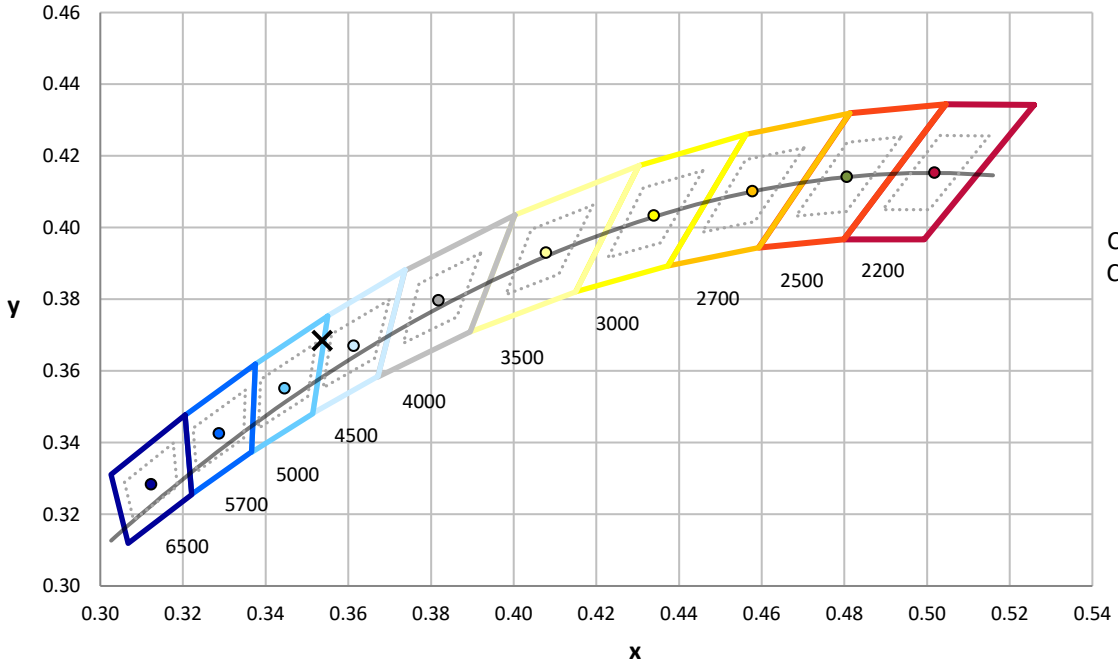
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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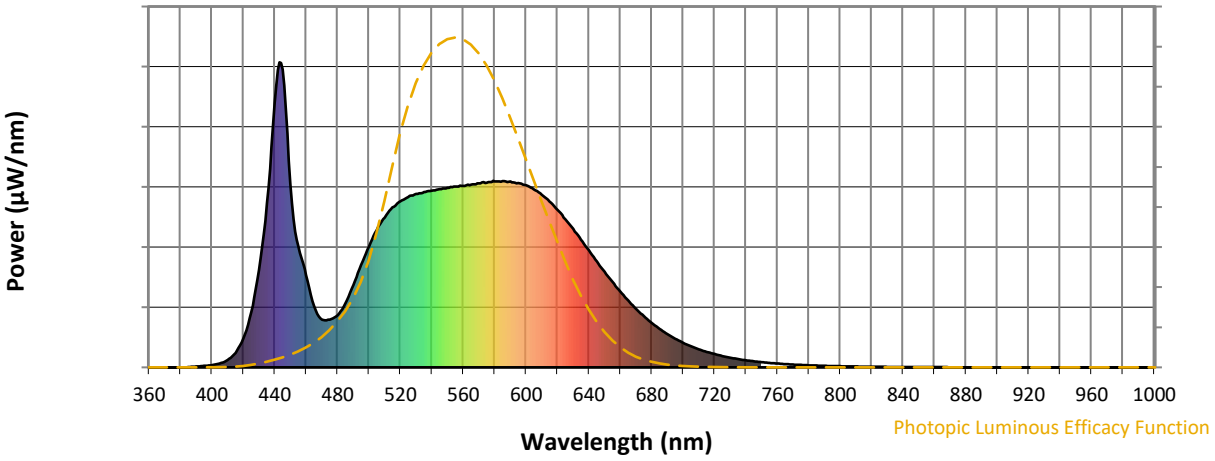
Photopic Flux vs. Wavelength



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	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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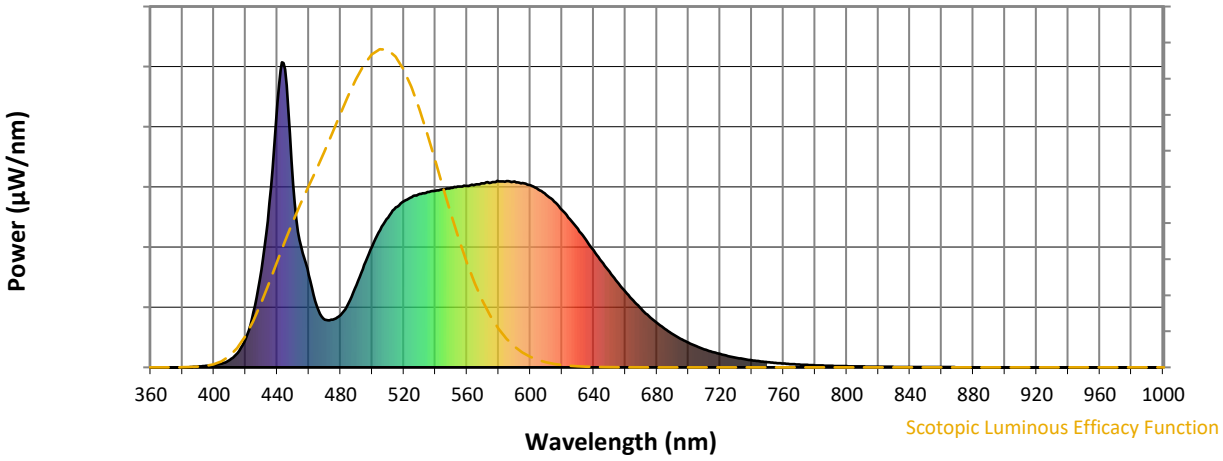
Scotopic Flux vs. Wavelength



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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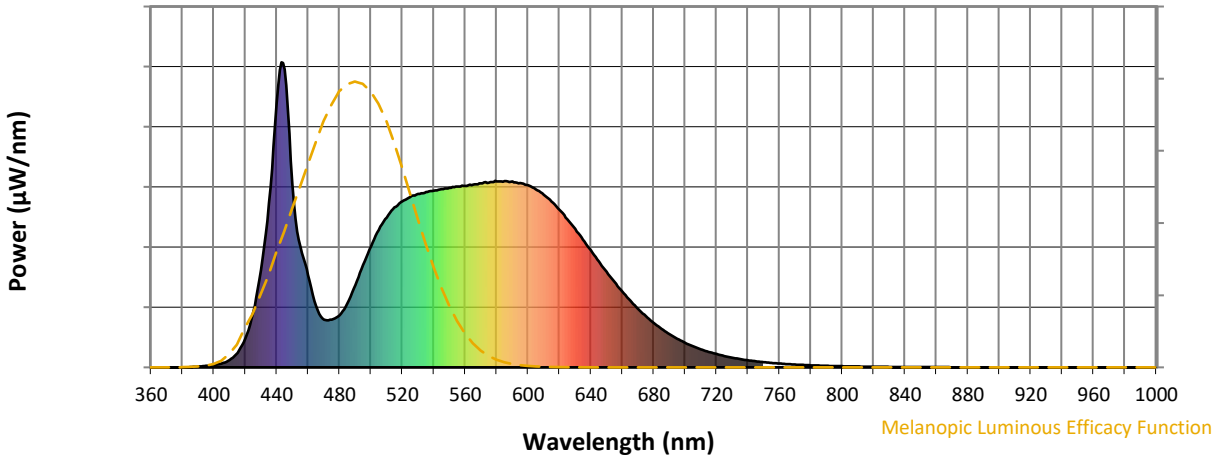
Melanopic Flux vs. Wavelength



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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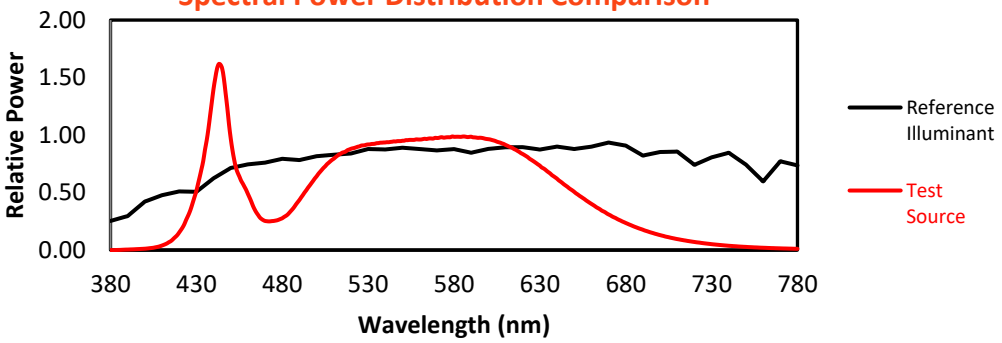
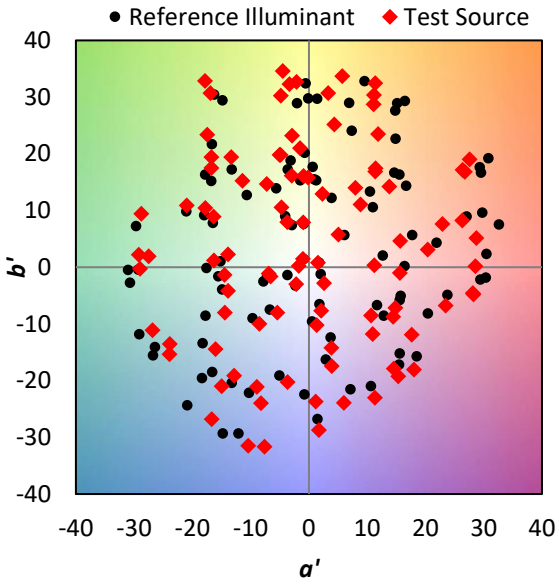
Summary

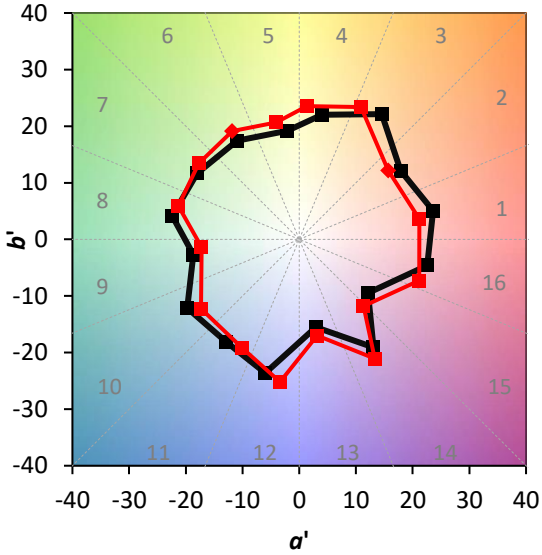
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

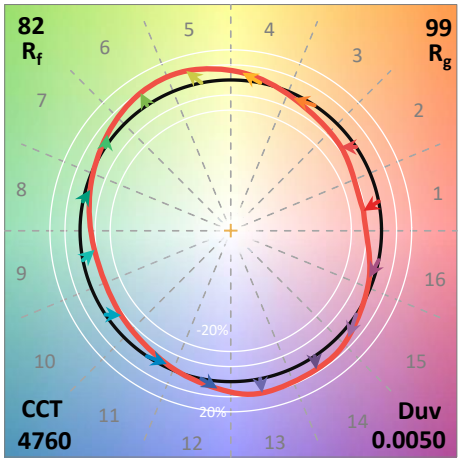
Spectral Power Distribution Comparison

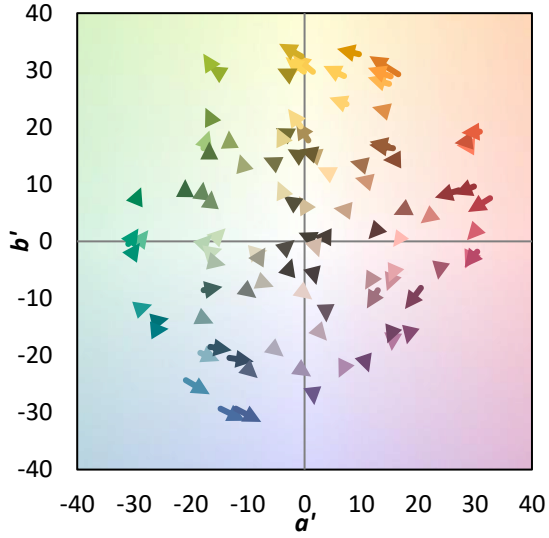


Color Vector Graphics









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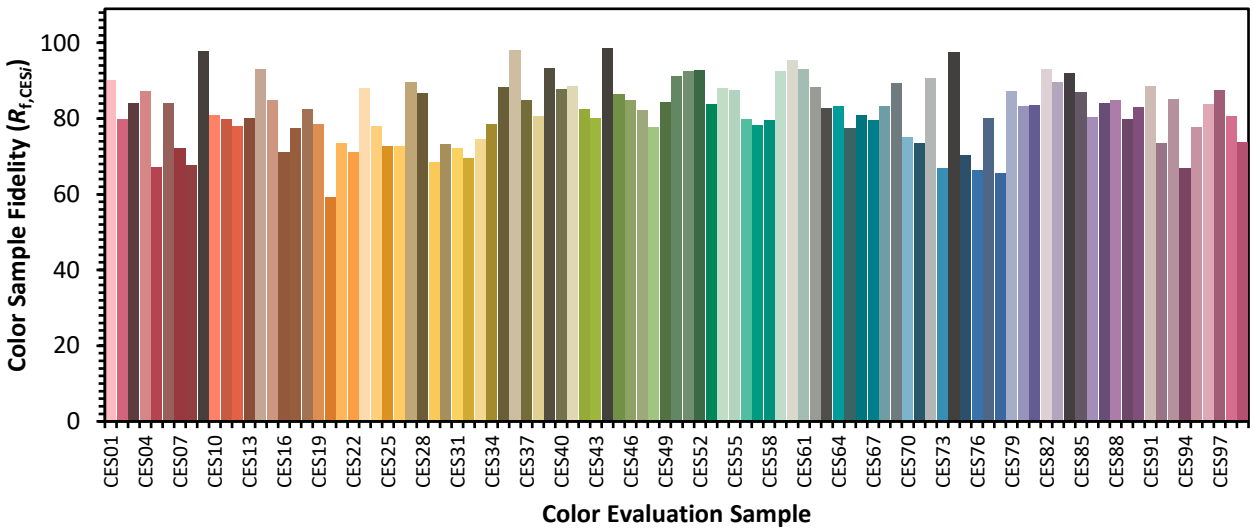
Individual Sample Fidelity Index ($R_{f,i}$)

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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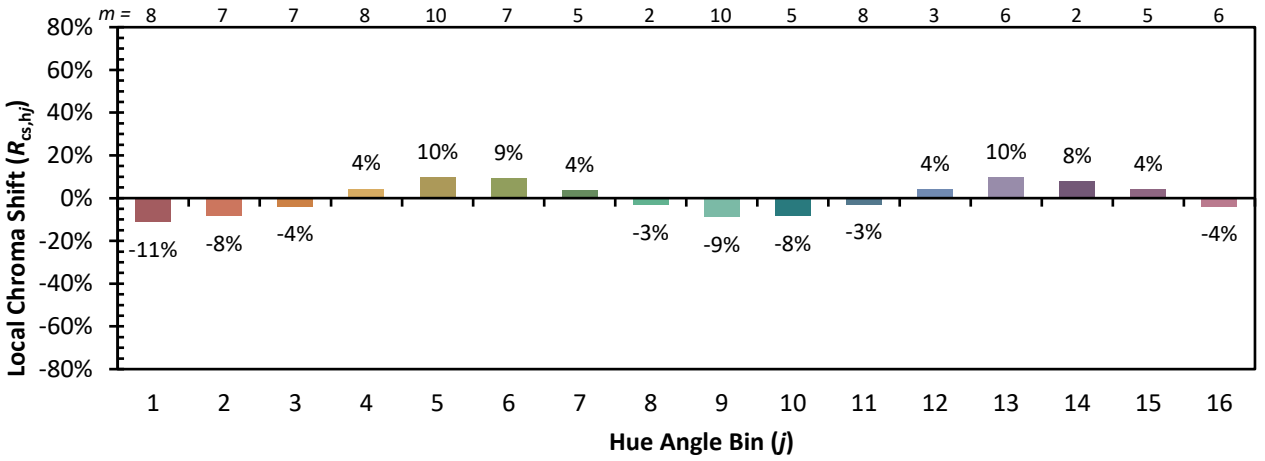
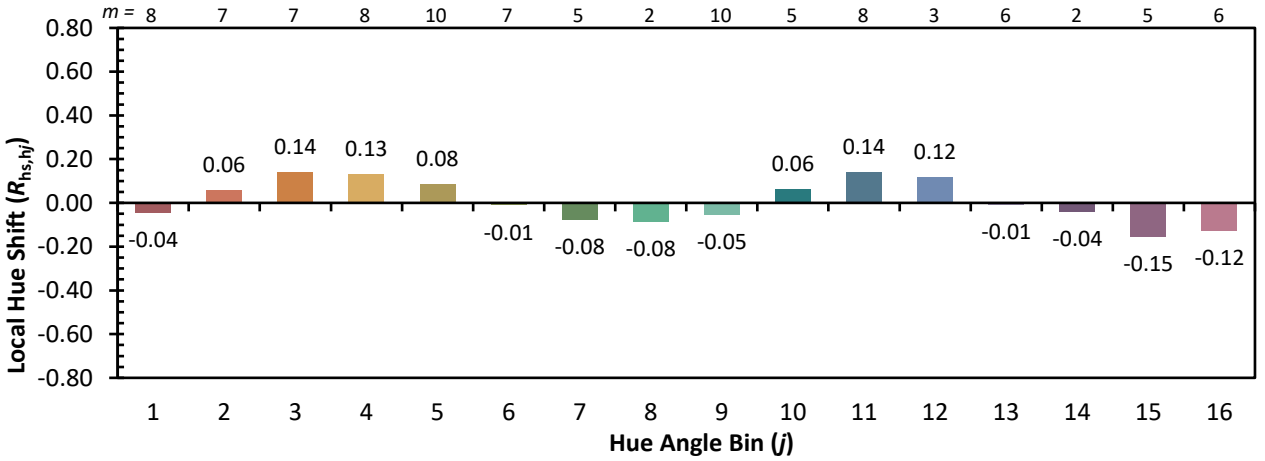
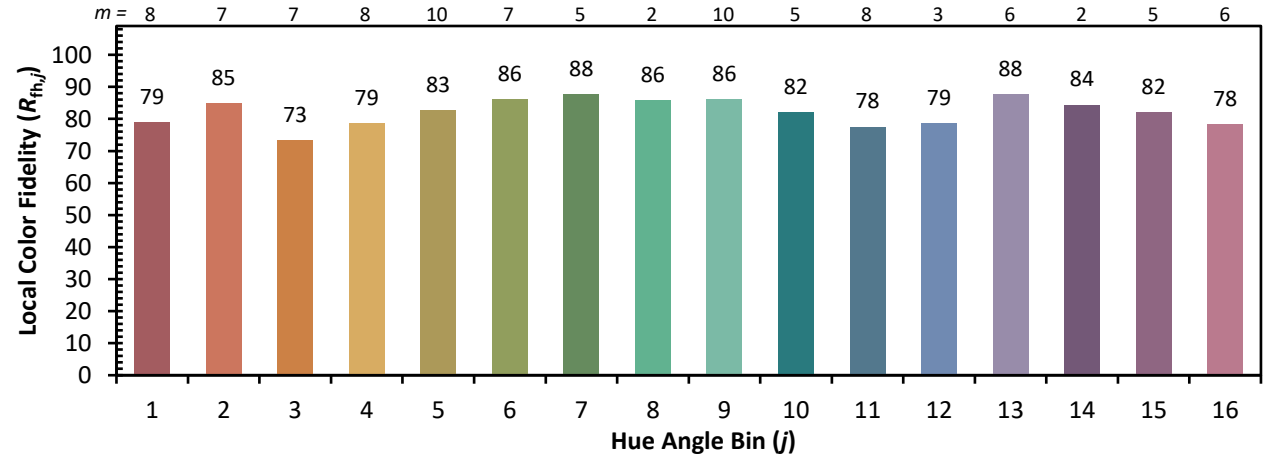
Color Rendition by Hue-Angle Bin







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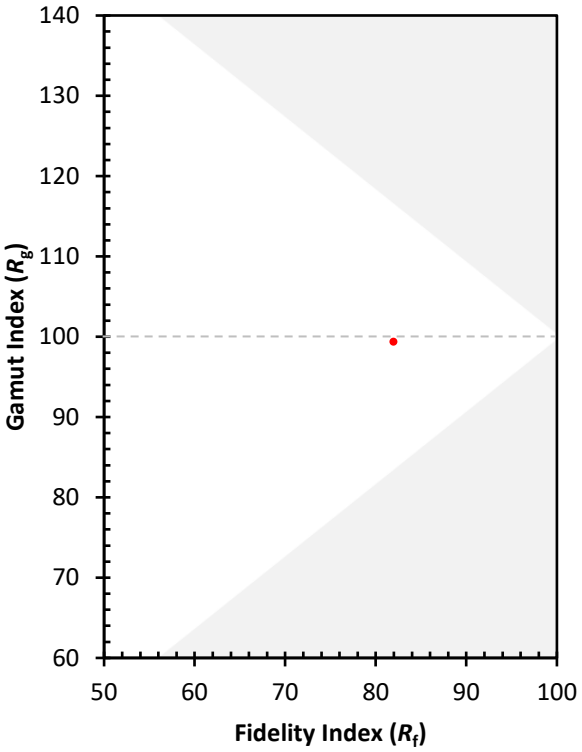
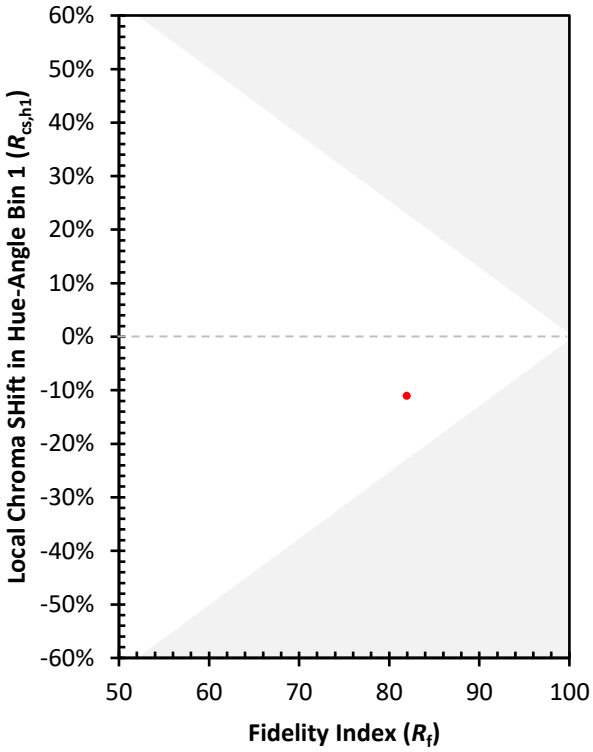
Measure Comparisons





(END OF REPORT)