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: P1048226

Luminaire Tested: **GALN-SA7B-950-U-T2BC**

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:	P1048226
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7B-950-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE 90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(98) 5000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	24633.5 lumens
Efficiency:	N/A
Efficacy:	98.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G4

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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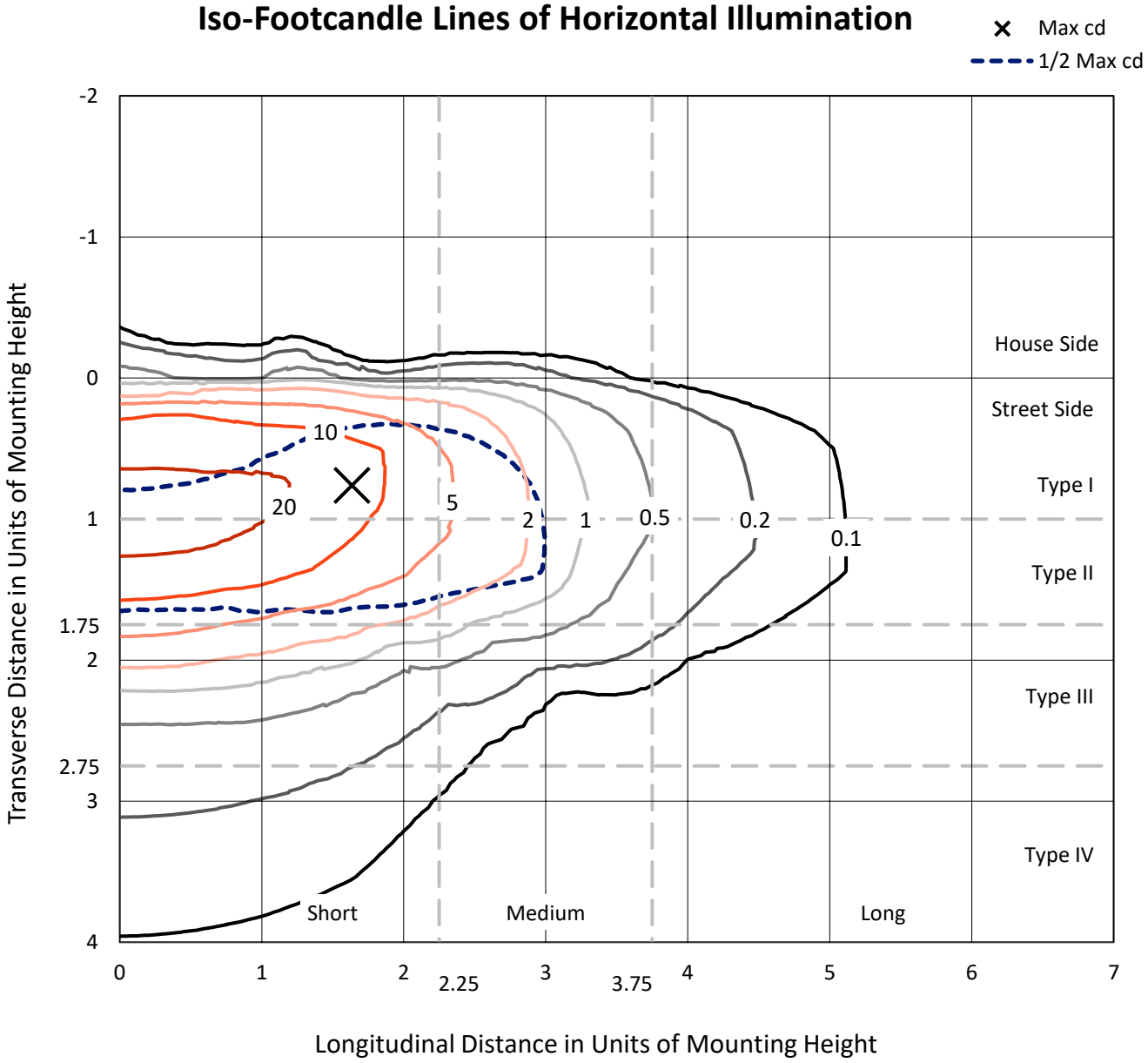
REPORT NUMBER: P1048226
CATALOG NUMBER: GALN-SA7B-950-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 32.6 fc
Type II - Short - N/A

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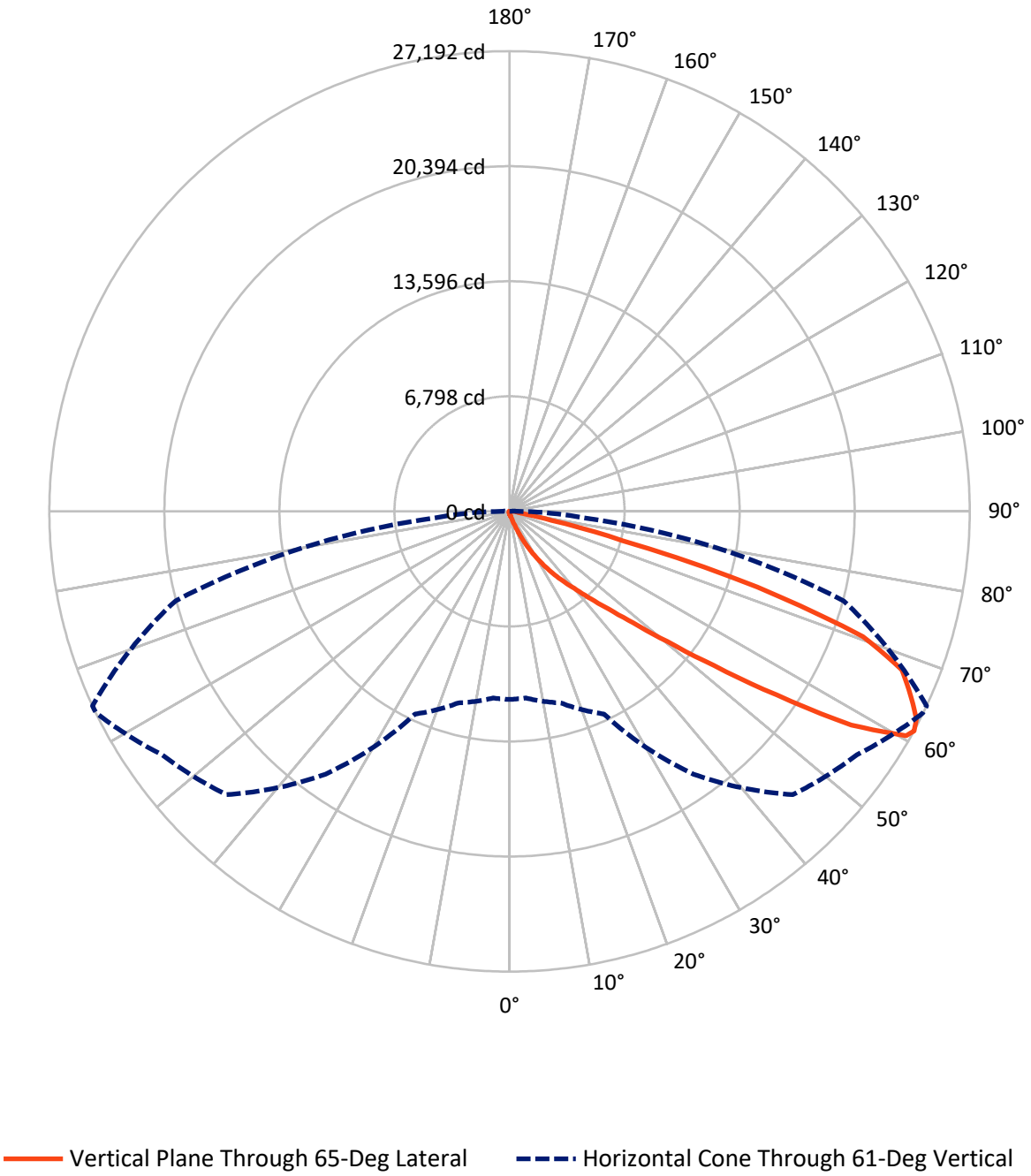
Luminous Intensity Polar Plot



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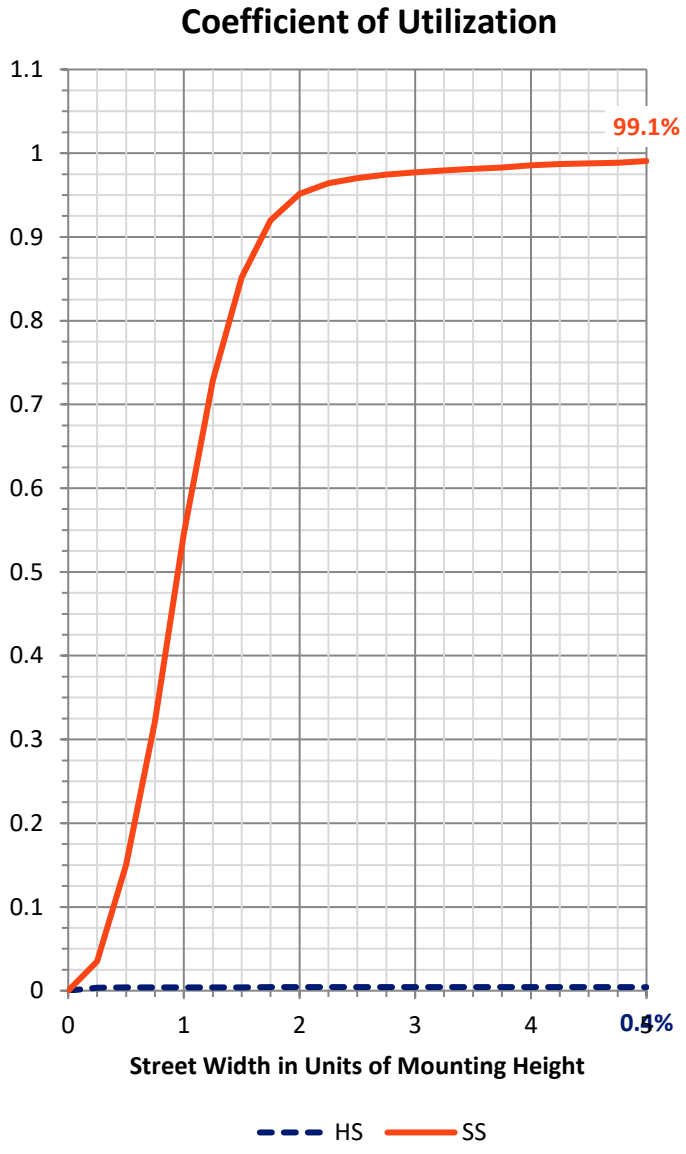
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	105.2	0.0	105.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24528.4	0.0	24528.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	24633.5	0.0	24633.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	0.1
10°-20°	202.6	0.8
20°-30°	727.0	3.0
30°-40°	1935.5	7.9
40°-50°	5084.5	20.6
50°-60°	7876.9	32.0
60°-70°	6604.6	26.8
70°-80°	1943.6	7.9
80°-90°	239.8	1.0
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°	24633.5	100.0
0°-180°	24633.5	100.0



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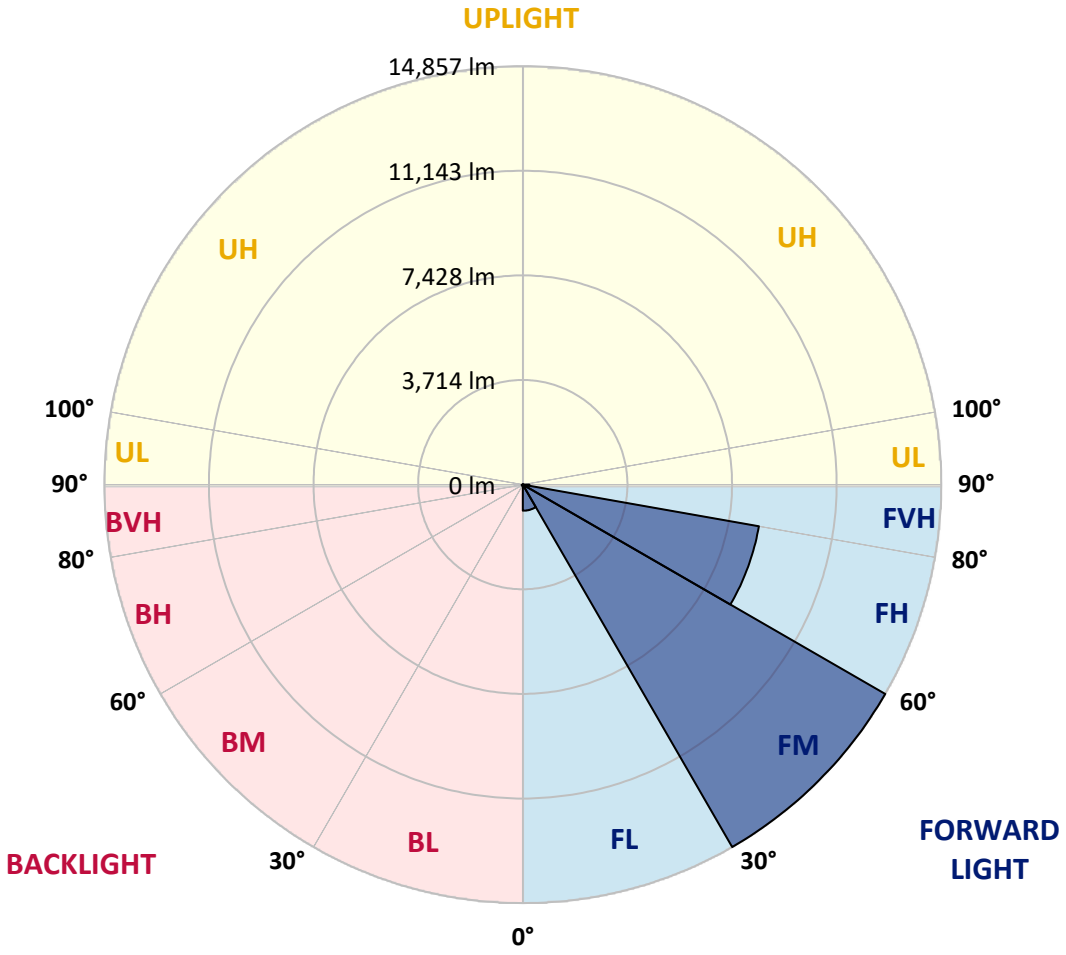
CATALOG NUMBER: GALN-SA7B-950-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	925.1	3.8			
FM	(30°-60°)	14856.8	60.3			
FH	(60°-80°)	8511.1	34.6			G4/12000
FVH	(80°-90°)	235.3	1.0			G3/500
BL	(0°-30°)	23.6	0.1	B0/110		
BM	(30°-60°)	40.0	0.2	B0/220		
BH	(60°-80°)	37.1	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	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-G4
Type II Short



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REPORT NUMBER: P1048226
CATALOG NUMBER: GALN-SA7B-950-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	150.8	150.8	150.8	150.8	150.8	150.8	150.8	150.8	*150.8*	150.8	150.8
2.5°	183.0	184.7	181.3	174.5	169.5	169.5	167.8	162.7	*162.7*	157.6	154.2
5°	255.9	252.5	245.7	232.1	220.3	208.4	196.6	184.7	*183.0*	167.8	157.6
7.5°	418.5	421.9	399.9	357.5	322.0	276.2	233.8	208.4	*205.0*	179.6	159.3
10°	918.4	893.0	842.2	677.8	557.5	420.2	311.8	242.3	*238.9*	193.2	162.7
12.5°	1674.2	1653.9	1560.7	1391.2	1081.1	752.4	455.8	299.9	*289.8*	205.0	164.4
15°	2413.0	2380.8	2330.0	2158.8	1796.2	1348.8	745.6	410.1	*383.0*	222.0	162.7
17.5°	2884.1	2889.2	2843.4	2770.5	2536.7	1996.1	1287.8	611.7	*559.2*	252.5	159.3
20°	3295.8	3284.0	3309.4	3270.4	3106.1	2712.9	1874.1	969.3	*879.5*	301.6	161.0
22.5°	3770.3	3799.1	3817.8	3809.3	3628.0	3292.5	2540.1	1450.5	*1337.0*	391.4	166.1
25°	4405.8	4402.4	4404.1	4382.0	4205.8	3833.0	3207.7	2048.7	*1933.4*	537.2	177.9
27.5°	5071.7	5092.0	5100.5	5020.9	4790.4	4424.4	3826.2	2702.8	*2567.2*	771.0	193.2
30°	5981.7	5964.7	5925.7	5763.1	5483.5	5029.3	4436.3	3389.0	*3246.7*	1098.1	216.9
32.5°	7208.5	7189.9	6993.3	6634.1	6215.5	5659.7	5049.7	4077.0	*3904.2*	1506.4	249.1
35°	9230.1	9258.9	8775.9	7845.6	7095.0	6417.2	5729.2	4761.6	*4609.1*	2009.7	293.2
37.5°	12326.0	12168.4	11512.6	9868.9	8252.3	7362.7	6378.2	5453.0	*5320.8*	2629.9	350.8
40°	15333.7	15177.8	14988.0	13430.8	10263.7	8404.8	7286.4	6264.6	*6093.5*	3329.7	435.5
42.5°	18495.7	18409.3	18400.8	17226.5	13934.1	10043.4	8379.4	7215.3	*7069.5*	4097.4	574.4
45°	20735.9	20649.4	20830.8	21035.8	18932.9	13554.5	10282.4	8450.6	*8238.8*	5029.3	796.4
47.5°	21037.5	21040.9	21525.5	22167.7	22647.3	18985.4	12817.4	10087.5	*9829.9*	6362.9	1169.2
50°	20034.3	20073.3	20844.3	21993.2	23284.4	23542.0	17287.5	12463.2	*12081.9*	7943.9	1697.9
52.5°	18124.6	18168.7	19243.0	21132.4	22698.1	24636.7	22550.7	15571.0	*15132.1*	9916.3	2443.5
55°	16404.7	16431.8	17663.7	20051.3	21991.5	24041.9	25675.4	19720.8	*19144.7*	12342.9	3178.9
57.5°	14701.7	14639.0	15440.5	18173.7	21871.2	23311.5	26136.3	24450.3	*23814.8*	14994.8	3751.7
60°	12424.2	12319.2	12963.1	14701.7	20288.5	23791.1	25273.8	27066.6	*26922.6*	18687.2	4193.9
61°	*11114.4*	*11070.3*	*11717.6*	*13208.8*	*18956.6*	*23669.1*	*25067.1*	*27176.7*	*27192.0*	*20434.2*	*4392.2*
62.5°	7937.1	8062.5	9052.1	10990.7	15877.7	22877.7	25094.2	26836.1	*26987.0*	22755.7	4905.6
65°	3528.0	3729.6	4499.0	6076.6	9233.5	19031.2	24853.6	26088.9	*26014.3*	23392.9	6674.7
67.5°	2092.7	2123.2	2506.2	3443.3	4890.4	10236.6	21932.2	25101.0	*25001.0*	20364.8	8304.9
70°	1648.8	1664.0	1786.0	2160.5	2838.3	3921.1	12517.4	21717.0	*22152.5*	16513.1	8130.3
72.5°	1564.0	1560.7	1577.6	1643.7	1787.7	1945.3	4846.3	14435.6	*15321.9*	11892.2	6817.1
75°	1543.7	1536.9	1520.0	1494.6	1294.6	1145.5	1501.3	6385.0	*6898.4*	8125.2	5132.7
77.5°	1498.0	1499.7	1503.0	1433.6	1109.9	810.0	726.9	2048.7	*2519.8*	5156.4	3648.3
80°	1013.3	1028.6	1054.0	1026.9	998.1	586.3	513.4	728.6	*738.8*	2894.2	2409.6
82.5°	513.4	513.4	501.6	447.4	386.4	381.3	408.4	528.7	*535.5*	1464.1	1133.6
85°	310.1	327.0	333.8	303.3	277.9	255.9	311.8	420.2	*435.5*	567.7	264.3
87.5°	69.5	71.2	77.9	103.4	150.8	205.0	289.8	384.7	*391.4*	364.3	32.2
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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REPORT NUMBER: P1048226
CATALOG NUMBER: GALN-SA7B-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	150.8	150.8	150.8	150.8	150.8	150.8	150.8	150.8	150.8	150.8	150.8
2.5°	152.5	149.1	147.4	142.3	137.3	132.2	128.8	127.1	128.8	130.5	130.5
5°	150.8	145.7	137.3	128.8	122.0	115.2	108.4	106.8	106.8	108.4	108.4
7.5°	150.8	142.3	130.5	120.3	110.1	100.0	94.9	91.5	93.2	93.2	93.2
10°	150.8	140.6	125.4	110.1	98.3	86.4	77.9	74.6	74.6	74.6	74.6
12.5°	149.1	139.0	120.3	101.7	84.7	71.2	61.0	55.9	57.6	57.6	57.6
15°	145.7	133.9	113.5	86.4	67.8	54.2	44.1	39.0	40.7	44.1	45.8
17.5°	140.6	128.8	101.7	72.9	54.2	40.7	30.5	27.1	28.8	33.9	33.9
20°	139.0	123.7	89.8	59.3	40.7	28.8	20.3	16.9	18.6	25.4	27.1
22.5°	139.0	120.3	81.3	49.1	30.5	18.6	11.9	6.8	6.8	11.9	11.9
25°	140.6	118.6	74.6	40.7	22.0	13.6	6.8	3.4	6.8	18.6	22.0
27.5°	144.0	116.9	71.2	33.9	16.9	11.9	5.1	11.9	20.3	20.3	20.3
30°	147.4	113.5	66.1	28.8	15.3	8.5	8.5	16.9	16.9	20.3	22.0
32.5°	152.5	111.8	62.7	25.4	11.9	6.8	11.9	10.2	10.2	11.9	13.6
35°	162.7	113.5	59.3	25.4	11.9	8.5	10.2	5.1	3.4	3.4	3.4
37.5°	176.2	115.2	54.2	22.0	10.2	10.2	5.1	0.0	0.0	0.0	0.0
40°	198.3	120.3	50.8	20.3	8.5	8.5	1.7	0.0	0.0	0.0	0.0
42.5°	235.5	130.5	49.1	18.6	8.5	6.8	0.0	0.0	0.0	0.0	0.0
45°	310.1	154.2	45.8	16.9	8.5	3.4	0.0	0.0	0.0	0.0	0.0
47.5°	445.7	210.1	44.1	13.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	650.7	284.7	42.4	11.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	830.3	299.9	28.8	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	850.7	206.7	22.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	677.8	133.9	18.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	513.4	101.7	16.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*493.1*	*91.5*	*16.9*	*1.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	543.9	79.6	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	884.5	66.1	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1536.9	57.6	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1941.9	54.2	10.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1692.8	49.1	10.2	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	1018.4	42.4	10.2	6.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	533.8	32.2	10.2	8.5	5.1	1.7	0.0	0.0	0.0	0.0	0.0
80°	259.3	28.8	11.9	8.5	6.8	3.4	0.0	0.0	0.0	0.0	0.0
82.5°	101.7	23.7	13.6	11.9	8.5	5.1	1.7	0.0	0.0	0.0	0.0
85°	45.8	20.3	15.3	13.6	11.9	6.8	1.7	0.0	0.0	0.0	0.0
87.5°	23.7	18.6	16.9	15.3	11.9	8.5	3.4	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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

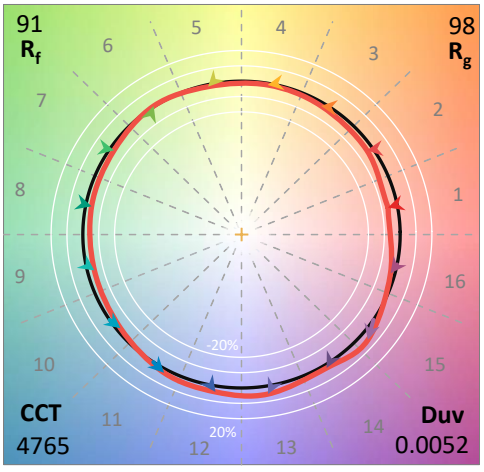
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-17
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-950-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4765
CIE u':	0.2105
CIE v':	0.4941
Duv:	0.0052
CIE x:	0.3536
CIE y:	0.3689
CIE z:	0.2775
Peak Wavelength (nm):	449
Dominant Wavelength (nm):	571
Purity:	16.80041
Rf:	90.7
Rg:	98

CRI (Ra):	90.8				
R1:	89.8	R9:	54.9		
R2:	93.1	R10:	83.0		
R3:	95.3	R11:	89.6		
R4:	90.3	R12:	68.0		
R5:	89.0	R13:	90.6		
R6:	89.7	R14:	97.3		
R7:	94.9	R15:	86.2		
R8:	84.0				



Test Conditions

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

REPORT NUMBER: SP1-2407-184-17

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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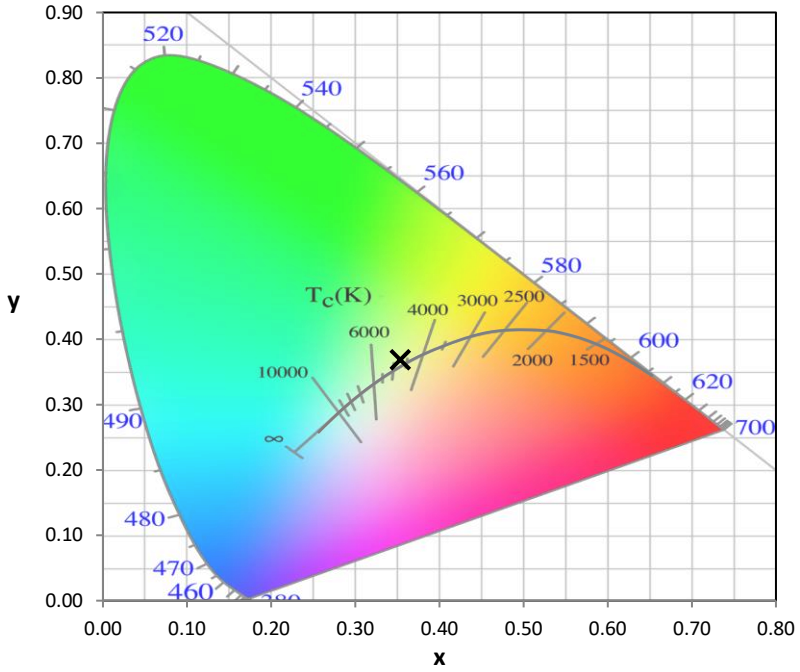
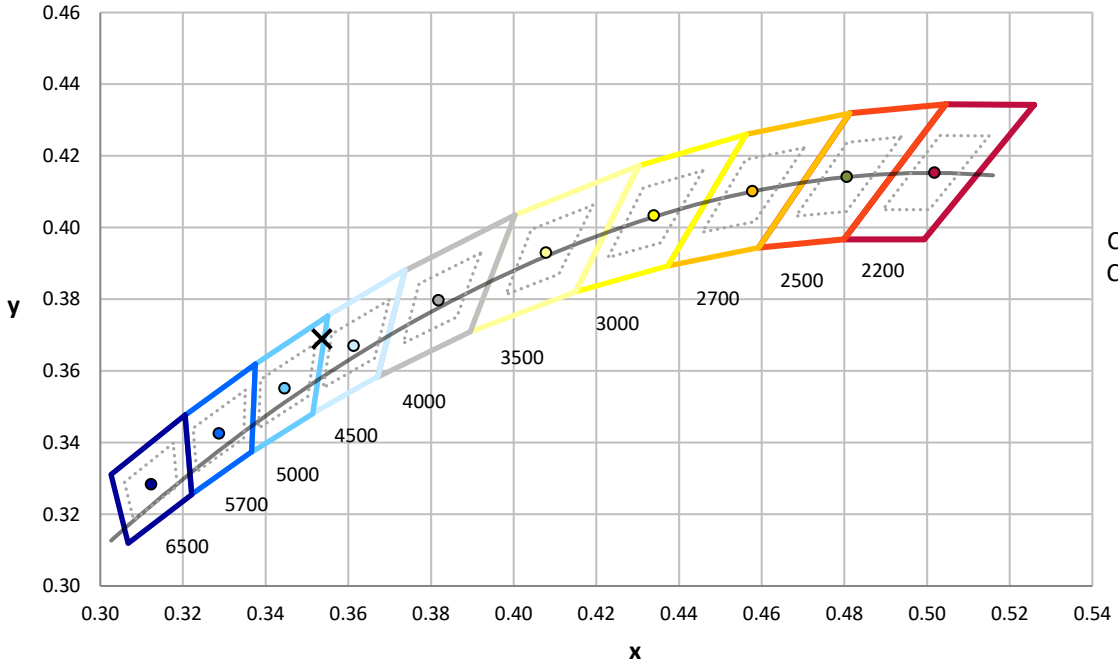
CIE 1931 Chromaticity Diagram



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

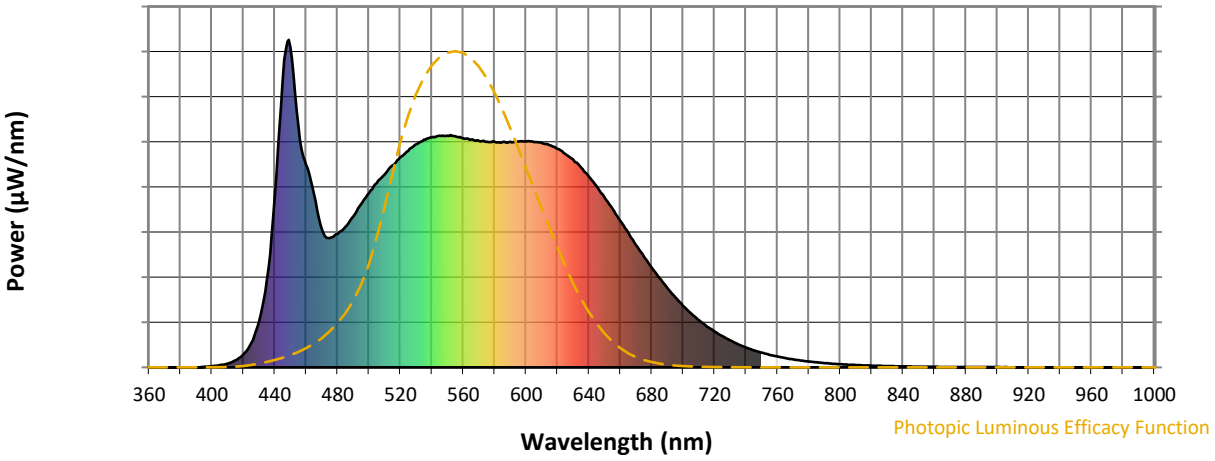


CCT = 4765K
CIE x = 0.3536
CIE y = 0.3689
Duv = 0.0052

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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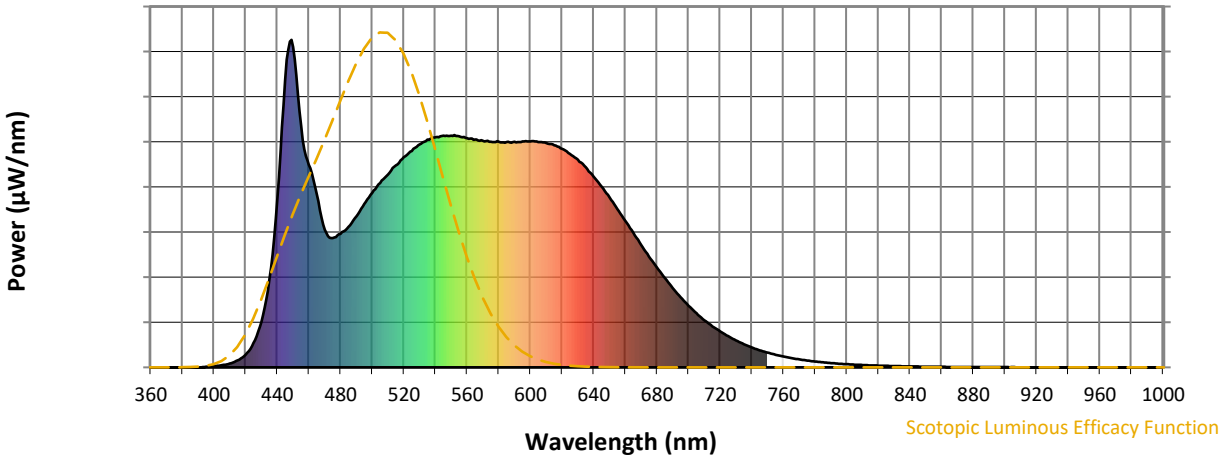
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.99**

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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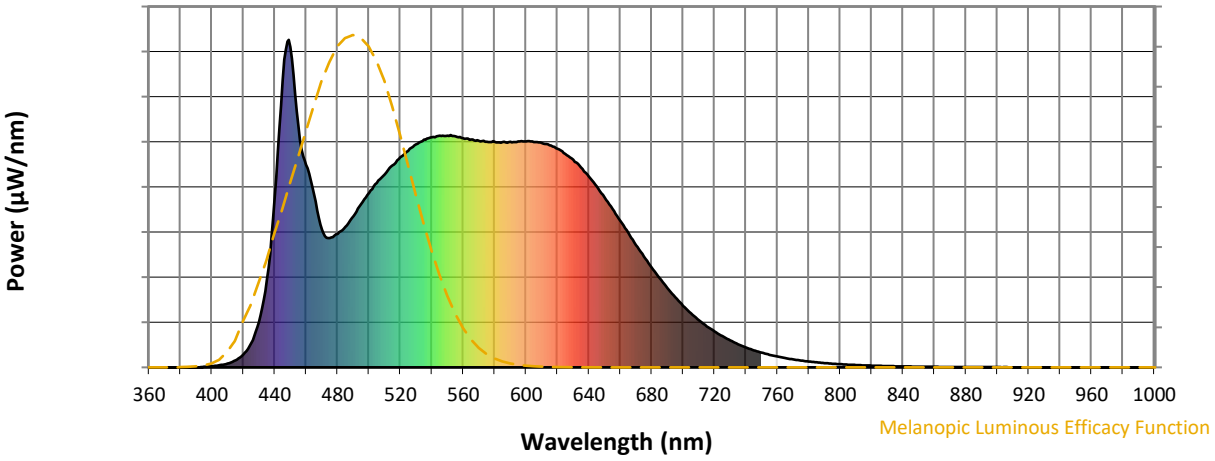
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.22**

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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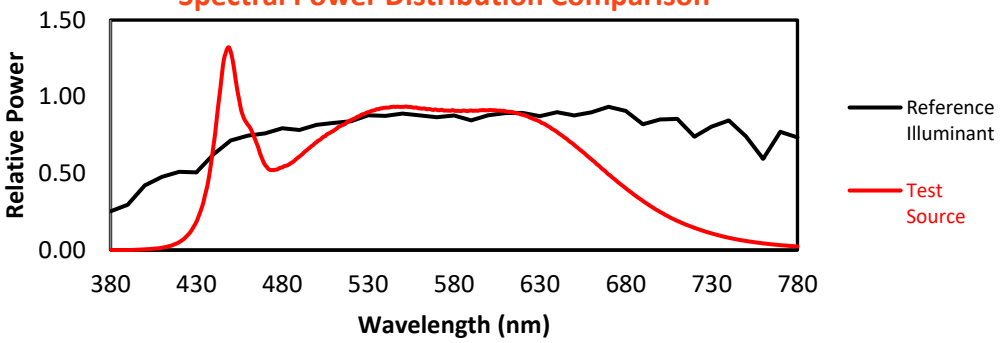
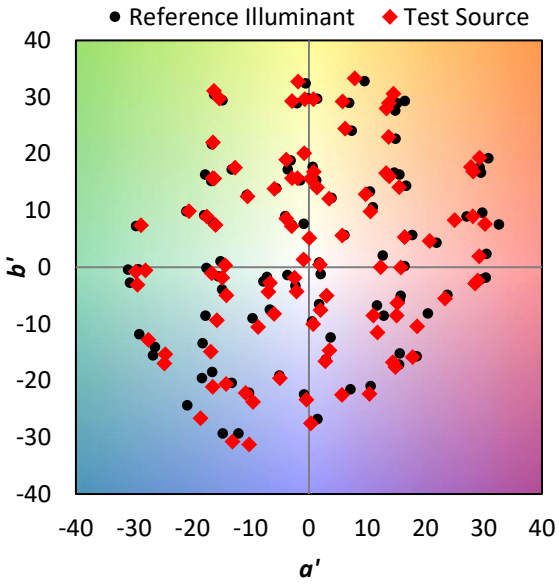
Summary

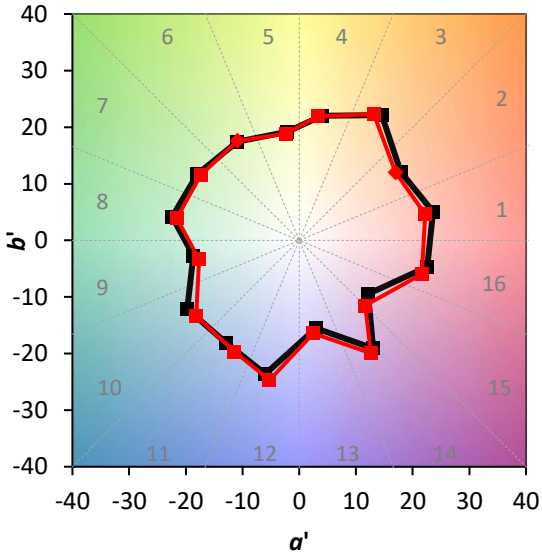
R_f = 90.7
R_g = 98
CIE R_a = 90.8
R_9 = 54.9

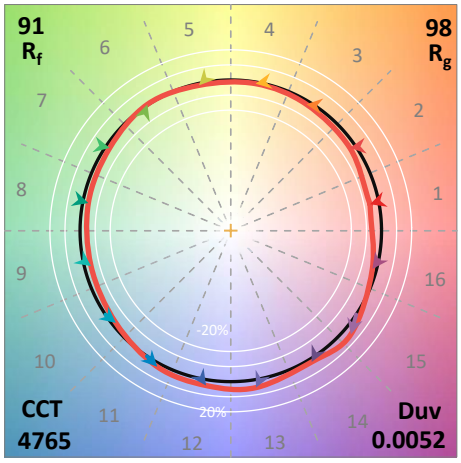
Spectral Power Distribution Comparison

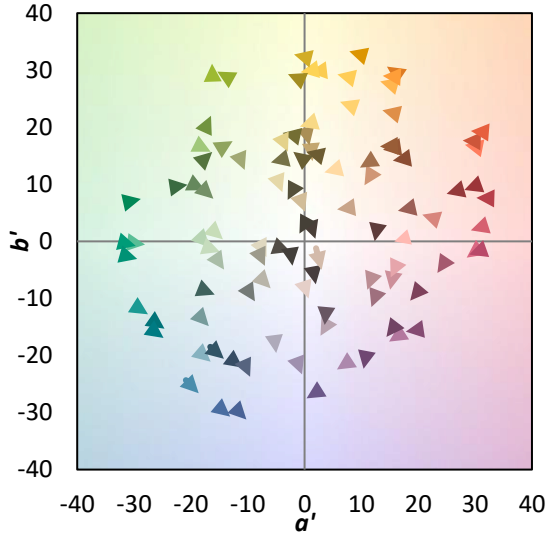


Color Vector Graphics









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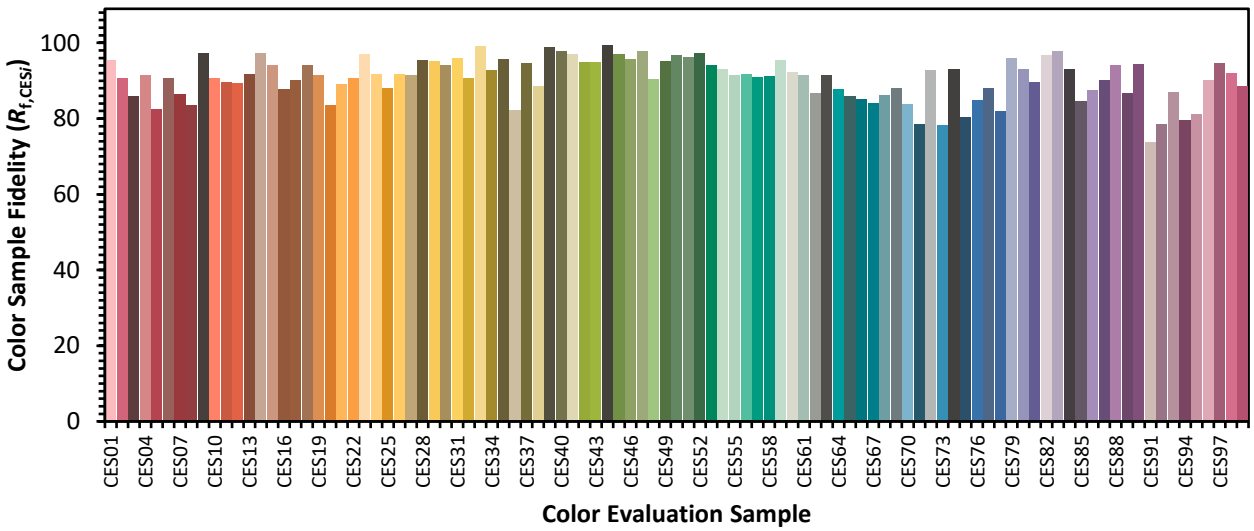
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



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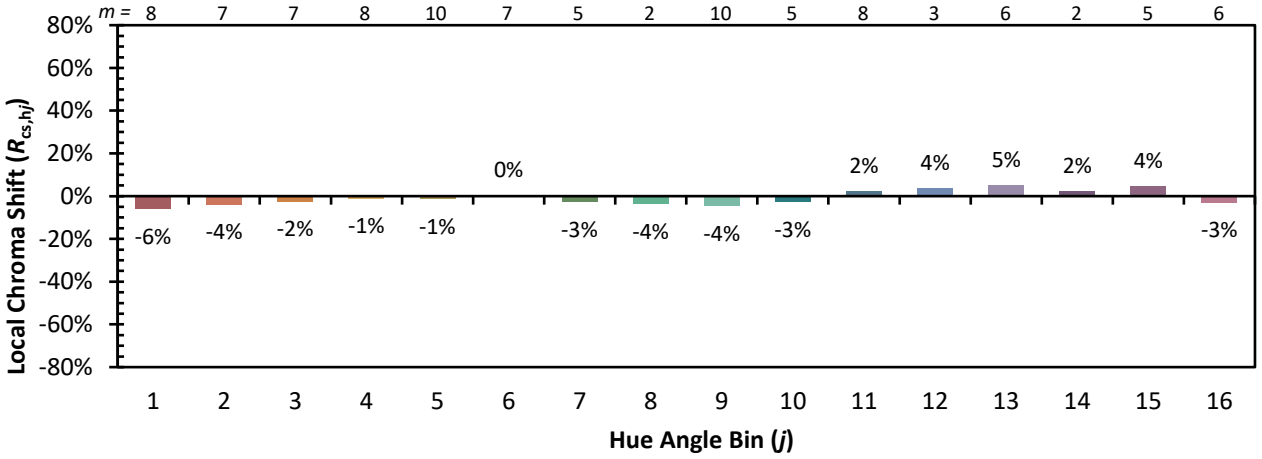
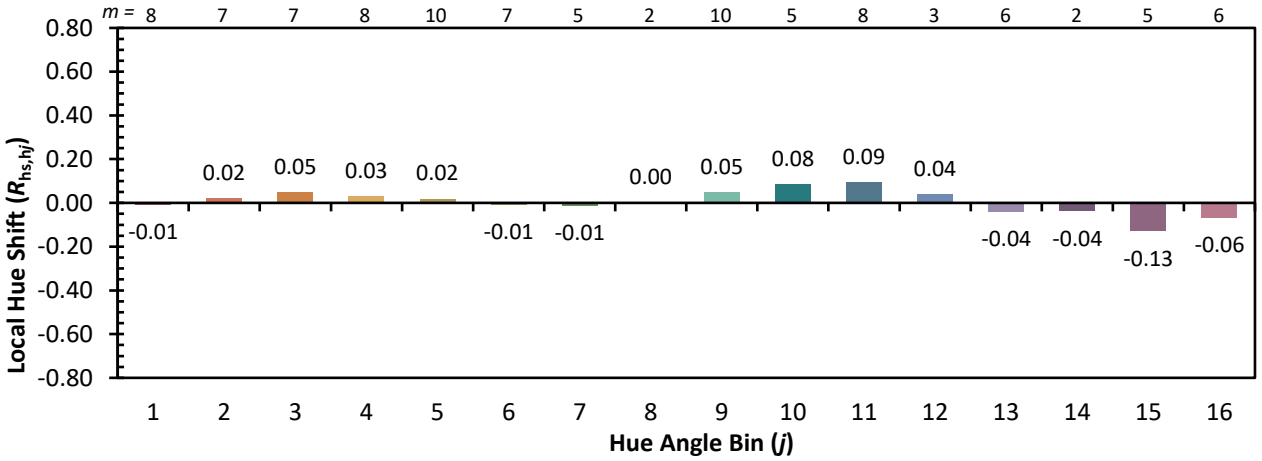
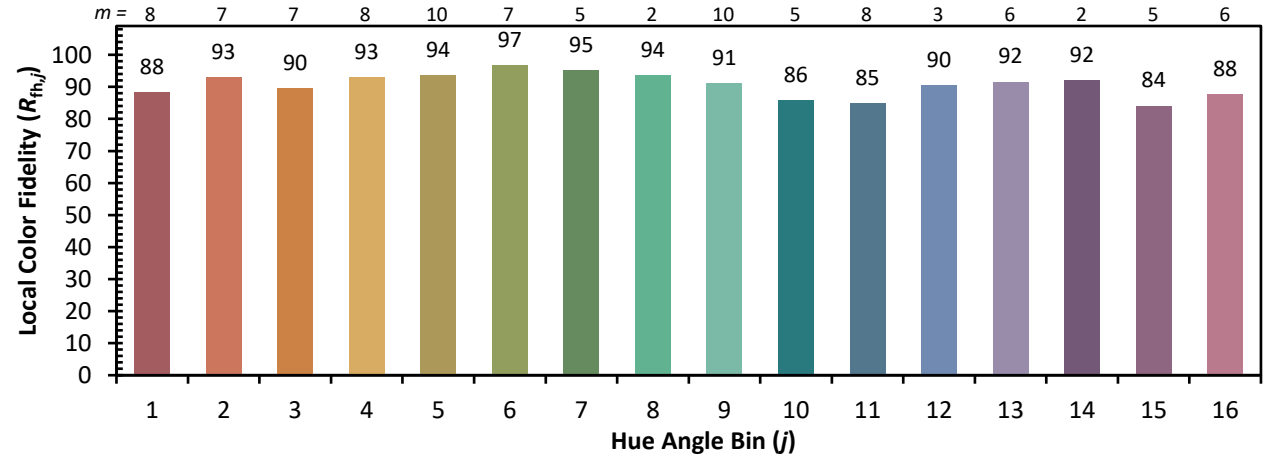
Color Rendition by Hue-Angle Bin







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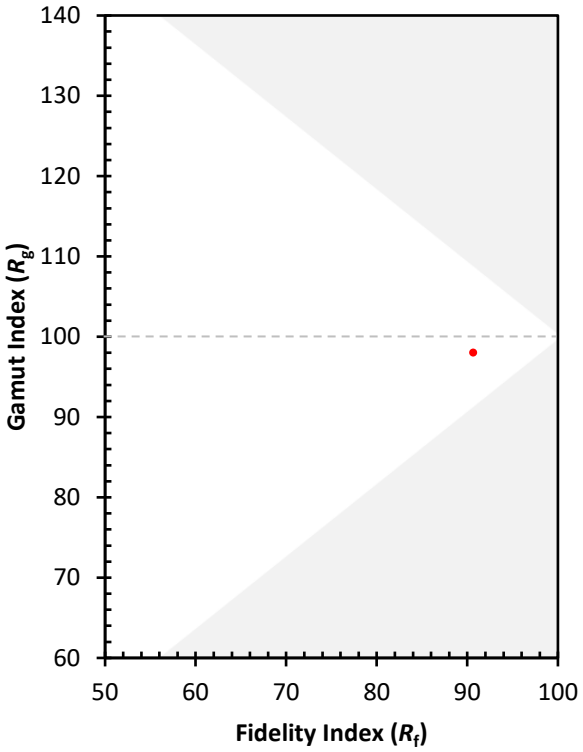
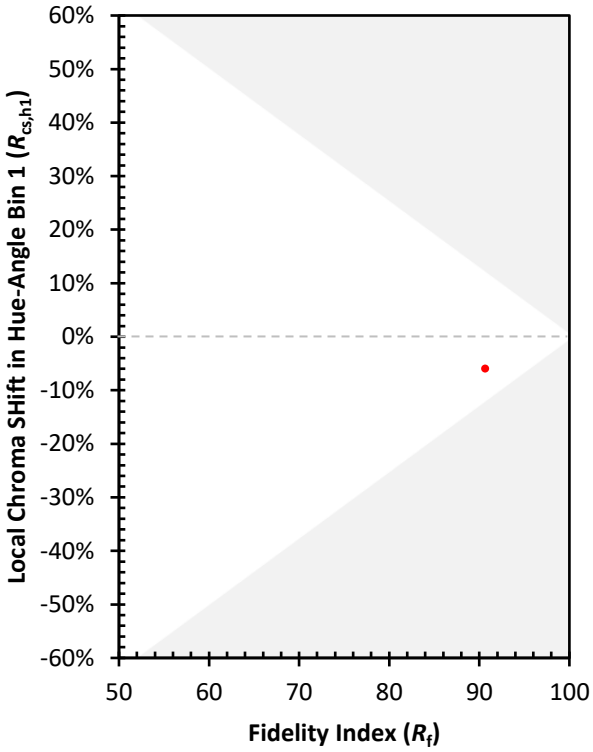
Measure Comparisons





(END OF REPORT)