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: McGRAW-EDISON

Report Number: P1048773

Luminaire Tested: **GALN-SA9A-935-U-T4BC**

Issue Date: 07/10/2025

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:	P1048773
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9A-935-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23866 lumens
Efficiency:	N/A
Efficacy:	97.6 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):	244.6
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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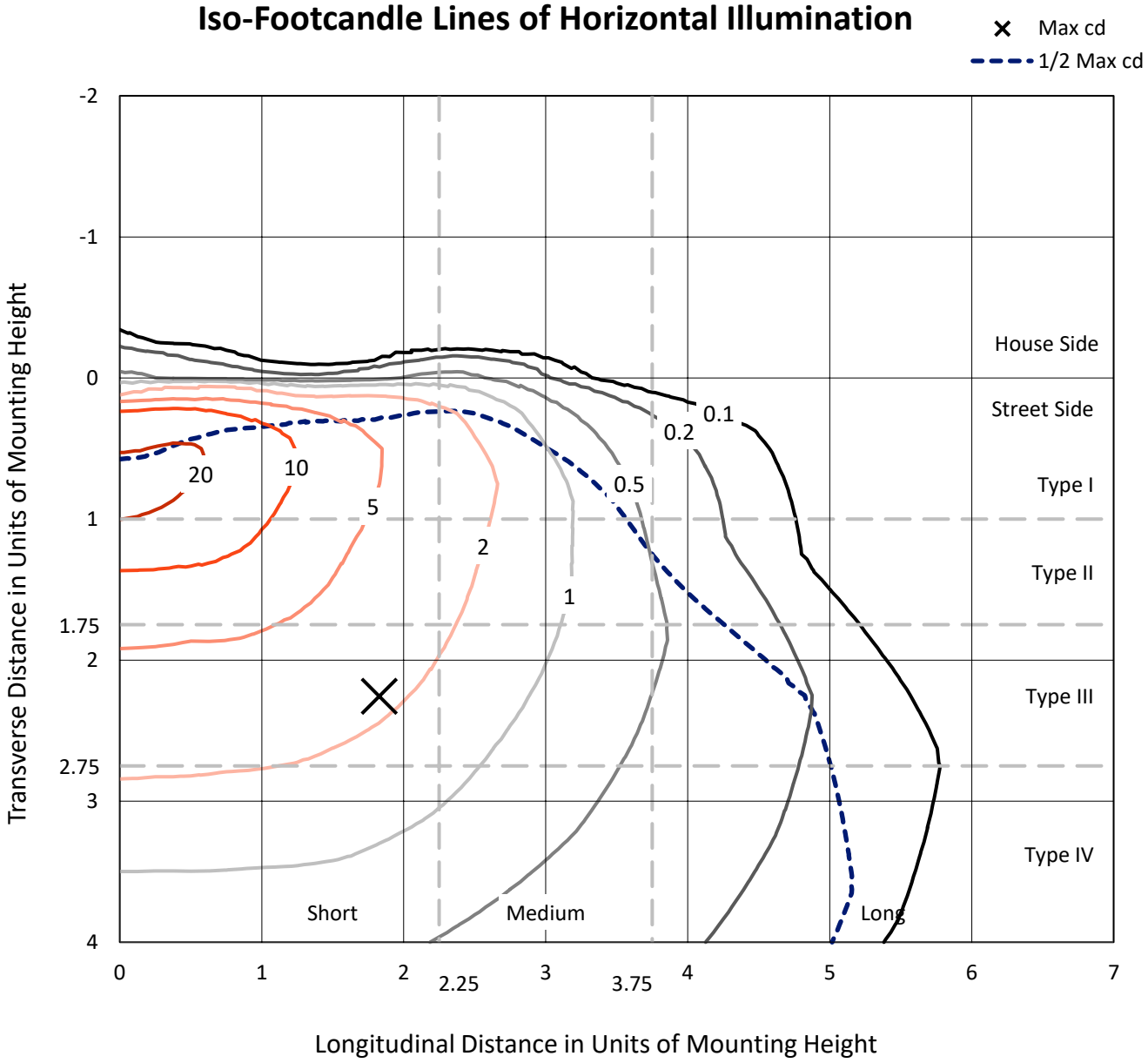
REPORT NUMBER: P1048773
CATALOG NUMBER: GALN-SA9A-935-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 24.5 fc
Type IV - Short - N/A

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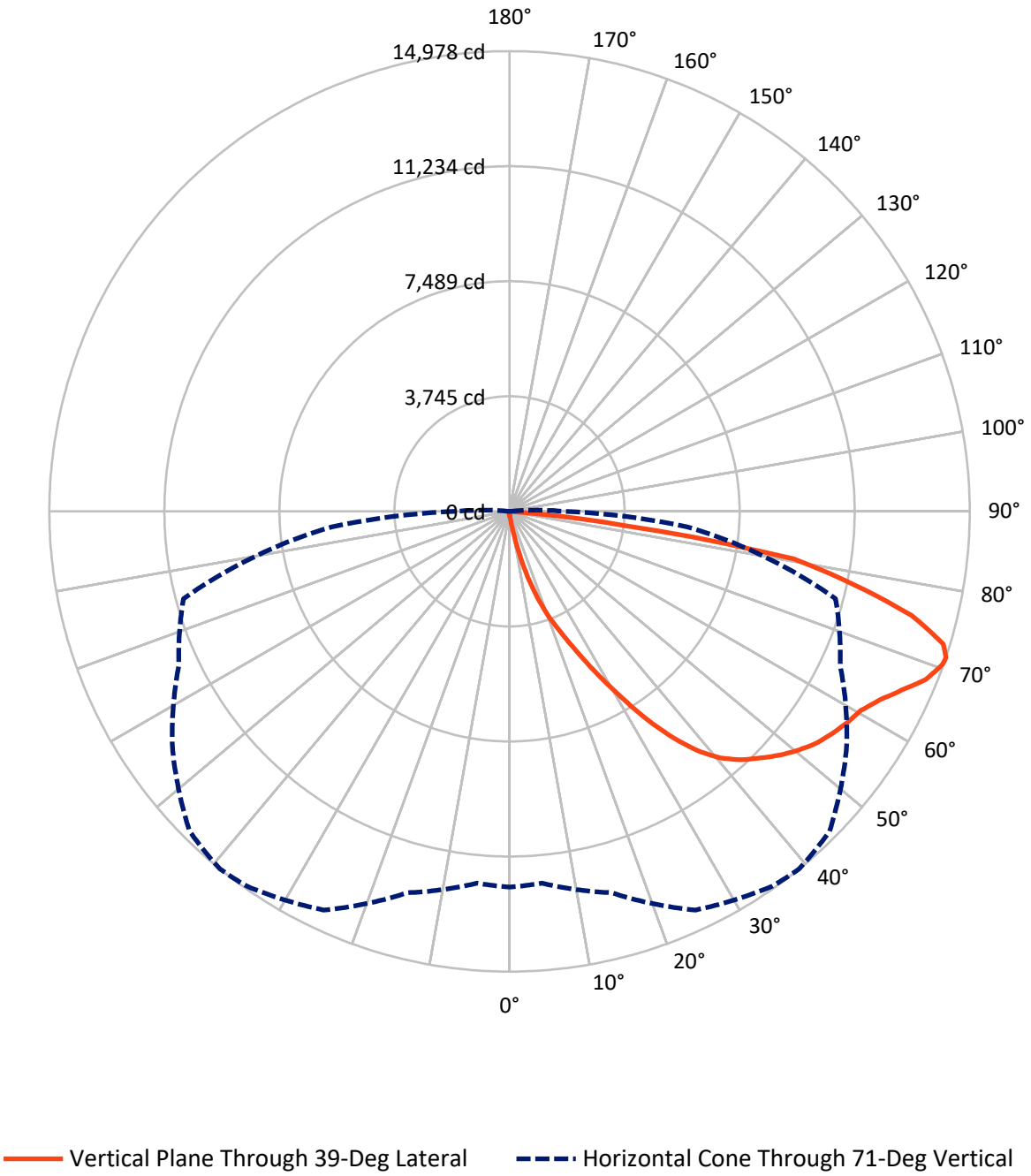
Luminous Intensity Polar Plot



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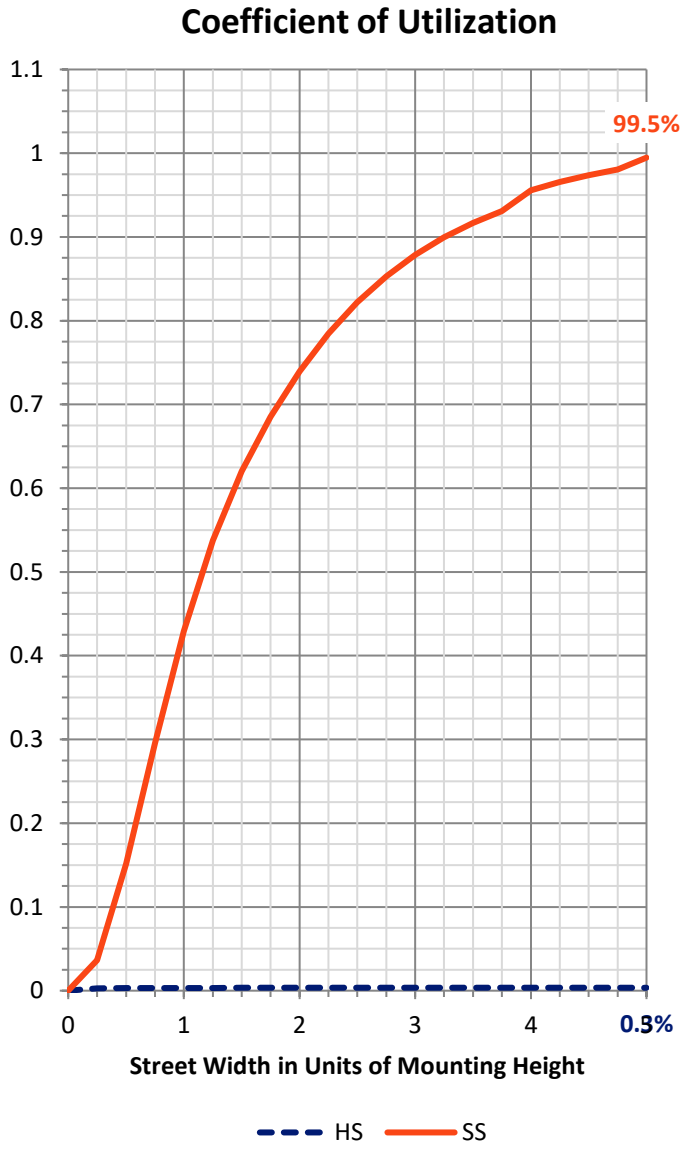
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	84.8	0.0	84.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23781.2	0.0	23781.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	23866.0	0.0	23866.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.9	0.1
10°-20°	255.1	1.1
20°-30°	908.4	3.8
30°-40°	2189.3	9.2
40°-50°	3664.0	15.4
50°-60°	4706.0	19.7
60°-70°	5955.4	25.0
70°-80°	5309.5	22.2
80°-90°	858.3	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°	23866.0	100.0
0°-180°	23866.0	100.0



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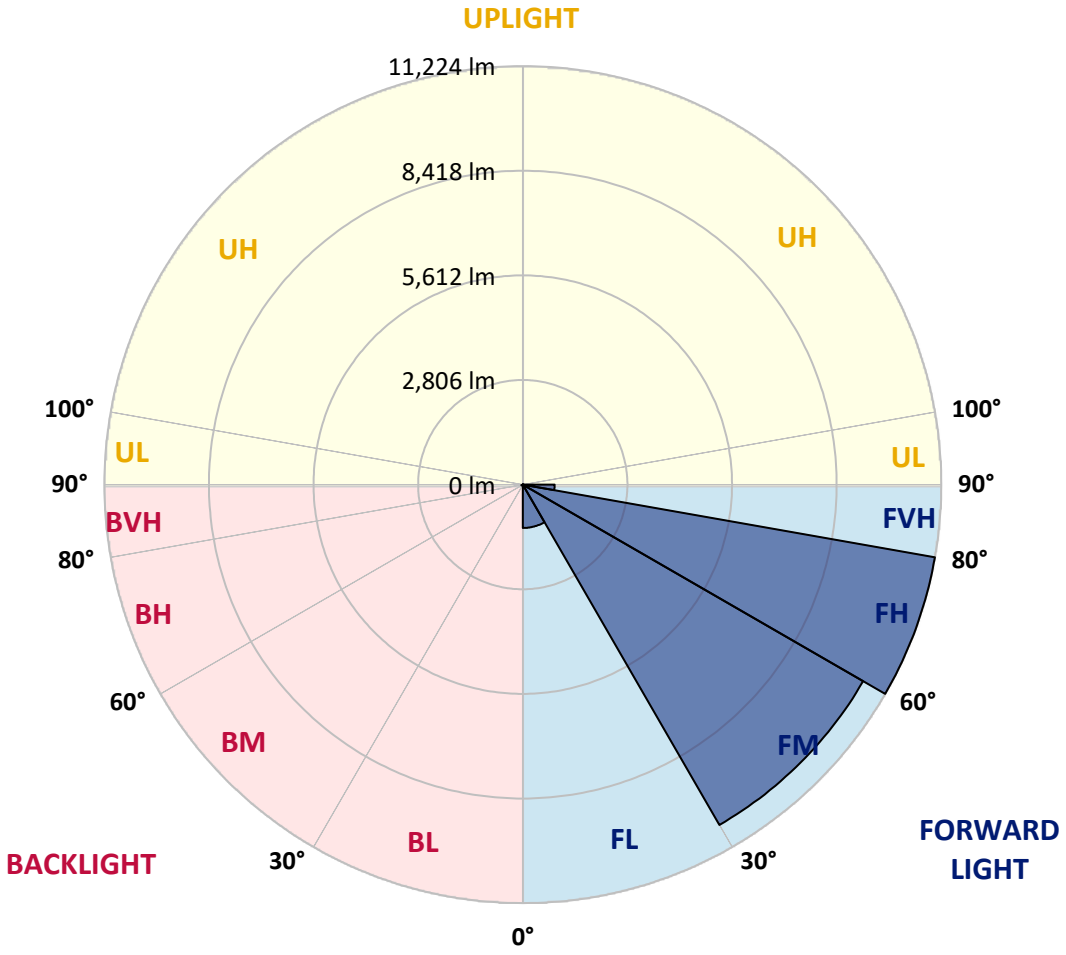
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1162.9	4.9			
FM	(30°-60°)	10539.7	44.2			
FH	(60°-80°)	11224.2	47.0			G4/12000
FVH	(80°-90°)	854.4	3.6			G5
BL	(0°-30°)	20.5	0.1	B0/110		
BM	(30°-60°)	19.6	0.1	B0/220		
BH	(60°-80°)	40.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.9	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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REPORT NUMBER: P1048773
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	130.9	130.9	130.9	130.9	130.9	*130.9*	130.9	130.9	130.9	130.9	130.9
2.5°	150.3	150.3	150.3	145.4	145.4	*143.8*	142.2	142.2	138.9	137.3	134.1
5°	227.8	223.0	211.6	205.2	192.3	*184.2*	176.1	164.8	153.5	145.4	135.7
7.5°	515.4	526.7	489.5	420.1	349.0	*318.3*	266.6	214.9	177.7	153.5	137.3
10°	1313.5	1307.0	1181.0	1042.1	804.6	*709.2*	555.8	350.6	229.4	168.0	138.9
12.5°	2234.4	2227.9	2079.3	1890.3	1576.8	*1378.1*	1087.3	654.3	329.6	190.6	138.9
15°	3008.2	2982.4	2935.5	2748.1	2381.4	*2215.0*	1830.5	1156.8	533.1	229.4	142.2
17.5°	3520.4	3497.8	3454.2	3386.3	3153.7	*2956.5*	2648.0	1817.5	862.7	297.3	148.6
20°	3990.5	3974.4	3938.8	3925.9	3775.7	*3670.6*	3415.4	2576.9	1344.2	403.9	158.3
22.5°	4636.8	4602.8	4617.4	4539.8	4392.8	*4266.8*	4110.1	3371.8	1932.3	581.6	176.1
25°	5428.4	5412.3	5371.9	5316.9	5113.4	*5003.5*	4762.8	4121.4	2589.8	814.3	195.5
27.5°	6384.8	6367.1	6357.4	6231.4	5997.1	*5877.6*	5541.5	4829.0	3329.8	1140.6	221.3
30°	7486.7	7494.8	7431.8	7270.2	6997.2	*6829.1*	6483.4	5570.6	4087.5	1523.5	248.8
32.5°	8627.3	8611.1	8514.2	8323.6	8079.6	*7922.9*	7483.5	6383.2	4882.3	2029.2	281.1
35°	9856.8	9826.1	9570.8	9352.7	9144.3	*8947.2*	8546.5	7326.7	5677.2	2596.3	324.7
37.5°	11097.6	10953.8	10441.6	10165.4	10021.6	*9860.0*	9486.8	8333.3	6467.2	3229.6	378.1
40°	12034.6	11923.1	11315.7	10806.7	10692.0	*10554.7*	10276.8	9202.5	7307.4	3909.8	442.7
42.5°	12553.2	12491.8	11945.7	11443.3	11173.5	*11052.3*	10814.8	9961.8	8137.8	4661.0	536.4
45°	12774.5	12679.2	12314.1	12079.8	11650.1	*11449.8*	11167.0	10535.3	9005.4	5514.0	667.2
47.5°	12706.7	12651.8	12390.0	12475.7	12163.8	*11852.0*	11436.8	10974.8	9746.9	6493.1	846.6
50°	12280.2	12233.3	12152.5	12616.2	12577.4	*12209.1*	11785.8	11322.1	10352.8	7502.8	1124.5
52.5°	11469.1	11449.8	11656.6	12506.4	12811.7	*12524.1*	12121.8	11629.1	10918.2	8557.8	1521.9
55°	10423.8	10503.0	11094.3	12335.1	12931.3	*12756.8*	12419.1	11916.7	11372.2	9501.3	2108.4
57.5°	9994.1	10015.1	10753.4	12213.9	12984.6	*12962.0*	12708.3	12191.3	11789.0	10255.8	3003.4
60°	10496.5	10464.2	10853.6	12306.0	13091.2	*13146.1*	12965.2	12446.6	12150.9	10903.7	4195.7
62.5°	11404.5	11386.7	11511.1	12698.6	13403.0	*13514.5*	13322.2	12630.8	12470.8	11330.2	5556.0
65°	12215.5	12178.4	12409.4	13394.9	13950.7	*14029.9*	13861.8	12945.8	12611.4	11640.4	6834.0
67.5°	12566.1	12558.1	12929.6	14057.3	14525.9	*14611.5*	14464.5	13380.4	12579.1	11738.9	7397.8
70°	12406.2	12375.5	12970.0	14338.4	14850.6	*14947.5*	14805.4	13542.0	12228.5	11427.1	6562.6
71°	*12230.1*	*12147.7*	*12848.9*	*14319.1*	*14895.8*	*14978.2*	*14729.4*	*13394.9*	*11876.3*	*10984.5*	*5804.8*
72.5°	11684.0	11698.6	12516.0	14117.1	14787.6	*14763.3*	14299.7	12868.3	11451.4	9979.6	4662.6
75°	10339.8	10425.5	11438.4	13268.9	13821.5	*13512.9*	12803.6	11861.7	10598.3	7155.5	3237.7
77.5°	8449.6	8577.2	9690.4	11637.2	11480.5	*11449.8*	11420.7	10451.3	9050.6	3843.5	2252.1
80°	4034.2	4310.4	5845.2	8307.4	9024.7	*9372.1*	9154.0	8422.1	6998.8	1830.5	1345.8
82.5°	263.3	260.1	368.4	697.9	2942.0	*3803.1*	6042.3	6019.7	4879.1	891.8	549.3
85°	124.4	127.6	140.6	159.9	185.8	*203.6*	281.1	1647.9	2334.5	424.9	119.6
87.5°	72.7	74.3	87.2	111.5	145.4	*161.6*	192.3	247.2	303.7	234.3	25.8
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: GALN-SA9A-935-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9
2.5°	132.5	130.9	126.0	121.2	116.3	113.1	111.5	113.1	113.1	114.7	114.7
5°	132.5	127.6	119.6	109.9	103.4	96.9	93.7	92.1	93.7	93.7	93.7
7.5°	130.9	122.8	111.5	100.2	92.1	84.0	80.8	79.2	79.2	80.8	80.8
10°	127.6	119.6	105.0	92.1	82.4	72.7	67.9	63.0	63.0	63.0	64.6
12.5°	126.0	114.7	96.9	84.0	71.1	59.8	50.1	45.2	46.9	46.9	46.9
15°	122.8	109.9	92.1	75.9	59.8	45.2	37.2	32.3	33.9	35.5	33.9
17.5°	122.8	108.2	85.6	66.2	46.9	33.9	27.5	24.2	24.2	25.8	25.8
20°	122.8	105.0	80.8	56.5	35.5	25.8	19.4	17.8	17.8	21.0	22.6
22.5°	126.0	105.0	74.3	46.9	29.1	19.4	14.5	12.9	14.5	17.8	19.4
25°	130.9	103.4	67.9	42.0	24.2	14.5	11.3	8.1	9.7	12.9	14.5
27.5°	135.7	101.8	61.4	37.2	19.4	11.3	8.1	6.5	4.8	6.5	6.5
30°	140.6	101.8	54.9	30.7	16.2	8.1	4.8	3.2	1.6	0.0	0.0
32.5°	143.8	98.6	50.1	24.2	12.9	6.5	3.2	1.6	0.0	0.0	0.0
35°	147.0	95.3	43.6	19.4	9.7	4.8	1.6	0.0	0.0	0.0	0.0
37.5°	150.3	90.5	37.2	16.2	8.1	3.2	0.0	0.0	0.0	0.0	0.0
40°	153.5	84.0	30.7	14.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	156.7	79.2	25.8	11.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	164.8	75.9	21.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	179.3	72.7	19.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	200.3	69.5	17.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	229.4	67.9	16.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	281.1	66.2	14.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	370.0	64.6	14.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	567.1	61.4	14.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1013.0	59.8	12.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1765.9	61.4	12.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2531.6	64.6	11.3	4.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	2166.5	56.5	11.3	6.5	3.2	1.6	0.0	0.0	0.0	0.0	0.0
71°	*1765.9*	*50.1*	*11.3*	*6.5*	*3.2*	*1.6*	*1.6*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1135.8	38.8	9.7	6.5	3.2	3.2	1.6	0.0	0.0	0.0	0.0
75°	479.8	32.3	9.7	6.5	4.8	3.2	3.2	1.6	0.0	0.0	0.0
77.5°	205.2	24.2	9.7	8.1	6.5	4.8	4.8	3.2	1.6	0.0	0.0
80°	77.5	19.4	11.3	9.7	8.1	8.1	6.5	3.2	1.6	0.0	0.0
82.5°	35.5	16.2	11.3	9.7	9.7	8.1	6.5	4.8	3.2	0.0	0.0
85°	22.6	14.5	11.3	9.7	9.7	8.1	8.1	4.8	3.2	0.0	0.0
87.5°	17.8	14.5	11.3	11.3	9.7	9.7	6.5	4.8	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

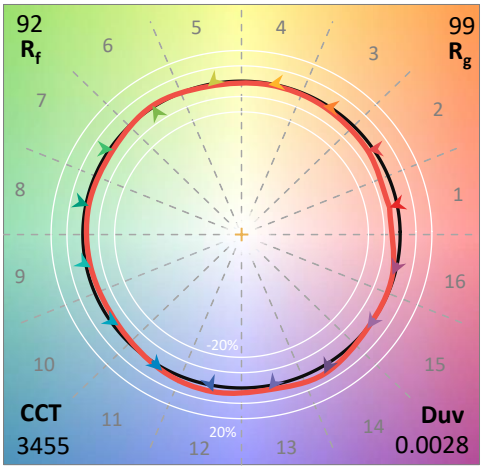
Test Information

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

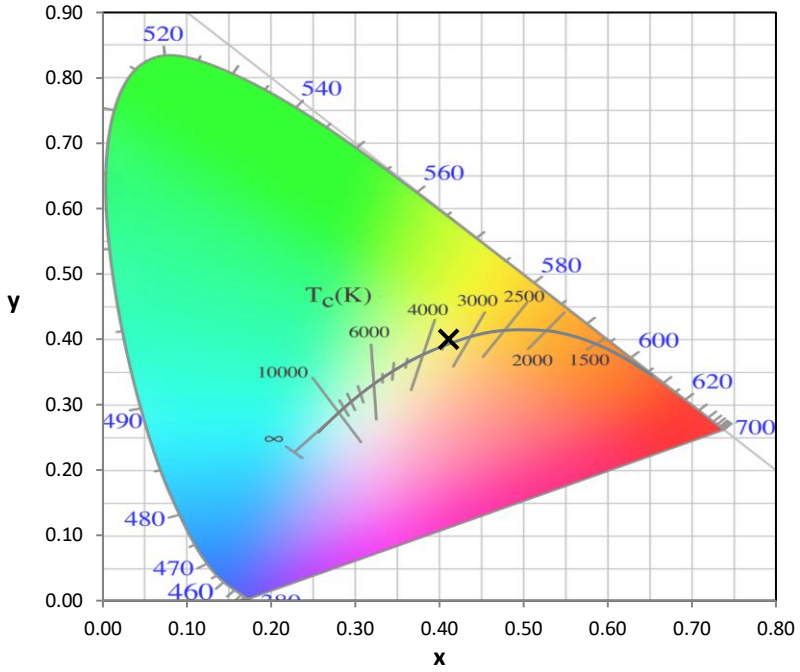
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

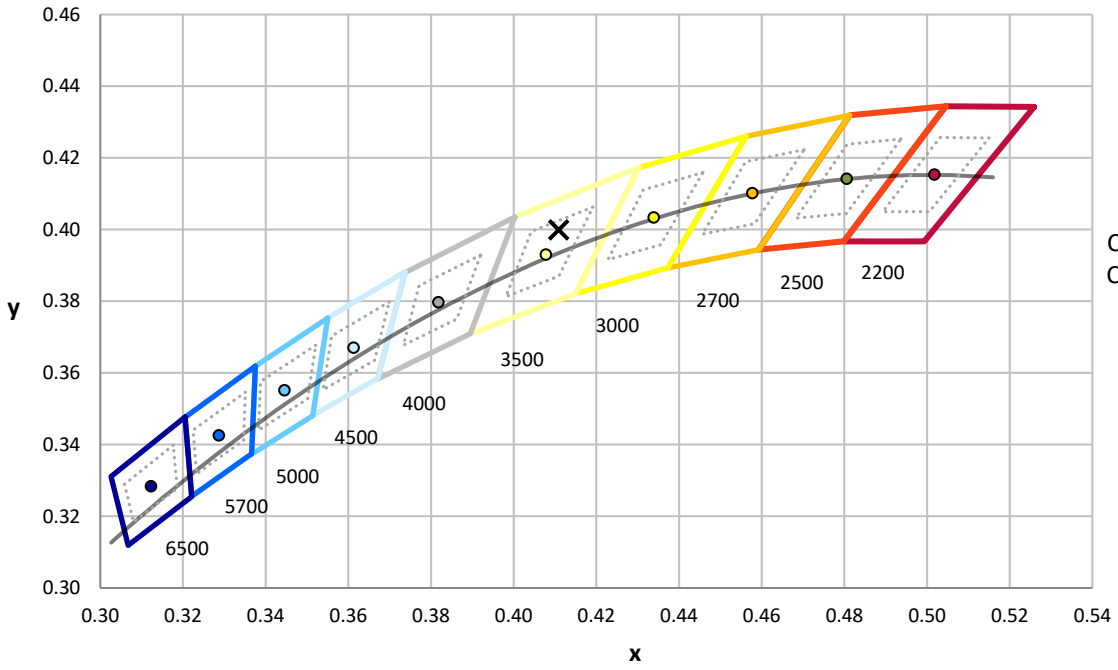
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

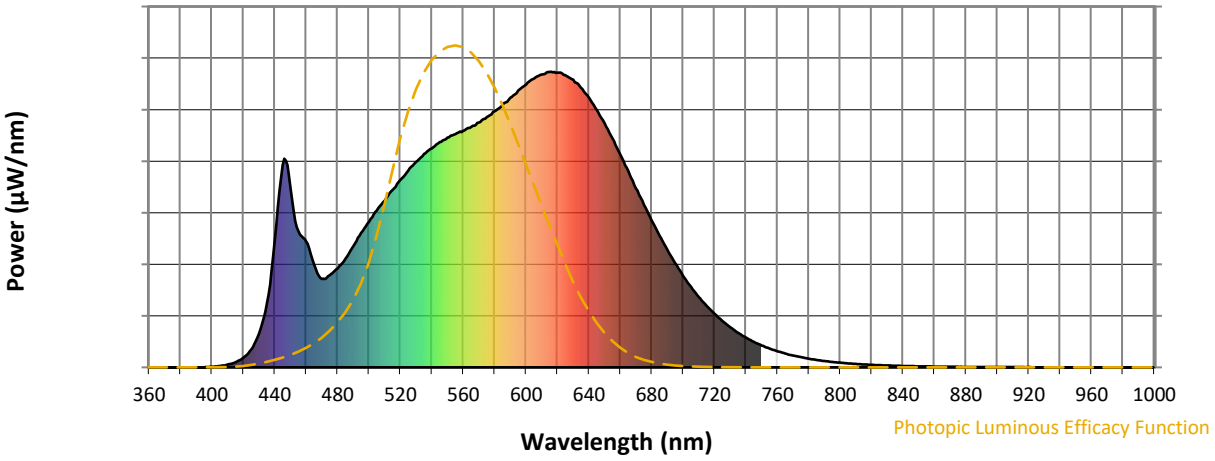


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

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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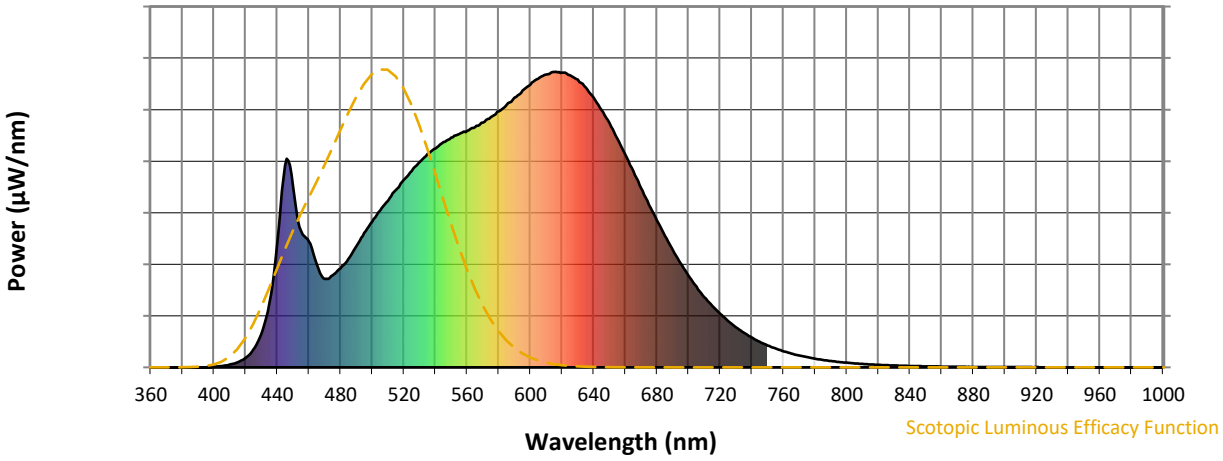
Scotopic Flux vs. Wavelength



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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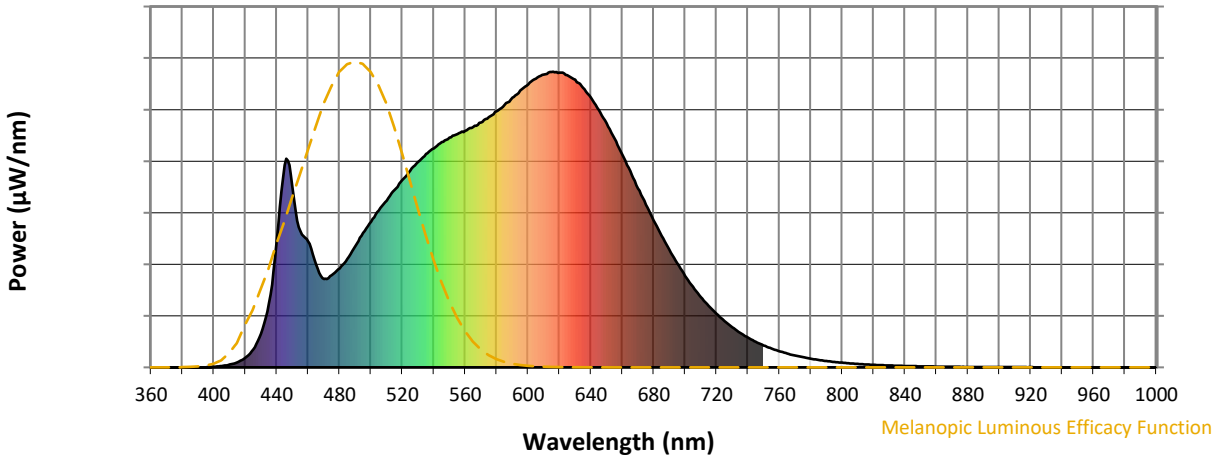
Melanopic Flux vs. Wavelength



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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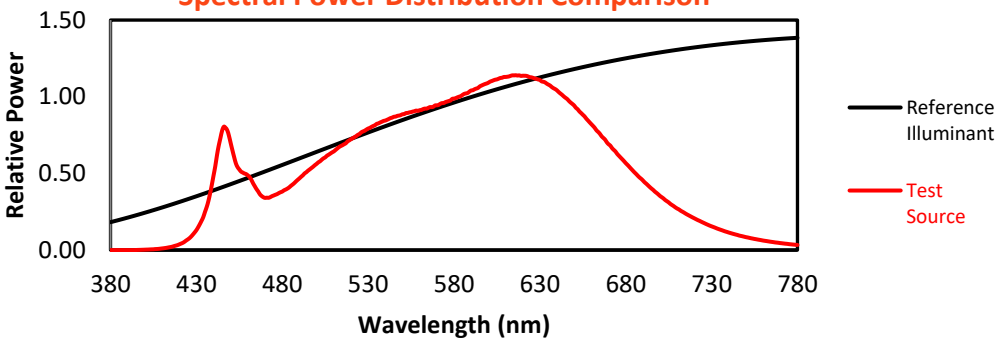
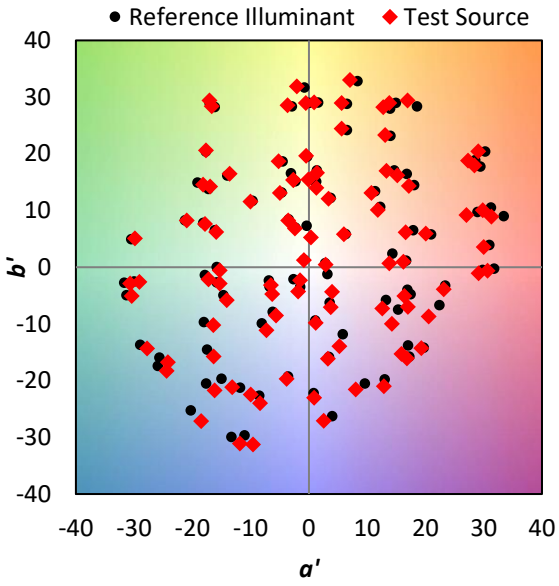
Summary

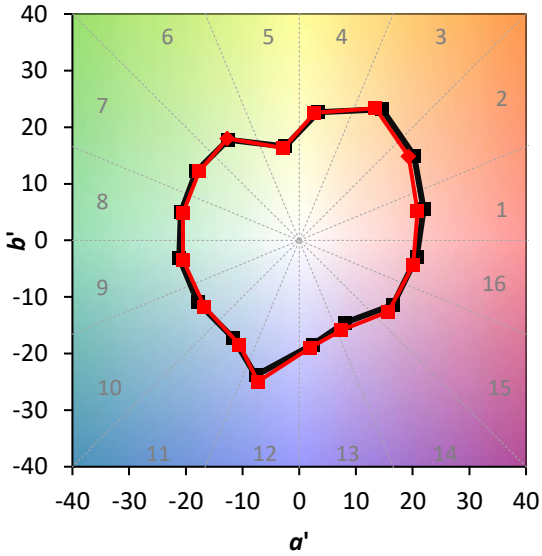
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

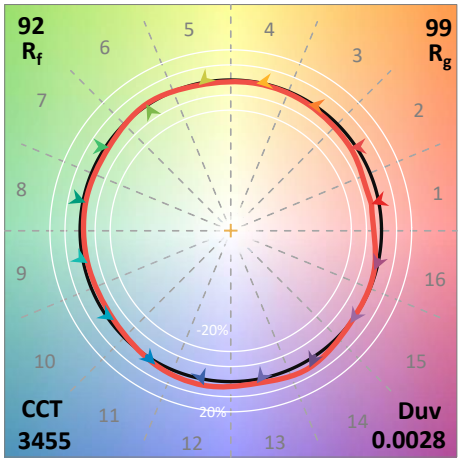
Spectral Power Distribution Comparison

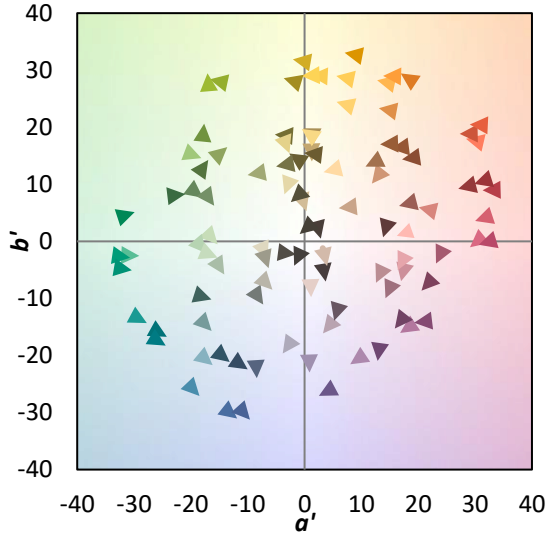


Color Vector Graphics









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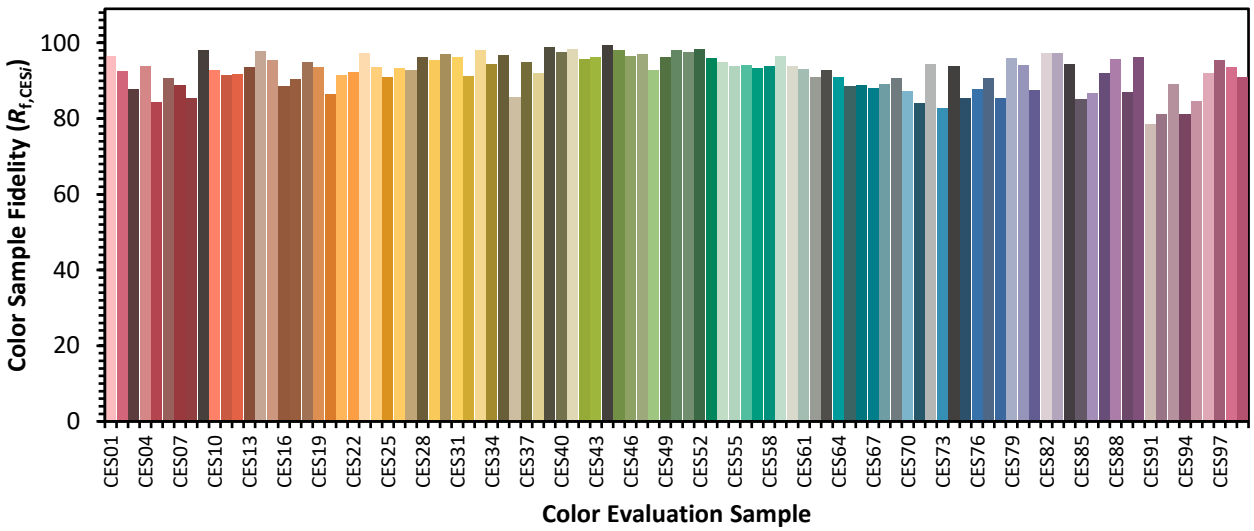
Individual Sample Fidelity Index ($R_{f,i}$)

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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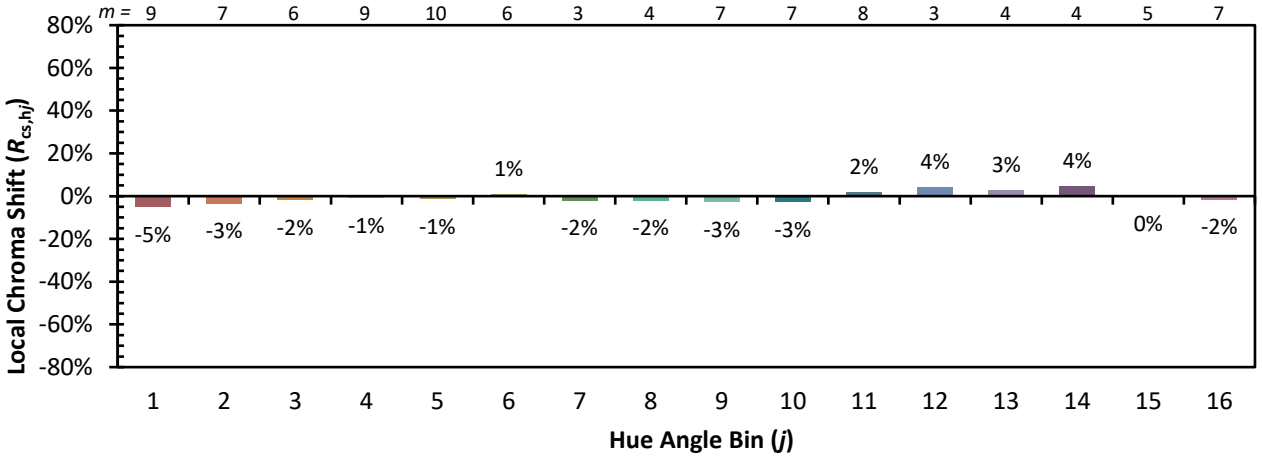
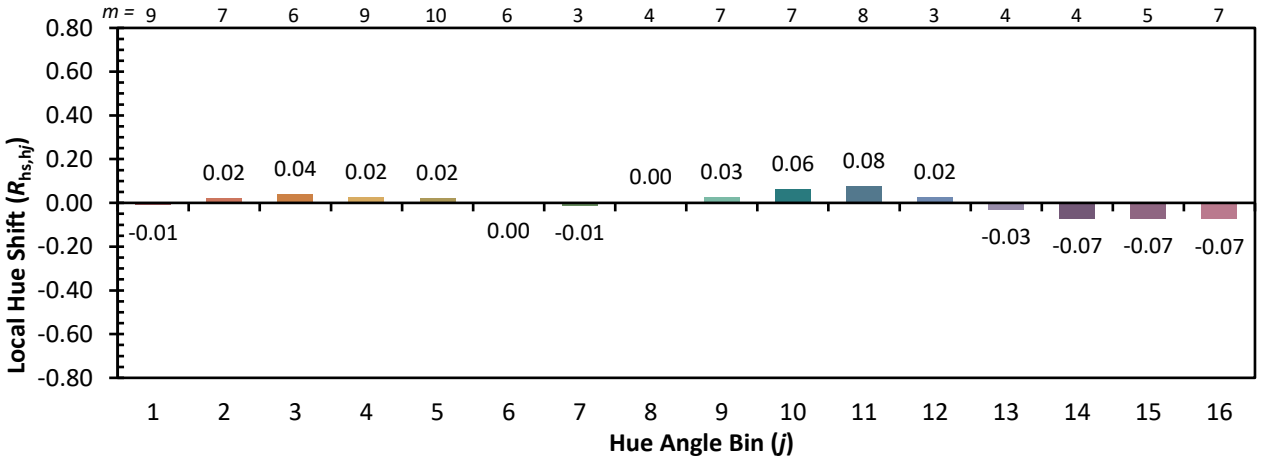
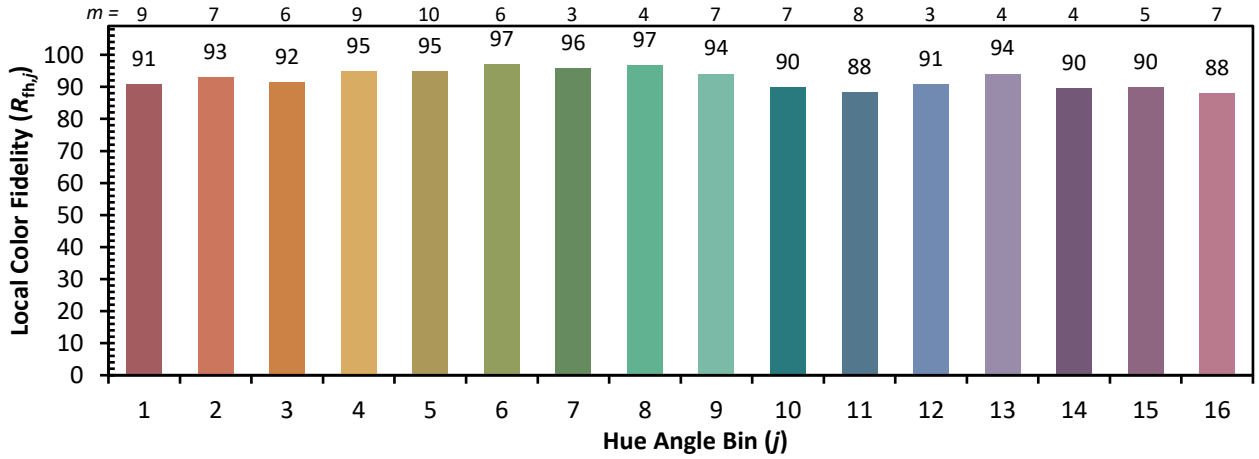
Color Rendition by Hue-Angle Bin







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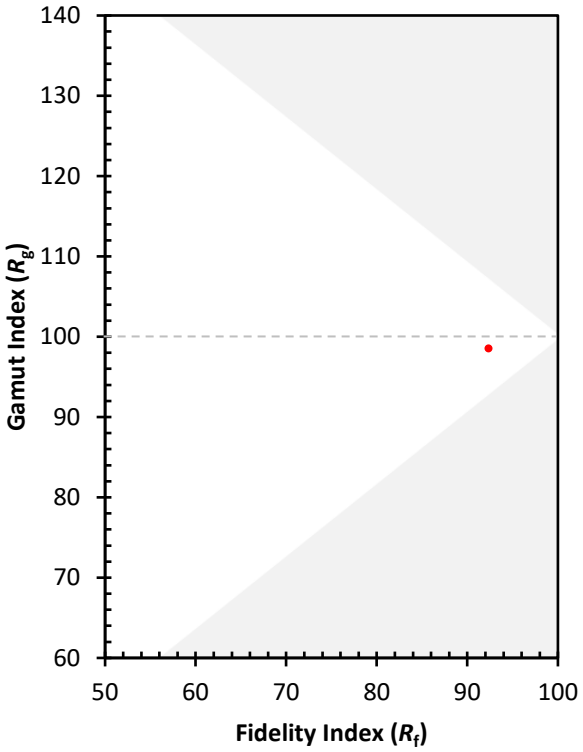
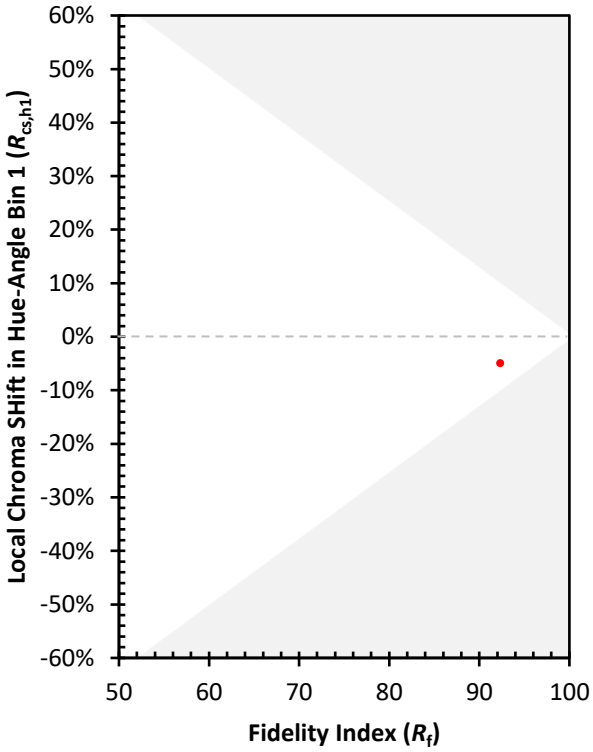
Measure Comparisons





(END OF REPORT)