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: P1048266

Luminaire Tested: **GALN-SA8B-740-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:	P1048266
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8B-740-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(112) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	36224.4 lumens
Efficiency:	N/A
Efficacy:	128.1 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):	282.8
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: P1048266
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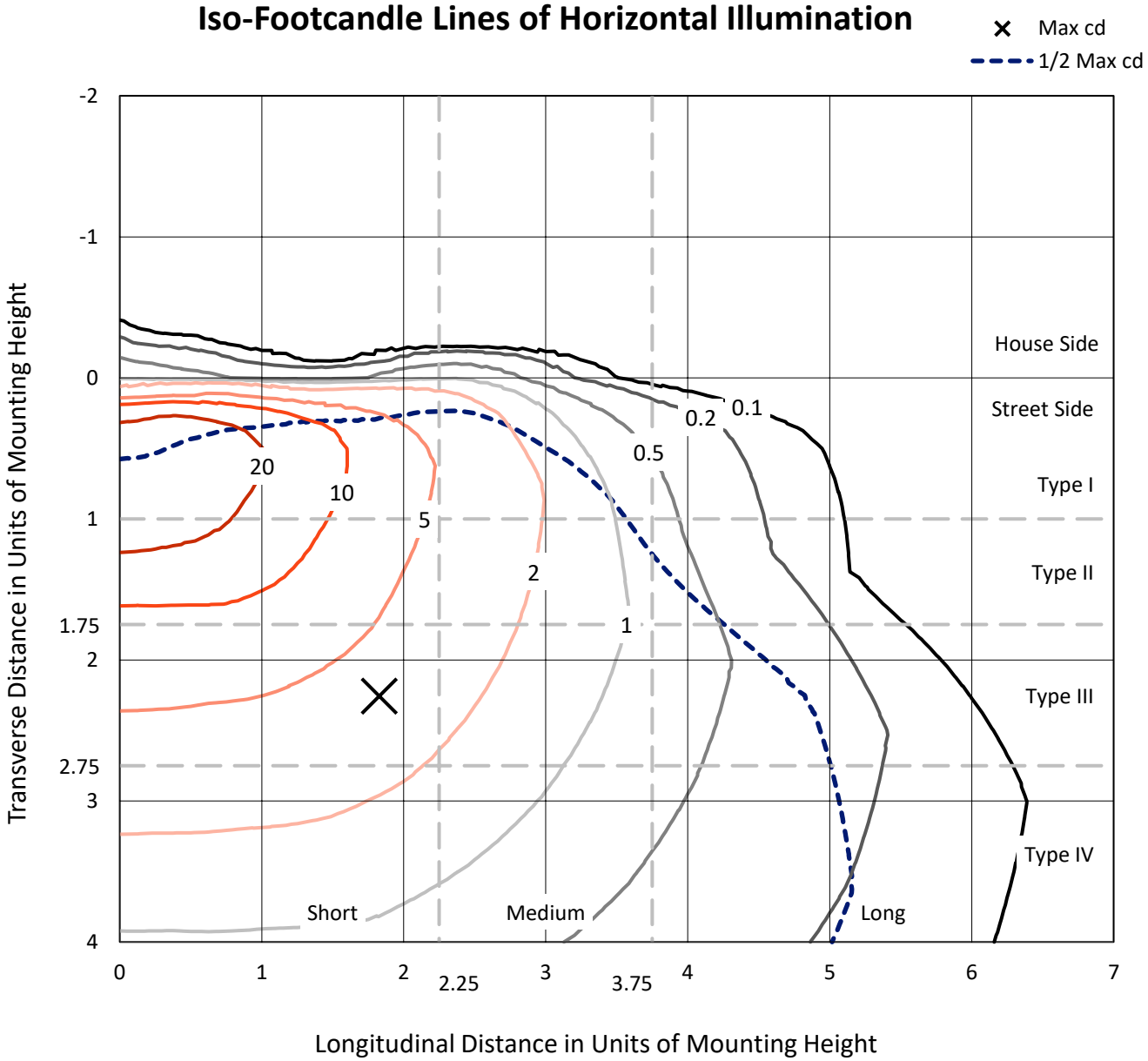
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 37.2 fc
Type IV - Short - N/A

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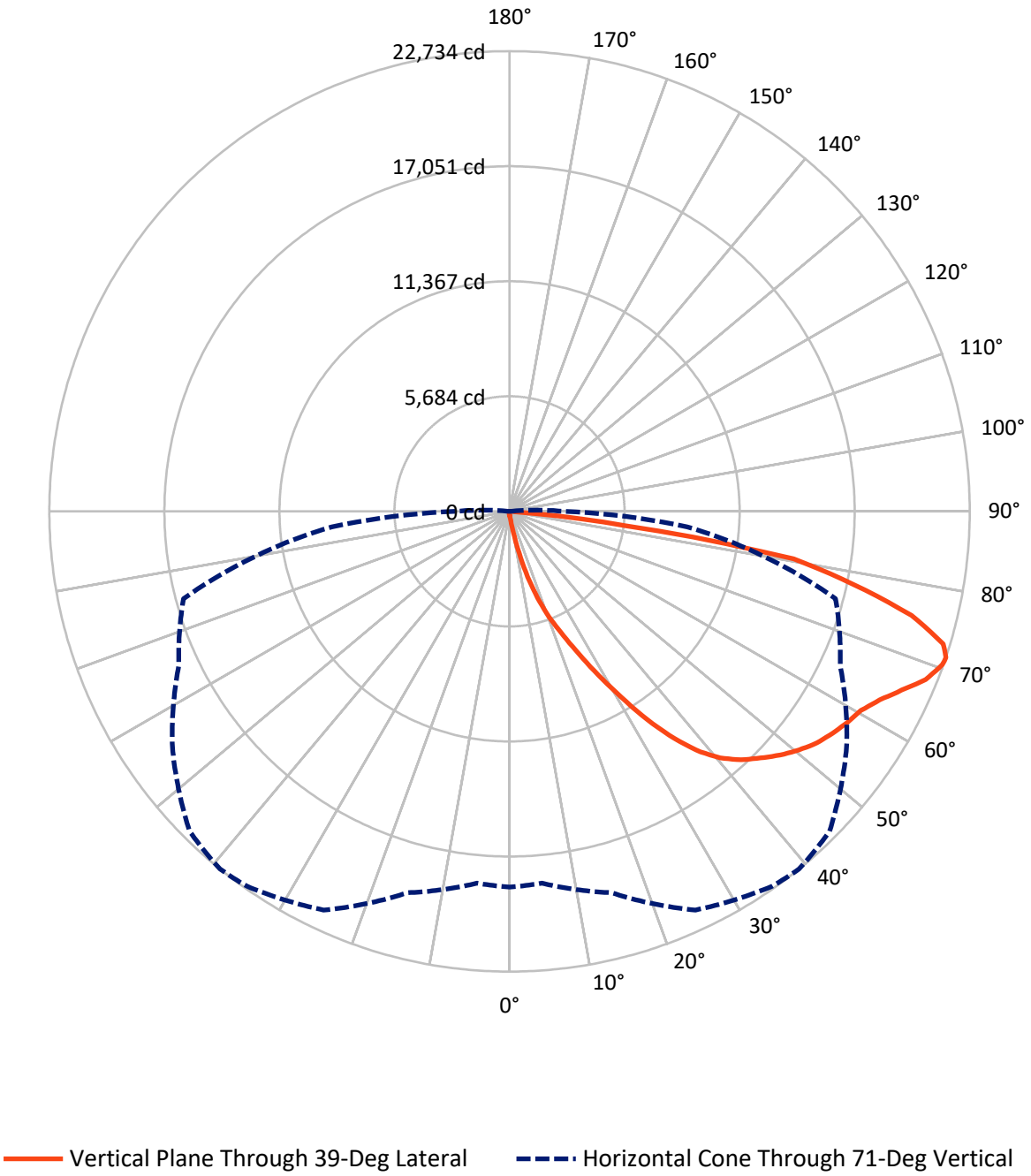
Luminous Intensity Polar Plot



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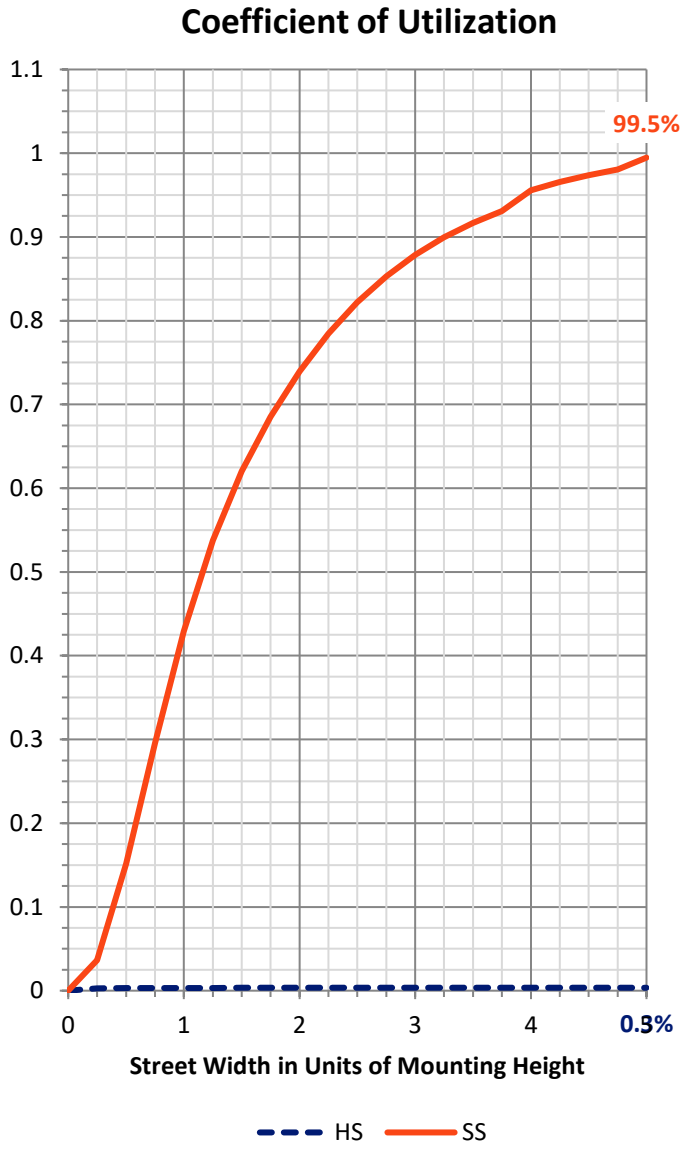
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	128.7	0.0	128.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	36095.6	0.0	36095.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	36224.4	0.0	36224.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.3	0.1
10°-20°	387.2	1.1
20°-30°	1378.8	3.8
30°-40°	3323.0	9.2
40°-50°	5561.3	15.4
50°-60°	7142.8	19.7
60°-70°	9039.3	25.0
70°-80°	8058.9	22.2
80°-90°	1302.7	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°	36224.4	100.0
0°-180°	36224.4	100.0



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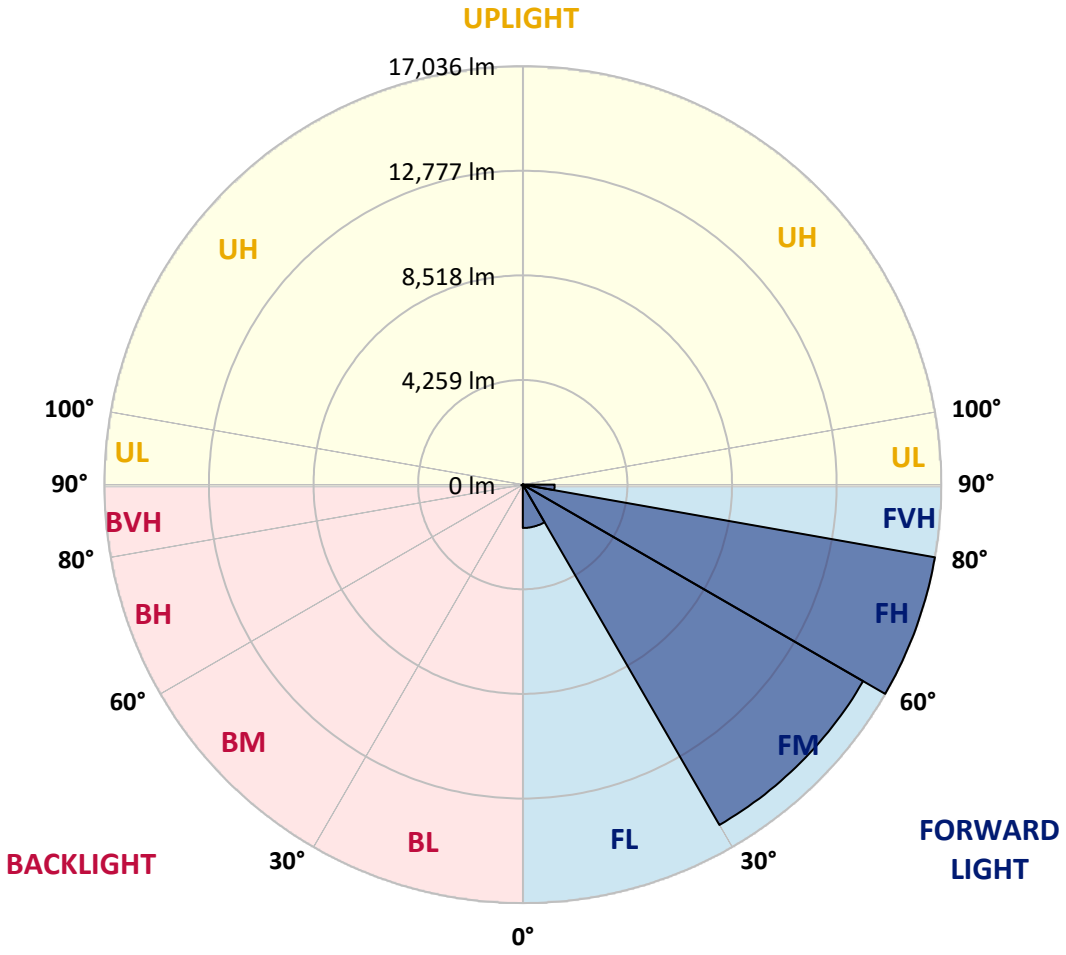
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1765.1	4.9			
FM	(30°-60°)	15997.4	44.2			
FH	(60°-80°)	17036.4	47.0			G5
FVH	(80°-90°)	1296.8	3.6			G5
BL	(0°-30°)	31.1	0.1	B0/110		
BM	(30°-60°)	29.8	0.1	B0/220		
BH	(60°-80°)	61.9	0.2	B0/110		G0/110
BVH	(80°-90°)	5.9	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	198.6	198.6	198.6	198.6	198.6	*198.6*	198.6	198.6	198.6	198.6	198.6
2.5°	228.1	228.1	228.1	220.7	220.7	*218.2*	215.8	215.8	210.9	208.4	203.5
5°	345.8	338.4	321.2	311.4	291.8	*279.6*	267.3	250.1	233.0	220.7	206.0
7.5°	782.3	799.4	743.0	637.6	529.7	*483.1*	404.6	326.1	269.7	233.0	208.4
10°	1993.6	1983.8	1792.6	1581.7	1221.2	*1076.5*	843.6	532.1	348.2	255.0	210.9
12.5°	3391.4	3381.6	3156.0	2869.1	2393.3	*2091.7*	1650.3	993.1	500.2	289.4	210.9
15°	4566.0	4526.8	4455.6	4171.2	3614.5	*3362.0*	2778.3	1755.8	809.2	348.2	215.8
17.5°	5343.3	5309.0	5242.8	5139.8	4786.7	*4487.5*	4019.1	2758.7	1309.5	451.2	225.6
20°	6056.9	6032.4	5978.5	5958.8	5730.8	*5571.4*	5183.9	3911.3	2040.2	613.0	240.3
22.5°	7037.8	6986.3	7008.4	6890.7	6667.5	*6476.2*	6238.4	5117.7	2932.8	882.8	267.3
25°	8239.4	8214.9	8153.5	8070.2	7761.2	*7594.4*	7229.1	6255.5	3930.9	1235.9	296.7
27.5°	9691.1	9664.1	9649.4	9458.1	9102.5	*8921.1*	8411.0	7329.6	5054.0	1731.2	336.0
30°	11363.5	11375.7	11280.1	11034.9	10620.5	*10365.4*	9840.7	8455.2	6204.1	2312.4	377.6
32.5°	13094.7	13070.2	12923.1	12633.7	12263.4	*12025.6*	11358.6	9688.6	7410.5	3080.0	426.7
35°	14960.8	14914.2	14526.8	14195.8	13879.4	*13580.3*	12972.1	11120.7	8617.0	3940.7	492.9
37.5°	16844.1	16625.9	15848.5	15429.2	15211.0	*14965.7*	14399.3	12648.4	9816.1	4901.9	573.8
40°	18266.4	18097.2	17175.2	16402.7	16228.6	*16020.2*	15598.4	13967.7	11091.3	5934.3	671.9
42.5°	19053.6	18960.4	18131.5	17368.9	16959.4	*16775.5*	16415.0	15120.2	12351.7	7074.6	814.1
45°	19389.5	19244.8	18690.6	18335.1	17682.8	*17378.7*	16949.6	15990.8	13668.5	8369.3	1012.8
47.5°	19286.5	19203.1	18805.9	18935.8	18462.6	*17989.3*	17359.1	16657.8	14794.1	9855.4	1285.0
50°	18639.1	18568.0	18445.4	19149.2	19090.3	*18531.2*	17888.8	17185.0	15713.7	11388.0	1706.7
52.5°	17408.1	17378.7	17692.6	18982.4	19445.9	*19009.4*	18398.8	17650.9	16571.9	12989.3	2310.0
55°	15821.6	15941.7	16839.2	18722.5	19627.4	*19362.5*	18850.0	18087.4	17261.0	14421.4	3200.1
57.5°	15169.3	15201.2	16321.8	18538.6	19708.3	*19674.0*	19289.0	18504.3	17893.7	15566.5	4558.6
60°	15931.9	15882.9	16473.8	18678.4	19870.1	*19953.5*	19678.9	18891.7	18443.0	16549.9	6368.3
62.5°	17310.0	17283.1	17471.9	19274.3	20343.4	*20512.6*	20220.8	19171.3	18928.5	17197.2	8433.1
65°	18541.0	18484.6	18835.3	20331.1	21174.7	*21294.9*	21039.8	19649.4	19141.8	17668.1	10372.8
67.5°	19073.2	19060.9	19624.9	21336.5	22047.7	*22177.6*	21954.5	20309.1	19092.8	17817.6	11228.6
70°	18830.4	18783.8	19686.2	21763.2	22540.6	*22687.7*	22471.9	20554.3	18560.7	17344.4	9960.8
71°	*18563.1*	*18438.1*	*19502.3*	*21733.8*	*22609.2*	*22734.3*	*22356.7*	*20331.1*	*18026.1*	*16672.5*	*8810.7*
72.5°	17734.3	17756.3	18997.2	21427.3	22444.9	*22408.2*	21704.4	19531.7	17381.2	15147.2	7077.0
75°	15694.0	15824.0	17361.5	20139.9	20978.5	*20510.2*	19433.6	18004.0	16086.4	10860.8	4914.2
77.5°	12825.0	13018.7	14708.3	17663.2	17425.3	*17378.7*	17334.6	15863.2	13737.2	5833.8	3418.4
80°	6123.1	6542.5	8872.0	12609.2	13698.0	*14225.2*	13894.1	12783.3	10622.9	2778.3	2042.7
82.5°	399.7	394.8	559.1	1059.3	4465.4	*5772.5*	9171.2	9136.9	7405.6	1353.6	833.7
85°	188.8	193.7	213.3	242.8	282.0	*309.0*	426.7	2501.2	3543.4	644.9	181.5
87.5°	110.3	112.8	132.4	169.2	220.7	*245.2*	291.8	375.2	461.0	355.6	39.2
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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CATALOG NUMBER: GALN-SA8B-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	198.6	198.6	198.6	198.6	198.6	198.6	198.6	198.6	198.6	198.6	198.6
2.5°	201.1	198.6	191.3	183.9	176.6	171.7	169.2	171.7	171.7	174.1	174.1
5°	201.1	193.7	181.5	166.7	156.9	147.1	142.2	139.8	142.2	142.2	142.2
7.5°	198.6	186.4	169.2	152.0	139.8	127.5	122.6	120.2	120.2	122.6	122.6
10°	193.7	181.5	159.4	139.8	125.1	110.3	103.0	95.6	95.6	95.6	98.1
12.5°	191.3	174.1	147.1	127.5	107.9	90.7	76.0	68.7	71.1	71.1	71.1
15°	186.4	166.7	139.8	115.3	90.7	68.7	56.4	49.0	51.5	53.9	51.5
17.5°	186.4	164.3	130.0	100.5	71.1	51.5	41.7	36.8	36.8	39.2	39.2
20°	186.4	159.4	122.6	85.8	53.9	39.2	29.4	27.0	27.0	31.9	34.3
22.5°	191.3	159.4	112.8	71.1	44.1	29.4	22.1	19.6	22.1	27.0	29.4
25°	198.6	156.9	103.0	63.8	36.8	22.1	17.2	12.3	14.7	19.6	22.1
27.5°	206.0	154.5	93.2	56.4	29.4	17.2	12.3	9.8	7.4	9.8	9.8
30°	213.3	154.5	83.4	46.6	24.5	12.3	7.4	4.9	2.5	0.0	0.0
32.5°	218.2	149.6	76.0	36.8	19.6	9.8	4.9	2.5	0.0	0.0	0.0
35°	223.1	144.7	66.2	29.4	14.7	7.4	2.5	0.0	0.0	0.0	0.0
37.5°	228.1	137.3	56.4	24.5	12.3	4.9	0.0	0.0	0.0	0.0	0.0
40°	233.0	127.5	46.6	22.1	7.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	237.9	120.2	39.2	17.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	250.1	115.3	31.9	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	272.2	110.3	29.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	304.1	105.4	27.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	348.2	103.0	24.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	426.7	100.5	22.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	561.6	98.1	22.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	860.7	93.2	22.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1537.5	90.7	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2680.2	93.2	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3842.6	98.1	17.2	7.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	3288.4	85.8	17.2	9.8	4.9	2.5	0.0	0.0	0.0	0.0	0.0
71°	*2680.2*	*76.0*	*17.2*	*9.8*	*4.9*	*2.5*	*2.5*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1723.9	58.9	14.7	9.8	4.9	4.9	2.5	0.0	0.0	0.0	0.0
75°	728.3	49.0	14.7	9.8	7.4	4.9	4.9	2.5	0.0	0.0	0.0
77.5°	311.4	36.8	14.7	12.3	9.8	7.4	7.4	4.9	2.5	0.0	0.0
80°	117.7	29.4	17.2	14.7	12.3	12.3	9.8	4.9	2.5	0.0	0.0
82.5°	53.9	24.5	17.2	14.7	14.7	12.3	9.8	7.4	4.9	0.0	0.0
85°	34.3	22.1	17.2	14.7	14.7	12.3	12.3	7.4	4.9	0.0	0.0
87.5°	27.0	22.1	17.2	17.2	14.7	14.7	9.8	7.4	2.5	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

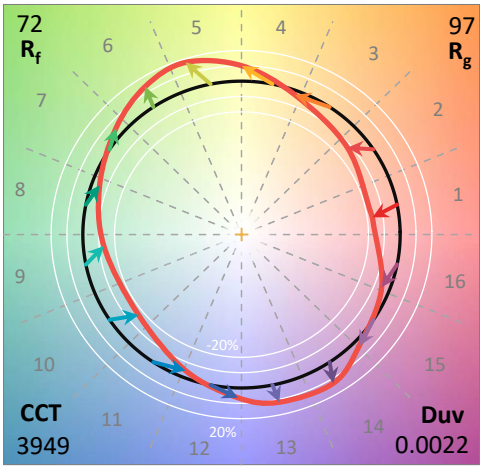
Test Information

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

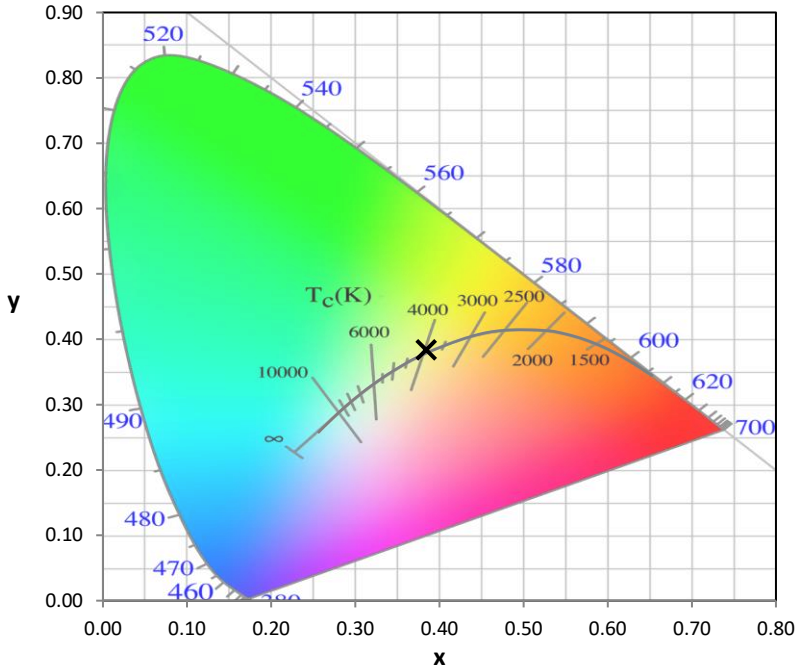
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

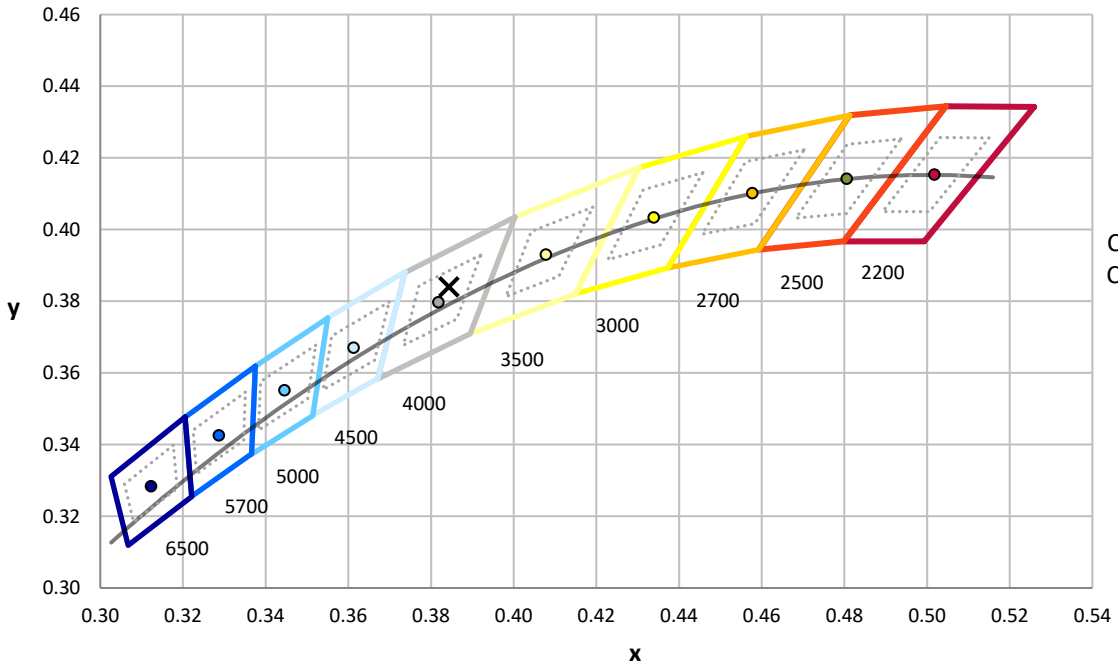
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

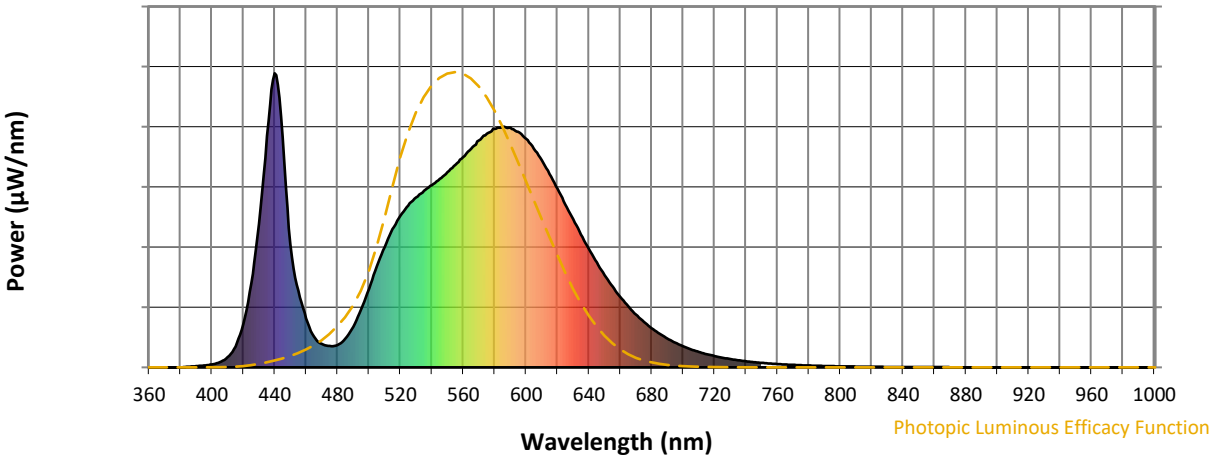


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

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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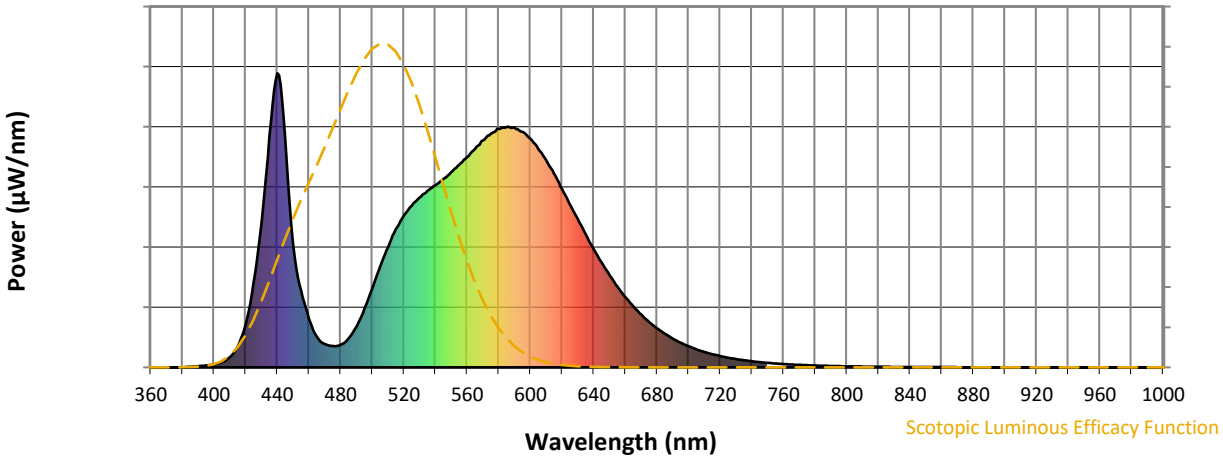
Scotopic Flux vs. Wavelength



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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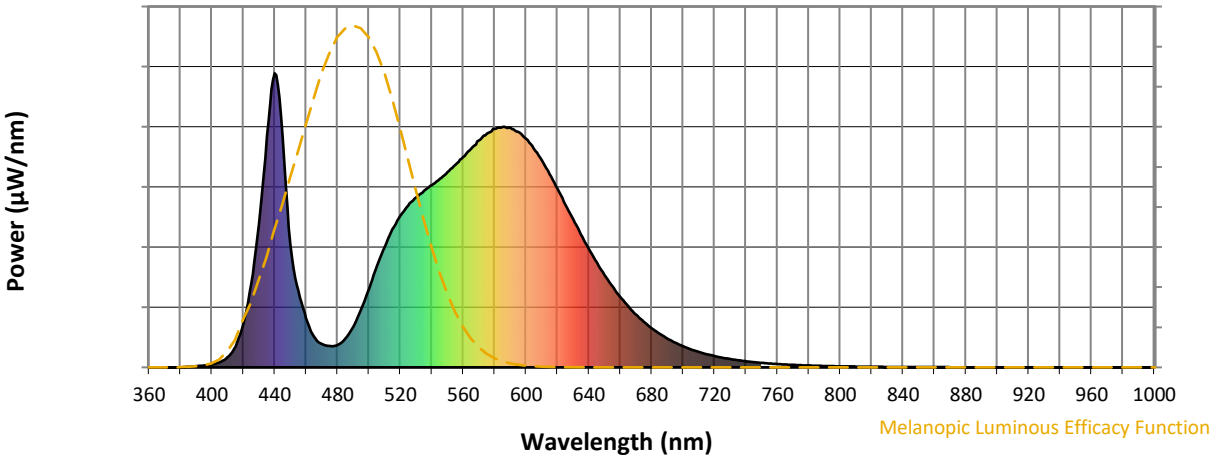
Melanopic Flux vs. Wavelength



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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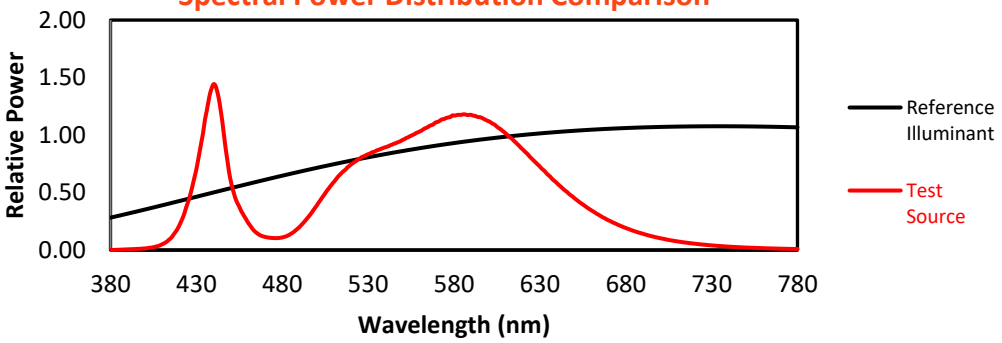
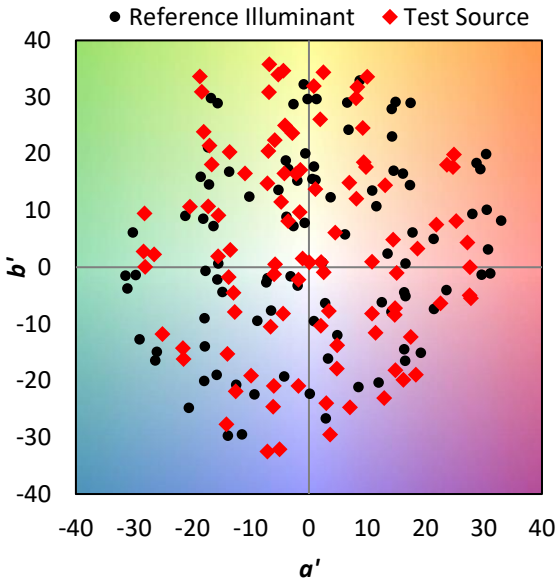
Summary

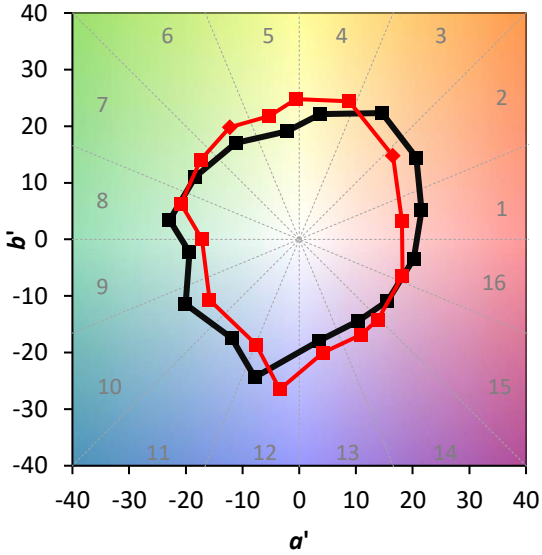
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

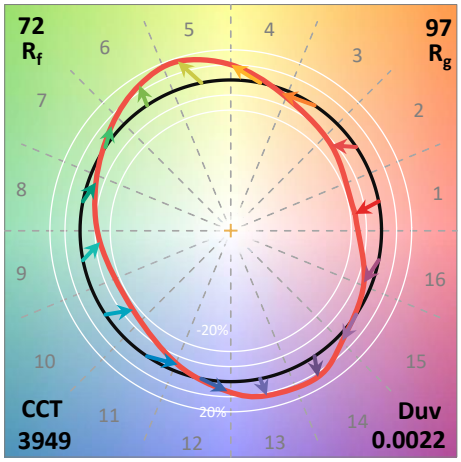
Spectral Power Distribution Comparison

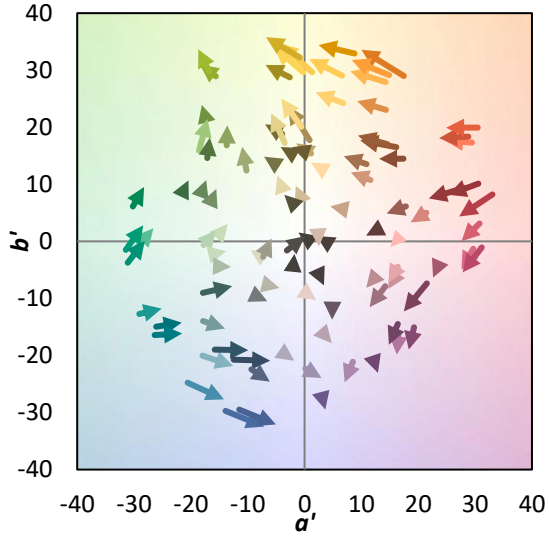


Color Vector Graphics









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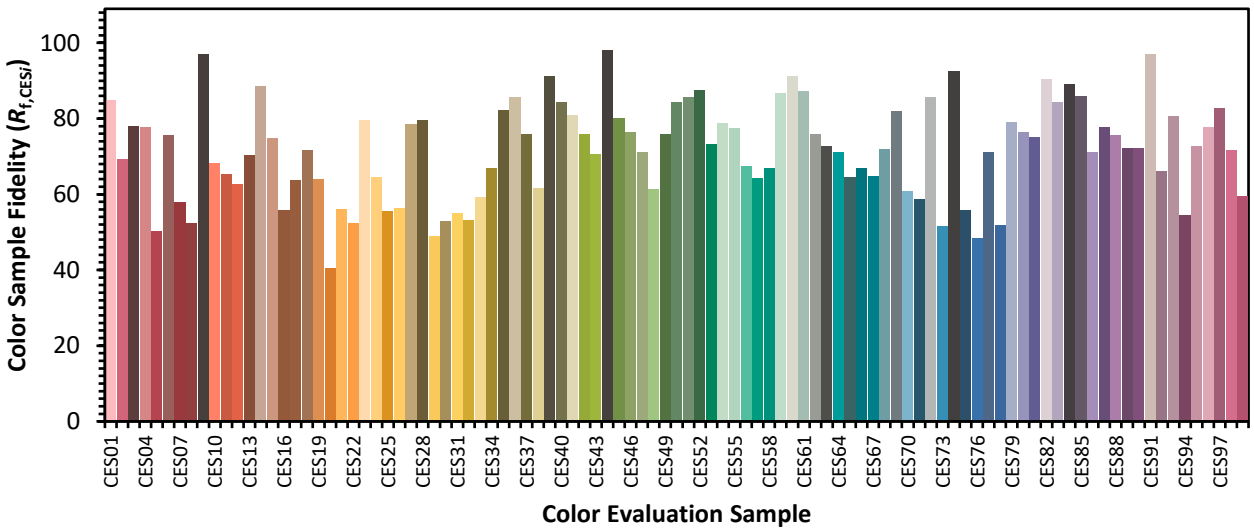
Individual Sample Fidelity Index ($R_{f,i}$)

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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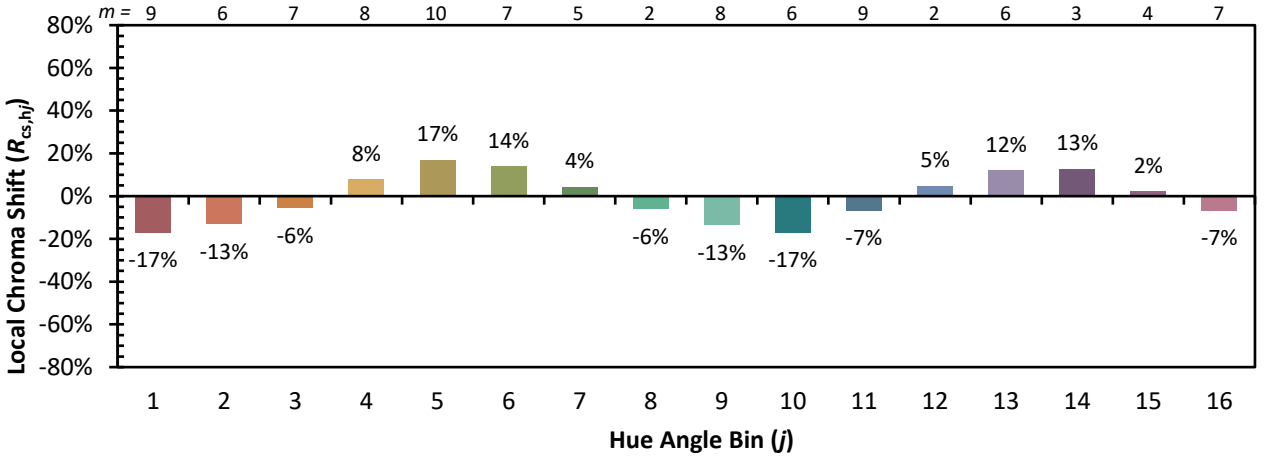
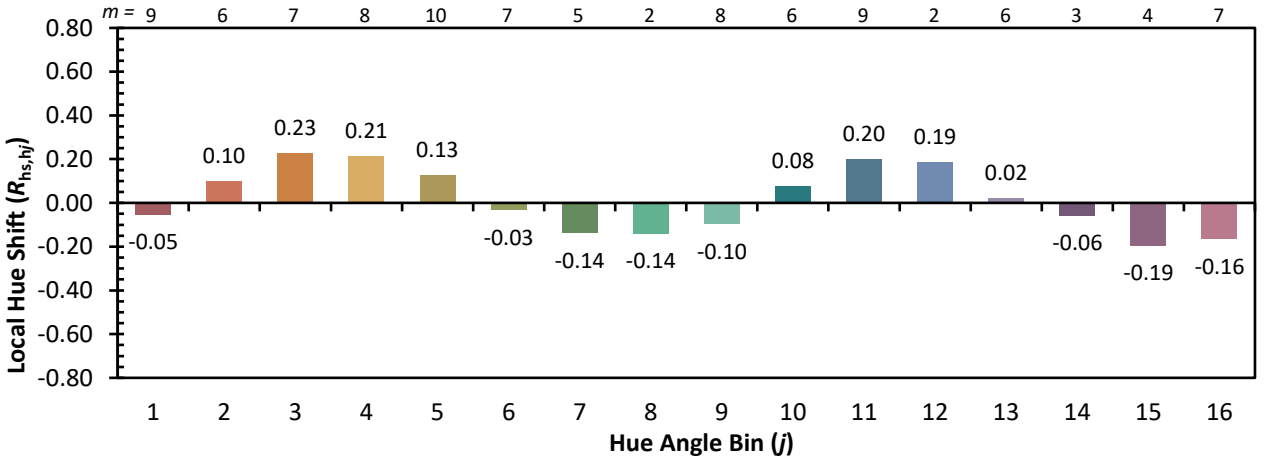
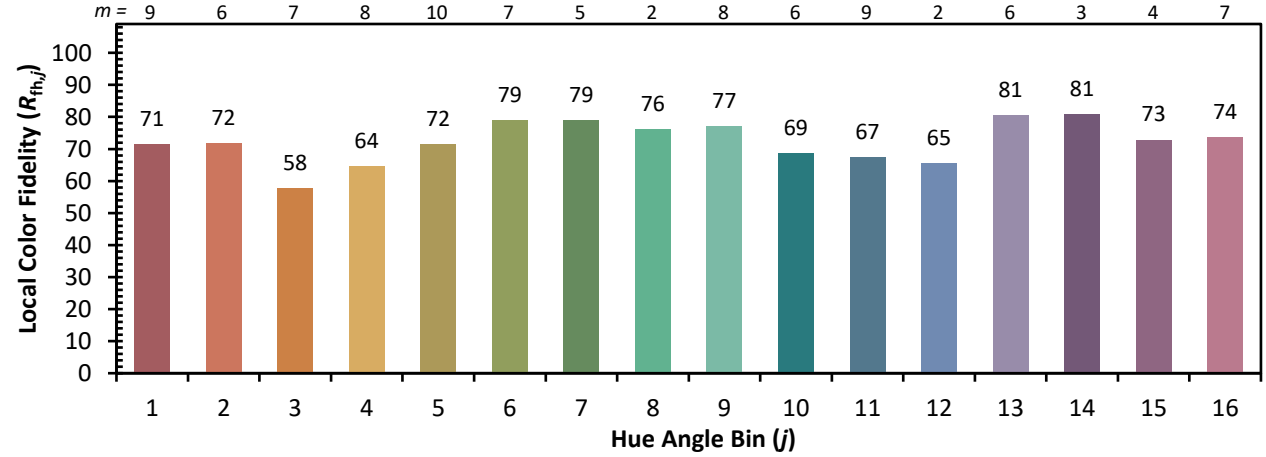
Color Rendition by Hue-Angle Bin







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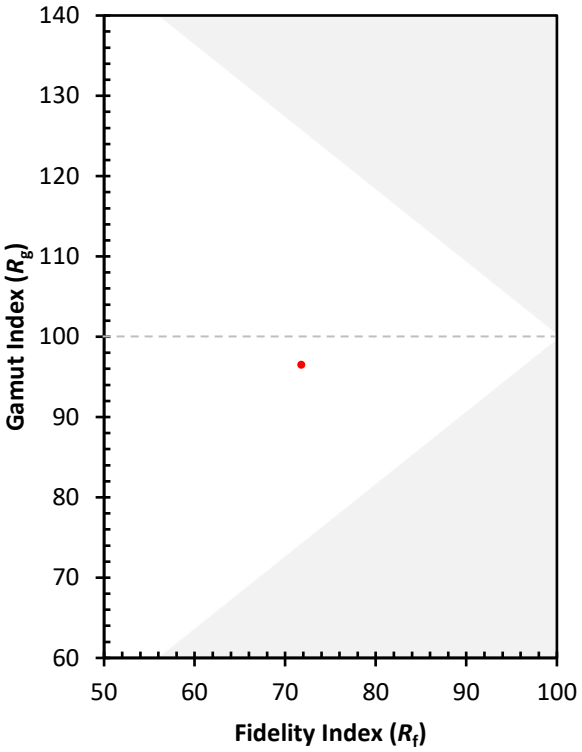
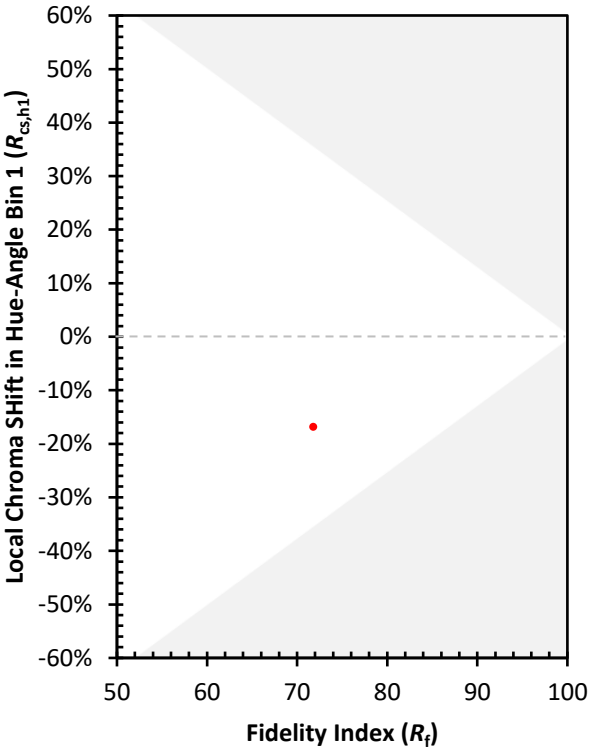
Measure Comparisons





(END OF REPORT)