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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: STREETWORKS

Report Number: P1063890

Luminaire Tested: **GLAN-SA5B-740-U-T4BC**

Issue Date: 08/07/2025

Report Generated By 670347003

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1063890
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SA5B-740-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(70) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22574 lumens
Efficiency:	N/A
Efficacy:	126.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	178.8
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: P1063890
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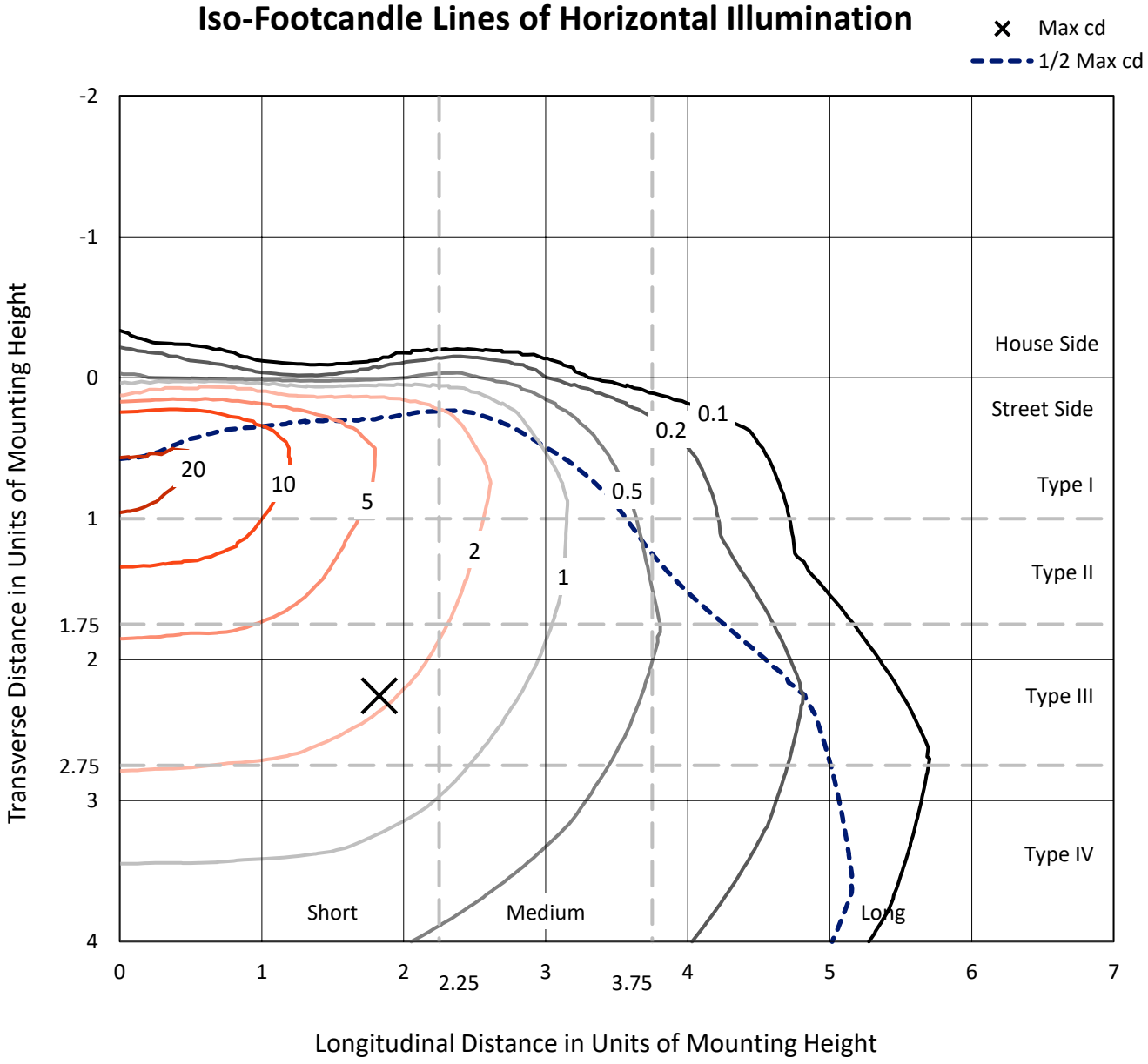
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 23.2 fc
Type IV - Short - N/A

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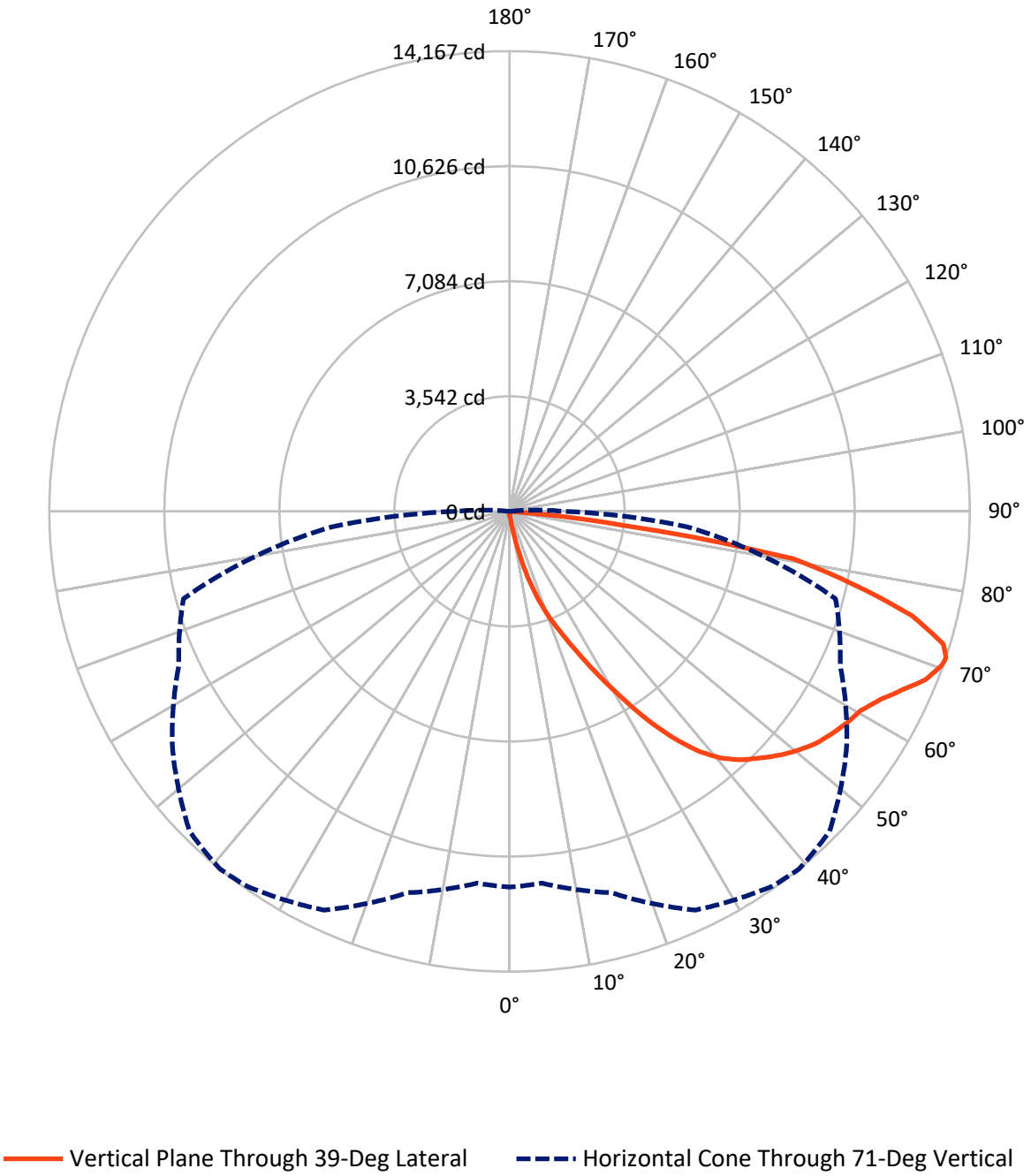
Luminous Intensity Polar Plot



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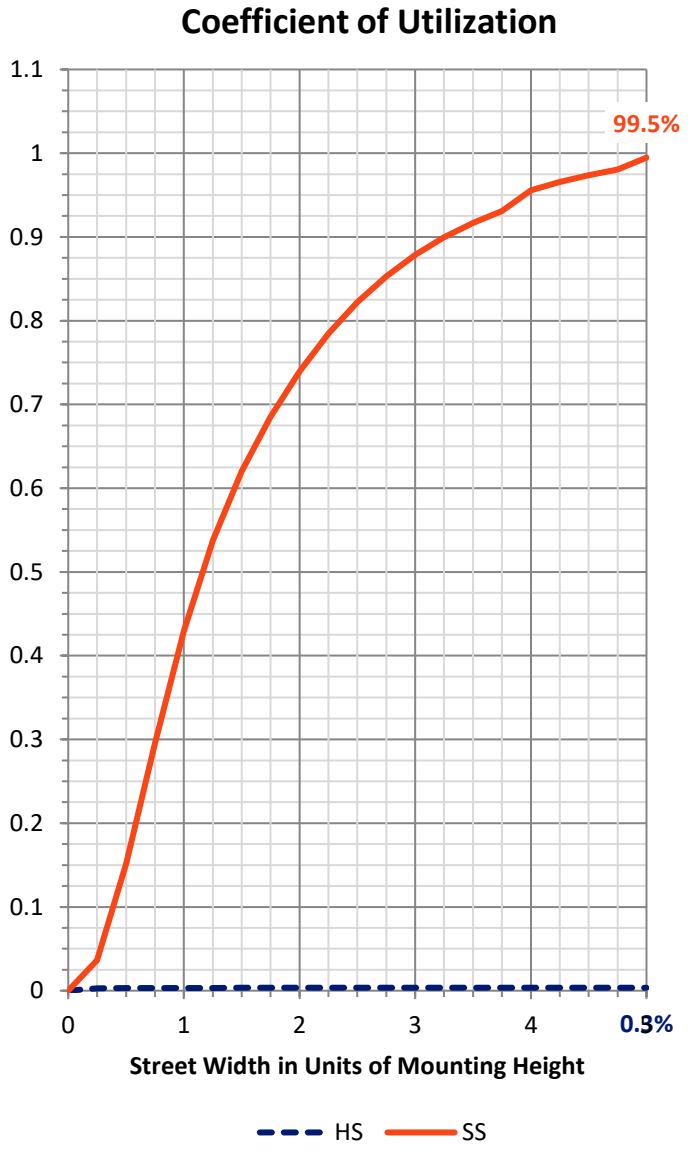
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	80.2	0.0	80.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22493.7	0.0	22493.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	22574.0	0.0	22574.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.9	0.1
10°-20°	241.3	1.1
20°-30°	859.2	3.8
30°-40°	2070.8	9.2
40°-50°	3465.7	15.4
50°-60°	4451.2	19.7
60°-70°	5633.0	25.0
70°-80°	5022.1	22.2
80°-90°	811.8	3.6
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°	22574.0	100.0
0°-180°	22574.0	100.0



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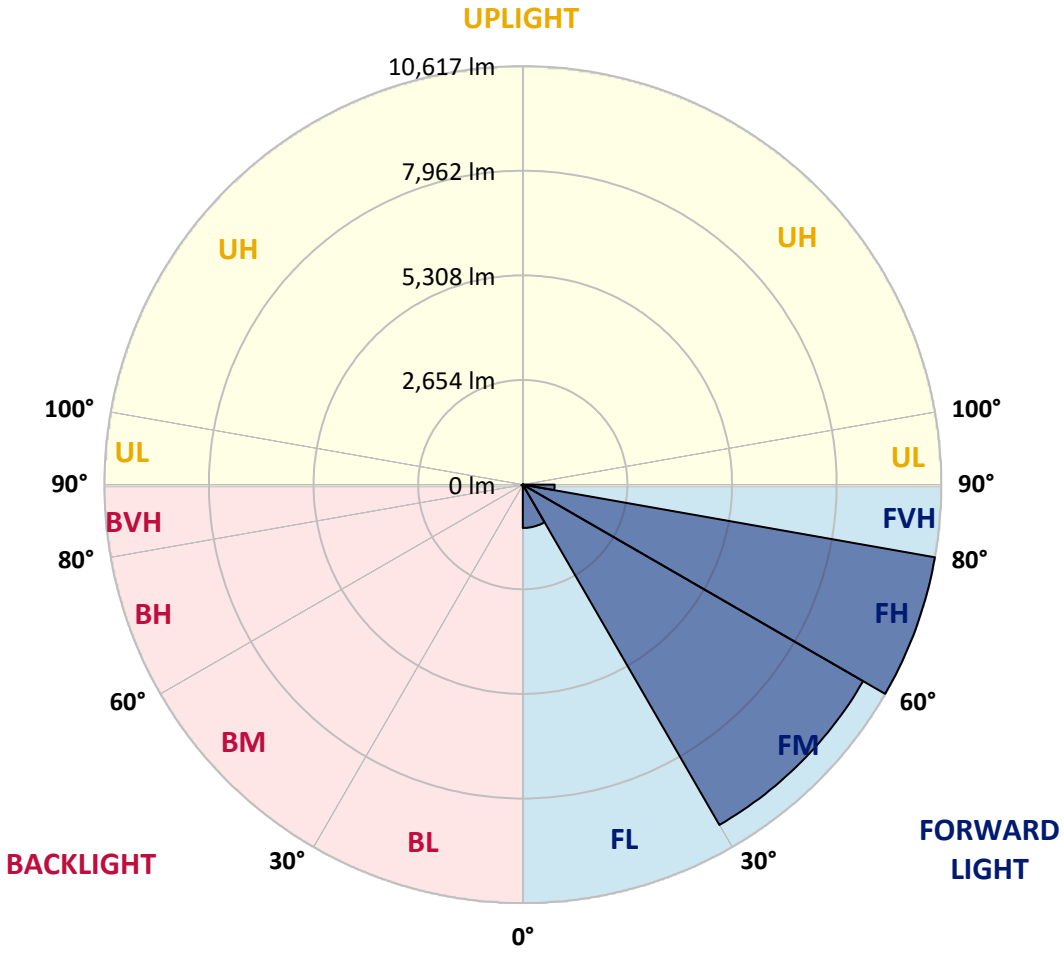
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1100.0	4.9			
FM	(30°-60°)	9969.1	44.2			
FH	(60°-80°)	10616.6	47.0			G4/12000
FVH	(80°-90°)	808.1	3.6			G5
BL	(0°-30°)	19.4	0.1	B0/110		
BM	(30°-60°)	18.6	0.1	B0/220		
BH	(60°-80°)	38.6	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	123.8	123.8	123.8	123.8	123.8	*123.8*	123.8	123.8	123.8	123.8	123.8
2.5°	142.1	142.1	142.1	137.5	137.5	*136.0*	134.5	134.5	131.4	129.9	126.8
5°	215.5	210.9	200.2	194.1	181.8	*174.2*	166.6	155.9	145.2	137.5	128.4
7.5°	487.5	498.2	463.0	397.3	330.1	*301.0*	252.1	203.2	168.1	145.2	129.9
10°	1242.4	1236.3	1117.1	985.6	761.0	*670.9*	525.7	331.6	217.0	158.9	131.4
12.5°	2113.4	2107.3	1966.7	1787.9	1491.5	*1303.5*	1028.4	618.9	311.7	180.3	131.4
15°	2845.4	2820.9	2776.6	2599.4	2252.5	*2095.1*	1731.4	1094.1	504.3	217.0	134.5
17.5°	3329.8	3308.4	3267.2	3203.0	2982.9	*2796.5*	2504.6	1719.2	816.0	281.2	140.6
20°	3774.5	3759.2	3725.6	3713.4	3571.3	*3471.9*	3230.5	2437.4	1271.4	382.0	149.8
22.5°	4385.8	4353.7	4367.4	4294.1	4155.0	*4035.8*	3887.6	3189.2	1827.7	550.1	166.6
25°	5134.5	5119.3	5081.1	5029.1	4836.6	*4732.6*	4504.9	3898.3	2449.6	770.2	184.9
27.5°	6039.2	6022.4	6013.2	5894.0	5672.4	*5559.4*	5241.5	4567.6	3149.5	1078.9	209.4
30°	7081.4	7089.0	7029.4	6876.6	6618.4	*6459.4*	6132.4	5269.0	3866.2	1441.0	235.3
32.5°	8160.3	8145.0	8053.3	7873.0	7642.2	*7494.0*	7078.3	6037.7	4618.0	1919.3	265.9
35°	9323.2	9294.1	9052.7	8846.4	8649.3	*8462.8*	8083.8	6930.1	5369.9	2455.7	307.2
37.5°	10496.8	10360.8	9876.4	9615.0	9479.0	*9326.2*	8973.2	7882.1	6117.1	3054.7	357.6
40°	11383.1	11277.7	10703.1	10221.7	10113.2	*9983.3*	9720.5	8704.3	6911.8	3698.1	418.7
42.5°	11873.6	11815.6	11299.0	10823.8	10568.6	*10454.0*	10229.4	9422.5	7697.2	4408.7	507.3
45°	12083.0	11992.8	11647.5	11425.9	11019.4	*10829.9*	10562.5	9965.0	8517.8	5215.5	631.1
47.5°	12018.8	11966.8	11719.3	11800.3	11505.3	*11210.4*	10817.7	10380.6	9219.3	6141.6	800.7
50°	11615.4	11571.1	11494.7	11933.2	11896.6	*11548.1*	11147.8	10709.2	9792.3	7096.7	1063.6
52.5°	10848.2	10829.9	11025.5	11829.3	12118.1	*11846.1*	11465.6	10999.5	10327.2	8094.5	1439.5
55°	9859.5	9934.4	10493.7	11667.3	12231.2	*12066.2*	11746.8	11271.5	10756.6	8987.0	1994.2
57.5°	9453.1	9472.9	10171.3	11552.7	12281.6	*12260.2*	12020.3	11531.3	11150.8	9700.6	2840.8
60°	9928.3	9897.7	10266.0	11639.8	12382.5	*12434.5*	12263.3	11772.8	11493.1	10313.4	3968.6
62.5°	10787.1	10770.3	10888.0	12011.2	12677.4	*12782.9*	12601.0	11947.0	11795.7	10716.8	5255.3
65°	11554.2	11519.1	11737.6	12669.8	13195.5	*13270.3*	13111.4	12245.0	11928.6	11010.2	6464.0
67.5°	11885.9	11878.2	12229.7	13296.3	13739.5	*13820.5*	13681.4	12656.0	11898.1	11103.4	6997.3
70°	11734.6	11705.5	12267.9	13562.2	14046.6	*14138.3*	14003.9	12808.8	11566.5	10808.5	6207.3
71°	*11568.0*	*11490.1*	*12153.3*	*13543.9*	*14089.4*	*14167.4*	*13932.0*	*12669.8*	*11233.3*	*10389.8*	*5490.6*
72.5°	11051.5	11065.2	11838.5	13352.9	13987.0	*13964.1*	13525.5	12171.6	10831.4	9439.3	4410.2
75°	9780.1	9861.1	10819.2	12550.6	13073.2	*12781.3*	12110.5	11219.6	10024.6	6768.1	3062.4
77.5°	7992.2	8112.9	9165.8	11007.2	10858.9	*10829.9*	10802.4	9885.5	8560.6	3635.4	2130.2
80°	3815.8	4077.1	5528.8	7857.7	8536.2	*8864.7*	8658.4	7966.2	6619.9	1731.4	1272.9
82.5°	249.1	246.0	348.4	660.2	2782.7	*3597.2*	5715.2	5693.8	4615.0	843.5	519.6
85°	117.7	120.7	132.9	151.3	175.7	*192.5*	265.9	1558.7	2208.2	401.9	113.1
87.5°	68.8	70.3	82.5	105.4	137.5	*152.8*	181.8	233.8	287.3	221.6	24.5
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-SA5B-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8
2.5°	125.3	123.8	119.2	114.6	110.0	107.0	105.4	107.0	107.0	108.5	108.5
5°	125.3	120.7	113.1	103.9	97.8	91.7	88.6	87.1	88.6	88.6	88.6
7.5°	123.8	116.1	105.4	94.7	87.1	79.5	76.4	74.9	74.9	76.4	76.4
10°	120.7	113.1	99.3	87.1	77.9	68.8	64.2	59.6	59.6	59.6	61.1
12.5°	119.2	108.5	91.7	79.5	67.2	56.5	47.4	42.8	44.3	44.3	44.3
15°	116.1	103.9	87.1	71.8	56.5	42.8	35.1	30.6	32.1	33.6	32.1
17.5°	116.1	102.4	81.0	62.7	44.3	32.1	26.0	22.9	22.9	24.5	24.5
20°	116.1	99.3	76.4	53.5	33.6	24.5	18.3	16.8	16.8	19.9	21.4
22.5°	119.2	99.3	70.3	44.3	27.5	18.3	13.8	12.2	13.8	16.8	18.3
25°	123.8	97.8	64.2	39.7	22.9	13.8	10.7	7.6	9.2	12.2	13.8
27.5°	128.4	96.3	58.1	35.1	18.3	10.7	7.6	6.1	4.6	6.1	6.1
30°	132.9	96.3	52.0	29.0	15.3	7.6	4.6	3.1	1.5	0.0	0.0
32.5°	136.0	93.2	47.4	22.9	12.2	6.1	3.1	1.5	0.0	0.0	0.0
35°	139.1	90.2	41.3	18.3	9.2	4.6	1.5	0.0	0.0	0.0	0.0
37.5°	142.1	85.6	35.1	15.3	7.6	3.1	0.0	0.0	0.0	0.0	0.0
40°	145.2	79.5	29.0	13.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	148.2	74.9	24.5	10.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	155.9	71.8	19.9	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	169.6	68.8	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	189.5	65.7	16.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	217.0	64.2	15.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	265.9	62.7	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	349.9	61.1	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	536.4	58.1	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	958.1	56.5	12.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1670.3	58.1	12.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2394.6	61.1	10.7	4.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	2049.2	53.5	10.7	6.1	3.1	1.5	0.0	0.0	0.0	0.0	0.0
71°	*1670.3*	*47.4*	*10.7*	*6.1*	*3.1*	*1.5*	*1.5*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1074.3	36.7	9.2	6.1	3.1	3.1	1.5	0.0	0.0	0.0	0.0
75°	453.9	30.6	9.2	6.1	4.6	3.1	3.1	1.5	0.0	0.0	0.0
77.5°	194.1	22.9	9.2	7.6	6.1	4.6	4.6	3.1	1.5	0.0	0.0
80°	73.4	18.3	10.7	9.2	7.6	7.6	6.1	3.1	1.5	0.0	0.0
82.5°	33.6	15.3	10.7	9.2	9.2	7.6	6.1	4.6	3.1	0.0	0.0
85°	21.4	13.8	10.7	9.2	9.2	7.6	7.6	4.6	3.1	0.0	0.0
87.5°	16.8	13.8	10.7	10.7	9.2	9.2	6.1	4.6	1.5	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

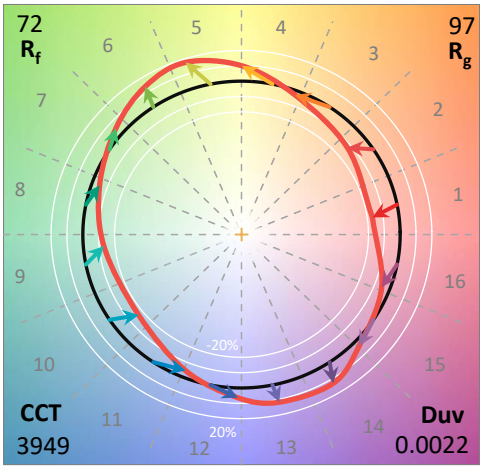
Test Information

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

REPORT NUMBER: SP1-2407-184-1

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

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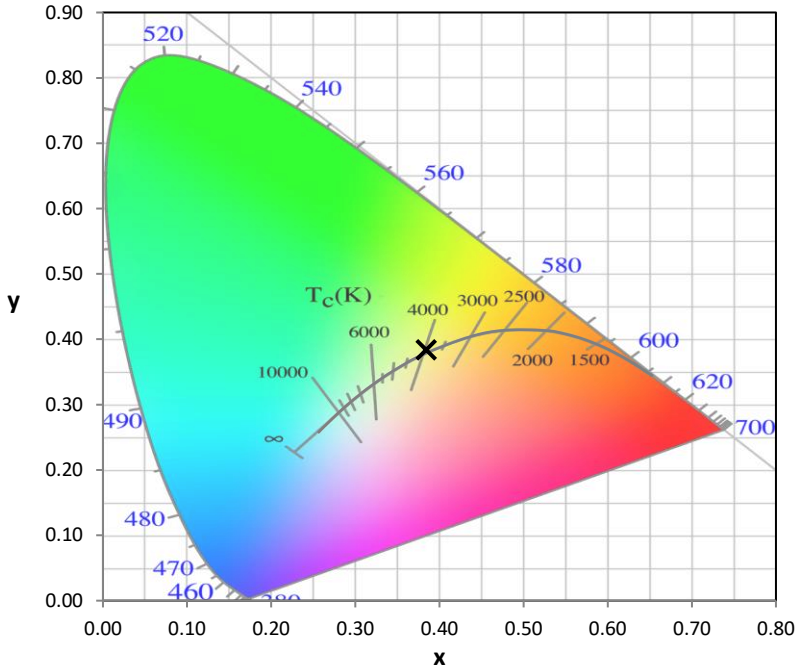
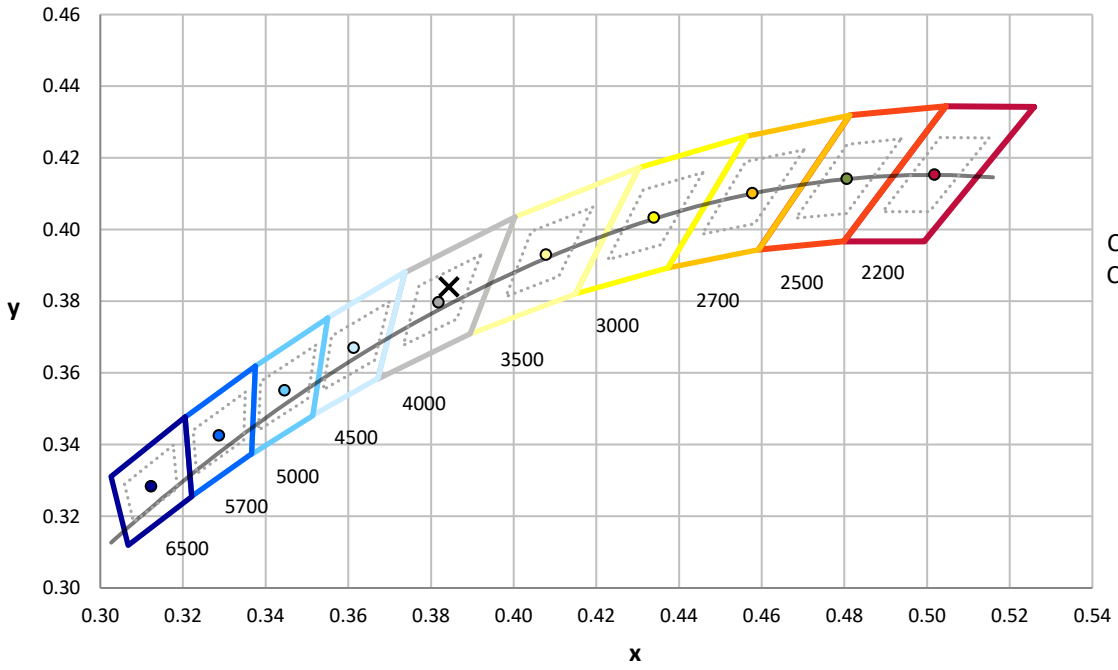
CIE 1931 Chromaticity Diagram



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

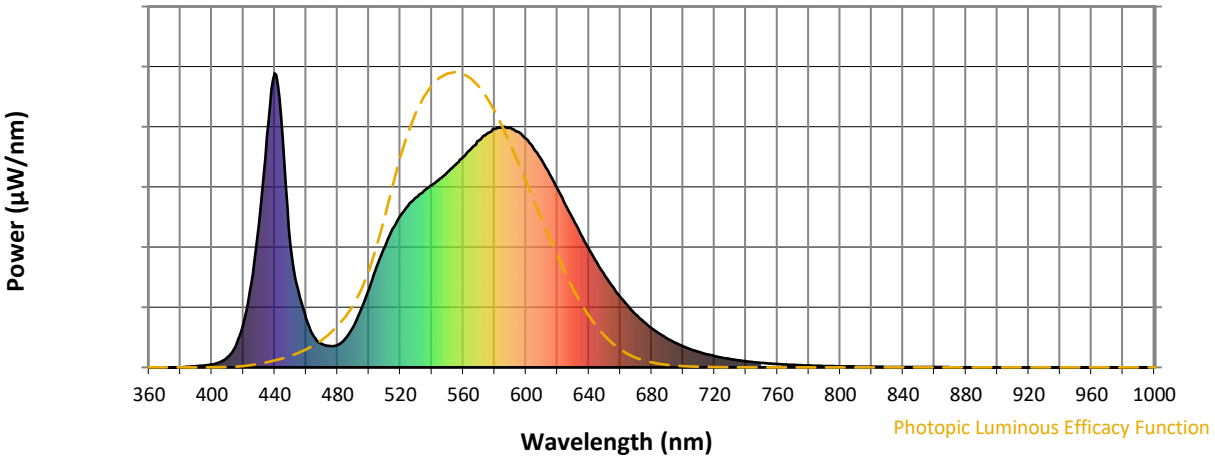


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

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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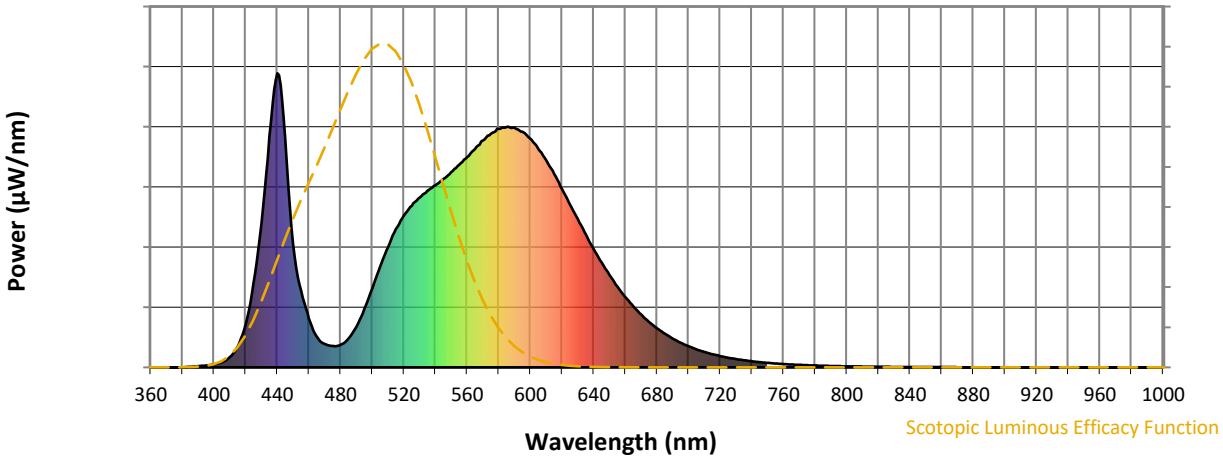
Scotopic Flux vs. Wavelength



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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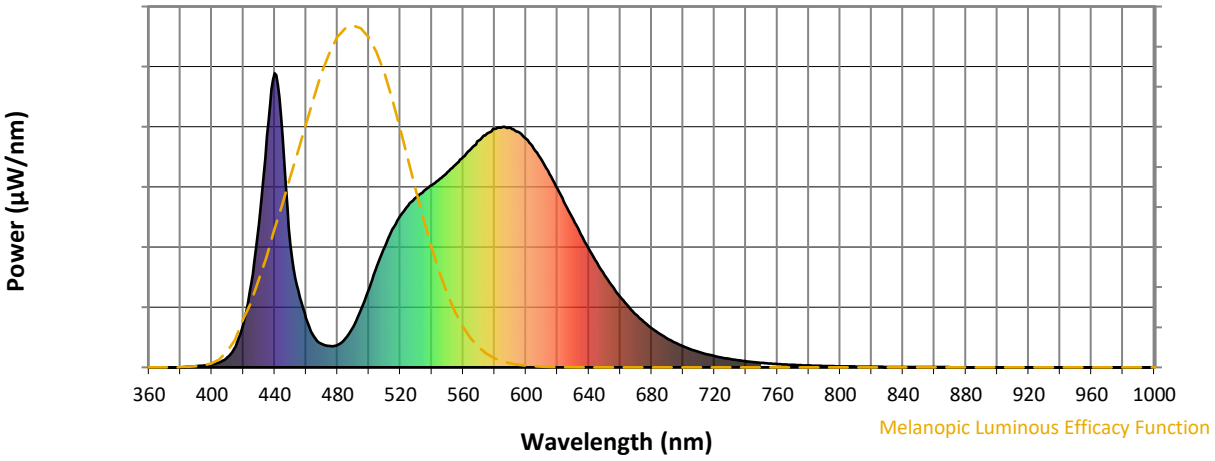
Melanopic Flux vs. Wavelength



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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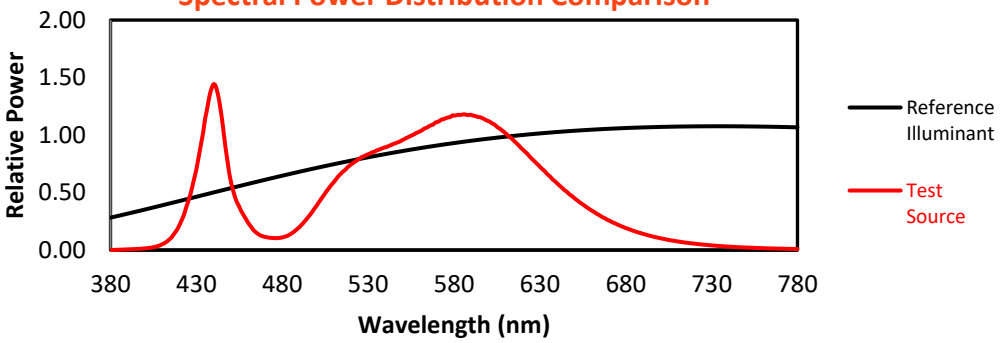
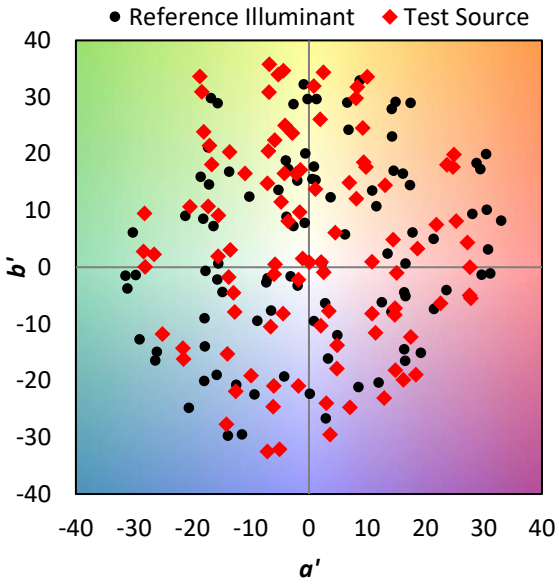
Summary

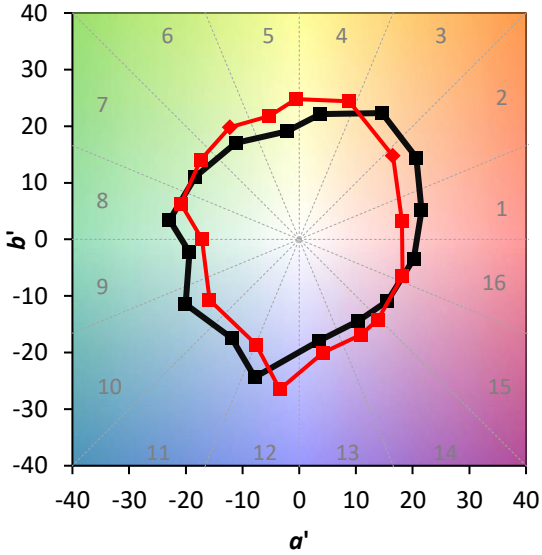
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

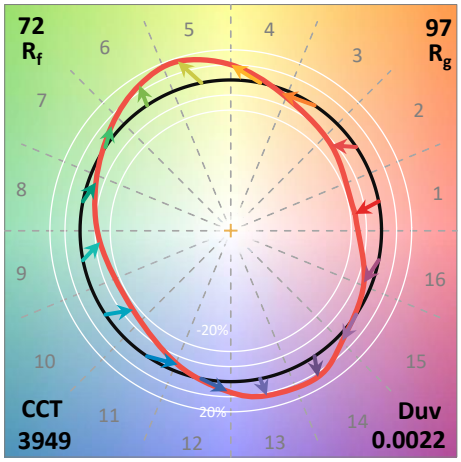
Spectral Power Distribution Comparison

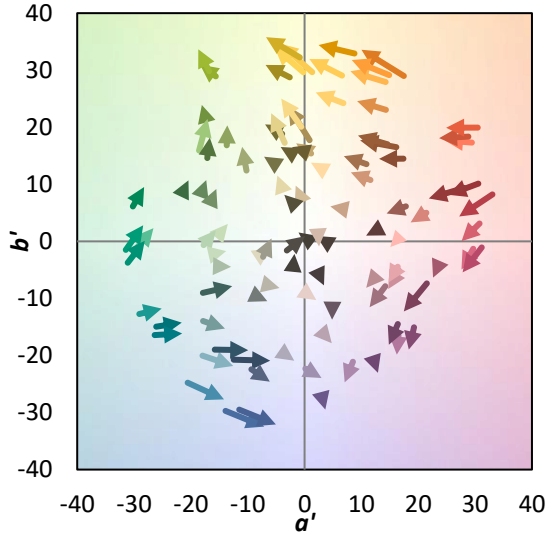


Color Vector Graphics









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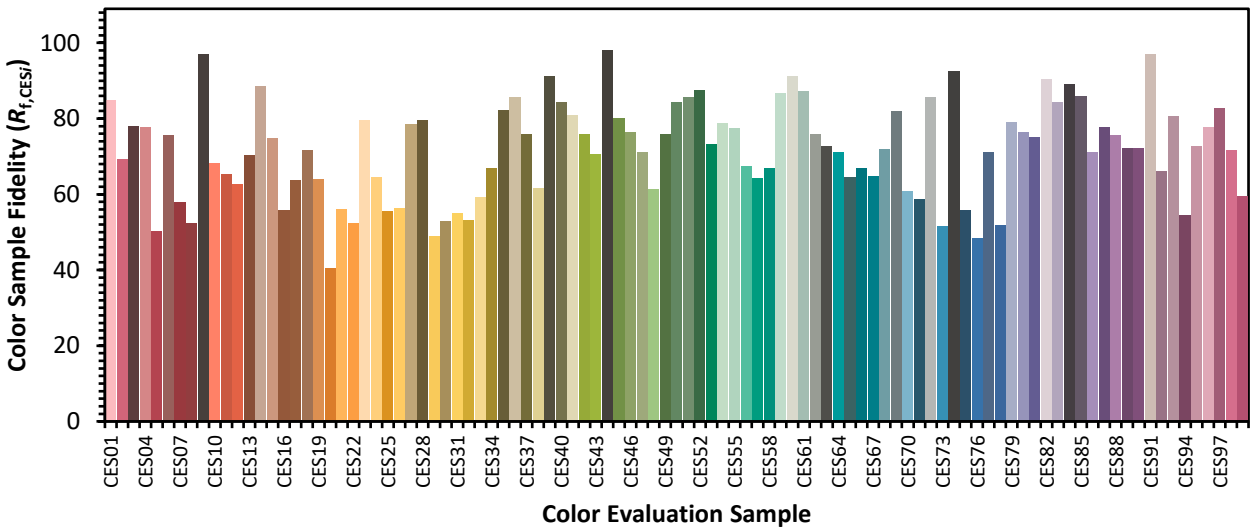
Individual Sample Fidelity Index ($R_{f,i}$)

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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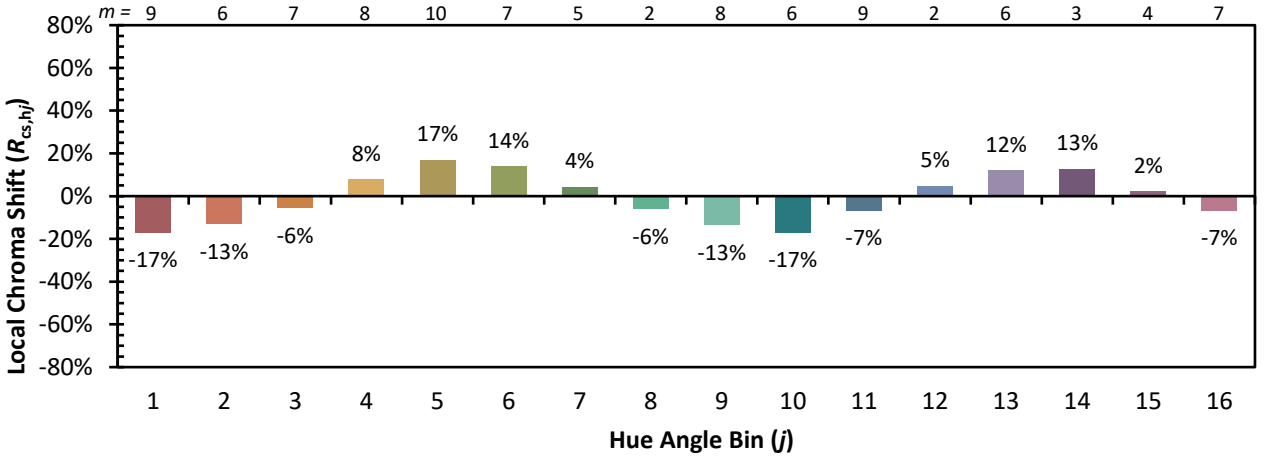
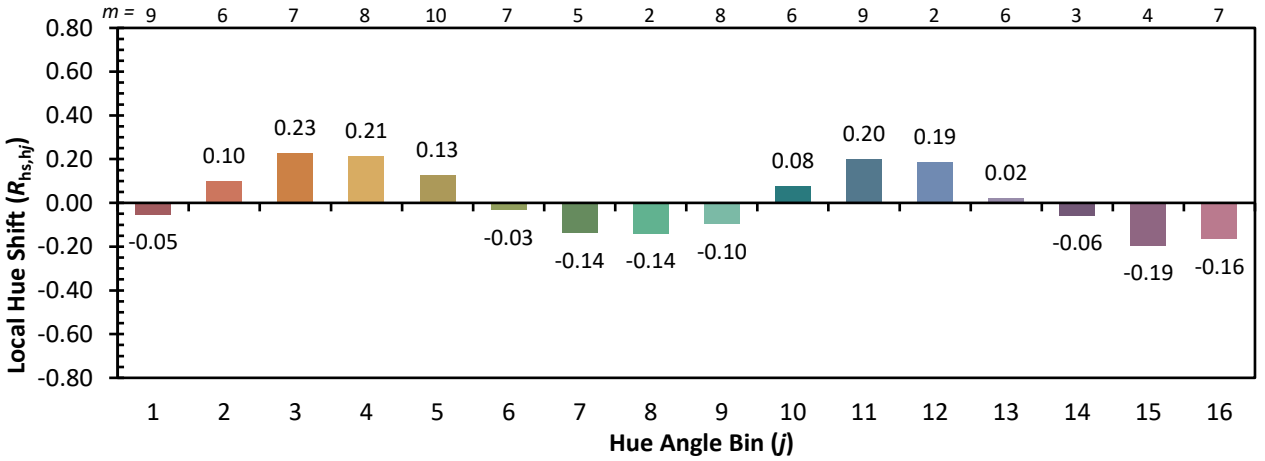
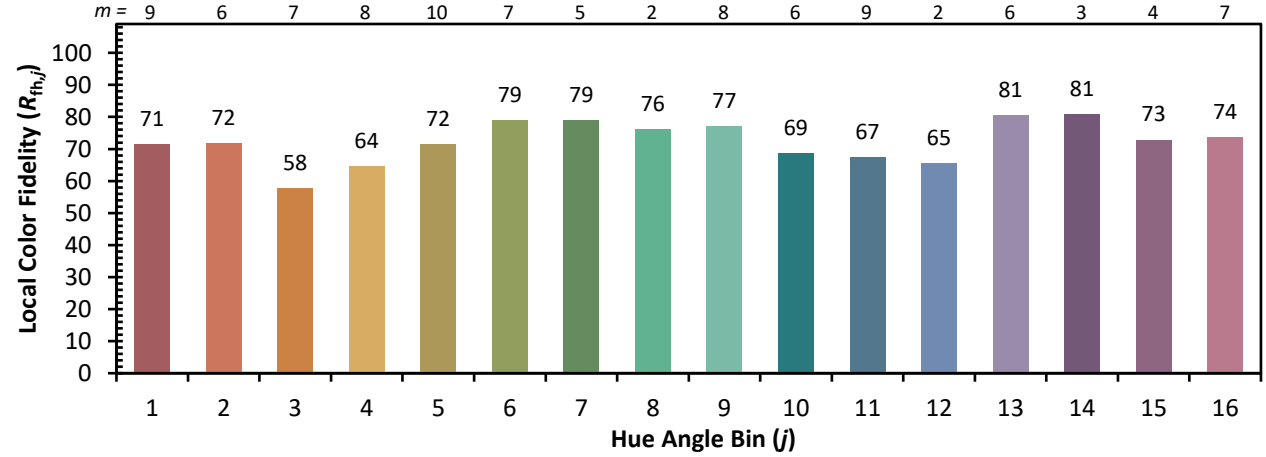
Color Rendition by Hue-Angle Bin







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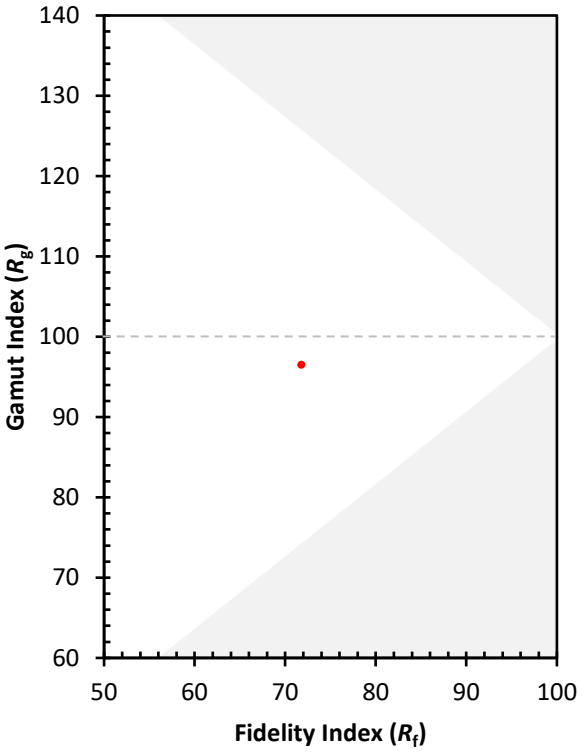
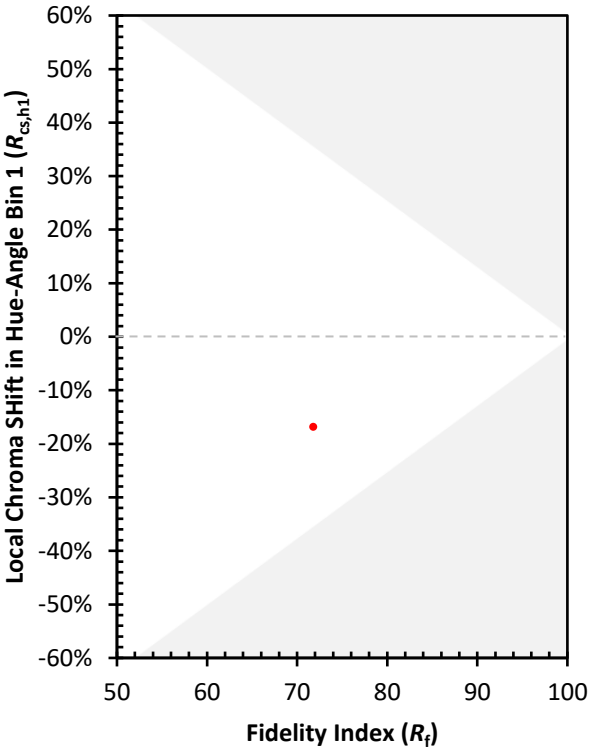
Measure Comparisons





(END OF REPORT)