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: P1458073

Luminaire Tested: GLAN-SB4C-740-U-T3LG-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:	P1458073
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4C-740-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 4xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE III 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:	24270.5 lumens
Efficiency:	N/A
Efficacy:	120.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	200.7
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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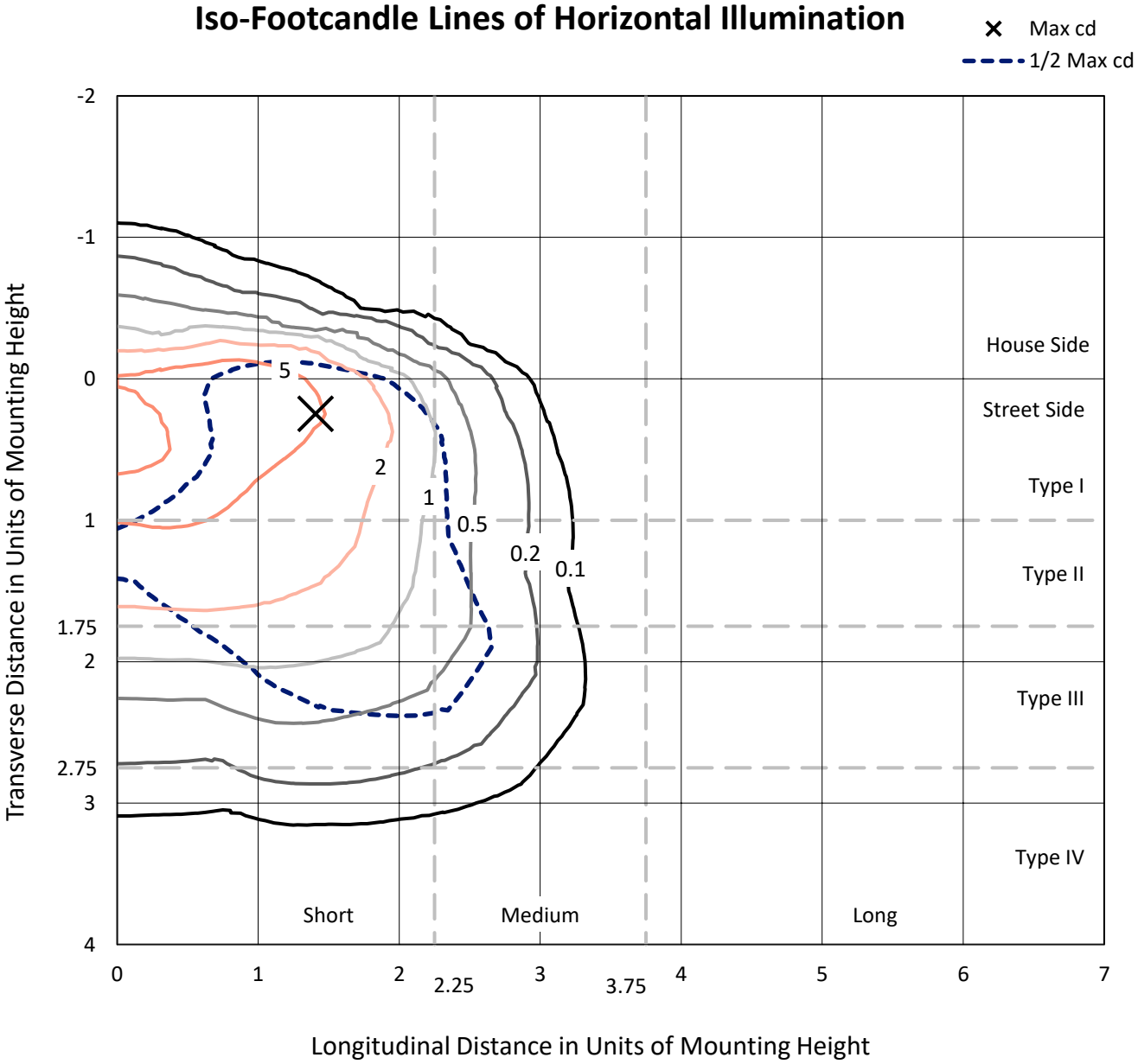
REPORT NUMBER: P1458073
CATALOG NUMBER: GLAN-SB4C-740-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 9.6 fc
Type III - Short - N/A

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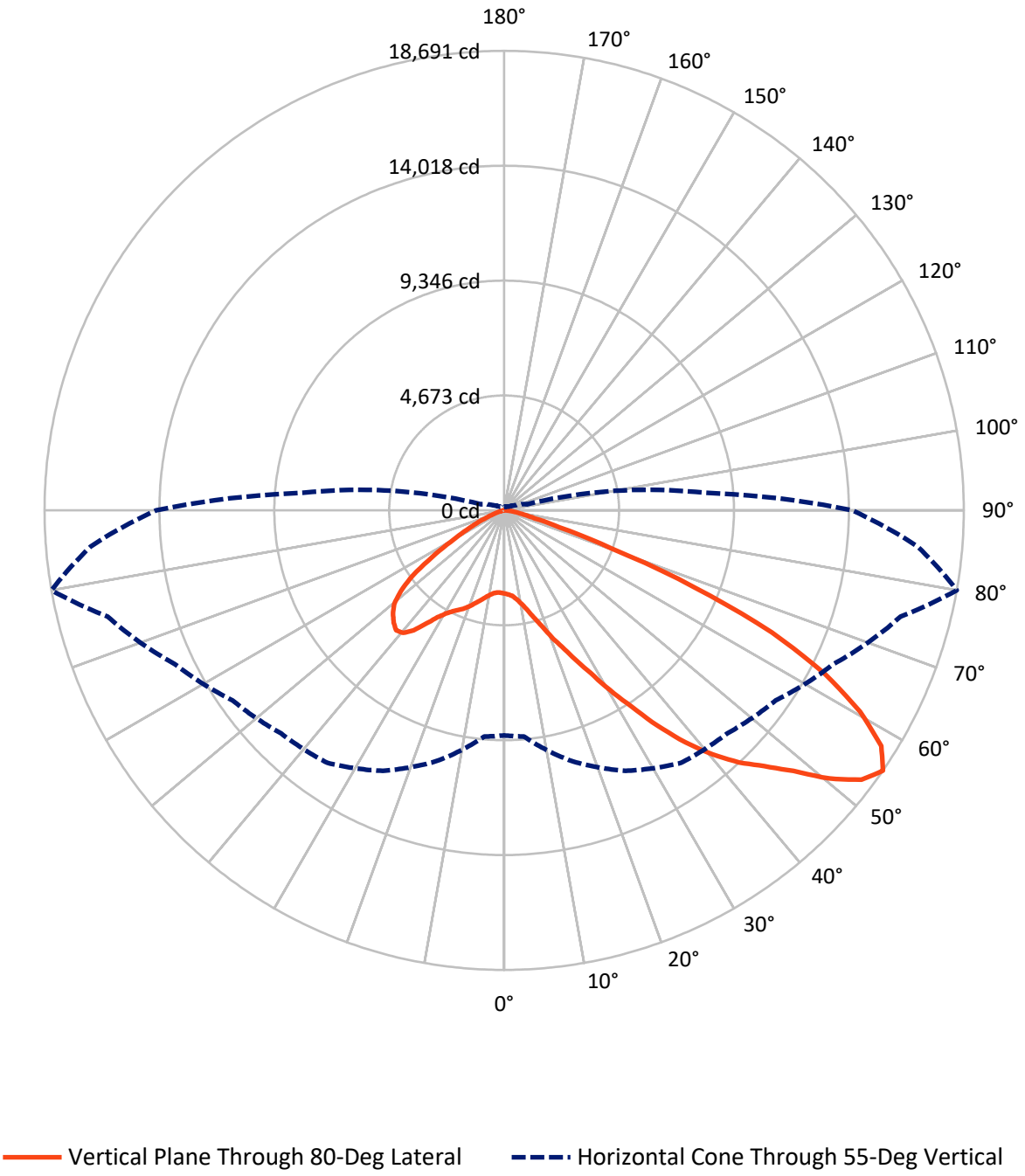
Luminous Intensity Polar Plot



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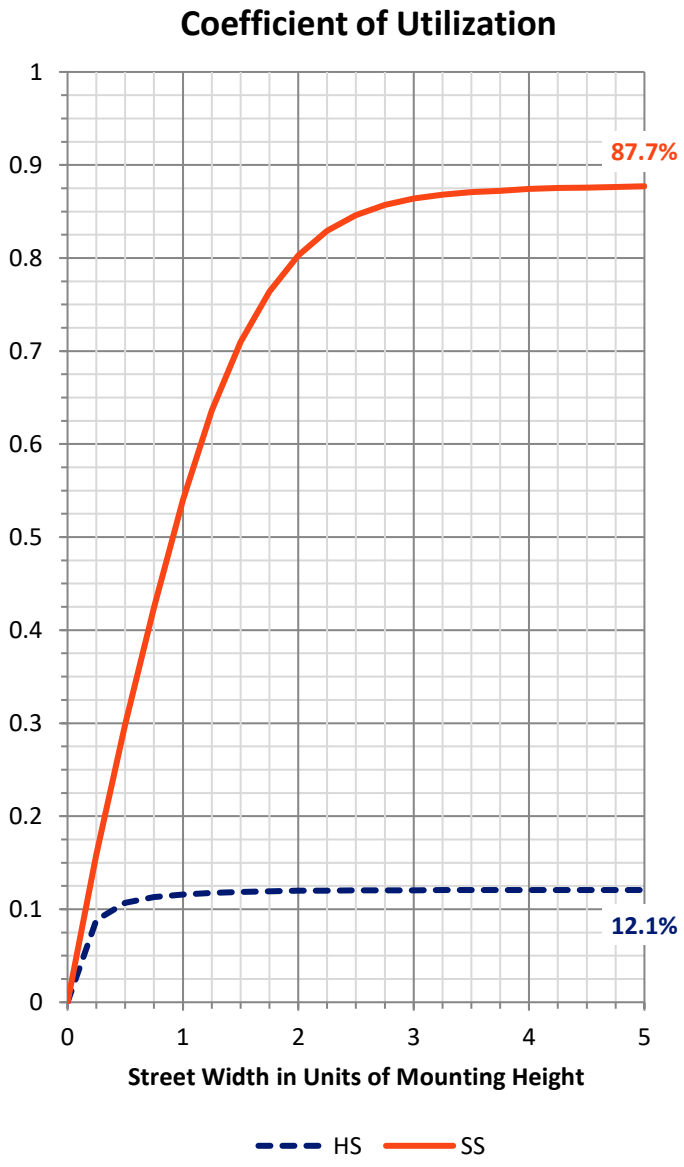
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2950.4	0.0	2950.4
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	21320.2	0.0	21320.2
	% Fixture	87.8	0.0	87.8
Total	Lumens	24270.5	0.0	24270.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	283.7	1.2
10°-20°	748.0	3.1
20°-30°	1464.4	6.0
30°-40°	2979.1	12.3
40°-50°	5022.4	20.7
50°-60°	6417.1	26.4
60°-70°	5478.7	22.6
70°-80°	1750.8	7.2
80°-90°	126.4	0.5
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°	24270.5	100.0
0°-180°	24270.5	100.0



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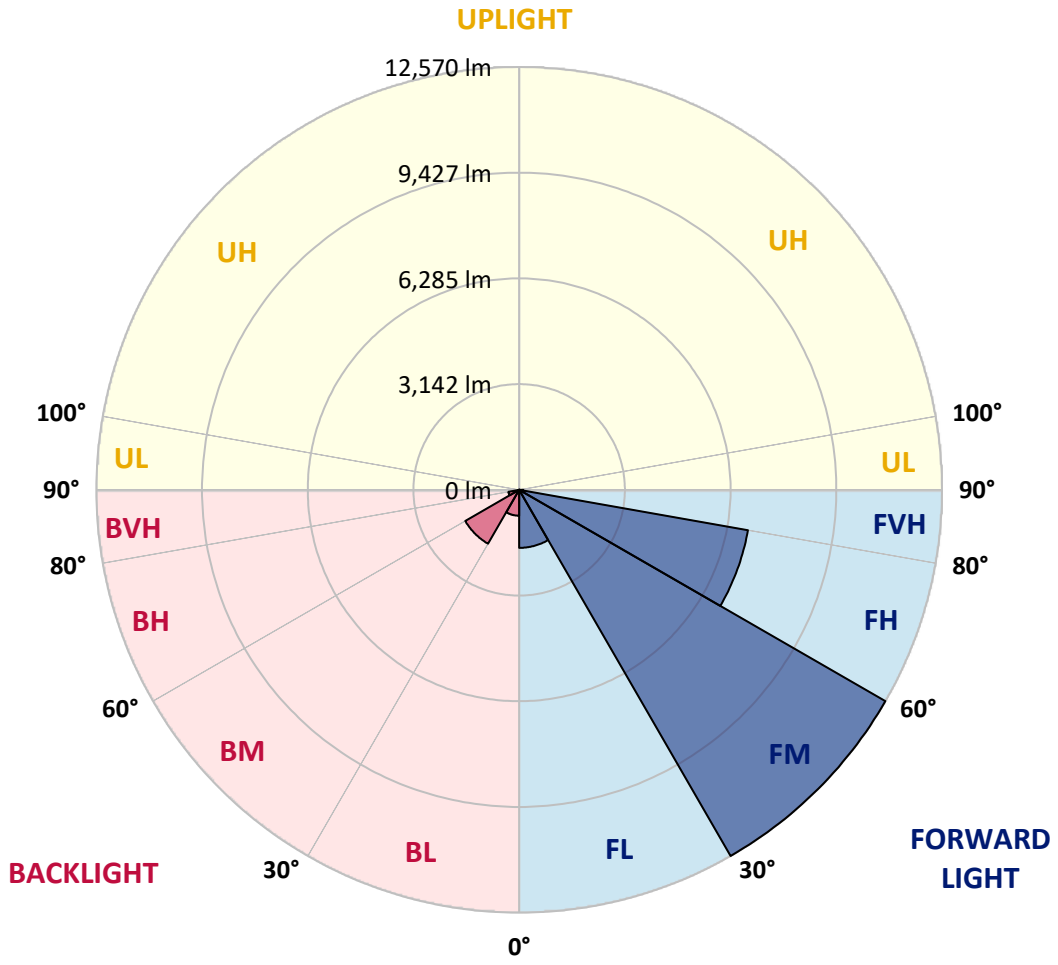
CATALOG NUMBER: GLAN-SB4C-740-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1725.7	7.1			
FM	(30°-60°)	12569.5	51.8			
FH	(60°-80°)	6905.2	28.5			G3/7500
FVH	(80°-90°)	119.8	0.5			G2/225
BL	(0°-30°)	770.4	3.2	B2/1000		
BM	(30°-60°)	1849.1	7.6	B2/2500		
BH	(60°-80°)	324.3	1.3	B1/500		G1/500
BVH	(80°-90°)	6.6	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-G3
Type III Short



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REPORT NUMBER: P1458073
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3380.8	3380.8	3380.8	3380.8	3380.8	3380.8	3380.8	3380.8	3380.8	*3380.8*	3380.8
2.5°	3401.5	3408.4	3401.5	3408.4	3422.2	3415.3	3442.9	3436.0	3436.0	*3429.1*	3401.5
5°	3208.4	3215.3	3229.1	3263.5	3311.8	3360.1	3422.2	3463.6	3505.0	*3498.1*	3470.5
7.5°	2828.9	2842.7	2897.9	2966.9	3125.6	3270.4	3429.1	3532.6	3622.3	*3649.9*	3629.2
10°	2615.0	2628.8	2663.3	2732.3	2877.2	3118.7	3429.1	3643.0	3801.7	*3856.9*	3863.8
12.5°	2594.3	2601.2	2628.8	2704.7	2828.9	3035.9	3422.2	3787.9	4057.0	*4139.8*	4167.4
15°	2608.1	2621.9	2649.5	2711.6	2856.5	3091.1	3477.4	4015.6	4395.1	*4512.4*	4519.3
17.5°	2663.3	2677.1	2711.6	2780.6	2939.3	3236.0	3649.9	4250.2	4802.2	*4933.3*	5009.2
20°	2773.7	2780.6	2822.0	2911.7	3091.1	3415.3	3905.2	4567.6	5292.1	*5485.2*	5540.4
22.5°	2918.6	2939.3	2994.5	3104.9	3332.5	3663.7	4257.1	4954.0	5830.2	*6030.3*	6126.9
25°	3077.3	3104.9	3187.7	3367.0	3656.8	4043.2	4691.8	5464.5	6465.0	*6706.5*	6837.6
27.5°	3401.5	3408.4	3463.6	3691.3	4063.9	4540.0	5243.8	6120.0	7210.2	*7493.1*	7637.9
30°	4112.2	4119.1	4070.8	4132.9	4512.4	5126.5	5892.3	6885.9	8079.5	*8472.8*	8590.1
32.5°	4981.6	5016.1	5009.2	4967.8	5140.3	5712.9	6665.1	7803.5	9100.7	*9514.7*	9625.1
35°	5968.2	6051.0	6030.3	6016.5	6037.2	6465.0	7548.3	8817.8	10259.8	*10763.5*	10853.2
37.5°	6934.2	6954.9	7051.5	7168.8	7182.6	7479.3	8569.4	9894.1	11336.2	*11977.8*	12115.8
40°	7679.3	7748.3	7989.8	8224.4	8465.9	8700.5	9411.2	10763.5	12191.7	*13054.2*	13116.3
42.5°	8258.9	8424.5	8776.4	9142.1	9632.0	9894.1	10211.5	11377.6	12888.6	*14013.3*	13985.7
45°	8962.7	9031.7	9528.5	10011.4	10508.2	10908.4	10901.5	11895.1	13433.7	*14834.3*	14661.8
47.5°	9438.8	9521.6	10197.7	10763.5	11274.1	11474.2	11515.6	12453.9	14185.7	*15827.9*	15420.8
50°	9694.1	9838.9	10577.2	11294.8	11846.8	11908.9	12095.1	13185.3	15172.4	*17145.7*	16379.8
52.5°	9721.7	9859.6	10708.3	11632.9	12233.1	12357.3	12674.7	14013.3	16131.5	*18201.4*	16931.8
55°	*9149.0*	*9231.8*	*10549.6*	*11688.1*	*12536.7*	*12826.5*	*13475.1*	*14779.1*	*16690.3*	*18691.2*	*16883.5*
57.5°	8610.8	8693.6	9838.9	11591.5	12847.2	13440.6	14330.6	15303.5	16255.7	*18084.1*	15807.2
60°	8148.5	8189.9	9231.8	11143.0	12964.5	14040.9	15068.9	14786.0	15131.0	*16628.2*	13965.0
62.5°	7279.2	7306.8	8541.8	10335.7	12729.9	14503.1	15324.2	13689.0	13896.0	*14620.4*	11798.5
65°	5499.0	5602.5	6734.1	9728.6	12343.5	14717.0	14730.8	12350.4	12136.5	*11964.0*	9280.1
67.5°	3732.7	3850.0	4533.1	8748.8	11715.7	14806.7	13578.6	10618.6	9245.6	*8355.5*	6078.6
70°	2980.7	2980.7	3215.3	7030.8	10225.3	13661.4	12150.3	8017.4	5871.6	*4615.9*	3256.7
72.5°	1959.5	1966.4	2187.2	4464.1	7251.6	10418.5	9907.9	4636.6	3049.7	*2352.8*	1607.6
75°	710.7	710.7	959.1	1787.0	3836.2	6202.8	6037.2	2214.8	1655.9	*1283.3*	972.9
77.5°	379.5	393.3	462.3	738.3	1469.6	2525.3	2359.7	1131.5	938.4	*800.4*	607.2
80°	255.3	262.2	310.5	455.4	710.7	972.9	759.0	634.8	634.8	*538.2*	407.1
82.5°	138.0	144.9	207.0	296.7	379.5	455.4	365.7	372.6	448.5	*365.7*	234.6
85°	96.6	96.6	158.7	213.9	213.9	220.8	158.7	234.6	262.2	*227.7*	158.7
87.5°	55.2	55.2	89.7	103.5	103.5	96.6	48.3	82.8	103.5	*117.3*	69.0
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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Scaled Data Report

REPORT NUMBER: P1458073
CATALOG NUMBER: GLAN-SB4C-740-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3380.8	3380.8	3380.8	3380.8	3380.8	3380.8	3380.8	3380.8	3380.8	3380.8	3380.8
2.5°	3394.6	3373.9	3332.5	3249.8	3208.4	3153.2	3104.9	3042.8	3029.0	3022.1	2994.5
5°	3449.8	3408.4	3284.2	3104.9	2953.1	2808.2	2663.3	2580.5	2511.5	2477.0	2470.1
7.5°	3587.8	3505.0	3277.3	2960.0	2677.1	2428.7	2214.8	2028.5	1931.9	1849.1	1856.0
10°	3794.8	3663.7	3291.1	2822.0	2401.1	2000.9	1690.4	1421.3	1228.1	1138.4	1131.5
12.5°	4070.8	3884.5	3339.4	2684.0	2063.0	1504.1	1110.8	952.2	910.8	903.9	897.0
15°	4408.9	4146.7	3387.7	2504.6	1607.6	1041.9	903.9	869.4	862.5	855.6	855.6
17.5°	4816.0	4450.3	3415.3	2201.0	1172.9	897.0	848.7	828.0	821.1	814.2	814.2
20°	5326.6	4788.4	3449.8	1814.6	993.6	862.5	807.3	779.7	772.8	772.8	765.9
22.5°	5830.2	5167.9	3422.2	1476.5	959.1	821.1	759.0	731.4	717.6	717.6	710.7
25°	6409.8	5554.2	3339.4	1331.6	952.2	786.6	710.7	669.3	648.6	641.7	641.7
27.5°	7072.2	5995.8	3208.4	1338.5	952.2	759.0	648.6	593.4	579.6	565.8	565.8
30°	7831.1	6534.0	3111.8	1428.2	966.0	731.4	593.4	524.4	503.7	489.9	496.8
32.5°	8700.5	7134.3	3104.9	1573.1	986.7	690.0	531.3	455.4	434.7	427.8	434.7
35°	9687.2	7879.4	3263.5	1683.5	931.5	600.3	455.4	393.3	372.6	372.6	379.5
37.5°	10784.2	8735.0	3477.4	1655.9	752.1	476.1	393.3	345.0	324.3	331.2	338.1
40°	11784.7	9404.3	3511.9	1414.4	565.8	407.1	338.1	303.6	289.8	296.7	303.6
42.5°	12543.6	9942.4	3180.8	1097.0	476.1	345.0	289.8	262.2	255.3	269.1	269.1
45°	13157.7	10156.3	2656.4	814.2	420.9	296.7	255.3	241.5	227.7	234.6	234.6
47.5°	13799.4	10190.8	2166.5	655.5	372.6	269.1	234.6	220.8	207.0	207.0	207.0
50°	14420.3	10108.0	1655.9	579.6	345.0	241.5	213.9	200.1	186.3	179.4	179.4
52.5°	14572.1	9445.7	1214.3	538.2	317.4	227.7	200.1	186.3	172.5	165.6	165.6
55°	*14151.2*	*8189.9*	*952.2*	*483.0*	*289.8*	*207.0*	*186.3*	*172.5*	*151.8*	*144.9*	*144.9*
57.5°	12764.4	6244.2	759.0	414.0	262.2	200.1	172.5	158.7	138.0	131.1	131.1
60°	10963.6	4429.6	614.1	338.1	241.5	179.4	158.7	138.0	124.2	110.4	110.4
62.5°	8969.6	3180.8	496.8	282.9	227.7	158.7	144.9	124.2	96.6	75.9	75.9
65°	6879.0	2283.8	386.4	227.7	207.0	138.0	124.2	103.5	75.9	55.2	55.2
67.5°	4450.3	1476.5	289.8	200.1	158.7	117.3	96.6	82.8	69.0	48.3	41.4
70°	2345.9	862.5	213.9	172.5	117.3	89.7	82.8	69.0	55.2	34.5	34.5
72.5°	1214.3	565.8	158.7	151.8	89.7	62.1	69.0	55.2	41.4	20.7	20.7
75°	779.7	379.5	117.3	124.2	55.2	48.3	48.3	34.5	20.7	13.8	6.9
77.5°	503.7	255.3	82.8	103.5	34.5	27.6	27.6	13.8	6.9	0.0	0.0
80°	296.7	158.7	55.2	69.0	13.8	13.8	6.9	0.0	0.0	0.0	0.0
82.5°	151.8	82.8	27.6	27.6	6.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	96.6	41.4	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	48.3	13.8	6.9	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

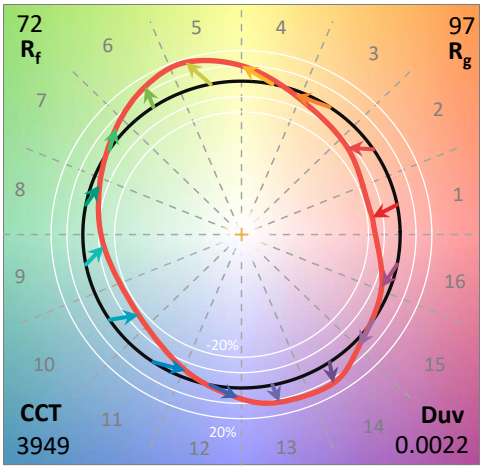
Test Information

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



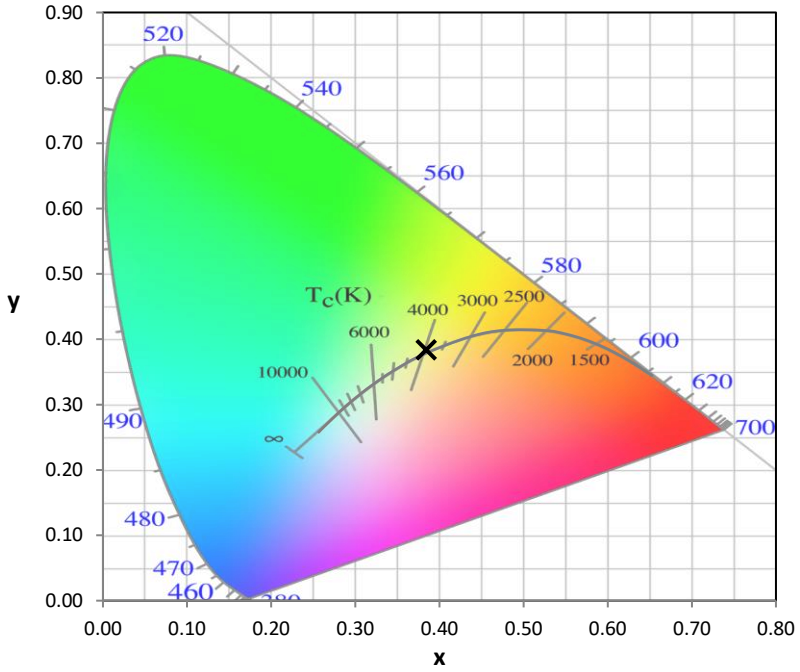
Test Conditions

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

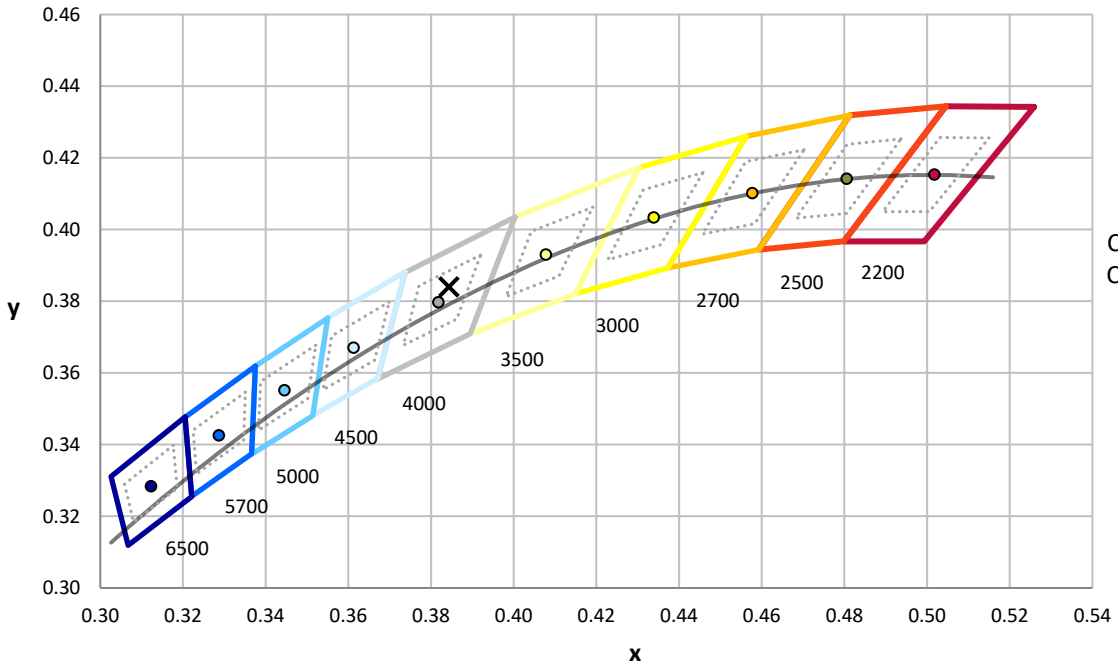
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

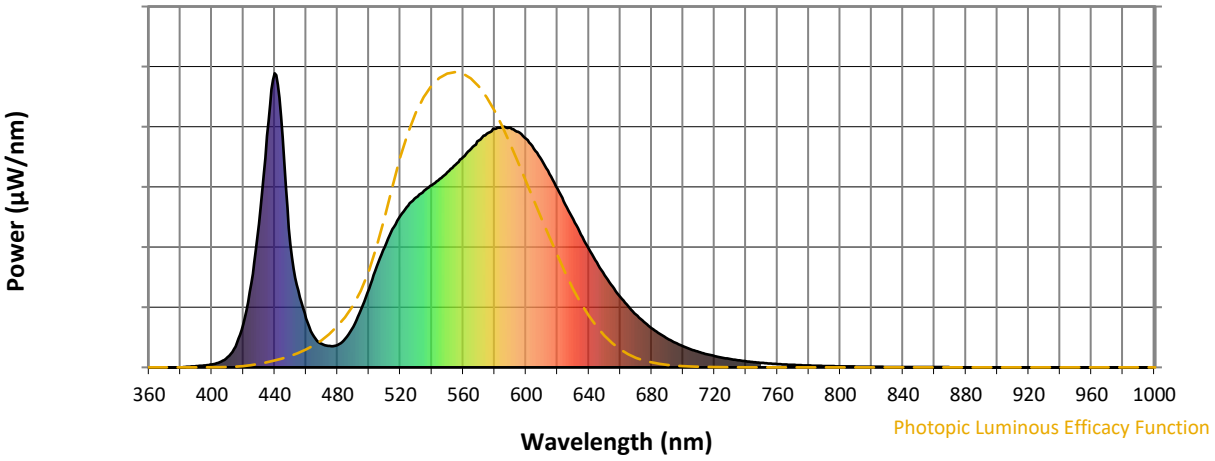


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

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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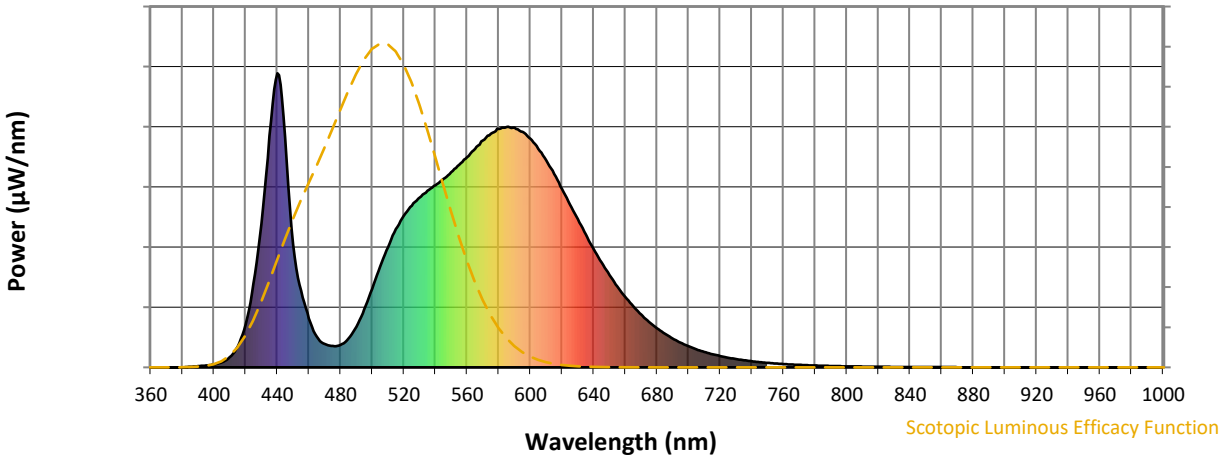
Scotopic Flux vs. Wavelength



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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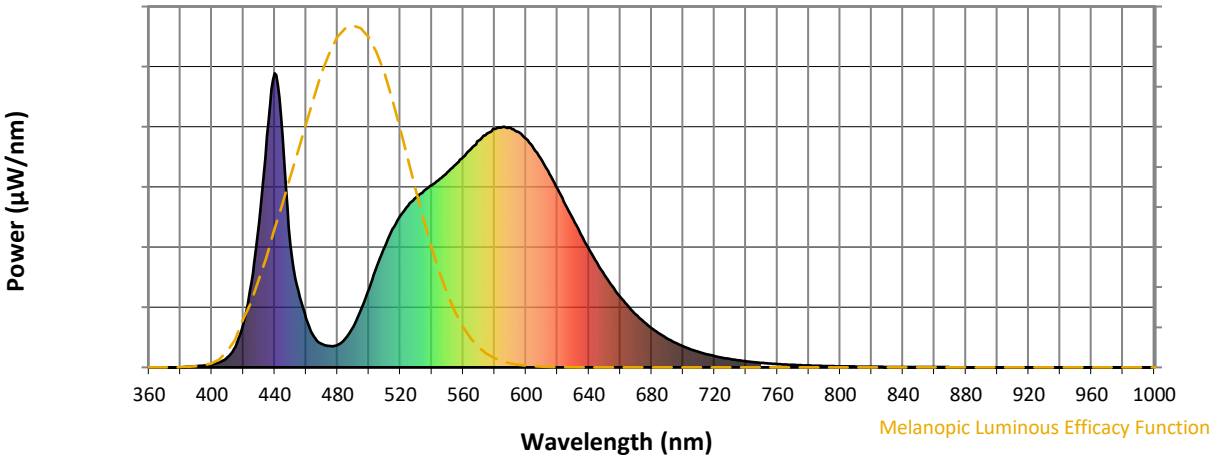
Melanopic Flux vs. Wavelength



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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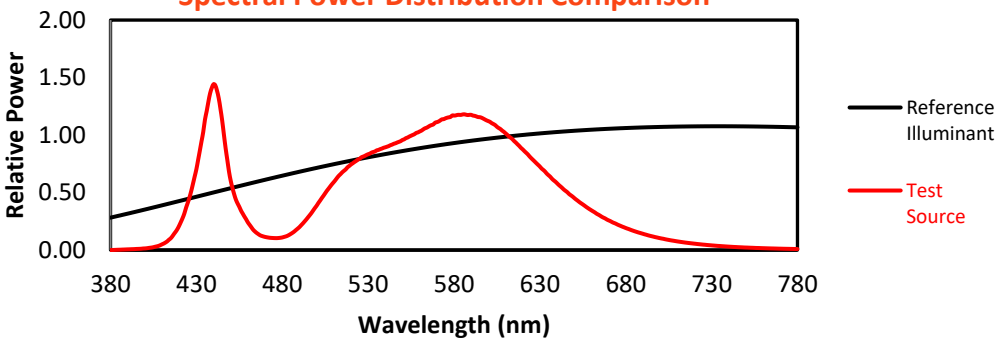
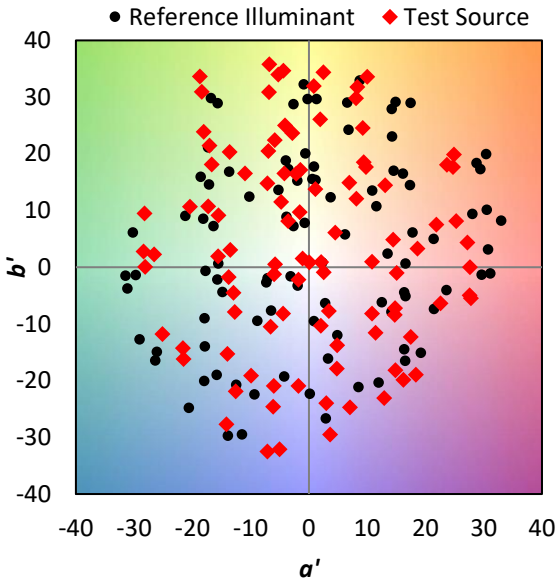
Summary

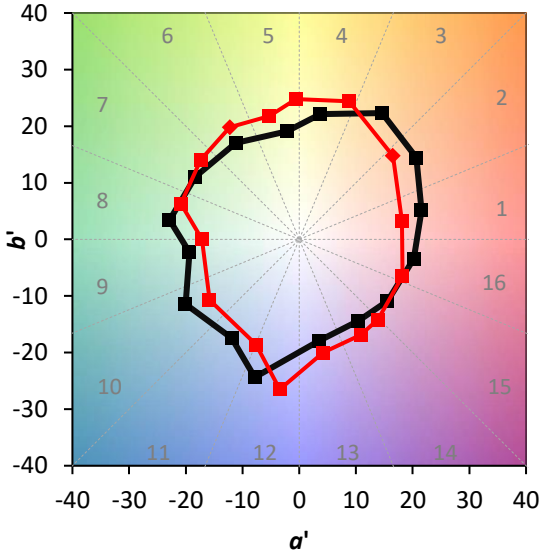
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

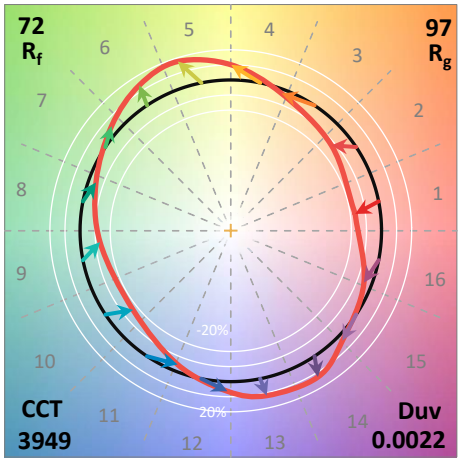
Spectral Power Distribution Comparison

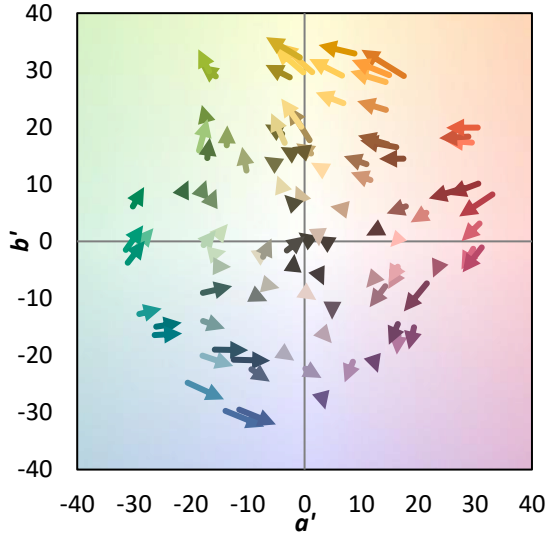


Color Vector Graphics









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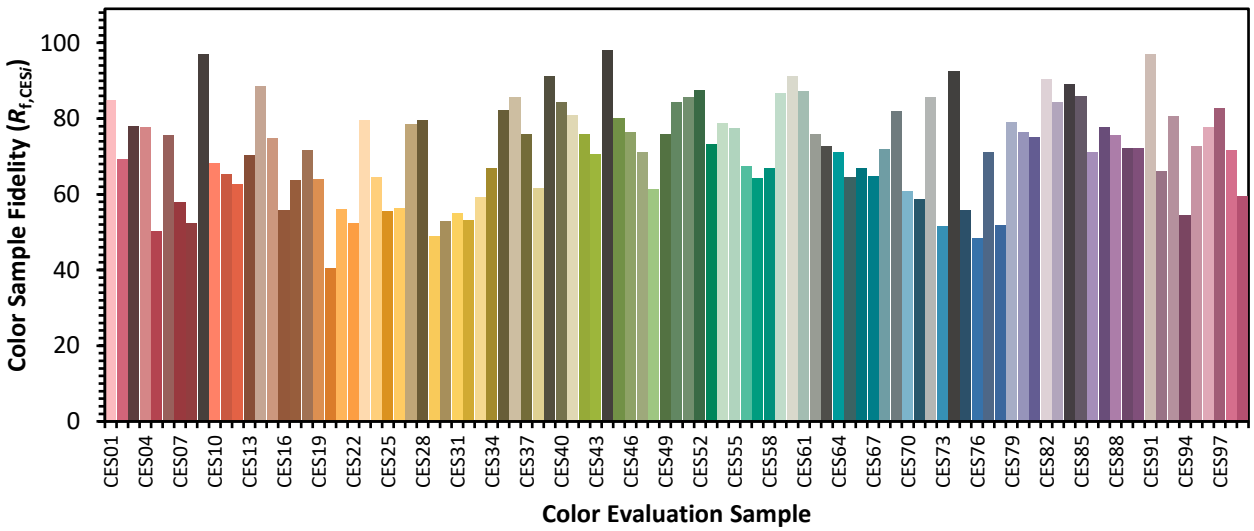
Individual Sample Fidelity Index ($R_{f,i}$)

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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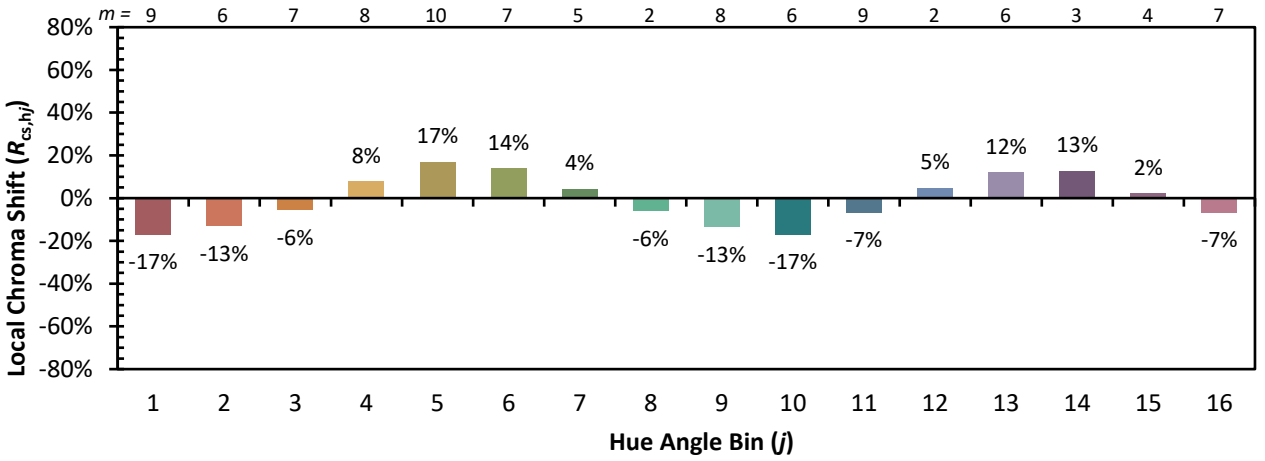
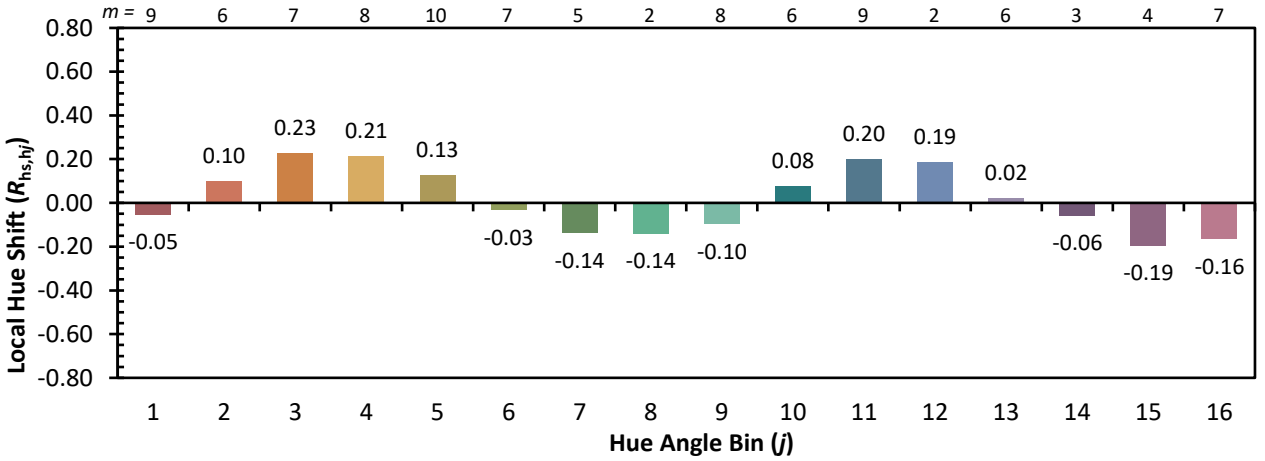
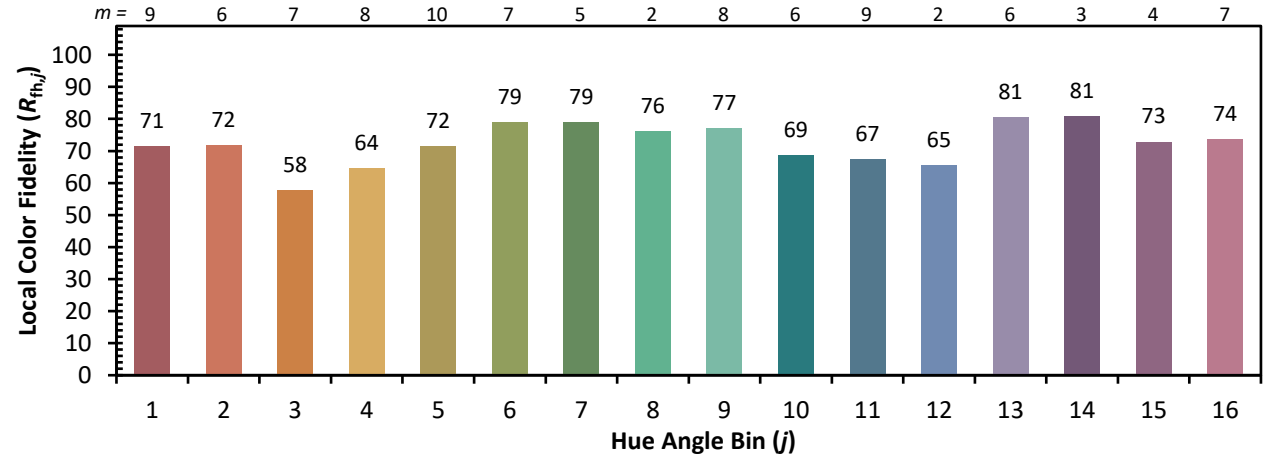
Color Rendition by Hue-Angle Bin







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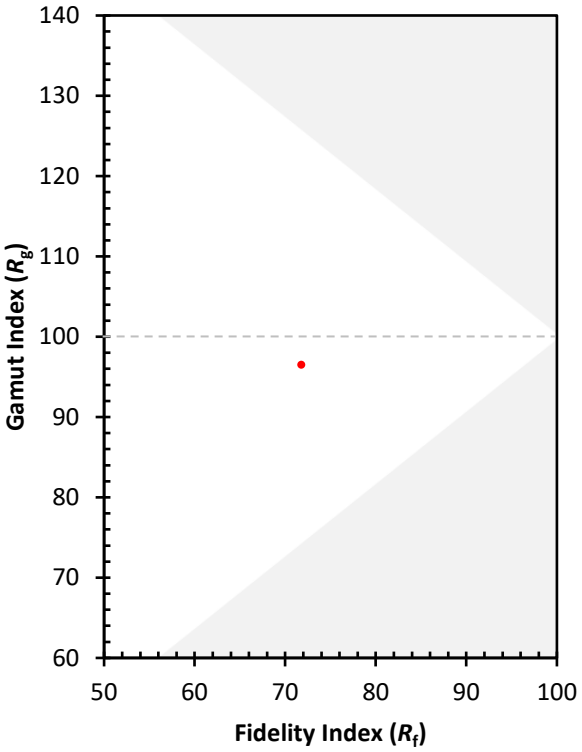
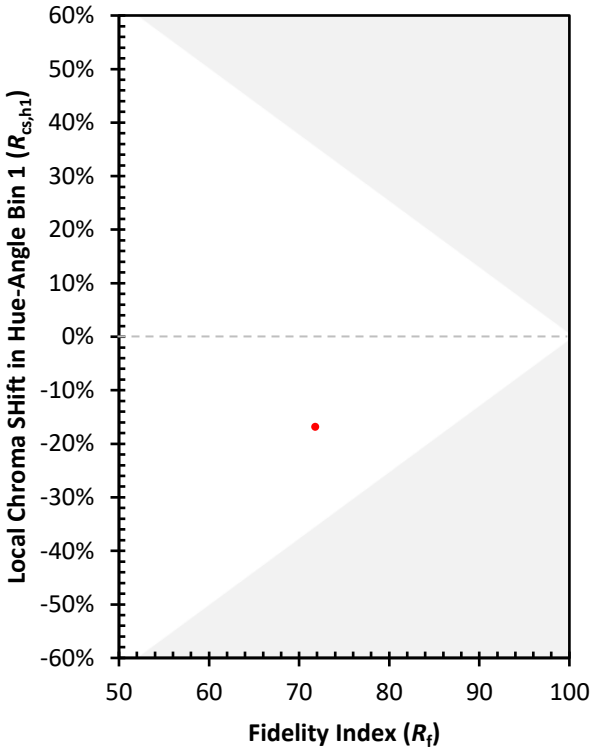
Measure Comparisons





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