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: P1457510

Luminaire Tested: GLAN-SB7D-740-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:	P1457510
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7D-740-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 7xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(182) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	55459.1 lumens
Efficiency:	N/A
Efficacy:	108.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G5

Input Watts (W):	512.8
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: P1457510
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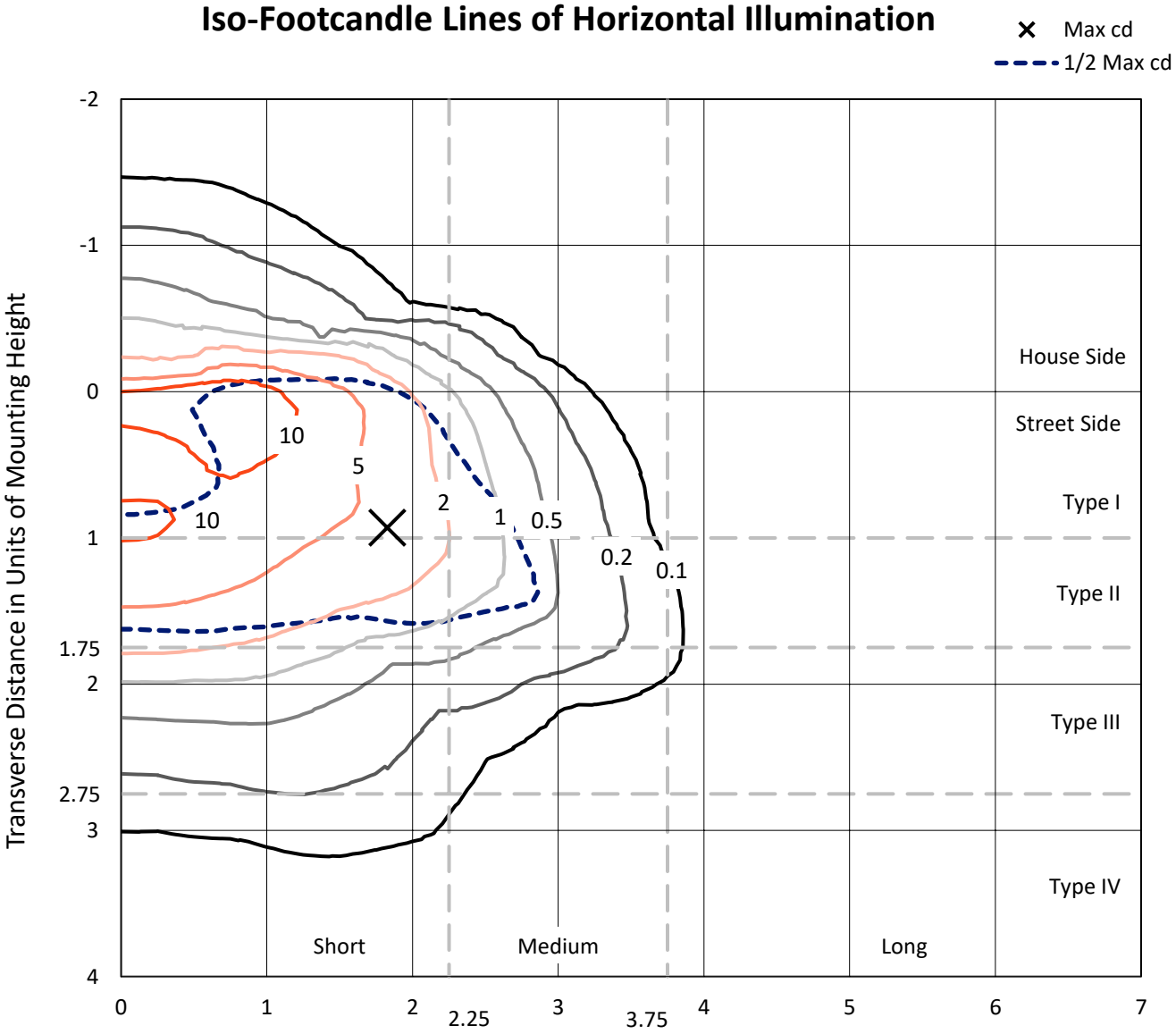
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 17.7 fc
Type II - Short - N/A

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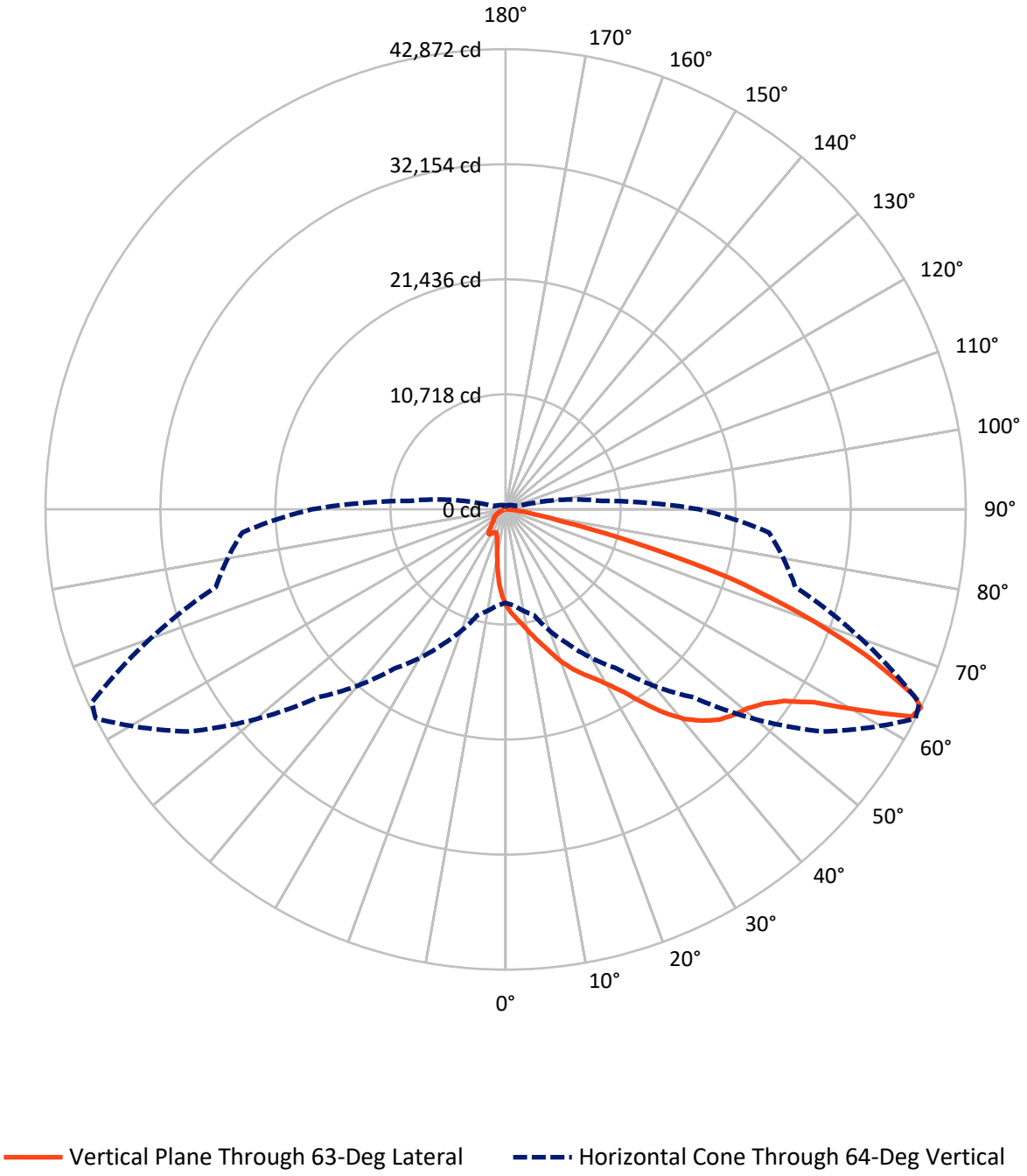
Luminous Intensity Polar Plot



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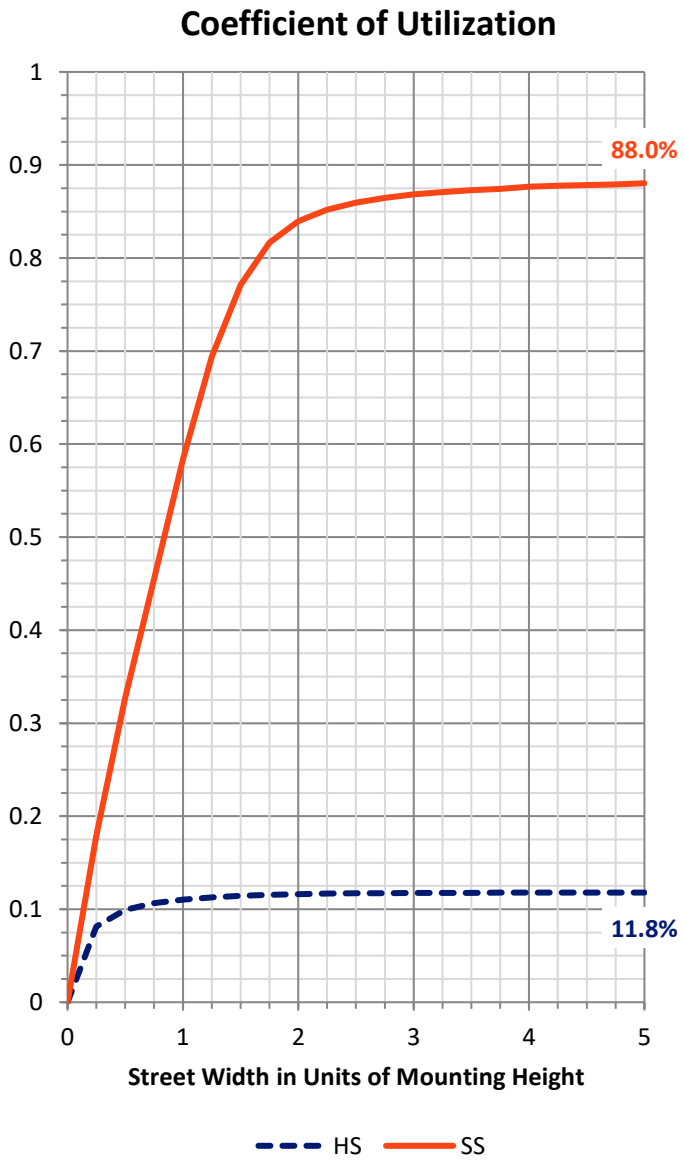
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6581.2	0.0	6581.2
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	48877.9	0.0	48877.9
	% Fixture	88.1	0.0	88.1
Total	Lumens	55459.1	0.0	55459.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	755.1	1.4
10°-20°	2122.0	3.8
20°-30°	3779.3	6.8
30°-40°	7218.4	13.0
40°-50°	11965.0	21.6
50°-60°	14914.3	26.9
60°-70°	11121.1	20.1
70°-80°	3189.5	5.8
80°-90°	394.4	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°	55459.1	100.0
0°-180°	55459.1	100.0



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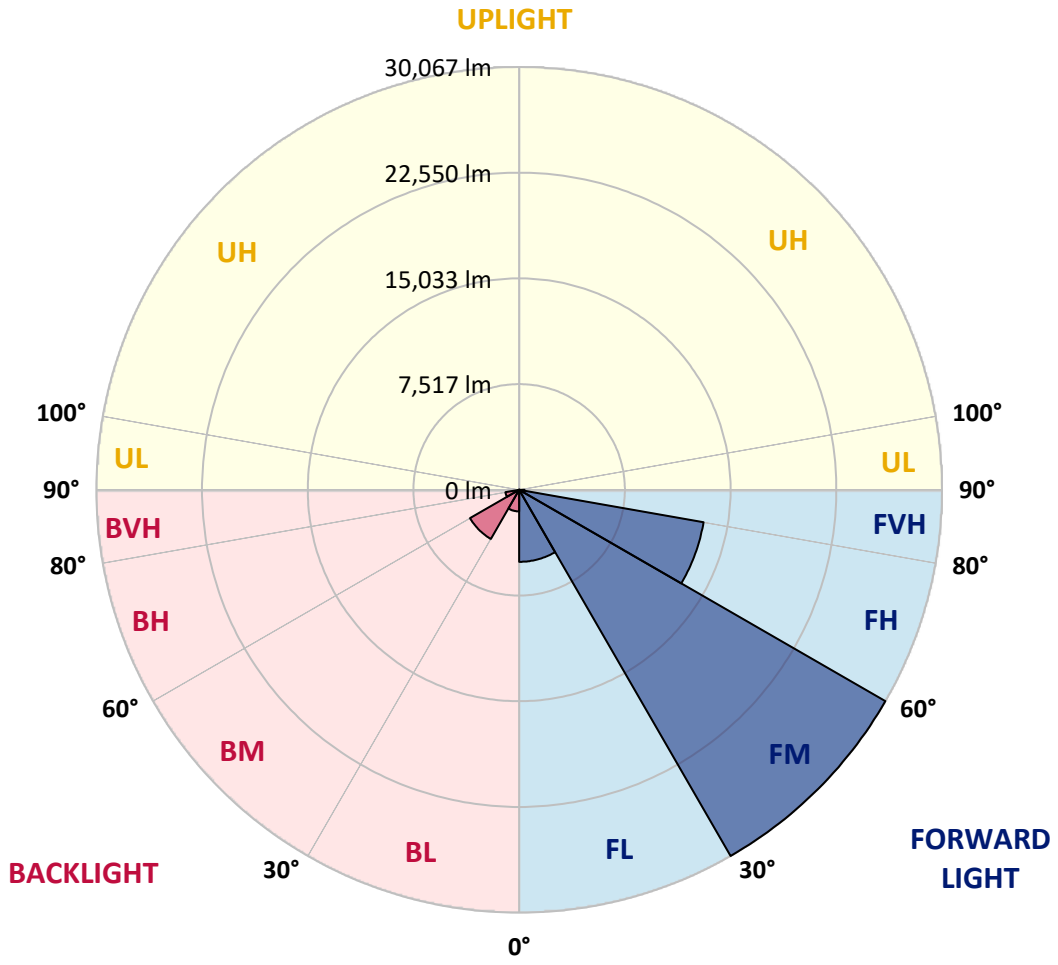
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	5121.0	9.2			
FM	(30°-60°)	30066.7	54.2			
FH	(60°-80°)	13315.3	24.0			G5
FVH	(80°-90°)	375.0	0.7			G3/500
BL	(0°-30°)	1535.4	2.8	B3/2500		
BM	(30°-60°)	4031.1	7.3	B3/5000		
BH	(60°-80°)	995.3	1.8	B2/1000		G2/1000
BVH	(80°-90°)	19.4	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
Type II Short



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REPORT NUMBER: P1457510
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	8967.1	8967.1	8967.1	8967.1	8967.1	8967.1	8967.1	*8967.1*	8967.1	8967.1	8967.1
2.5°	10048.4	10015.2	9981.9	9932.0	9865.4	9798.9	9715.7	*9599.3*	9549.4	9383.0	9183.4
5°	10564.2	10564.2	10547.5	10514.3	10481.0	10414.5	10314.6	*10164.9*	10098.4	9865.4	9516.1
7.5°	10697.3	10713.9	10763.8	10830.4	10930.2	10913.5	10913.5	*10747.2*	10713.9	10464.4	9998.5
10°	10464.4	10481.0	10614.1	10797.1	11096.5	11379.4	11579.0	*11479.2*	11429.3	11179.7	10597.5
12.5°	10131.6	10131.6	10347.9	10630.7	11096.5	11628.9	12211.2	*12311.0*	12327.7	12044.8	11346.1
15°	9266.5	9299.8	9649.2	10214.8	10980.1	11811.9	12793.5	*13176.1*	13275.9	13092.9	12261.1
17.5°	8118.6	8151.9	8501.3	9266.5	10414.5	11811.9	13292.6	*14174.3*	14307.4	14340.7	13425.7
20°	7636.2	7636.2	7835.8	8418.1	9615.9	11495.8	13592.0	*15239.0*	15538.5	15904.5	14706.7
22.5°	7702.7	7702.7	7819.2	8151.9	9116.8	11063.3	13775.0	*16187.3*	16802.9	17734.5	16353.7
25°	8068.7	8068.7	8168.5	8384.8	9166.7	10996.7	14124.4	*17035.8*	18017.3	19780.8	18233.6
27.5°	8651.0	8634.3	8717.5	8933.8	9649.2	11312.8	14706.7	*17884.2*	18982.3	22076.6	20396.4
30°	9499.4	9449.5	9482.8	9732.4	10431.1	12044.8	15555.1	*18965.6*	20080.3	24588.8	22792.0
32.5°	11462.6	11445.9	10963.5	10830.4	11579.0	13226.0	16719.7	*20313.2*	21560.9	27250.6	25254.2
35°	15006.1	15239.0	14556.9	12810.1	12959.8	14806.5	18383.3	*22143.2*	23291.1	30078.8	27932.7
37.5°	18599.6	18599.6	18316.8	16253.9	15205.8	16553.3	20180.1	*24023.1*	25220.9	32358.0	30511.4
40°	21444.5	21594.2	21261.5	19714.3	18350.1	18549.7	21976.8	*25670.1*	26768.1	33755.5	32341.4
42.5°	23557.3	23524.0	23390.9	22376.1	21610.8	21161.6	23607.2	*26901.2*	27949.3	34470.8	33489.3
45°	25836.5	25836.5	25653.5	24821.7	24189.5	23806.8	24821.7	*27932.7*	29030.7	34903.4	34204.7
47.5°	28215.5	28182.2	27999.2	27084.2	26402.1	25836.5	26052.8	*28598.2*	29696.2	34620.6	34321.1
50°	28797.8	28764.5	29180.4	29213.7	28598.2	27516.8	27034.3	*29163.8*	30128.7	34637.2	34687.1
52.5°	28115.7	28315.3	28930.9	29679.5	30378.3	29247.0	28082.4	*30062.2*	31060.4	35103.0	35602.1
55°	26418.8	26502.0	27683.1	28881.0	30511.4	30910.6	29762.7	*31492.9*	32374.6	35552.2	36417.3
57.5°	23257.8	23573.9	24838.3	26917.9	29396.7	31060.4	32690.7	*33888.6*	34554.0	35735.2	35968.1
60°	17551.5	17717.9	20462.9	23158.0	27084.2	29862.5	35419.1	*37947.9*	37864.7	33672.3	32823.8
62.5°	10680.6	10830.4	12793.5	17069.1	22010.1	27367.1	36334.1	*42489.6*	42040.4	30195.3	27633.2
64°	*8700.9*	*8983.7*	*10198.2*	*13858.2*	*18100.5*	*24755.1*	*36067.9*	*42872.3*	*42522.9*	*27949.3*	*24622.0*
65°	7436.5	7819.2	9066.9	12028.2	15388.8	21943.6	35335.9	*41807.5*	41574.6	26585.1	22126.6
67.5°	4674.9	4857.9	6704.5	9349.7	10597.5	14041.2	30378.3	*36151.1*	36567.0	23690.4	16320.4
70°	3477.0	3560.2	4608.3	7236.9	8268.3	8168.5	20862.2	*29280.2*	29380.1	18949.0	9848.8
72.5°	2528.7	2545.4	3227.5	5357.0	6471.6	5573.2	10996.7	*21760.5*	21045.2	11096.5	5373.6
75°	1680.3	1746.8	2262.6	3776.5	5040.9	4092.6	5007.6	*12394.2*	12177.9	5423.5	3077.8
77.5°	1231.1	1247.7	1530.6	2528.7	3959.5	3011.2	3027.8	*5340.3*	5506.7	3227.5	1946.5
80°	698.7	732.0	998.2	1547.2	2578.7	2062.9	1696.9	*2578.7*	2961.3	2196.0	1297.6
82.5°	415.9	449.2	715.4	1014.8	1763.5	848.5	865.1	*1414.1*	1763.5	1580.5	698.7
85°	249.5	266.2	449.2	549.0	1048.1	565.6	316.1	*698.7*	915.0	931.6	382.6
87.5°	166.4	166.4	249.5	232.9	299.5	266.2	133.1	*183.0*	232.9	316.1	149.7
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: P1457510
CATALOG NUMBER: GLAN-SB7D-740-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8967.1	8967.1	8967.1	8967.1	8967.1	8967.1	8967.1	8967.1	8967.1	8967.1	8967.1
2.5°	9017.0	8917.2	8617.7	8218.4	7852.4	7569.6	7220.2	6987.3	6771.1	6771.1	6588.1
5°	9233.3	8967.1	8235.1	7320.1	6338.5	5406.9	4808.0	4142.5	3926.2	3743.2	3776.5
7.5°	9599.3	9116.8	7819.2	6172.1	4608.3	3610.1	2944.7	2645.2	2512.1	2428.9	2445.6
10°	10048.4	9383.0	7320.1	5007.6	3393.8	2645.2	2329.1	2212.7	2162.7	2146.1	2146.1
12.5°	10664.0	9699.1	6821.0	4026.0	2678.5	2279.2	2112.8	2046.3	1996.4	1963.1	1963.1
15°	11396.0	10098.4	6238.7	3310.7	2345.7	2096.2	1963.1	1896.6	1830.0	1813.4	1813.4
17.5°	12327.7	10514.3	5723.0	2844.8	2179.4	1963.1	1830.0	1746.8	1696.9	1680.3	1680.3
20°	13359.1	11030.0	5207.2	2578.7	2062.9	1830.0	1696.9	1630.4	1580.5	1547.2	1563.8
22.5°	14673.4	11678.8	4874.5	2445.6	1963.1	1713.6	1580.5	1513.9	1464.0	1430.7	1447.4
25°	16120.8	12494.0	4691.5	2445.6	1896.6	1630.4	1480.6	1414.1	1364.2	1330.9	1330.9
27.5°	17884.2	13409.0	4708.1	2545.4	1879.9	1563.8	1397.5	1330.9	1281.0	1231.1	1231.1
30°	19830.7	14490.4	4891.1	2728.4	1913.2	1497.3	1330.9	1231.1	1197.8	1147.9	1147.9
32.5°	21893.6	15738.1	5357.0	2961.3	1879.9	1414.1	1231.1	1147.9	1098.0	1064.7	1064.7
35°	24073.0	17152.2	5939.2	3061.1	1713.6	1297.6	1147.9	1064.7	1031.5	1014.8	998.2
37.5°	26152.6	18383.3	6255.3	2861.5	1497.3	1197.8	1048.1	964.9	948.3	915.0	915.0
40°	27766.3	19398.2	6072.3	2445.6	1380.8	1098.0	964.9	881.7	848.5	815.2	815.2
42.5°	28714.6	19764.2	5406.9	2079.6	1297.6	998.2	881.7	798.6	765.3	748.6	748.6
45°	29263.6	19714.3	4624.9	1863.3	1214.5	915.0	798.6	748.6	698.7	682.1	665.5
47.5°	29247.0	19198.5	4059.3	1680.3	1131.3	848.5	748.6	698.7	648.8	632.2	632.2
50°	29130.5	18433.2	3427.1	1547.2	1064.7	798.6	698.7	665.5	615.6	598.9	582.3
52.5°	29413.3	18000.7	2861.5	1464.0	981.6	765.3	682.1	632.2	565.6	549.0	549.0
55°	29762.7	17751.2	2295.8	1380.8	915.0	748.6	648.8	598.9	532.4	515.7	515.7
57.5°	28747.9	16802.9	1896.6	1247.7	831.8	715.4	615.6	582.3	515.7	465.8	465.8
60°	25553.7	13891.5	1563.8	1098.0	765.3	665.5	582.3	532.4	465.8	399.3	399.3
62.5°	20779.0	10597.5	1297.6	931.6	715.4	615.6	532.4	482.5	399.3	316.1	316.1
64°	*18050.6*	*9000.3*	*1164.6*	*815.2*	*682.1*	*565.6*	*482.5*	*432.5*	*349.4*	*266.2*	*249.5*
65°	16187.3	7952.2	1081.4	765.3	665.5	532.4	465.8	415.9	316.1	249.5	232.9
67.5°	11396.0	5340.3	865.1	632.2	582.3	449.2	399.3	349.4	282.8	216.3	199.6
70°	6638.0	3027.8	682.1	532.4	449.2	349.4	332.7	316.1	249.5	166.4	166.4
72.5°	3610.1	1513.9	515.7	432.5	349.4	249.5	282.8	249.5	199.6	133.1	116.5
75°	2212.7	931.6	382.6	316.1	232.9	183.0	216.3	183.0	116.5	83.2	66.5
77.5°	1480.6	598.9	282.8	216.3	149.7	116.5	149.7	99.8	49.9	16.6	16.6
80°	915.0	415.9	183.0	133.1	83.2	49.9	33.3	16.6	16.6	0.0	0.0
82.5°	399.3	266.2	99.8	66.5	33.3	16.6	16.6	0.0	0.0	0.0	0.0
85°	216.3	83.2	33.3	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	66.5	33.3	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

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

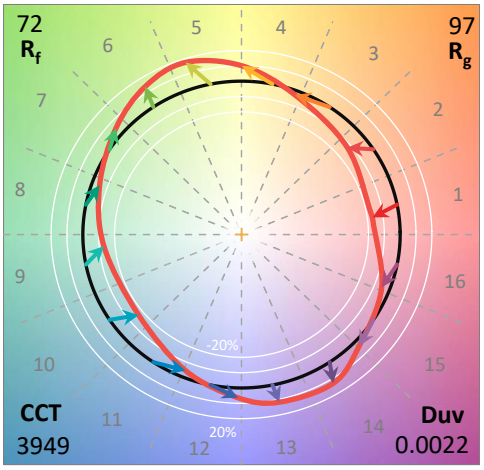
Test Information

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



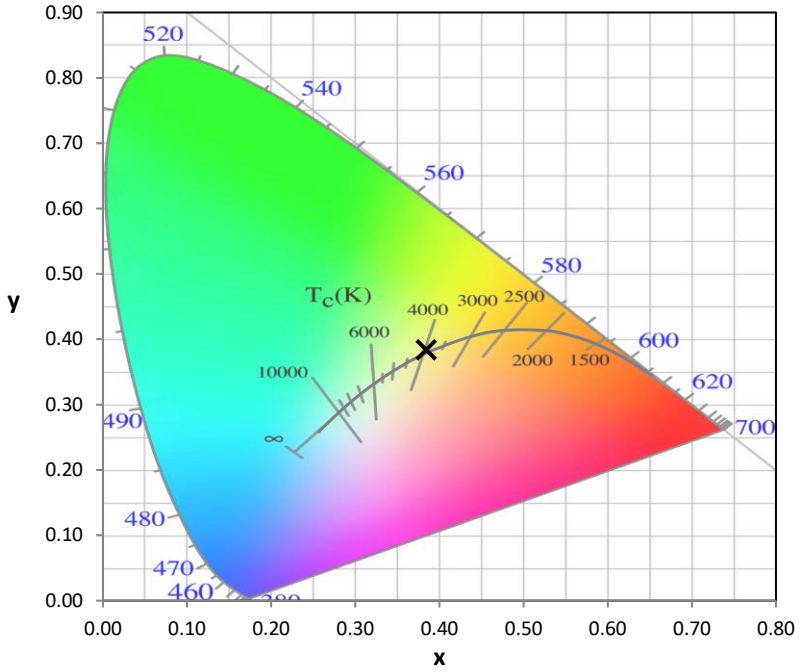
Test Conditions

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

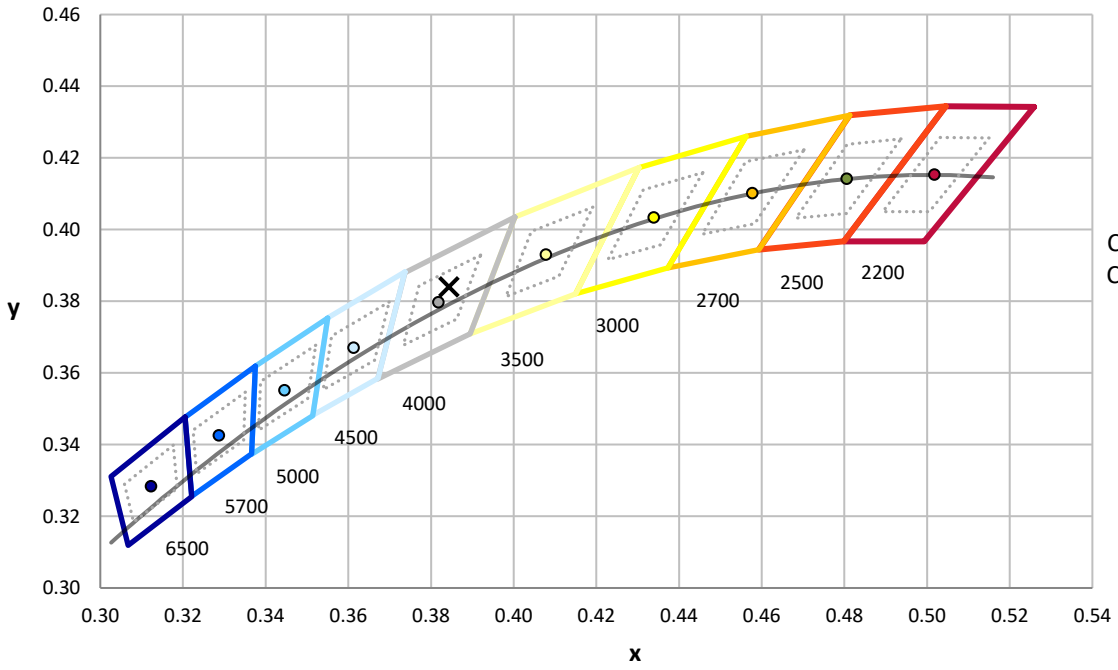
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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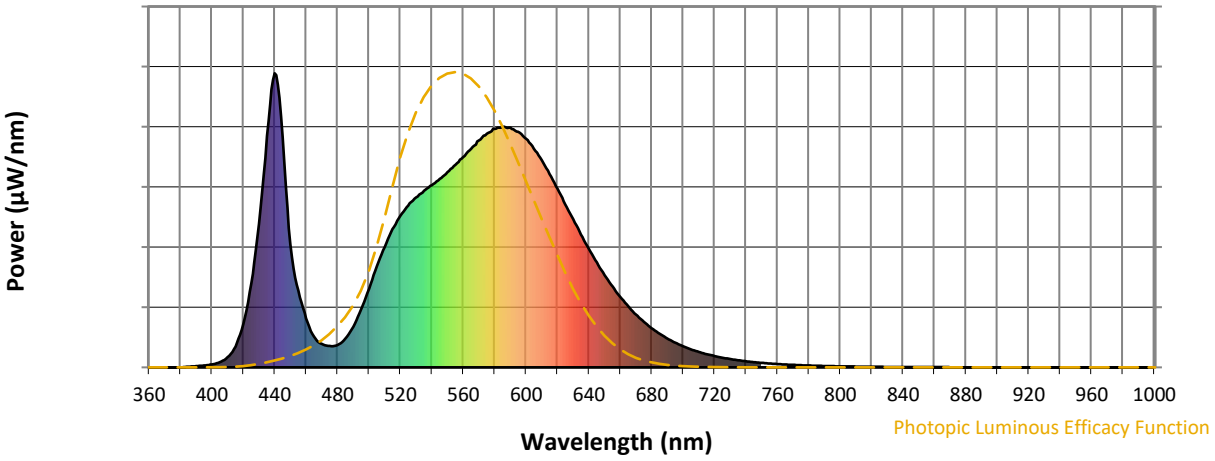
Photopic Flux vs. Wavelength



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	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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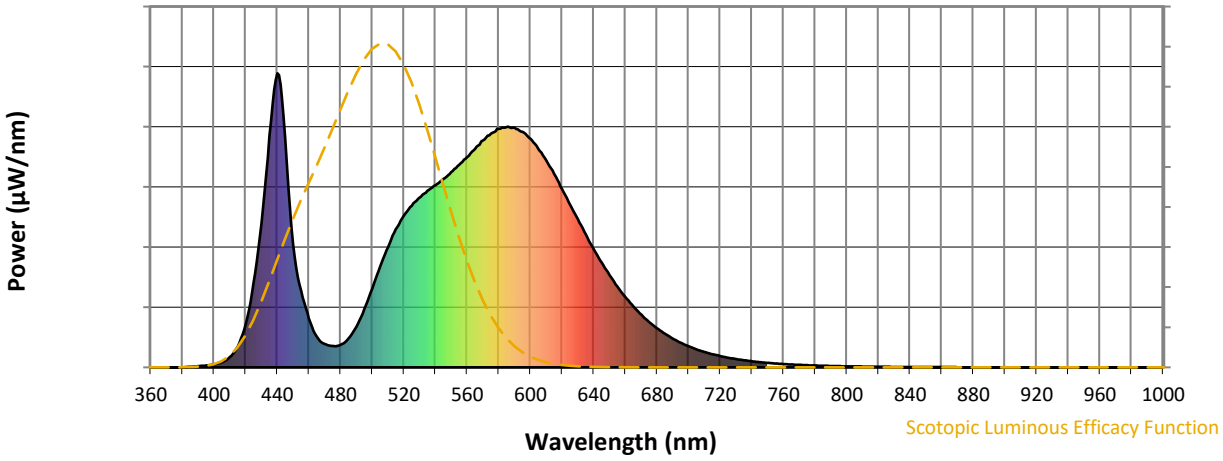
Scotopic Flux vs. Wavelength



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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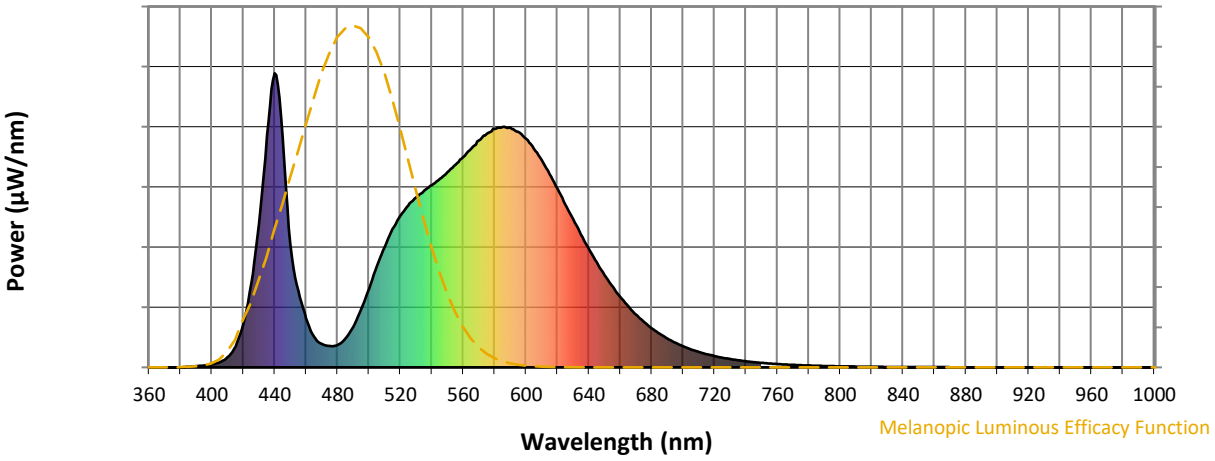
Melanopic Flux vs. Wavelength



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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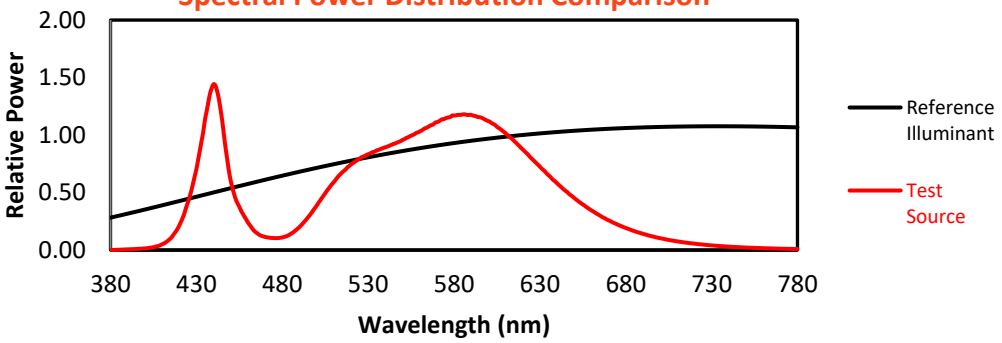
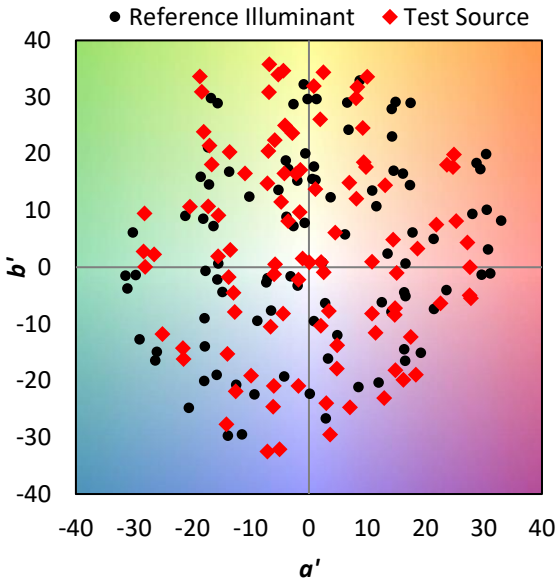
Summary

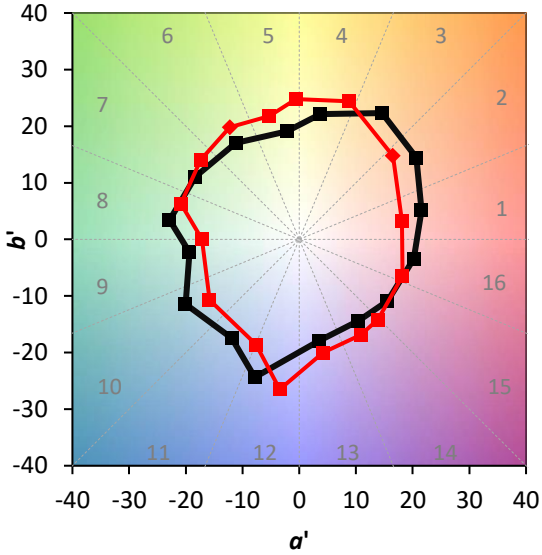
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

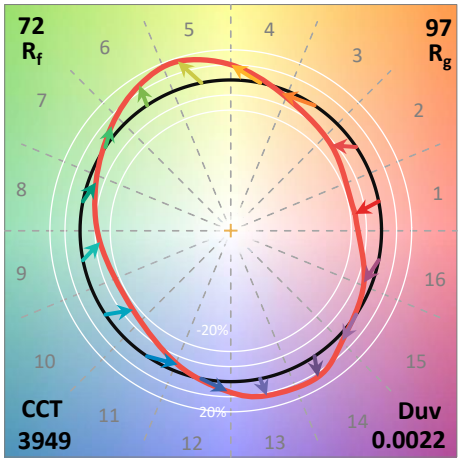
Spectral Power Distribution Comparison

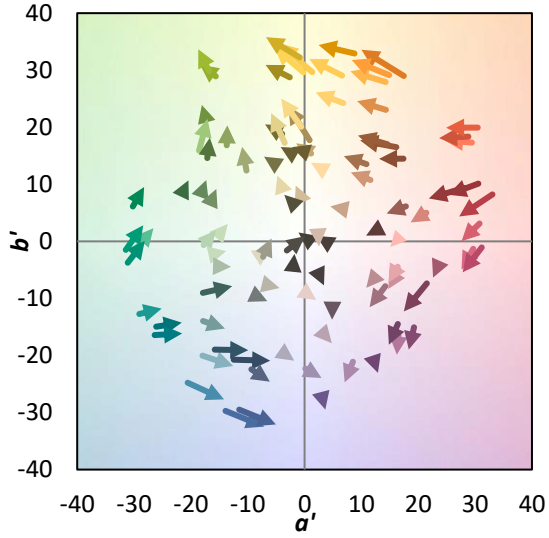


Color Vector Graphics









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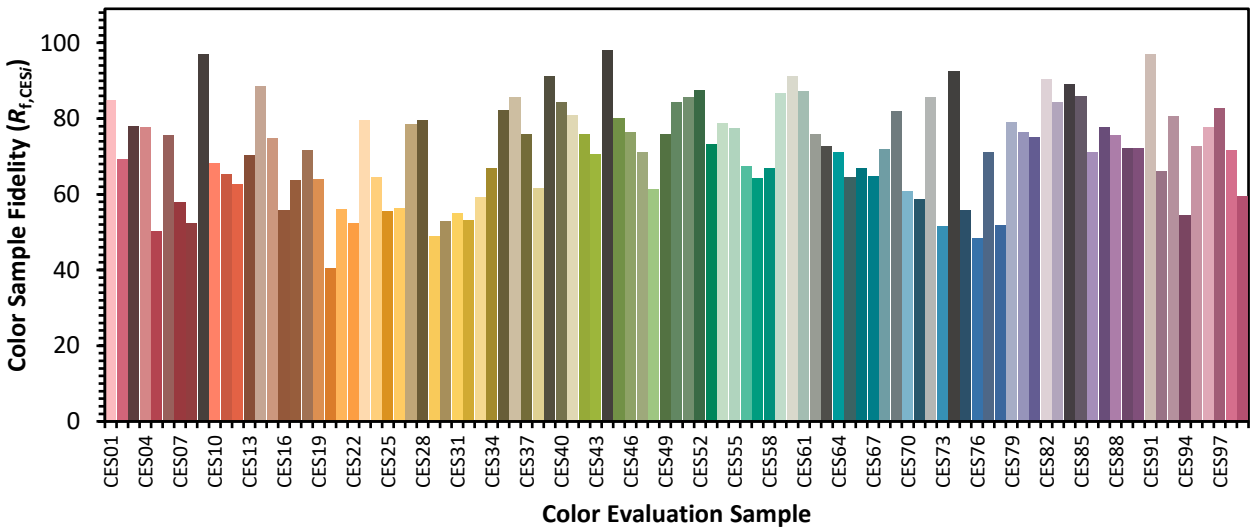
Individual Sample Fidelity Index ($R_{f,i}$)

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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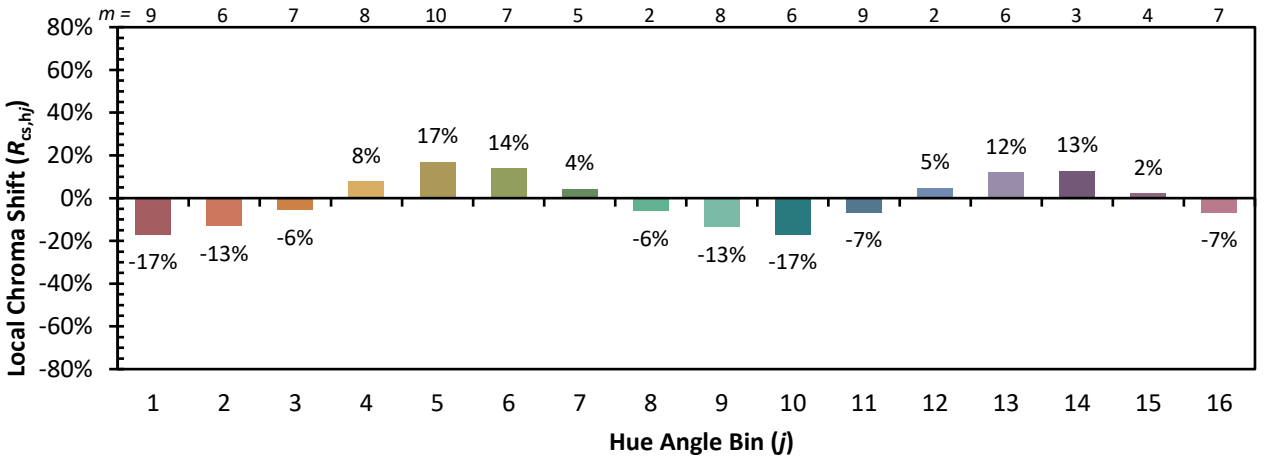
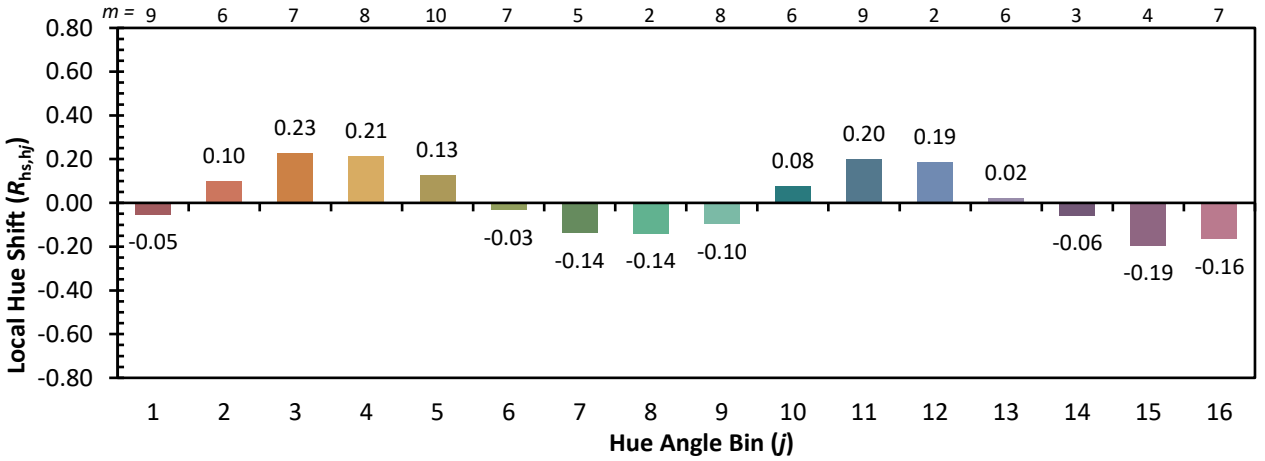
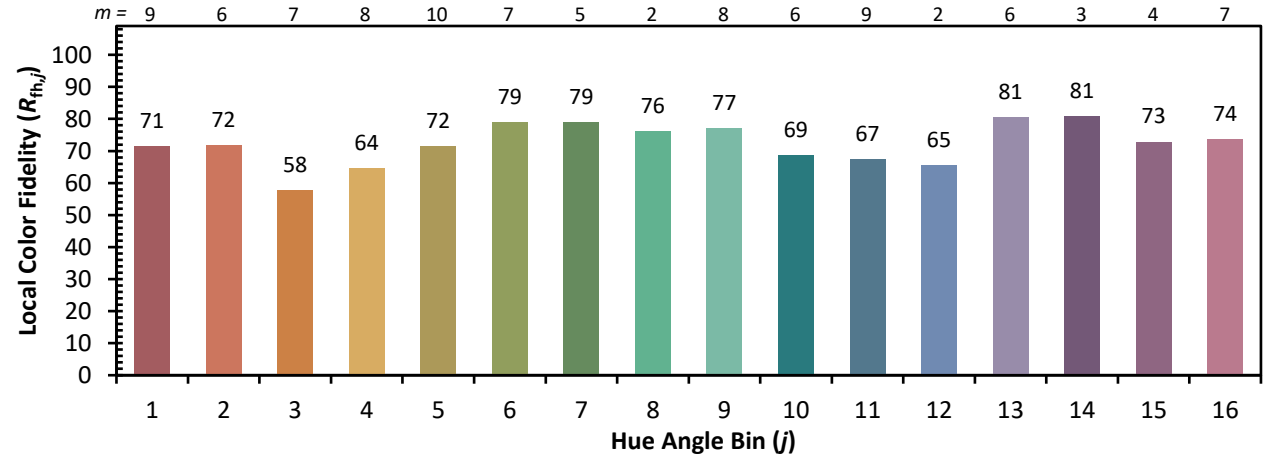
Color Rendition by Hue-Angle Bin







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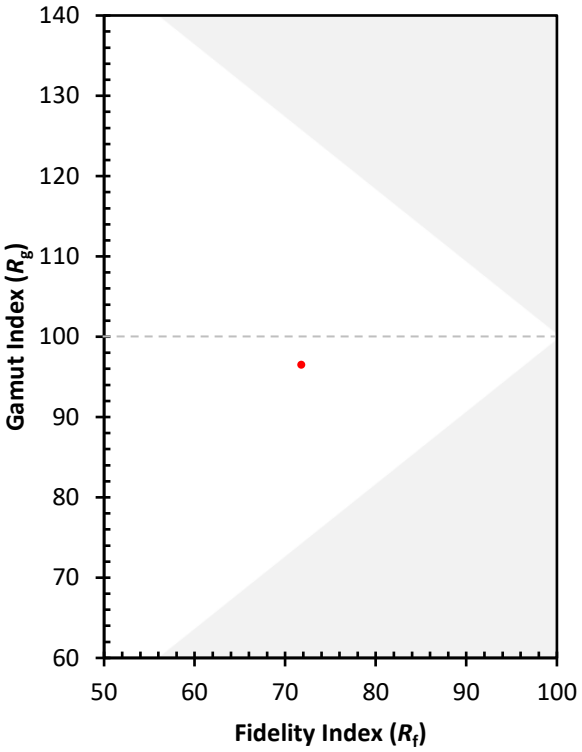
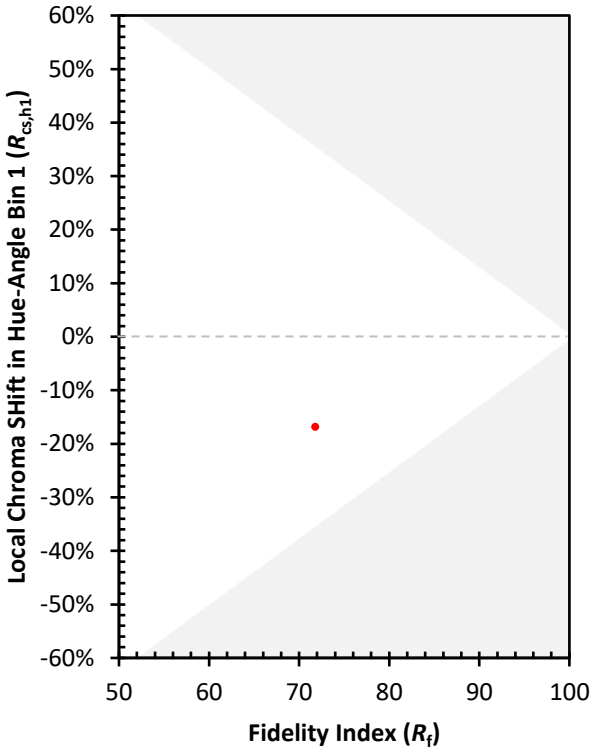
Measure Comparisons





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