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: P1458650

Luminaire Tested: GLAN-SB4D-740-U-T4LG-HSS

Issue Date: 05/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1458650
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-740-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31287.6 lumens
Efficiency:	N/A
Efficacy:	106.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	293.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1458650
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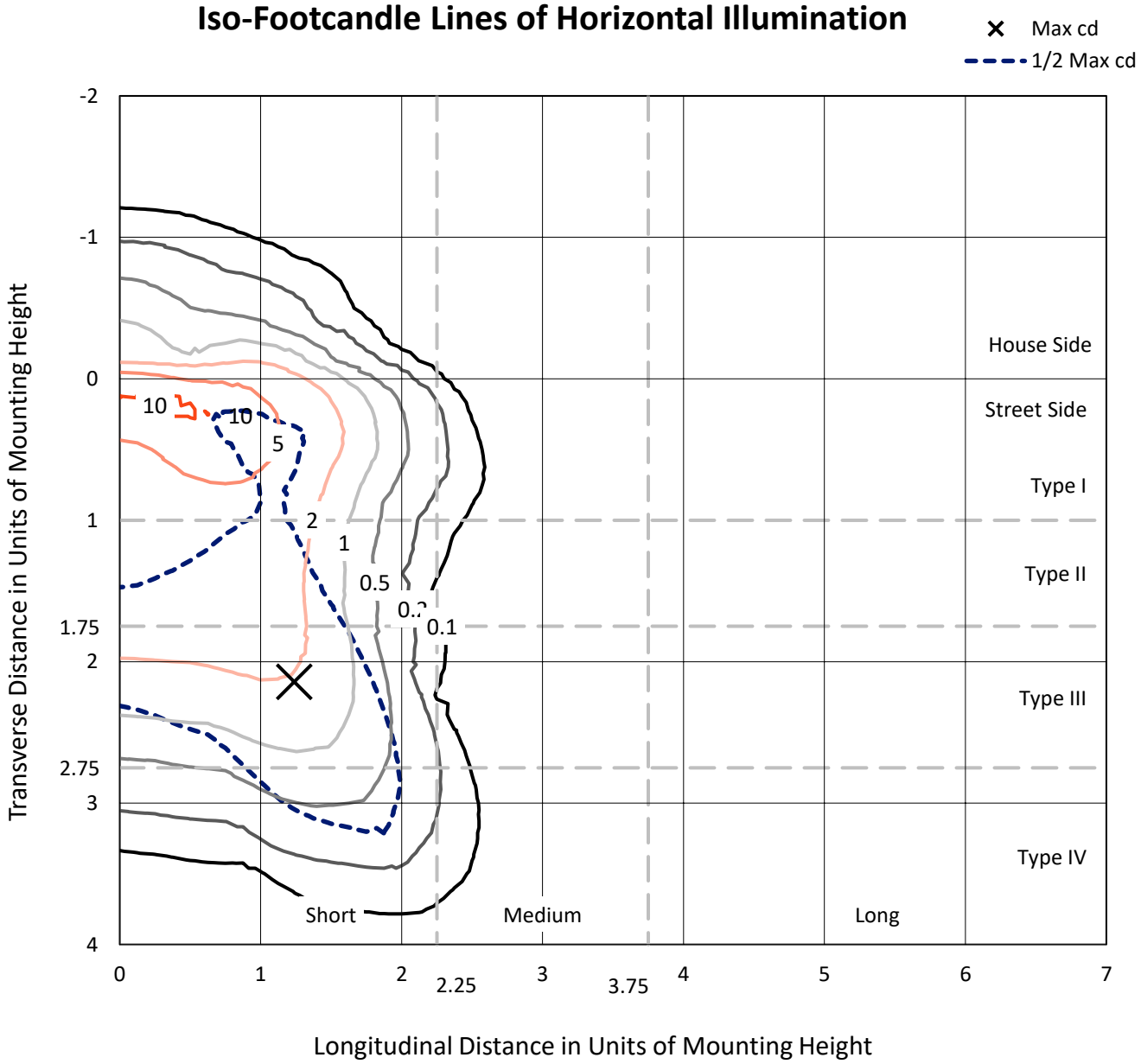
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 10.5 fc
Type IV - Short - N/A

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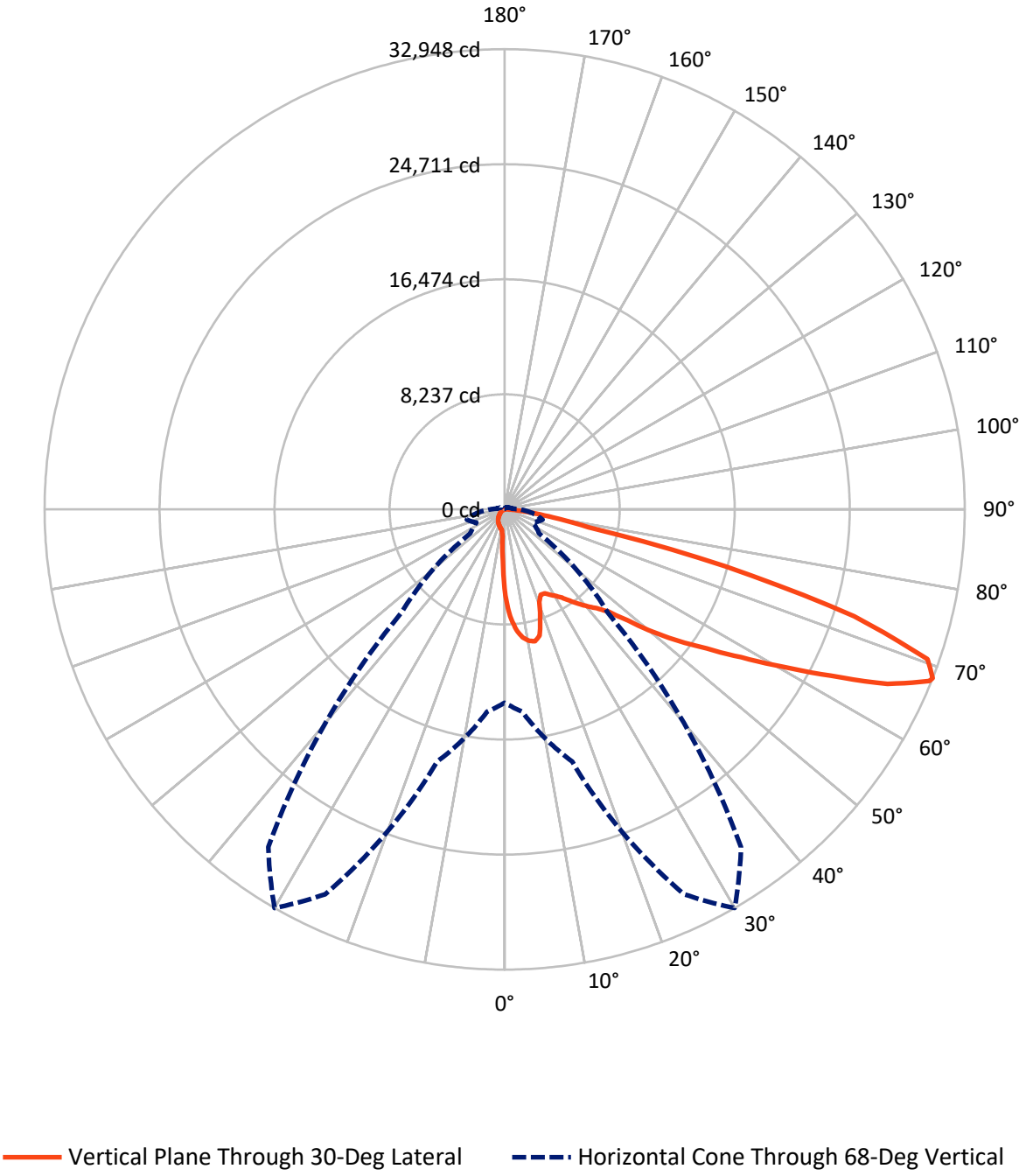
Luminous Intensity Polar Plot



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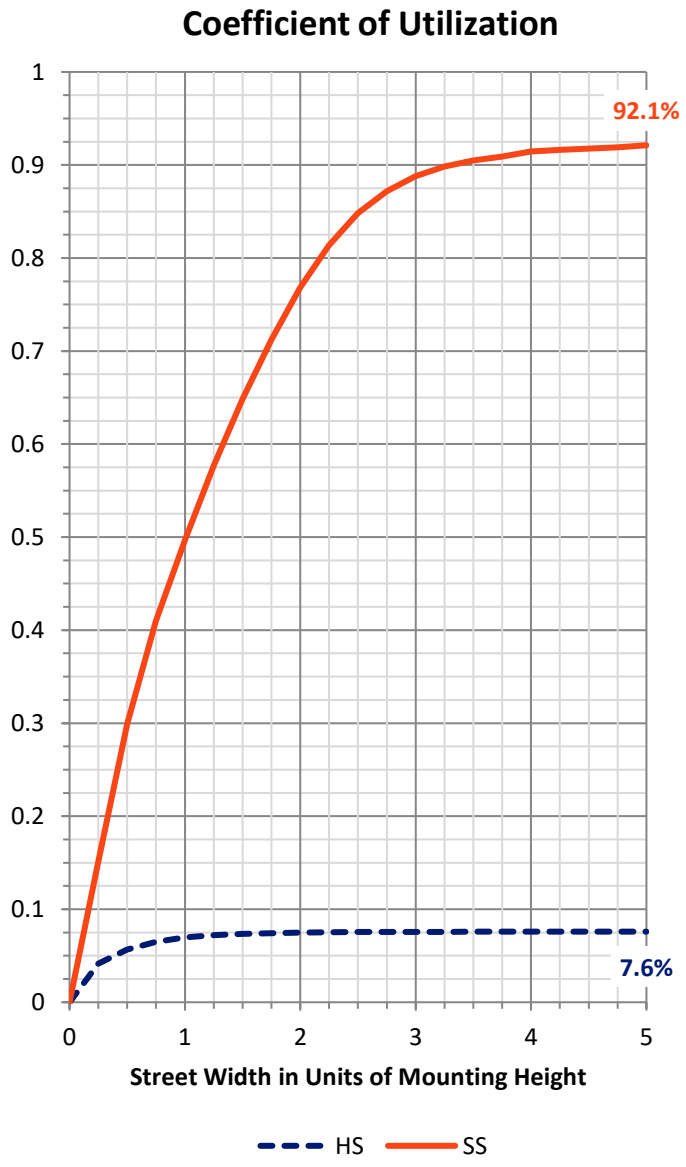
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2388.1	0.0	2388.1
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	28899.5	0.0	28899.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	31287.6	0.0	31287.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	532.4	1.7
10°-20°	1519.9	4.9
20°-30°	2388.4	7.6
30°-40°	3746.0	12.0
40°-50°	5599.2	17.9
50°-60°	7448.7	23.8
60°-70°	7200.6	23.0
70°-80°	2588.3	8.3
80°-90°	264.1	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	31287.6	100.0
0°-180°	31287.6	100.0



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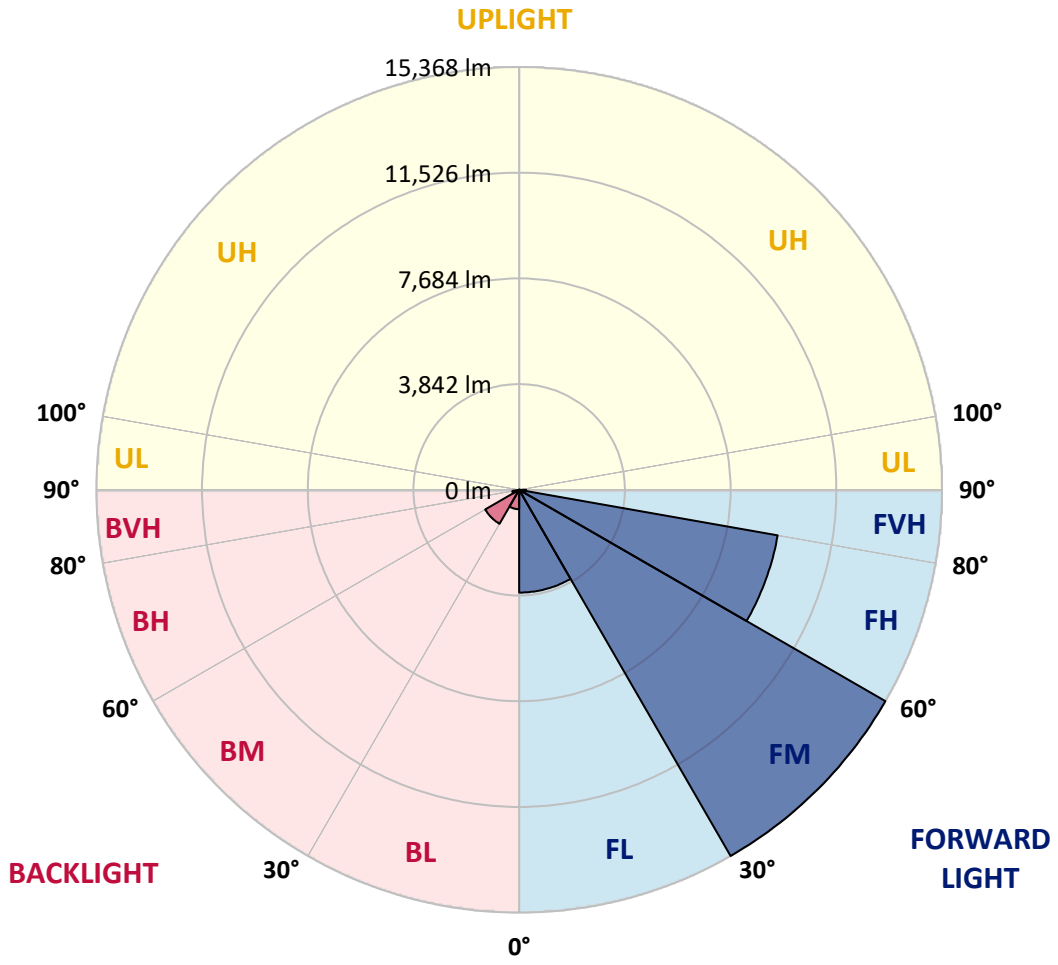
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3735.7	11.9			
FM	(30°-60°)	15368.5	49.1			
FH	(60°-80°)	9540.6	30.5			G4/12000
FVH	(80°-90°)	254.8	0.8			G3/500
BL	(0°-30°)	704.9	2.3	B2/1000		
BM	(30°-60°)	1425.4	4.6	B2/2500		
BH	(60°-80°)	248.4	0.8	B1/500		G1/500
BVH	(80°-90°)	9.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5
2.5°	7885.4	7885.4	7829.1	7754.1	7669.7	7641.6	7482.2	7257.2	7022.8	6750.9	6357.1
5°	8898.0	8888.6	8776.1	8776.1	8663.6	8560.5	8401.1	8072.9	7697.9	7210.3	6525.8
7.5°	9348.1	9366.8	9319.9	9319.9	9254.3	9179.3	9085.5	8766.7	8326.1	7669.7	6694.6
10°	9507.5	9516.8	9516.8	9582.5	9563.7	9554.3	9545.0	9366.8	8907.4	8138.5	6872.8
12.5°	9123.0	9169.9	9301.2	9591.9	9685.6	9788.8	9929.4	9873.1	9554.3	8729.2	7144.7
15°	7885.4	7894.8	8260.4	8982.4	9366.8	9760.6	10304.4	10417.0	10210.7	9366.8	7426.0
17.5°	6507.1	6535.2	6825.9	7632.2	8251.1	9160.5	10520.1	10979.5	10904.5	9995.0	7688.5
20°	5935.1	5972.6	6113.3	6619.6	7088.4	7932.3	10304.4	11514.0	11542.1	10623.2	7932.3
22.5°	5803.9	5832.0	5944.5	6338.3	6629.0	7191.5	9573.1	11935.9	12264.1	11345.2	8222.9
25°	5766.4	5794.5	5963.3	6394.6	6666.5	7135.3	8907.4	12160.9	13117.3	12095.3	8504.2
27.5°	5738.2	5775.7	6047.6	6600.8	6919.6	7369.7	8785.5	12207.8	13933.0	12892.3	8963.6
30°	5775.7	5832.0	6188.3	6816.5	7182.2	7688.5	9076.2	12254.7	14833.2	13801.8	9545.0
32.5°	5925.8	5972.6	6403.9	7107.2	7529.1	8101.0	9573.1	12536.0	15686.4	14730.0	10098.2
35°	6094.5	6160.2	6675.9	7519.7	8026.0	8673.0	10248.2	13089.2	16502.1	15611.4	10670.1
37.5°	6300.8	6375.8	6994.6	7988.5	8569.8	9301.2	10979.5	13858.0	17224.1	16333.3	11242.1
40°	6582.1	6666.5	7360.3	8485.5	9113.7	9845.0	11701.5	14617.5	17777.3	16764.6	11617.1
42.5°	7688.5	7801.0	8091.7	8973.0	9676.2	10426.3	12414.1	15339.5	17983.6	16905.3	11692.1
45°	9751.2	9863.8	9788.8	9957.5	10426.3	11129.6	13192.3	16033.3	18011.7	16867.8	11654.6
47.5°	11823.4	11954.7	11889.0	11795.3	11898.4	12235.9	14064.3	16474.0	17861.7	16849.0	11654.6
50°	13801.8	13726.8	13736.1	13708.0	13801.8	13979.9	14908.2	16558.4	17824.2	17027.2	11757.8
52.5°	14861.3	14898.8	15133.2	15480.1	15686.4	15864.5	15873.9	16689.6	17552.2	16727.1	11635.9
55°	15902.0	15977.0	16520.9	17111.6	17571.0	17908.5	16839.7	16605.3	15930.2	15723.9	10998.3
57.5°	17074.1	17177.2	17946.0	19165.0	19971.3	20149.5	17796.0	15030.1	13483.0	14289.3	9760.6
60°	18686.8	18808.7	19830.7	21659.0	22859.2	22493.5	17871.0	12526.6	10707.6	11860.9	8054.2
62.5°	19952.6	20196.3	22043.4	24893.8	26215.9	25053.2	16474.0	9601.2	7482.2	8335.4	5878.9
65°	18602.4	19071.2	22081.0	28597.4	30125.7	28063.0	14280.0	6554.0	4219.3	5391.3	3759.9
67.5°	15039.4	15695.8	19605.6	30397.6	32807.3	29647.5	11242.1	3478.6	2419.1	3131.7	1978.4
68°	13839.3	14551.9	18696.1	30397.6	32948.0	29506.9	10435.7	3009.8	2231.5	2812.9	1715.8
70°	9563.7	10070.0	14373.7	28691.2	32122.9	26900.3	6872.8	1725.2	1678.3	1931.5	1134.5
72.5°	4688.1	5231.9	7688.5	22737.3	26169.0	20674.5	3131.7	1143.9	1275.2	1415.8	890.7
75°	1865.9	1978.4	3028.5	11213.9	16352.1	13192.3	1640.8	862.6	1097.0	1106.4	703.2
77.5°	1068.9	1134.5	1678.3	4125.5	6132.0	5897.6	1059.5	618.8	872.0	797.0	459.4
80°	600.1	609.5	947.0	2175.3	3506.7	3141.0	722.0	450.1	665.7	562.6	309.4
82.5°	300.0	337.5	600.1	1200.2	1950.2	1997.1	384.4	318.8	534.4	403.2	253.2
85°	215.7	234.4	431.3	665.7	900.1	1350.2	234.4	159.4	403.2	271.9	178.1
87.5°	112.5	140.6	271.9	328.2	365.7	459.4	112.5	75.0	225.0	159.4	93.8
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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CATALOG NUMBER: GLAN-SB4D-740-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5	6169.5
2.5°	6169.5	5953.9	5513.2	4997.5	4594.3	4181.8	3844.2	3525.5	3375.4	3356.7	3394.2
5°	6141.4	5672.6	4669.3	3684.8	2878.5	2315.9	2006.5	1847.1	1762.7	1725.2	1734.6
7.5°	6085.2	5372.6	3769.2	2494.1	1865.9	1622.1	1547.1	1518.9	1509.6	1509.6	1509.6
10°	6028.9	4969.4	2887.9	1828.4	1528.3	1462.7	1443.9	1443.9	1434.6	1434.6	1443.9
12.5°	6000.8	4594.3	2240.9	1528.3	1425.2	1397.1	1378.3	1368.9	1368.9	1368.9	1378.3
15°	5935.1	4181.8	1809.6	1415.8	1359.5	1322.0	1312.7	1303.3	1303.3	1303.3	1303.3
17.5°	5878.9	3778.6	1575.2	1340.8	1293.9	1256.4	1247.0	1237.7	1237.7	1247.0	1247.0
20°	5794.5	3394.2	1415.8	1265.8	1228.3	1190.8	1181.4	1172.0	1181.4	1181.4	1181.4
22.5°	5691.4	3075.4	1322.0	1209.5	1162.6	1125.1	1125.1	1125.1	1125.1	1125.1	1134.5
25°	5625.7	2850.4	1256.4	1143.9	1097.0	1068.9	1059.5	1059.5	1078.3	1078.3	1087.6
27.5°	5728.9	2794.1	1265.8	1125.1	1040.8	1012.6	1003.3	1003.3	1022.0	1031.4	1040.8
30°	6038.3	2897.2	1378.3	1181.4	1003.3	956.4	947.0	947.0	975.1	984.5	993.9
32.5°	6394.6	3112.9	1547.1	1256.4	975.1	900.1	881.4	881.4	909.5	918.9	928.2
35°	6882.1	3450.4	1772.1	1322.0	993.9	843.9	806.4	806.4	825.1	843.9	853.2
37.5°	7510.3	4003.6	2034.6	1368.9	993.9	778.2	731.3	722.0	740.7	740.7	750.1
40°	8166.7	4725.6	2306.5	1368.9	947.0	712.6	665.7	637.6	647.0	637.6	647.0
42.5°	8532.3	5306.9	2541.0	1284.5	890.7	647.0	600.1	562.6	553.2	534.4	543.8
45°	8738.6	5569.5	2475.3	1190.8	834.5	600.1	543.8	496.9	478.2	450.1	450.1
47.5°	8738.6	5597.6	2119.0	1115.8	778.2	562.6	487.6	440.7	412.6	384.4	393.8
50°	8635.5	5344.4	1678.3	1040.8	712.6	525.1	440.7	403.2	365.7	346.9	346.9
52.5°	8204.2	4519.3	1284.5	947.0	637.6	478.2	393.8	356.3	318.8	309.4	309.4
55°	7463.5	3319.2	1040.8	853.2	571.9	440.7	356.3	328.2	290.7	271.9	271.9
57.5°	6066.4	2269.0	862.6	768.8	506.3	393.8	318.8	290.7	243.8	225.0	225.0
60°	4500.6	1481.4	731.3	675.1	431.3	356.3	281.3	243.8	206.3	187.5	178.1
62.5°	3037.9	1003.3	609.5	534.4	365.7	309.4	243.8	206.3	159.4	121.9	121.9
65°	1894.0	778.2	506.3	421.9	318.8	271.9	206.3	159.4	112.5	84.4	75.0
67.5°	1087.6	628.2	412.6	328.2	271.9	215.7	159.4	131.3	93.8	65.6	56.3
68°	*1003.3*	*600.1*	*384.4*	*309.4*	*253.2*	*206.3*	*150.0*	*121.9*	*84.4*	*56.3*	*56.3*
70°	815.7	534.4	328.2	253.2	215.7	168.8	131.3	103.1	65.6	37.5	37.5
72.5°	722.0	450.1	281.3	196.9	150.0	140.6	103.1	75.0	46.9	28.1	18.8
75°	590.7	356.3	225.0	150.0	103.1	103.1	75.0	46.9	18.8	0.0	0.0
77.5°	384.4	262.5	178.1	93.8	56.3	65.6	46.9	18.8	0.0	0.0	0.0
80°	253.2	196.9	121.9	46.9	28.1	28.1	9.4	0.0	0.0	0.0	0.0
82.5°	178.1	131.3	75.0	18.8	9.4	9.4	0.0	0.0	0.0	0.0	0.0
85°	112.5	56.3	28.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	46.9	18.8	9.4	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

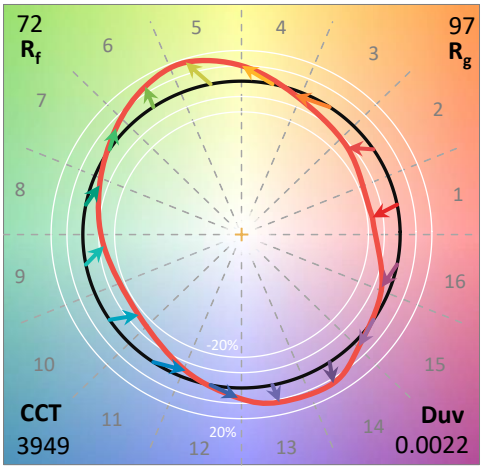
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



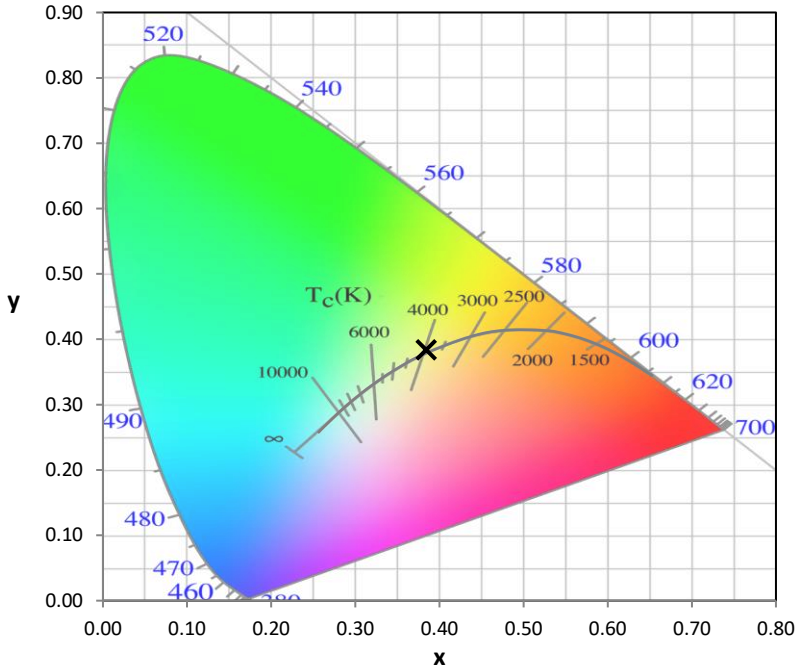
Test Conditions

Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

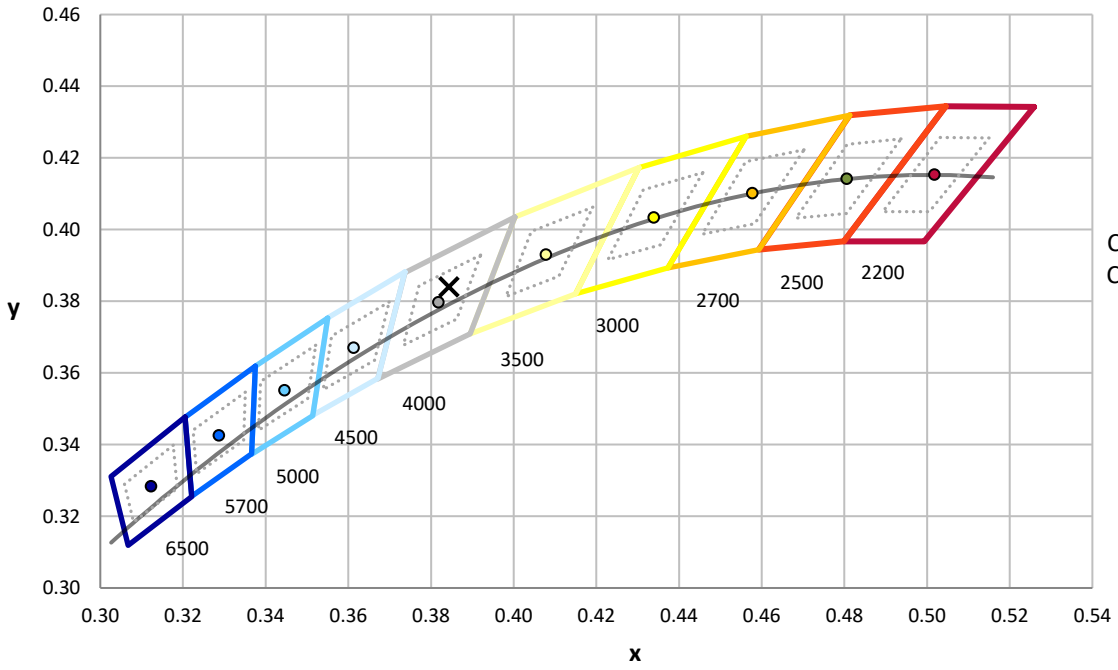
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

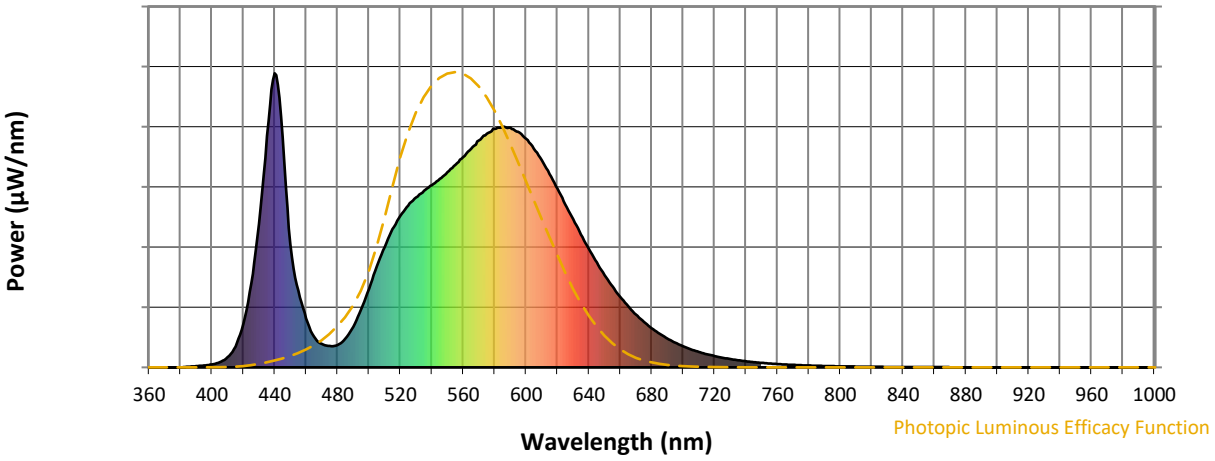


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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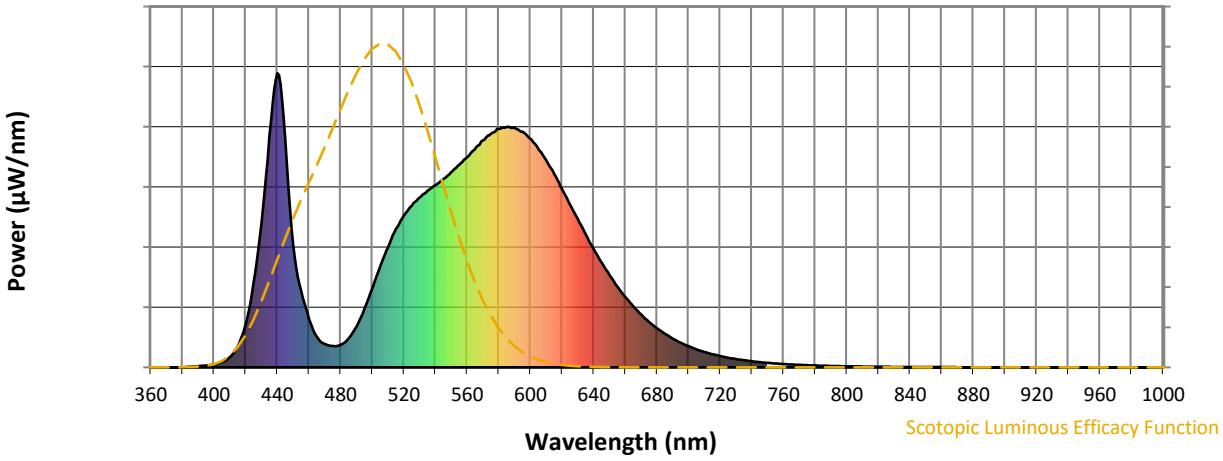
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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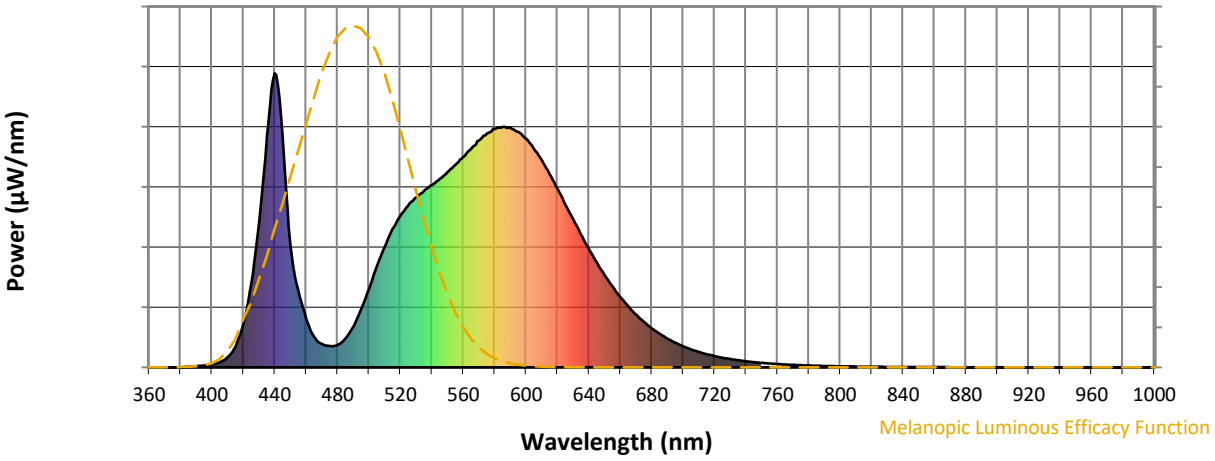
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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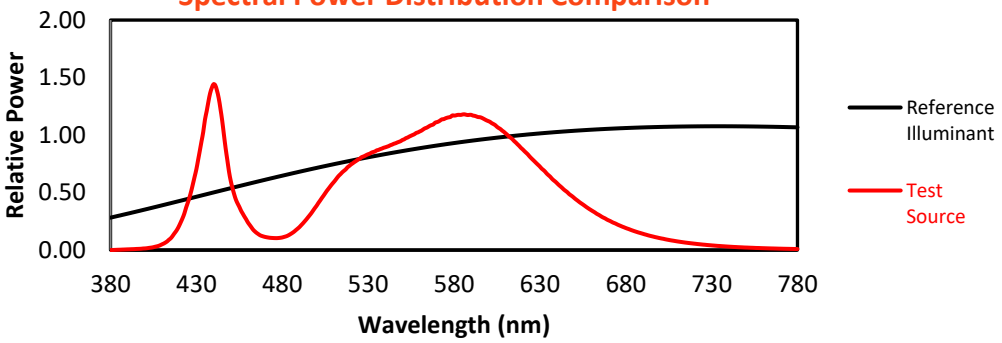
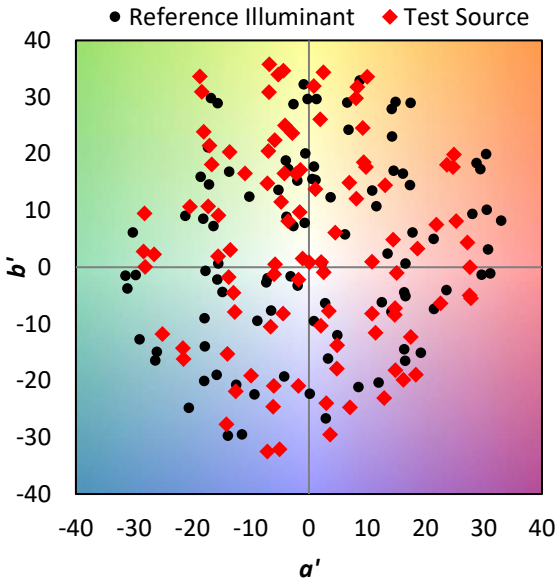
Summary

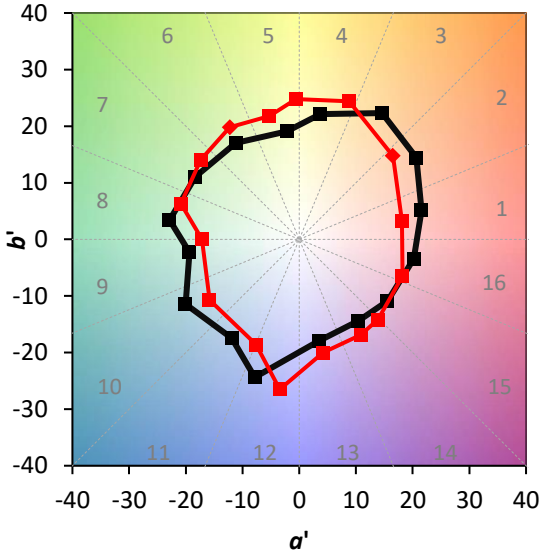
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

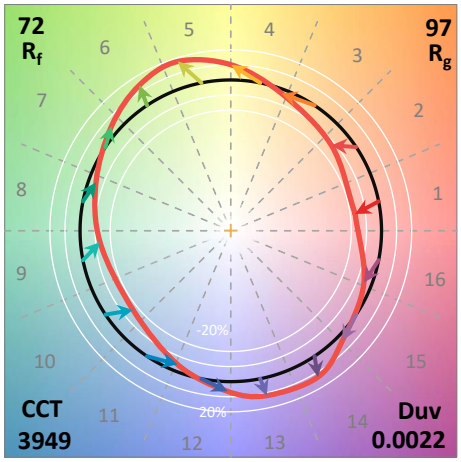
Spectral Power Distribution Comparison

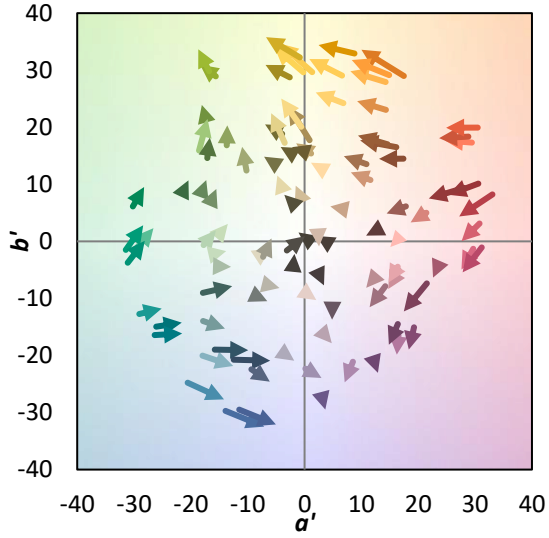


Color Vector Graphics









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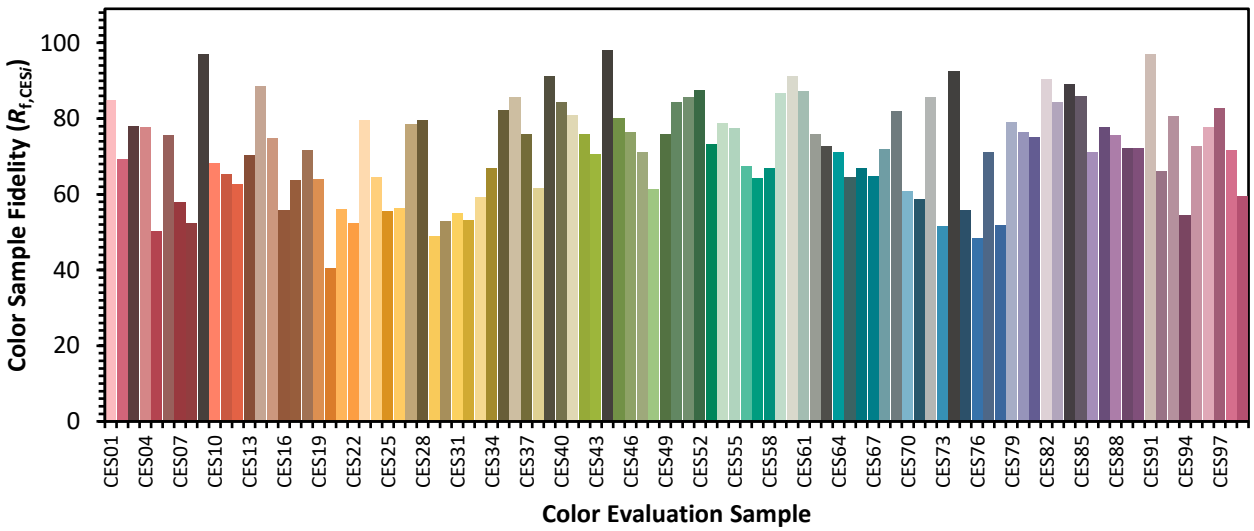
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



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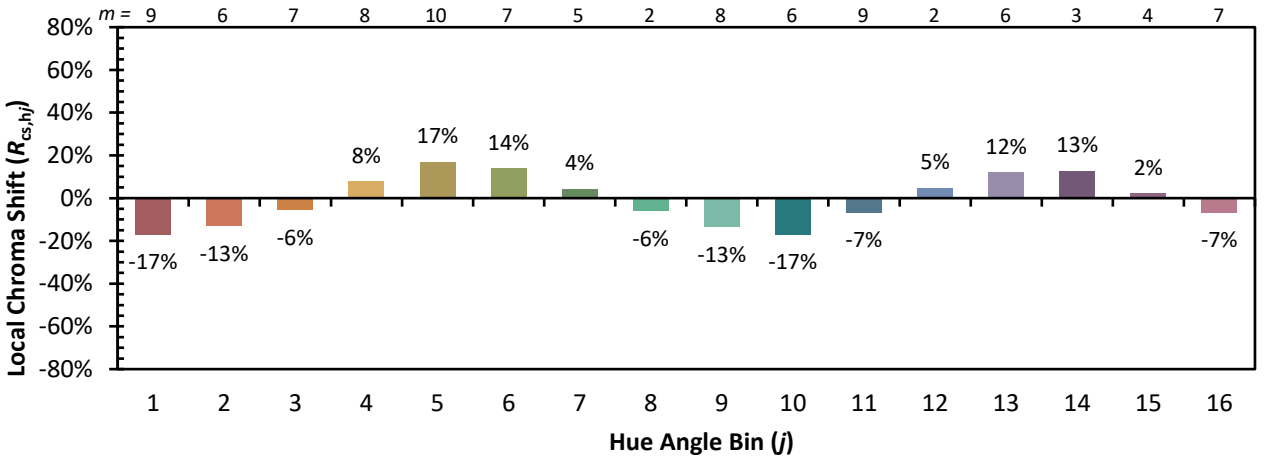
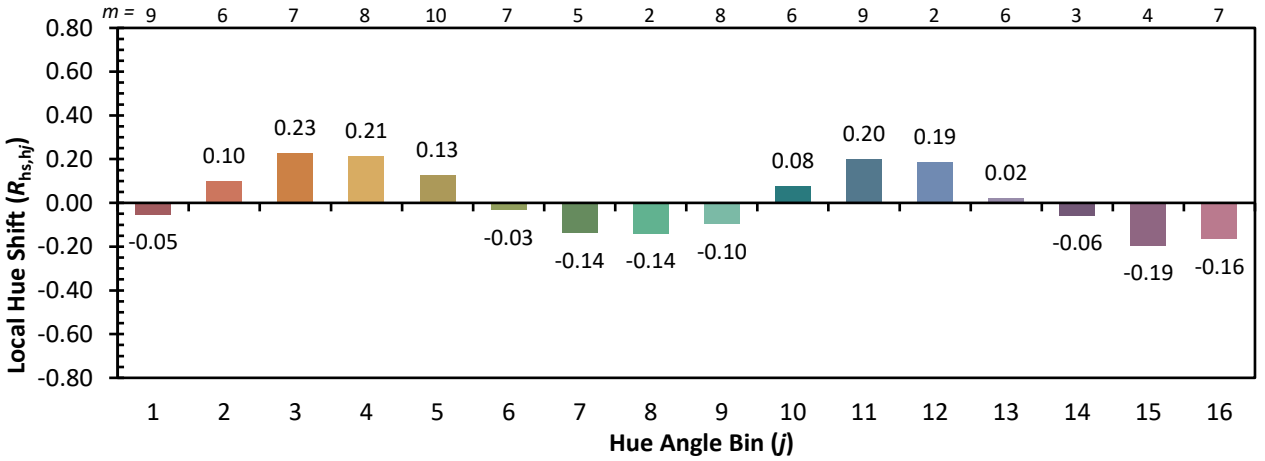
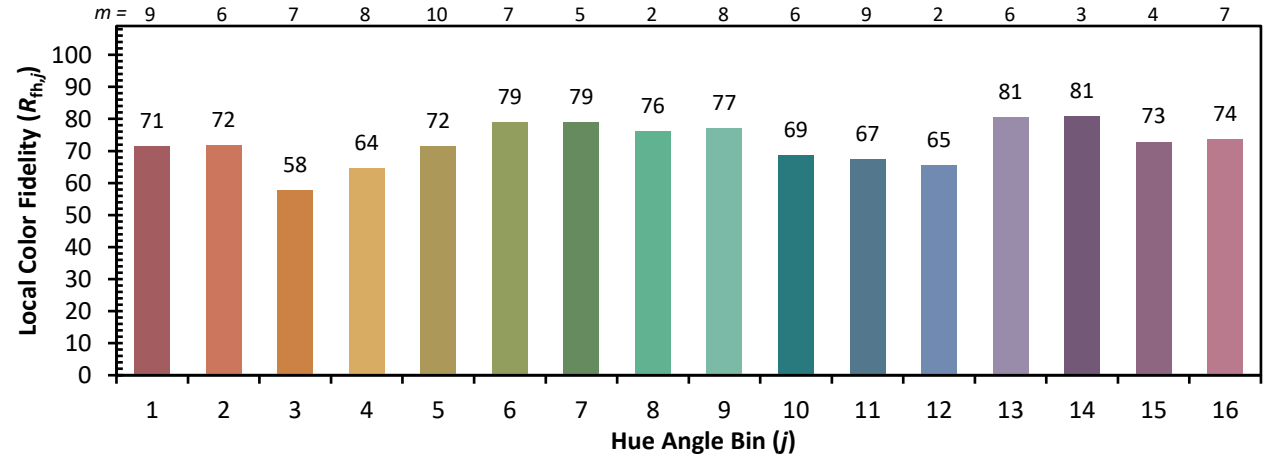
Color Rendition by Hue-Angle Bin







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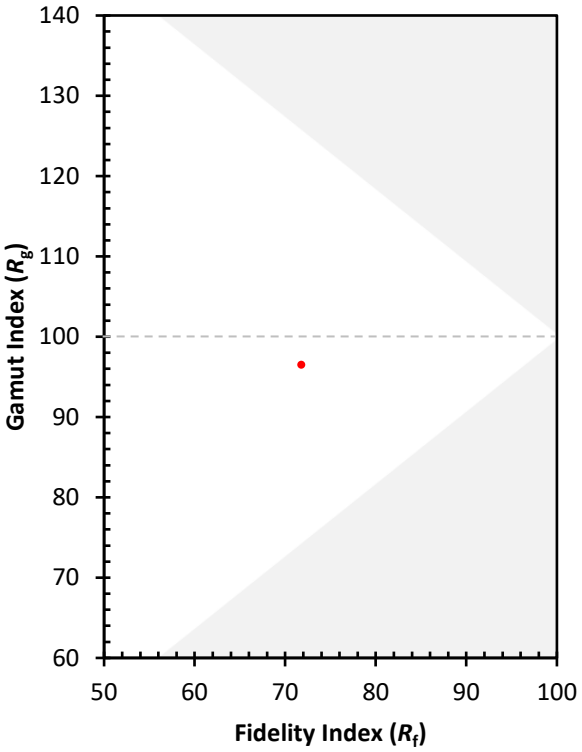
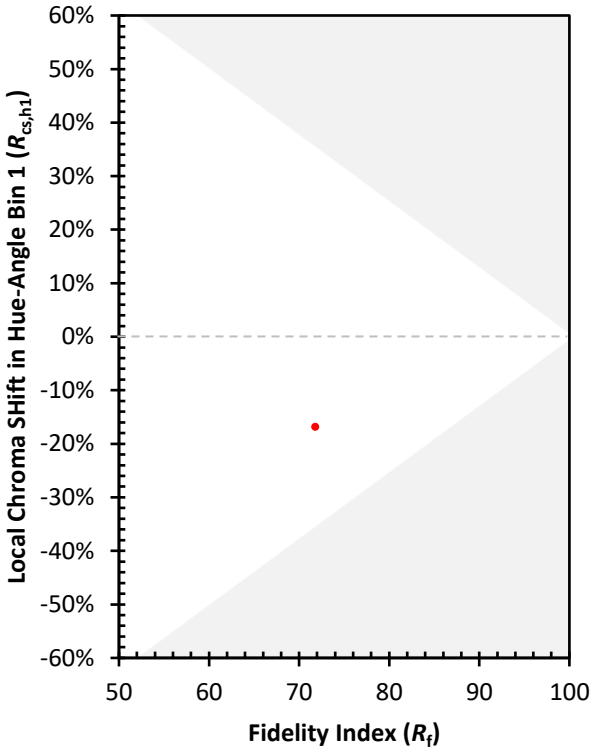
Measure Comparisons





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