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: P1064402

Luminaire Tested: **GLAN-SA7B-935-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:	P1064402
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SA7B-935-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(98) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23152.2 lumens
Efficiency:	N/A
Efficacy:	92.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	249.5
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: P1064402
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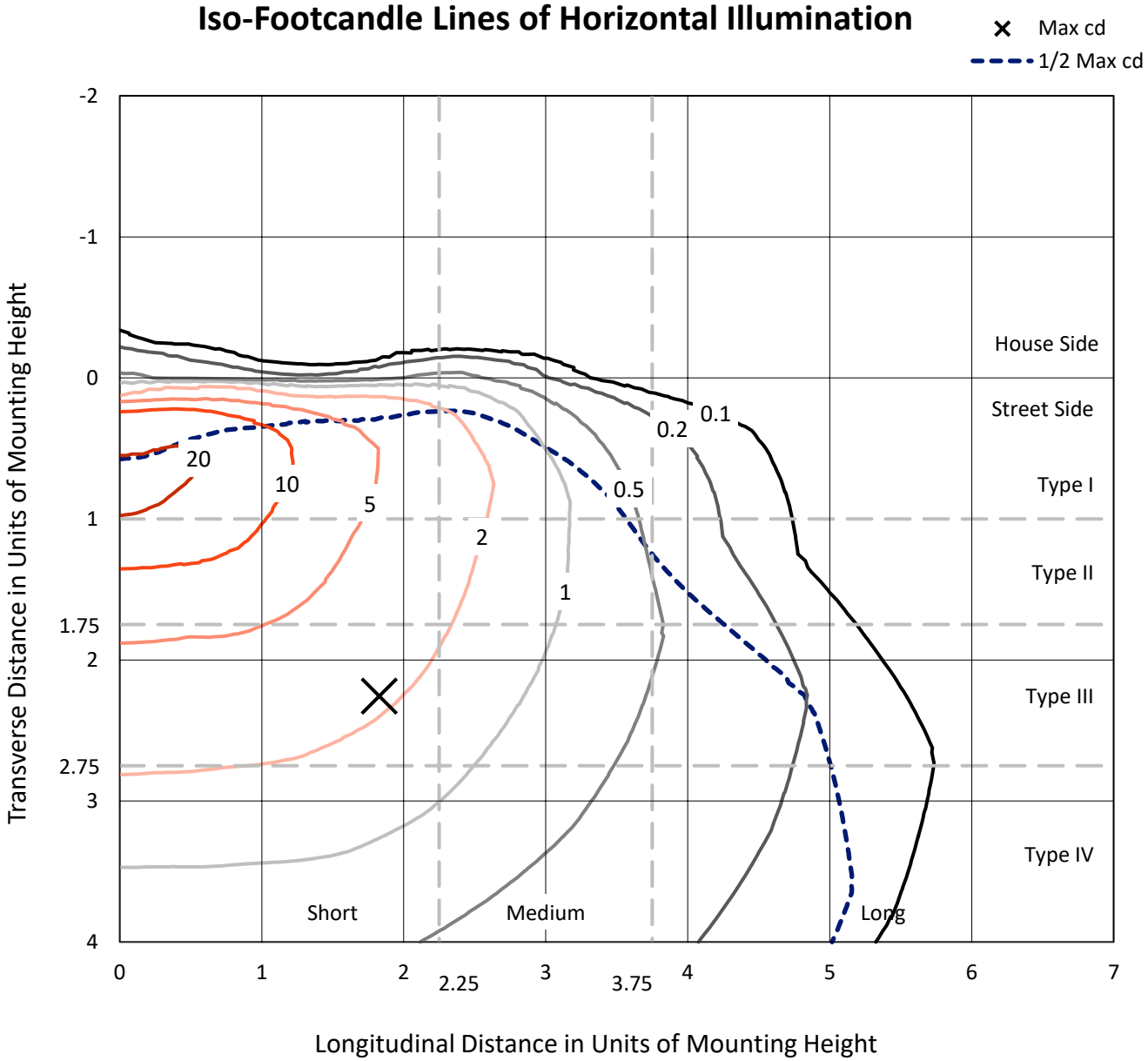
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 23.8 fc
Type IV - Short - N/A

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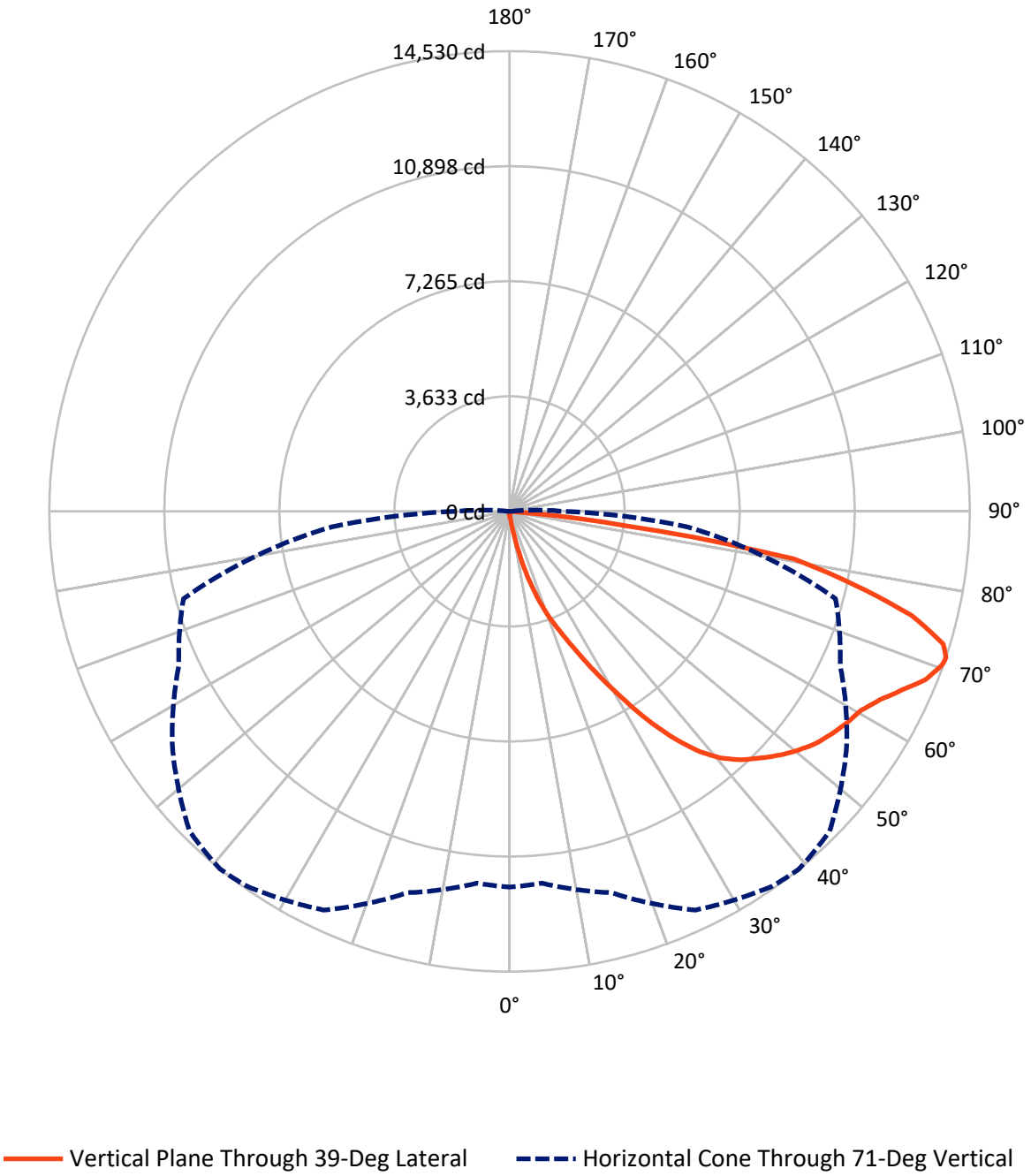
Luminous Intensity Polar Plot



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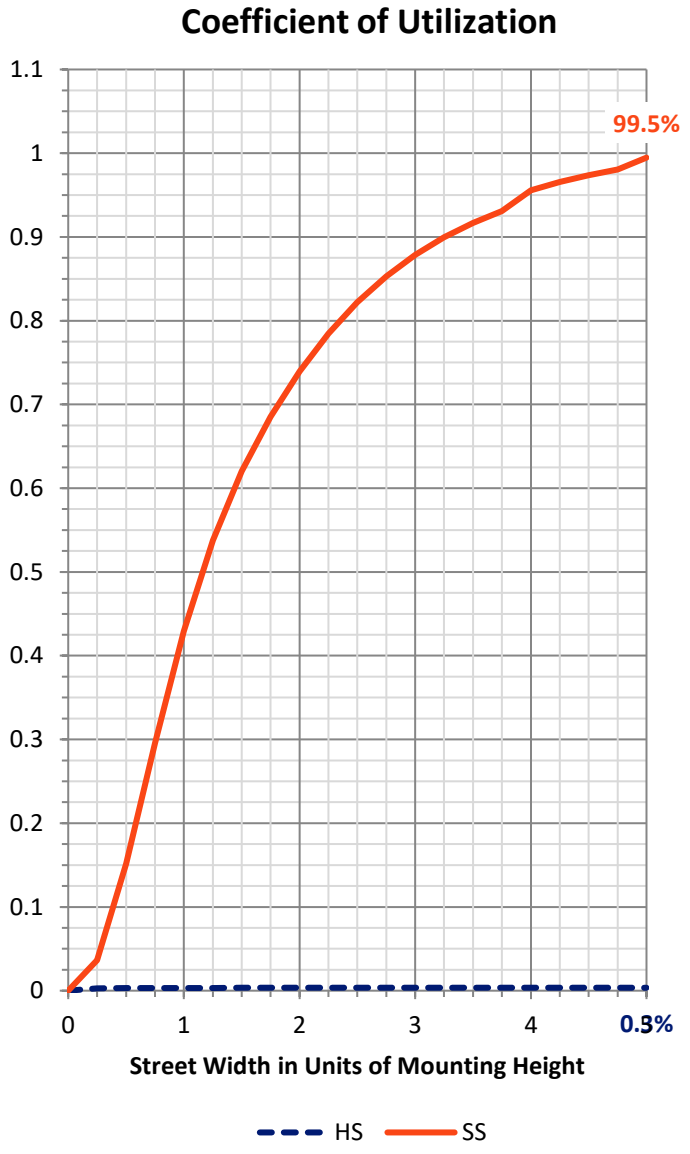
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	82.3	0.0	82.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23070.0	0.0	23070.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	23152.2	0.0	23152.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	0.1
10°-20°	247.4	1.1
20°-30°	881.2	3.8
30°-40°	2123.9	9.2
40°-50°	3554.4	15.4
50°-60°	4565.2	19.7
60°-70°	5777.3	25.0
70°-80°	5150.7	22.2
80°-90°	832.6	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°	23152.2	100.0
0°-180°	23152.2	100.0



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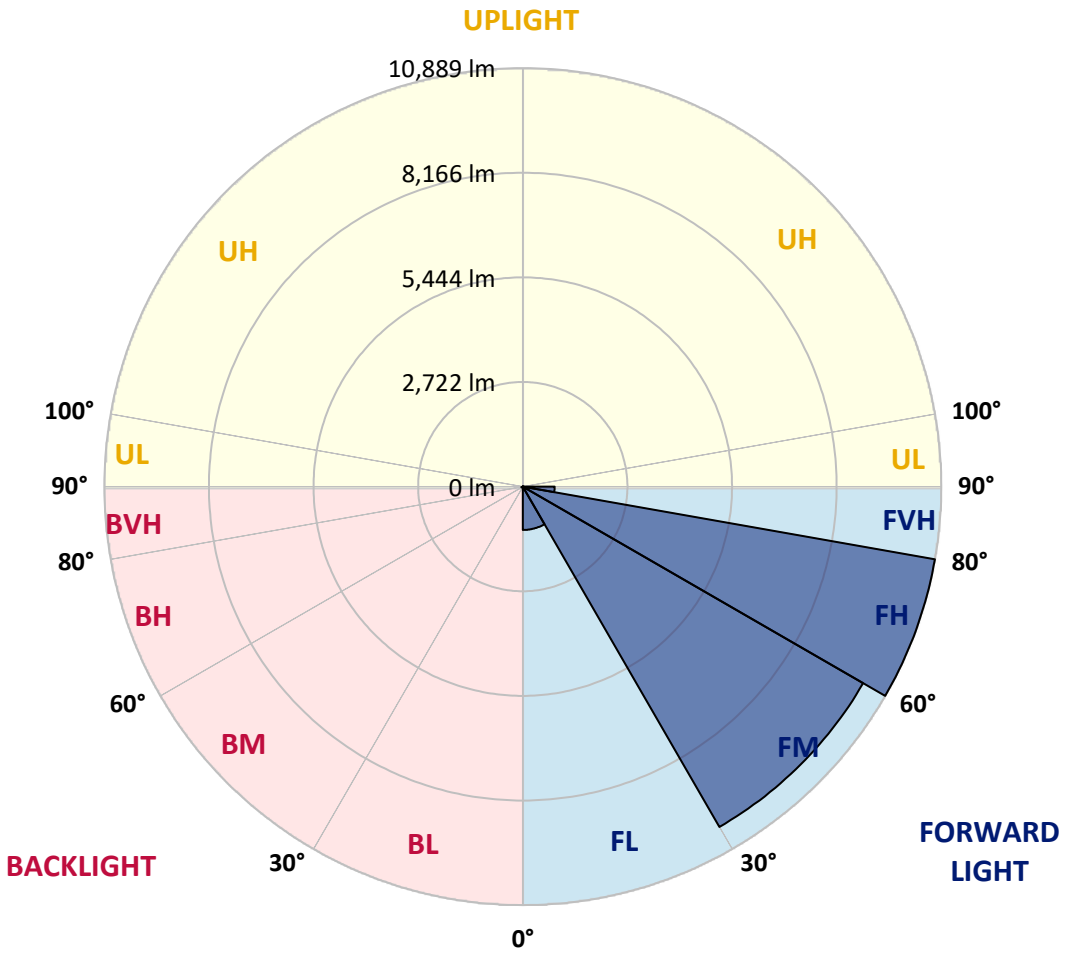
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1128.1	4.9			
FM	(30°-60°)	10224.5	44.2			
FH	(60°-80°)	10888.5	47.0			G4/12000
FVH	(80°-90°)	828.8	3.6			G5
BL	(0°-30°)	19.9	0.1	B0/110		
BM	(30°-60°)	19.0	0.1	B0/220		
BH	(60°-80°)	39.6	0.2	B0/110		G0/110
BVH	(80°-90°)	3.8	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°	126.9	126.9	126.9	126.9	126.9	*126.9*	126.9	126.9	126.9	126.9	126.9
2.5°	145.8	145.8	145.8	141.1	141.1	*139.5*	137.9	137.9	134.8	133.2	130.1
5°	221.0	216.3	205.3	199.0	186.5	*178.7*	170.8	159.9	148.9	141.1	131.7
7.5°	500.0	510.9	474.9	407.5	338.5	*308.8*	258.6	208.4	172.4	148.9	133.2
10°	1274.2	1267.9	1145.7	1010.9	780.5	*688.0*	539.1	340.1	222.6	163.0	134.8
12.5°	2167.6	2161.3	2017.1	1833.7	1529.7	*1336.9*	1054.8	634.7	319.7	184.9	134.8
15°	2918.3	2893.2	2847.8	2665.9	2310.2	*2148.7*	1775.7	1122.2	517.2	222.6	137.9
17.5°	3415.1	3393.2	3350.9	3285.0	3059.3	*2868.1*	2568.8	1763.2	836.9	288.4	144.2
20°	3871.2	3855.5	3821.0	3808.5	3662.7	*3560.9*	3313.2	2499.8	1304.0	391.8	153.6
22.5°	4498.1	4465.2	4479.3	4404.1	4261.4	*4139.2*	3987.2	3270.9	1874.5	564.2	170.8
25°	5266.1	5250.4	5211.2	5157.9	4960.5	*4853.9*	4620.4	3998.1	2512.4	789.9	189.6
27.5°	6193.9	6176.7	6167.3	6045.0	5817.8	*5701.8*	5375.8	4684.6	3230.2	1106.5	214.7
30°	7262.8	7270.6	7209.5	7052.8	6787.9	*6624.9*	6289.5	5404.0	3965.2	1477.9	241.4
32.5°	8369.3	8353.6	8259.6	8074.6	7838.0	*7686.0*	7259.7	6192.3	4736.3	1968.5	272.7
35°	9562.0	9532.2	9284.6	9073.0	8870.8	*8679.6*	8290.9	7107.6	5507.4	2518.6	315.0
37.5°	10765.7	10626.2	10129.4	9861.3	9721.9	*9565.1*	9203.1	8084.0	6273.8	3133.0	366.7
40°	11674.7	11566.6	10977.3	10483.6	10372.3	*10239.1*	9969.5	8927.2	7088.8	3792.8	429.4
42.5°	12177.8	12118.2	11588.5	11101.1	10839.3	*10721.8*	10491.4	9663.9	7894.4	4521.6	520.3
45°	12392.5	12300.0	11945.8	11718.6	11301.7	*11107.3*	10833.1	10220.3	8736.0	5349.1	647.3
47.5°	12326.7	12273.4	12019.5	12102.6	11800.1	*11497.6*	11094.8	10646.6	9455.4	6298.9	821.3
50°	11912.9	11867.5	11789.1	12238.9	12201.3	*11844.0*	11433.3	10983.5	10043.2	7278.5	1090.8
52.5°	11126.1	11107.3	11307.9	12132.3	12428.6	*12149.6*	11759.3	11281.3	10591.7	8301.9	1476.4
55°	10112.1	10188.9	10762.5	11966.2	12544.5	*12375.3*	12047.7	11560.3	11032.1	9217.2	2045.3
57.5°	9695.2	9715.6	10431.8	11848.7	12596.3	*12574.3*	12328.3	11826.7	11436.5	9949.1	2913.6
60°	10182.6	10151.3	10529.0	11938.0	12699.7	*12753.0*	12577.4	12074.4	11787.5	10577.6	4070.2
62.5°	11063.5	11046.2	11166.9	12318.8	13002.2	*13110.3*	12923.8	12253.0	12097.9	10991.4	5389.9
65°	11850.2	11814.2	12038.3	12994.3	13533.5	*13610.3*	13447.3	12558.6	12234.2	11292.3	6629.6
67.5°	12190.3	12182.5	12543.0	13636.9	14091.4	*14174.5*	14031.9	12980.2	12202.9	11387.9	7176.6
70°	12035.2	12005.4	12582.2	13909.6	14406.5	*14500.5*	14362.6	13137.0	11862.8	11085.4	6366.3
71°	*11864.3*	*11784.4*	*12464.6*	*13890.8*	*14450.4*	*14530.3*	*14288.9*	*12994.3*	*11521.1*	*10656.0*	*5631.2*
72.5°	11334.6	11348.7	12141.7	13694.9	14345.3	*14321.8*	13872.0	12483.4	11108.9	9681.1	4523.2
75°	10030.6	10113.7	11096.4	12872.1	13408.1	*13108.8*	12420.7	11507.0	10281.4	6941.5	3140.8
77.5°	8196.9	8320.7	9400.6	11289.1	11137.1	*11107.3*	11079.1	10138.8	8779.9	3728.6	2184.8
80°	3913.5	4181.5	5670.4	8059.0	8754.8	*9091.8*	8880.2	8170.2	6789.5	1775.7	1305.5
82.5°	255.5	252.3	357.3	677.1	2854.0	*3689.4*	5861.6	5839.7	4733.2	865.1	532.9
85°	120.7	123.8	136.4	155.2	180.2	*197.5*	272.7	1598.6	2264.7	412.2	116.0
87.5°	70.5	72.1	84.6	108.1	141.1	*156.7*	186.5	239.8	294.6	227.3	25.1
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-SA7B-935-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	126.9	126.9	126.9	126.9	126.9	126.9	126.9	126.9	126.9	126.9	126.9
2.5°	128.5	126.9	122.2	117.5	112.8	109.7	108.1	109.7	109.7	111.3	111.3
5°	128.5	123.8	116.0	106.6	100.3	94.0	90.9	89.3	90.9	90.9	90.9
7.5°	126.9	119.1	108.1	97.2	89.3	81.5	78.4	76.8	76.8	78.4	78.4
10°	123.8	116.0	101.9	89.3	79.9	70.5	65.8	61.1	61.1	61.1	62.7
12.5°	122.2	111.3	94.0	81.5	69.0	58.0	48.6	43.9	45.5	45.5	45.5
15°	119.1	106.6	89.3	73.7	58.0	43.9	36.0	31.3	32.9	34.5	32.9
17.5°	119.1	105.0	83.1	64.3	45.5	32.9	26.6	23.5	23.5	25.1	25.1
20°	119.1	101.9	78.4	54.9	34.5	25.1	18.8	17.2	17.2	20.4	21.9
22.5°	122.2	101.9	72.1	45.5	28.2	18.8	14.1	12.5	14.1	17.2	18.8
25°	126.9	100.3	65.8	40.7	23.5	14.1	11.0	7.8	9.4	12.5	14.1
27.5°	131.7	98.7	59.6	36.0	18.8	11.0	7.8	6.3	4.7	6.3	6.3
30°	136.4	98.7	53.3	29.8	15.7	7.8	4.7	3.1	1.6	0.0	0.0
32.5°	139.5	95.6	48.6	23.5	12.5	6.3	3.1	1.6	0.0	0.0	0.0
35°	142.6	92.5	42.3	18.8	9.4	4.7	1.6	0.0	0.0	0.0	0.0
37.5°	145.8	87.8	36.0	15.7	7.8	3.1	0.0	0.0	0.0	0.0	0.0
40°	148.9	81.5	29.8	14.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	152.0	76.8	25.1	11.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	159.9	73.7	20.4	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	174.0	70.5	18.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	194.3	67.4	17.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	222.6	65.8	15.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	272.7	64.3	14.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	358.9	62.7	14.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	550.1	59.6	14.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	982.7	58.0	12.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1713.0	59.6	12.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2455.9	62.7	11.0	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	2101.7	54.9	11.0	6.3	3.1	1.6	0.0	0.0	0.0	0.0	0.0
71°	*1713.0*	*48.6*	*11.0*	*6.3*	*3.1*	*1.6*	*1.6*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1101.8	37.6	9.4	6.3	3.1	3.1	1.6	0.0	0.0	0.0	0.0
75°	465.5	31.3	9.4	6.3	4.7	3.1	3.1	1.6	0.0	0.0	0.0
77.5°	199.0	23.5	9.4	7.8	6.3	4.7	4.7	3.1	1.6	0.0	0.0
80°	75.2	18.8	11.0	9.4	7.8	7.8	6.3	3.1	1.6	0.0	0.0
82.5°	34.5	15.7	11.0	9.4	9.4	7.8	6.3	4.7	3.1	0.0	0.0
85°	21.9	14.1	11.0	9.4	9.4	7.8	7.8	4.7	3.1	0.0	0.0
87.5°	17.2	14.1	11.0	11.0	9.4	9.4	6.3	4.7	1.6	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

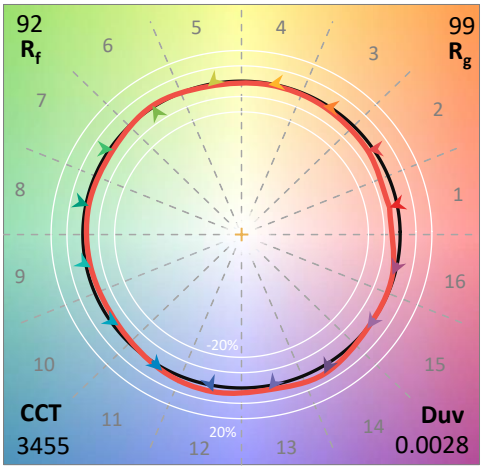
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-15
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-935-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3455
CIE u':	0.2356
CIE v':	0.5159
Duv:	0.0028
CIE x:	0.4109
CIE y:	0.3999
CIE z:	0.1892
Peak Wavelength (nm):	616
Dominant Wavelength (nm):	579
Purity:	43.35383
Rf:	92.3
Rg:	98.5

CRI (Ra):	92.2
R1:	92.0
R2:	94.4
R3:	95.6
R4:	93.2
R5:	91.4
R6:	92.5
R7:	94.5
R8:	84.2
R9:	59.8
R10:	85.8
R11:	93.2
R12:	78.0
R13:	92.5
R14:	97.0
R15:	88.4



Test Conditions

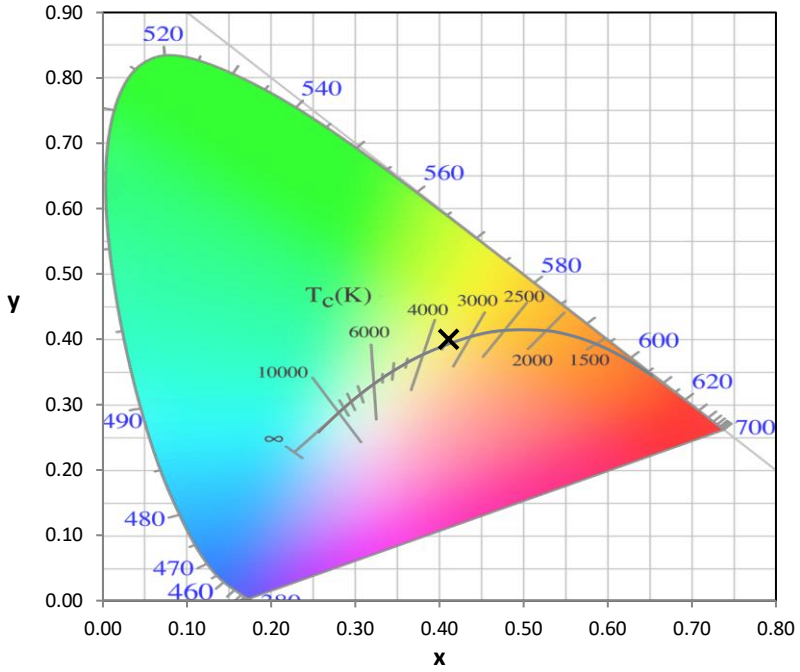
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

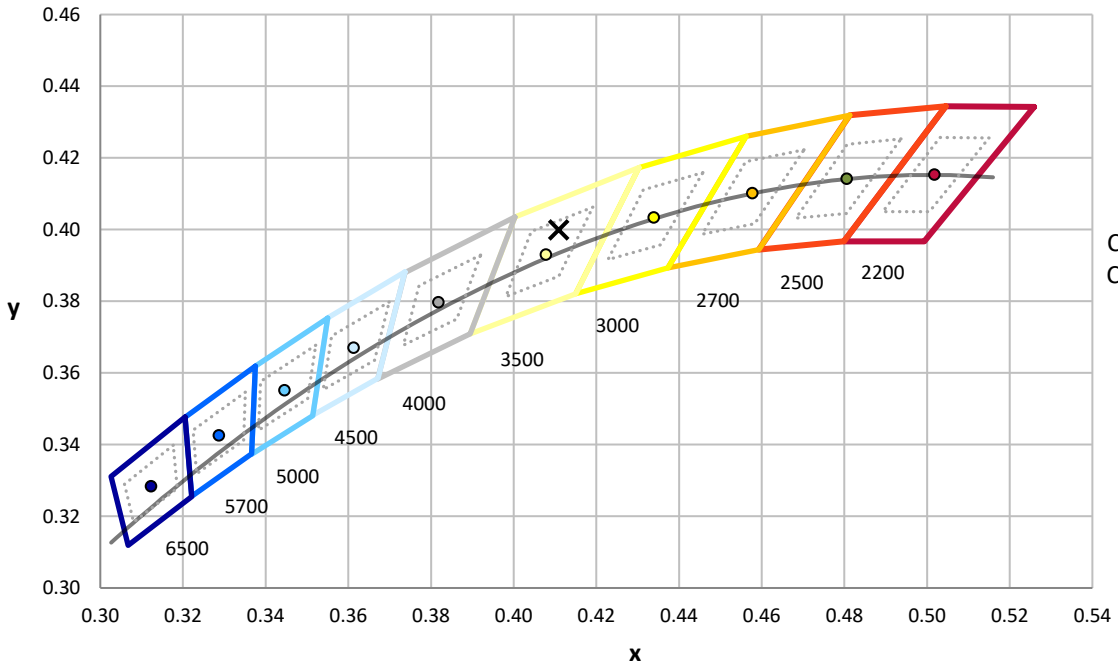
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



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

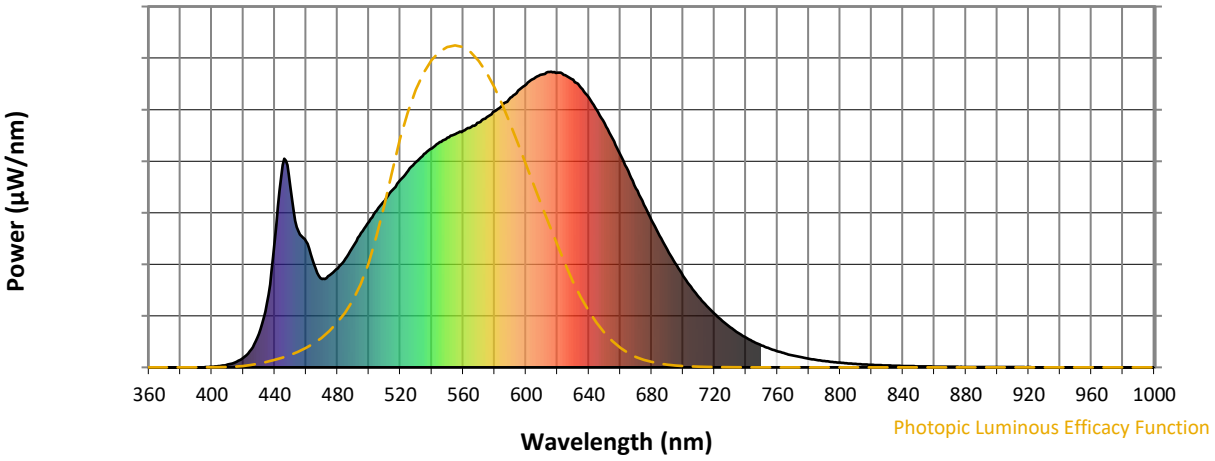


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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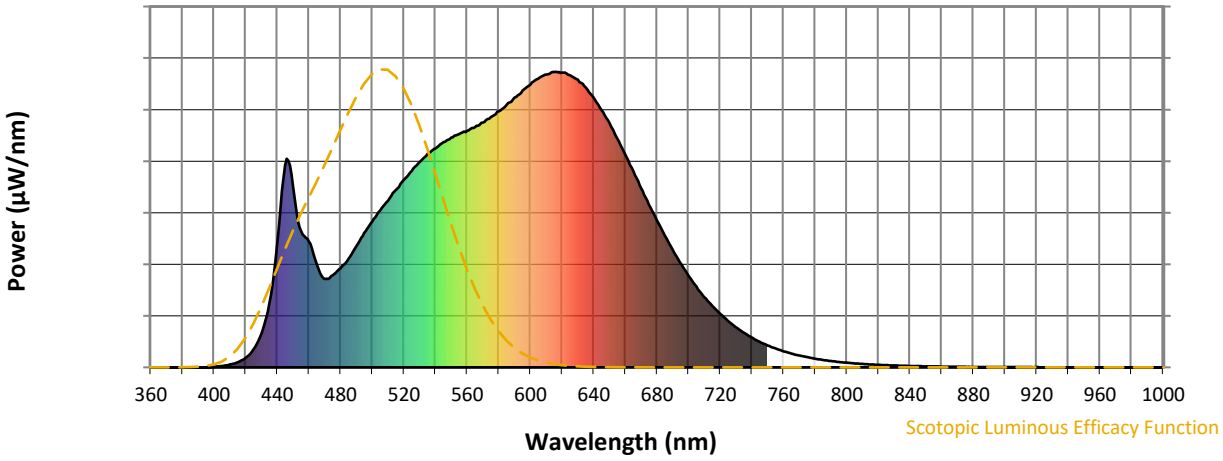
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.58**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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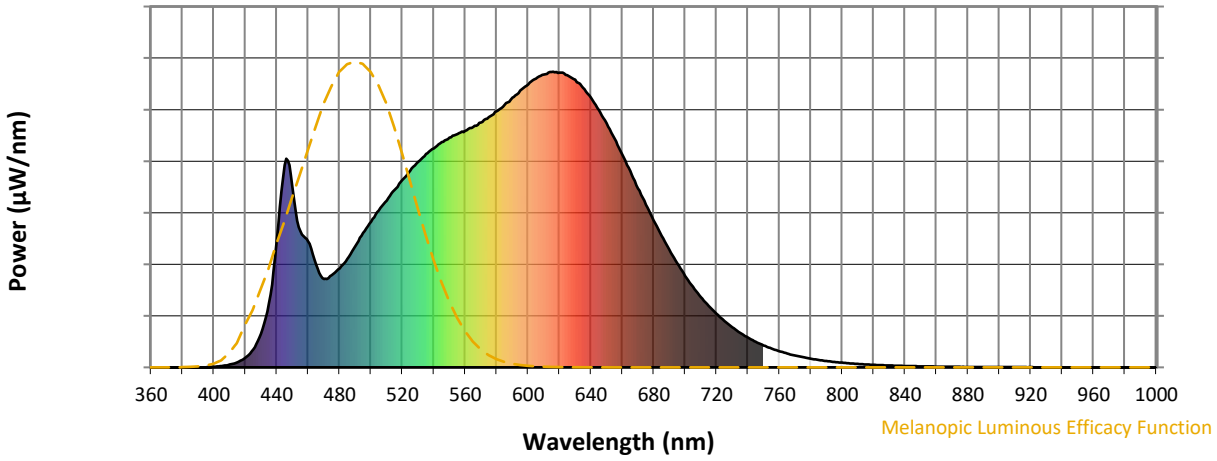
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.14**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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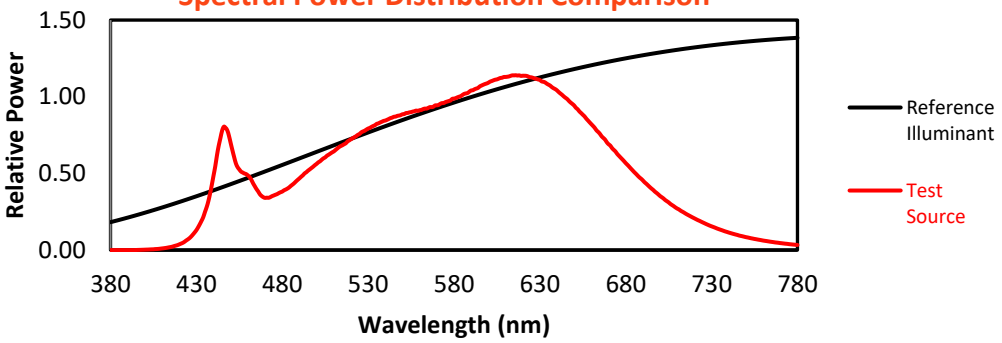
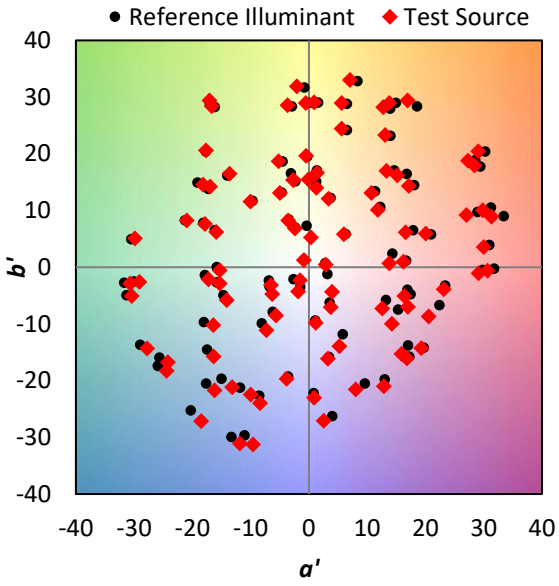
Summary

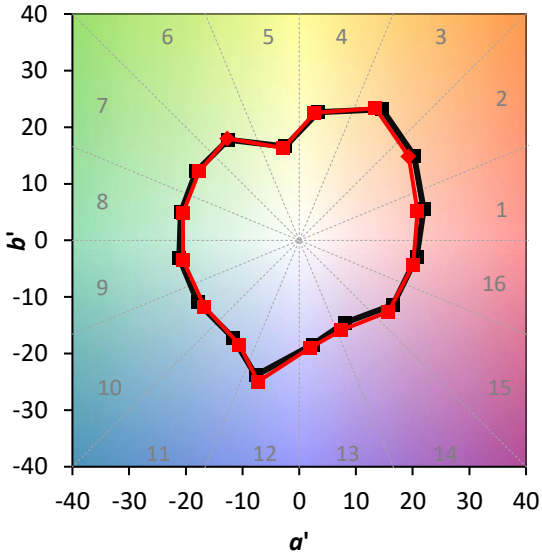
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

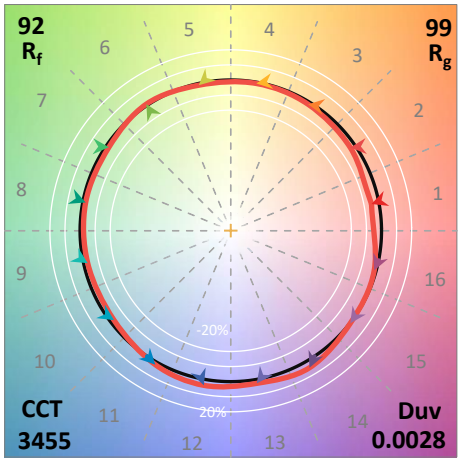
Spectral Power Distribution Comparison

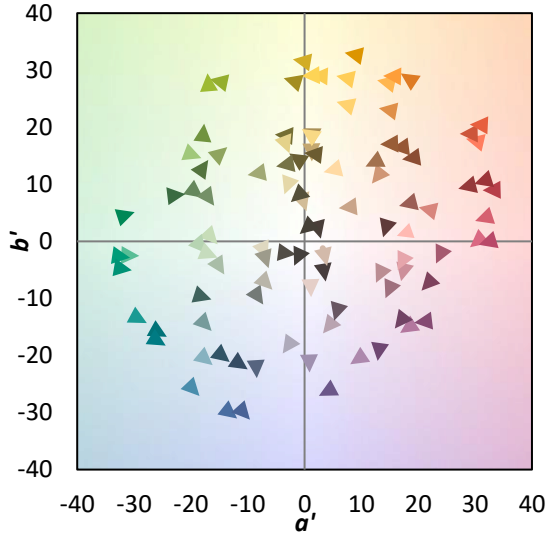


Color Vector Graphics









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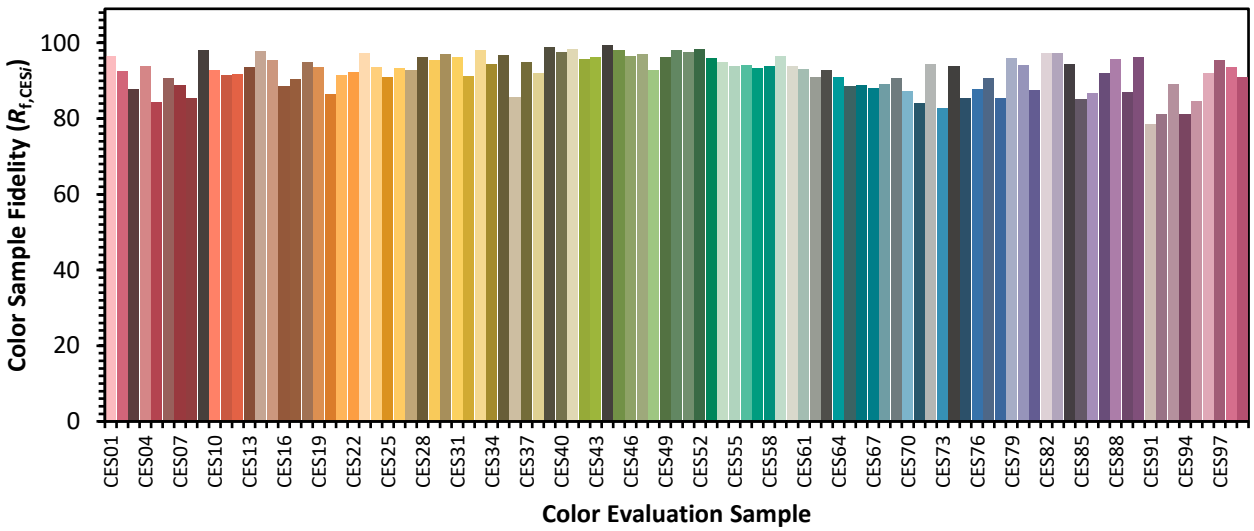
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



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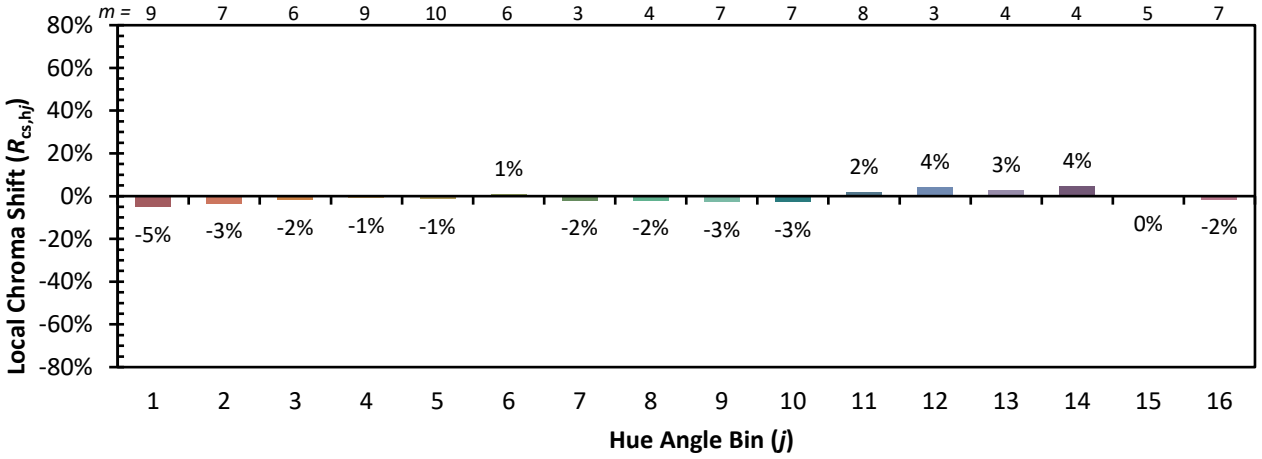
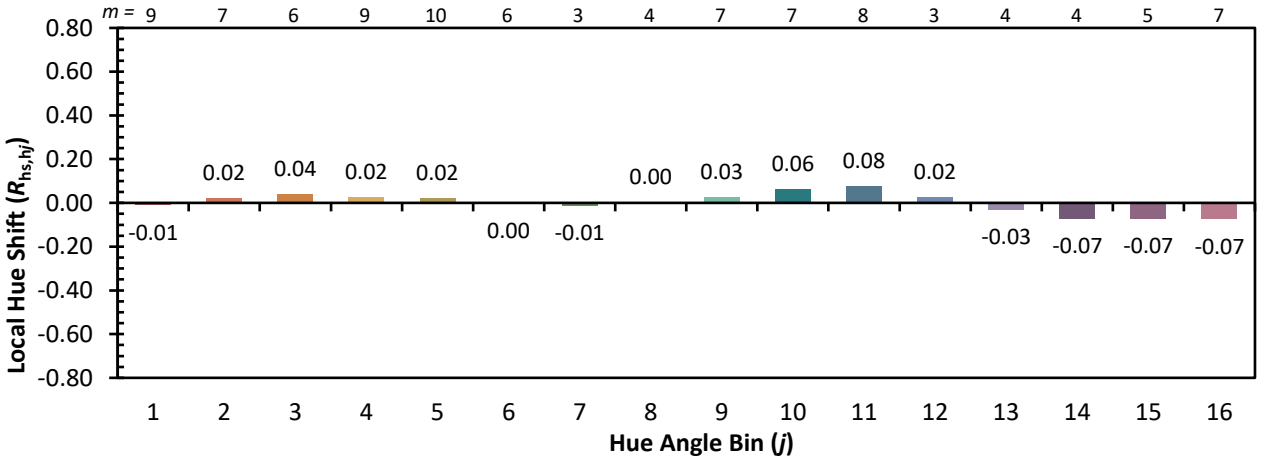
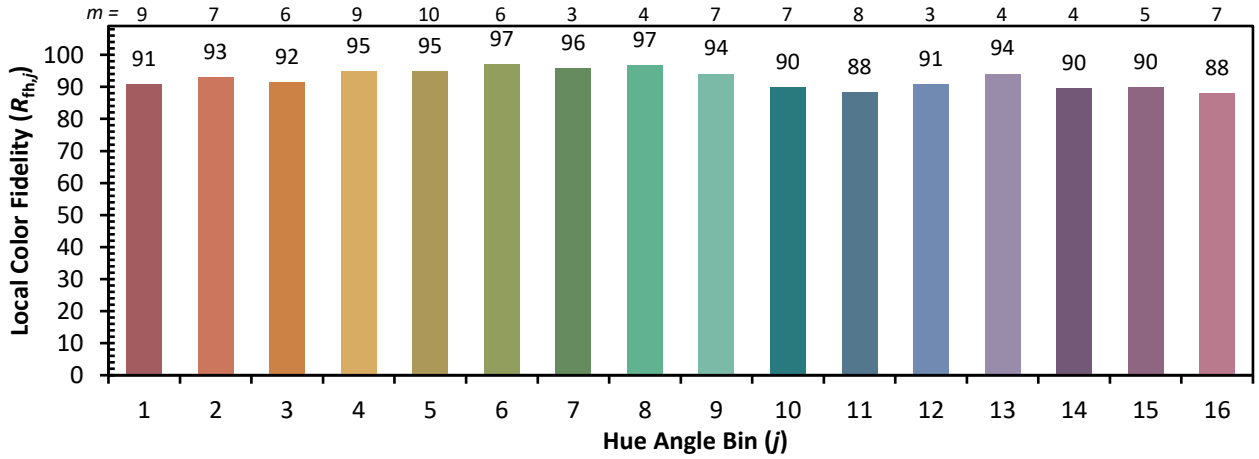
Color Rendition by Hue-Angle Bin







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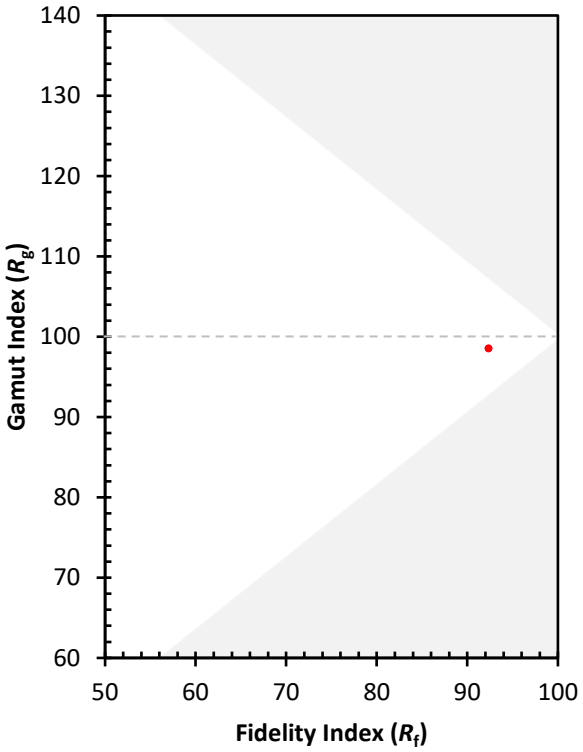
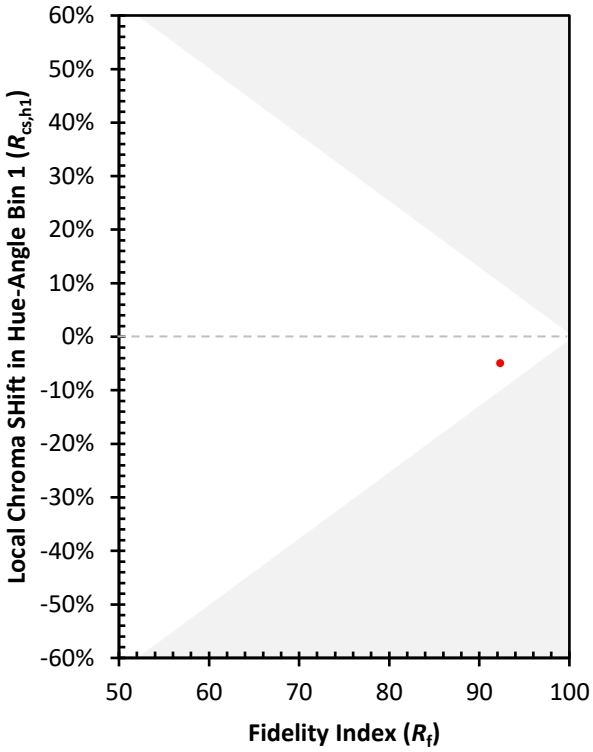
Measure Comparisons





(END OF REPORT)