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: P1048318

Luminaire Tested: **GALN-SA3B-727-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:	P1048318
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA3B-727-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE 70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(42) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12953 lumens
Efficiency:	N/A
Efficacy:	122.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	106.2
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: P1048318
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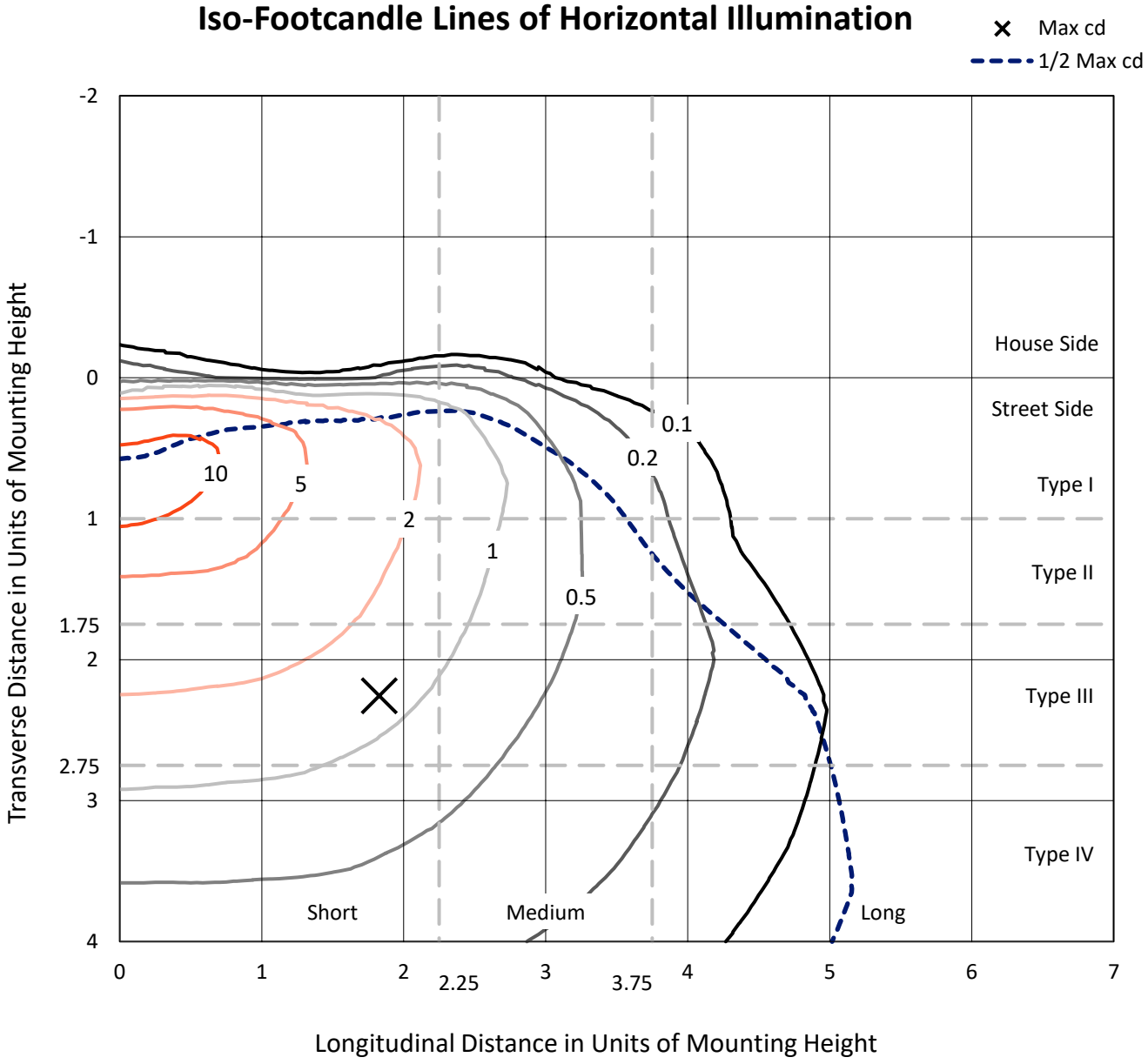
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 13.3 fc
Type IV - Short - N/A

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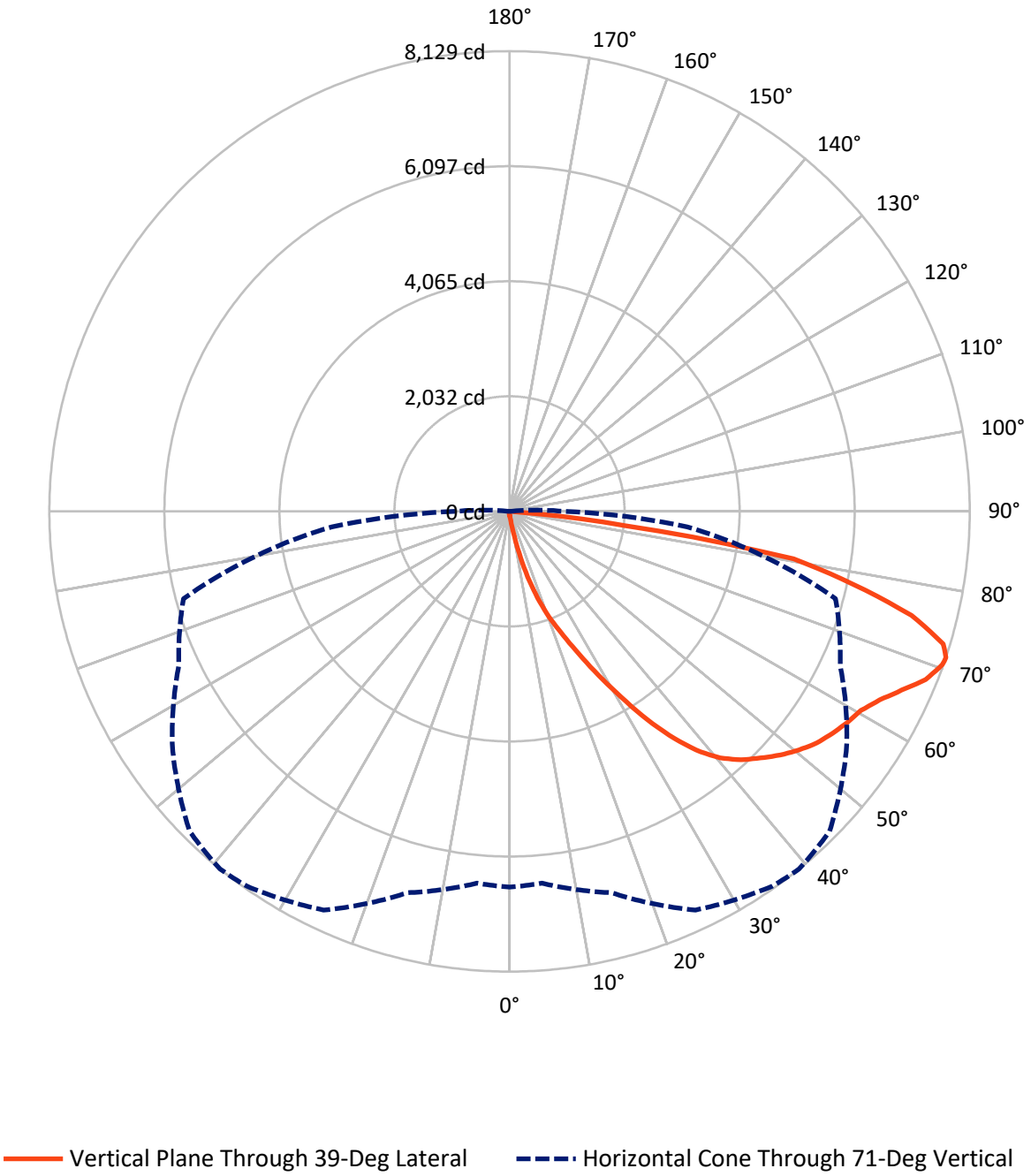
Luminous Intensity Polar Plot



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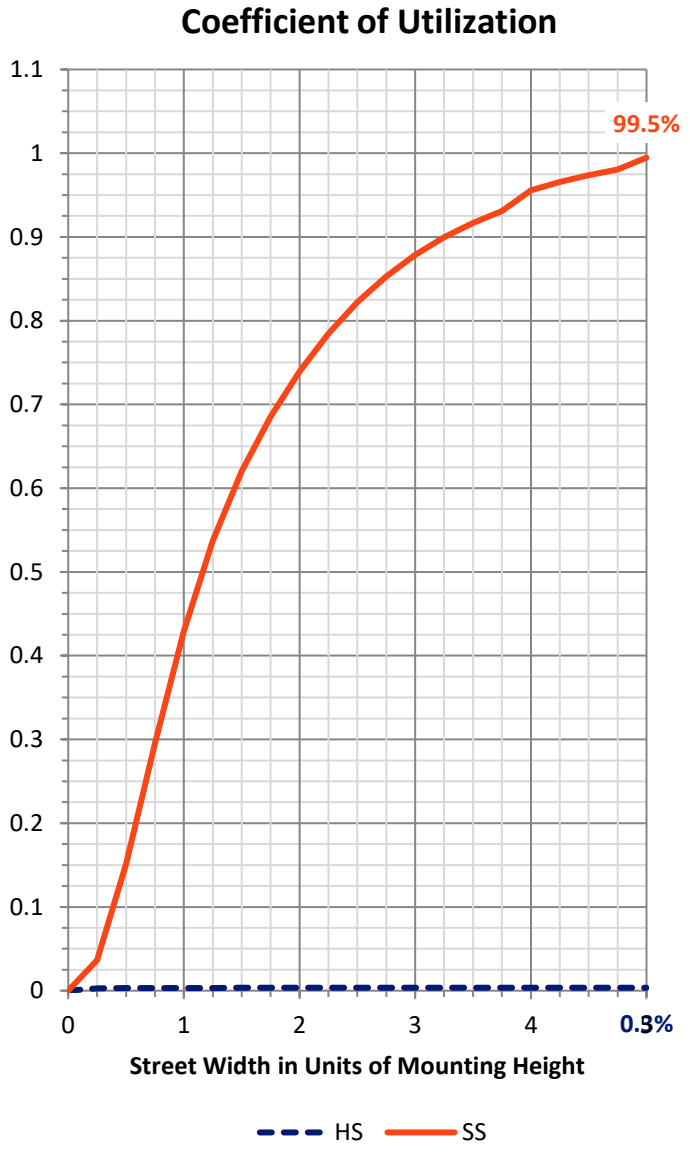
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	46.0	0.0	46.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12906.9	0.0	12906.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	12953.0	0.0	12953.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.8	0.1
10°-20°	138.4	1.1
20°-30°	493.0	3.8
30°-40°	1188.2	9.2
40°-50°	1988.6	15.4
50°-60°	2554.1	19.7
60°-70°	3232.2	25.0
70°-80°	2881.7	22.2
80°-90°	465.8	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°	12953.0	100.0
0°-180°	12953.0	100.0



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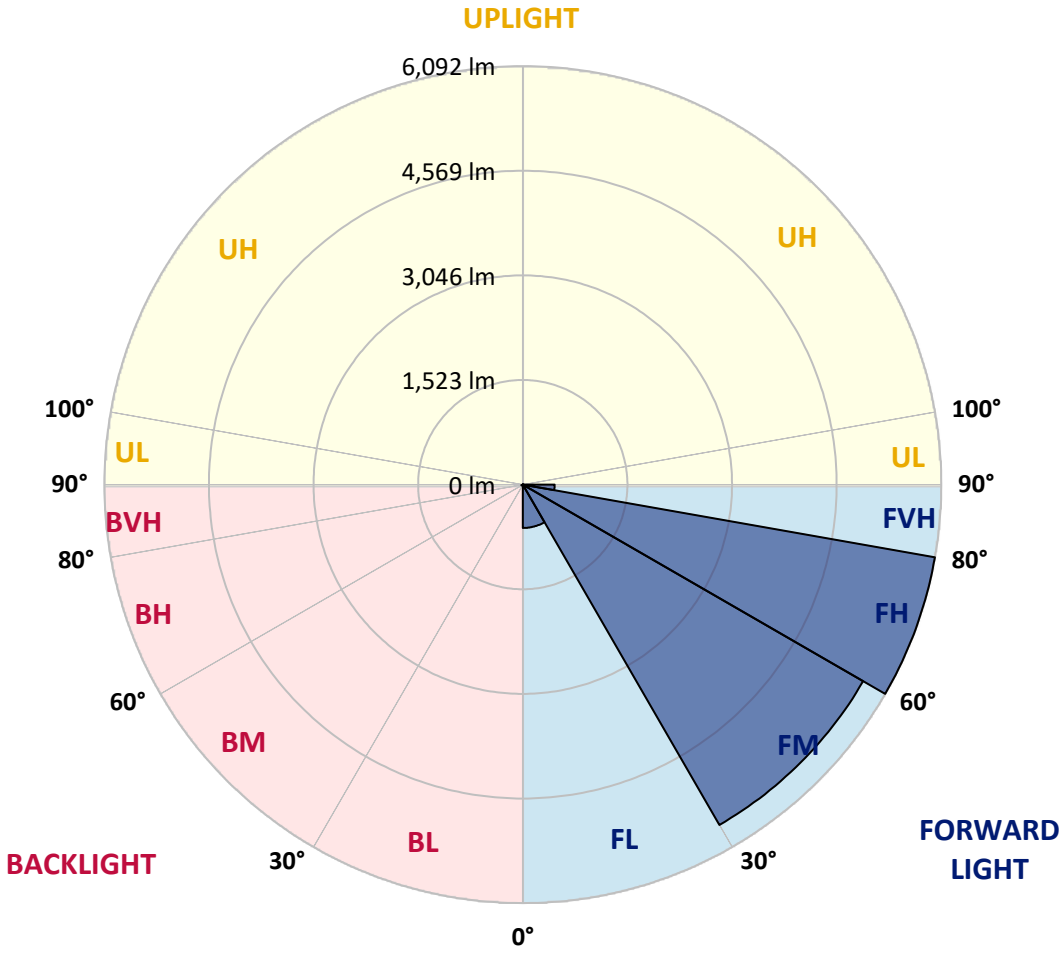
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	631.2	4.9			
FM	(30°-60°)	5720.3	44.2			
FH	(60°-80°)	6091.8	47.0			G3/7500
FVH	(80°-90°)	463.7	3.6			G3/500
BL	(0°-30°)	11.1	0.1	B0/110		
BM	(30°-60°)	10.7	0.1	B0/220		
BH	(60°-80°)	22.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	71.0	71.0	71.0	71.0	71.0	*71.0*	71.0	71.0	71.0	71.0	71.0
2.5°	81.5	81.5	81.5	78.9	78.9	*78.0*	77.2	77.2	75.4	74.5	72.8
5°	123.6	121.0	114.9	111.4	104.3	*100.0*	95.6	89.4	83.3	78.9	73.7
7.5°	279.7	285.9	265.7	228.0	189.4	*172.7*	144.7	116.6	96.5	83.3	74.5
10°	712.9	709.4	641.0	565.6	436.7	*384.9*	301.6	190.3	124.5	91.2	75.4
12.5°	1212.7	1209.2	1128.5	1025.9	855.8	*747.9*	590.1	355.1	178.9	103.5	75.4
15°	1632.7	1618.7	1593.2	1491.5	1292.5	*1202.2*	993.5	627.8	289.4	124.5	77.2
17.5°	1910.6	1898.4	1874.7	1837.9	1711.6	*1604.6*	1437.2	986.5	468.2	161.3	80.7
20°	2165.8	2157.0	2137.8	2130.7	2049.2	*1992.2*	1853.7	1398.6	729.5	219.2	85.9
22.5°	2516.5	2498.1	2506.0	2463.9	2384.1	*2315.8*	2230.7	1830.0	1048.7	315.7	95.6
25°	2946.2	2937.4	2915.5	2885.7	2775.2	*2715.6*	2584.9	2236.8	1405.6	441.9	106.1
27.5°	3465.3	3455.7	3450.4	3382.0	3254.9	*3190.0*	3007.6	2620.9	1807.2	619.1	120.1
30°	4063.3	4067.7	4033.5	3945.8	3797.6	*3706.4*	3518.8	3023.4	2218.4	826.9	135.0
32.5°	4682.4	4673.6	4621.0	4517.5	4385.1	*4300.1*	4061.6	3464.4	2649.8	1101.3	152.6
35°	5349.6	5333.0	5194.4	5076.1	4963.0	*4856.0*	4638.5	3976.5	3081.2	1409.1	176.2
37.5°	6023.1	5945.0	5667.1	5517.1	5439.1	*5351.4*	5148.8	4522.8	3510.0	1752.8	205.2
40°	6531.6	6471.1	6141.4	5865.2	5803.0	*5728.4*	5577.6	4994.5	3966.0	2122.0	240.3
42.5°	6813.1	6779.8	6483.4	6210.7	6064.3	*5998.5*	5869.6	5406.6	4416.7	2529.7	291.1
45°	6933.2	6881.5	6683.3	6556.2	6322.9	*6214.2*	6060.8	5717.9	4887.5	2992.7	362.1
47.5°	6896.4	6866.6	6724.5	6771.0	6601.8	*6432.5*	6207.2	5956.4	5290.0	3524.0	459.5
50°	6664.9	6639.5	6595.6	6847.3	6826.2	*6626.3*	6396.6	6144.9	5618.8	4072.1	610.3
52.5°	6224.7	6214.2	6326.4	6787.7	6953.4	*6797.3*	6579.0	6311.5	5925.7	4644.7	826.0
55°	5657.4	5700.4	6021.3	6694.7	7018.3	*6923.6*	6740.3	6467.6	6172.1	5156.7	1144.3
57.5°	5424.2	5435.6	5836.3	6629.0	7047.2	*7034.9*	6897.3	6616.7	6398.3	5566.2	1630.1
60°	5696.9	5679.3	5890.7	6678.9	7105.1	*7134.9*	7036.7	6755.2	6594.8	5917.8	2277.2
62.5°	6189.7	6180.0	6247.5	6892.0	7274.3	*7334.8*	7230.5	6855.2	6768.4	6149.3	3015.5
65°	6629.8	6609.7	6735.1	7269.9	7571.6	*7614.5*	7523.3	7026.2	6844.7	6317.7	3709.1
67.5°	6820.1	6815.7	7017.4	7629.4	7883.7	*7930.2*	7850.4	7262.0	6827.1	6371.2	4015.1
70°	6733.3	6716.6	7039.3	7782.0	8060.0	*8112.6*	8035.4	7349.7	6636.9	6201.9	3561.7
71°	*6637.7*	*6593.0*	*6973.6*	*7771.5*	*8084.5*	*8129.2*	*7994.2*	*7269.9*	*6445.7*	*5961.7*	*3150.5*
72.5°	6341.4	6349.2	6792.9	7661.9	8025.8	*8012.6*	7761.0	6984.1	6215.1	5416.3	2530.6
75°	5611.8	5658.3	6208.1	7201.5	7501.4	*7333.9*	6949.0	6437.8	5752.1	3883.6	1757.2
77.5°	4585.9	4655.2	5259.3	6315.9	6230.9	*6214.2*	6198.4	5672.3	4912.1	2086.0	1222.3
80°	2189.5	2339.4	3172.4	4508.7	4898.1	*5086.6*	4968.2	4571.0	3798.5	993.5	730.4
82.5°	142.9	141.2	199.9	378.8	1596.7	*2064.1*	3279.4	3267.1	2648.1	484.0	298.1
85°	67.5	69.3	76.3	86.8	100.8	*110.5*	152.6	894.4	1267.0	230.6	64.9
87.5°	39.5	40.3	47.3	60.5	78.9	*87.7*	104.3	134.2	164.8	127.1	14.0
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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CATALOG NUMBER: GALN-SA3B-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
2.5°	71.9	71.0	68.4	65.8	63.1	61.4	60.5	61.4	61.4	62.3	62.3
5°	71.9	69.3	64.9	59.6	56.1	52.6	50.9	50.0	50.9	50.9	50.9
7.5°	71.0	66.6	60.5	54.4	50.0	45.6	43.8	43.0	43.0	43.8	43.8
10°	69.3	64.9	57.0	50.0	44.7	39.5	36.8	34.2	34.2	34.2	35.1
12.5°	68.4	62.3	52.6	45.6	38.6	32.4	27.2	24.6	25.4	25.4	25.4
15°	66.6	59.6	50.0	41.2	32.4	24.6	20.2	17.5	18.4	19.3	18.4
17.5°	66.6	58.7	46.5	36.0	25.4	18.4	14.9	13.2	13.2	14.0	14.0
20°	66.6	57.0	43.8	30.7	19.3	14.0	10.5	9.6	9.6	11.4	12.3
22.5°	68.4	57.0	40.3	25.4	15.8	10.5	7.9	7.0	7.9	9.6	10.5
25°	71.0	56.1	36.8	22.8	13.2	7.9	6.1	4.4	5.3	7.0	7.9
27.5°	73.7	55.2	33.3	20.2	10.5	6.1	4.4	3.5	2.6	3.5	3.5
30°	76.3	55.2	29.8	16.7	8.8	4.4	2.6	1.8	0.9	0.0	0.0
32.5°	78.0	53.5	27.2	13.2	7.0	3.5	1.8	0.9	0.0	0.0	0.0
35°	79.8	51.7	23.7	10.5	5.3	2.6	0.9	0.0	0.0	0.0	0.0
37.5°	81.5	49.1	20.2	8.8	4.4	1.8	0.0	0.0	0.0	0.0	0.0
40°	83.3	45.6	16.7	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	85.1	43.0	14.0	6.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	89.4	41.2	11.4	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	97.3	39.5	10.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	108.7	37.7	9.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	124.5	36.8	8.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	152.6	36.0	7.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	200.8	35.1	7.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	307.8	33.3	7.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	549.8	32.4	7.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	958.4	33.3	7.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1374.0	35.1	6.1	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	1175.9	30.7	6.1	3.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0
71°	*958.4*	*27.2*	*6.1*	*3.5*	*1.8*	*0.9*	*0.9*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	616.4	21.0	5.3	3.5	1.8	1.8	0.9	0.0	0.0	0.0	0.0
75°	260.4	17.5	5.3	3.5	2.6	1.8	1.8	0.9	0.0	0.0	0.0
77.5°	111.4	13.2	5.3	4.4	3.5	2.6	2.6	1.8	0.9	0.0	0.0
80°	42.1	10.5	6.1	5.3	4.4	4.4	3.5	1.8	0.9	0.0	0.0
82.5°	19.3	8.8	6.1	5.3	5.3	4.4	3.5	2.6	1.8	0.0	0.0
85°	12.3	7.9	6.1	5.3	5.3	4.4	4.4	2.6	1.8	0.0	0.0
87.5°	9.6	7.9	6.1	6.1	5.3	5.3	3.5	2.6	0.9	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

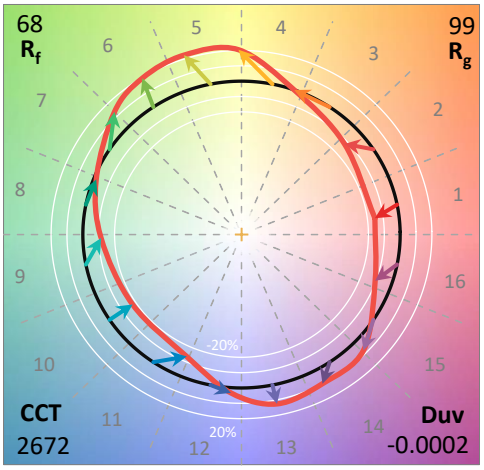
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

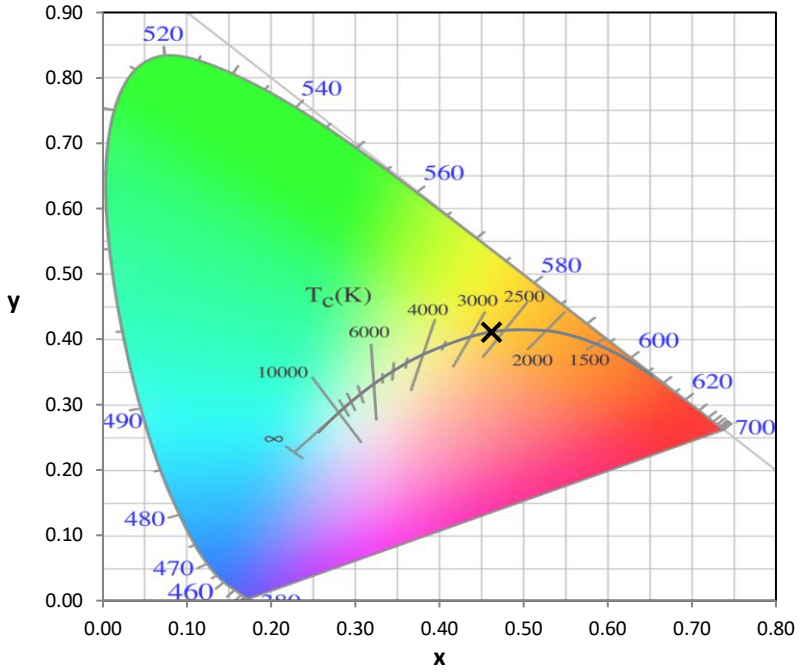
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

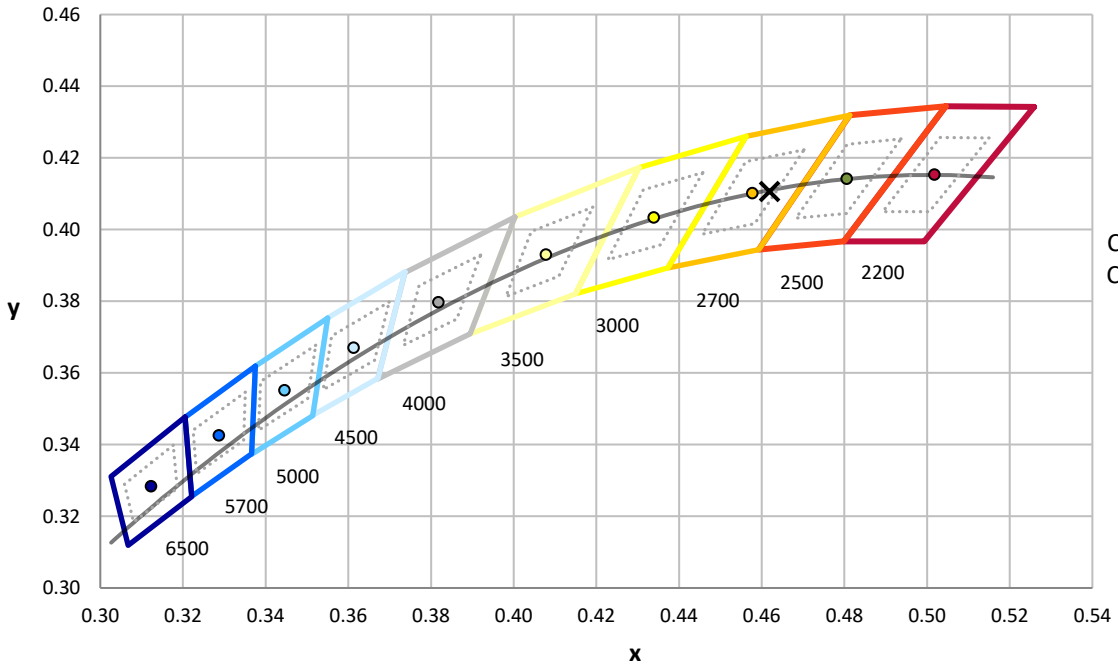
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

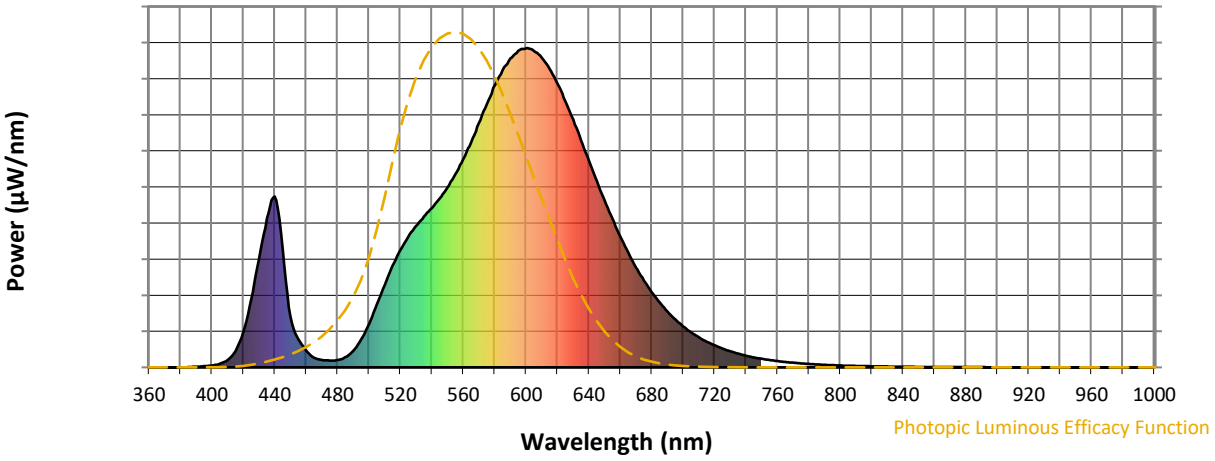


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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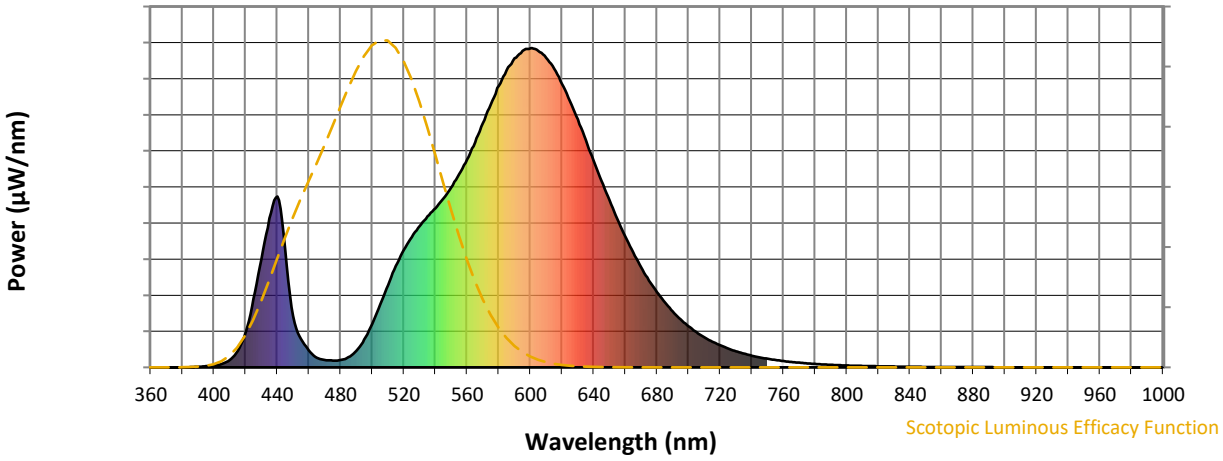
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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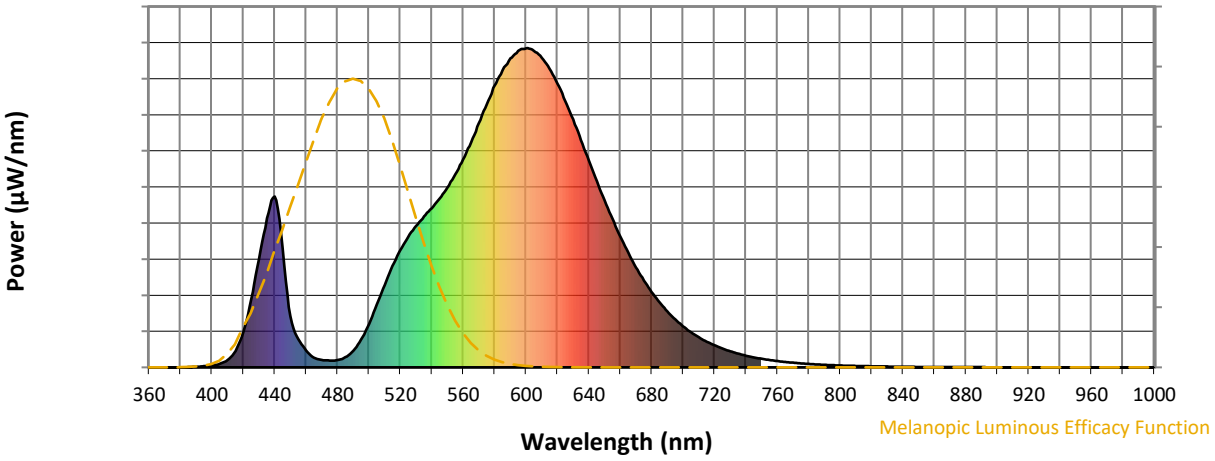
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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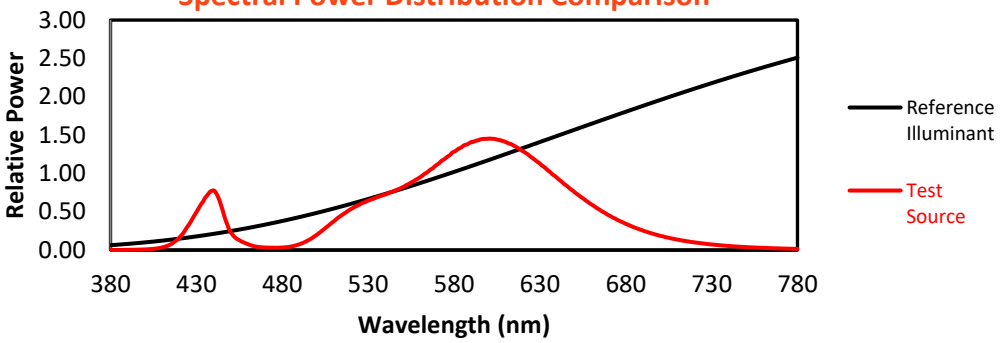
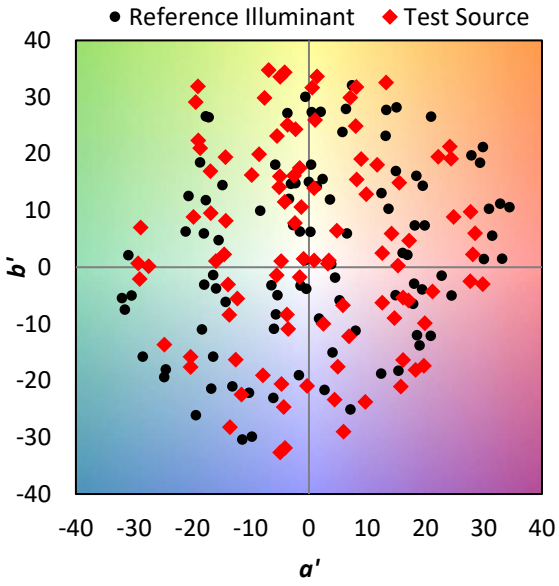
Summary

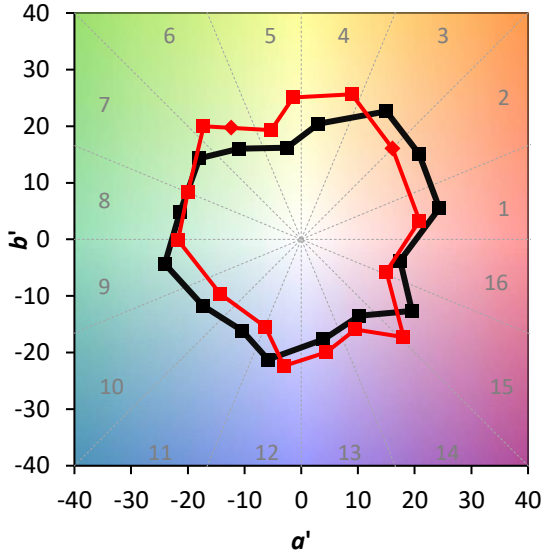
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

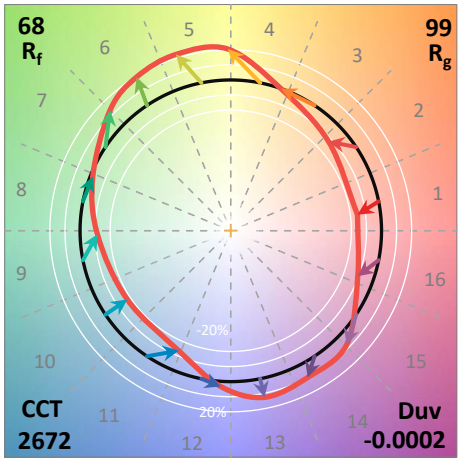
Spectral Power Distribution Comparison

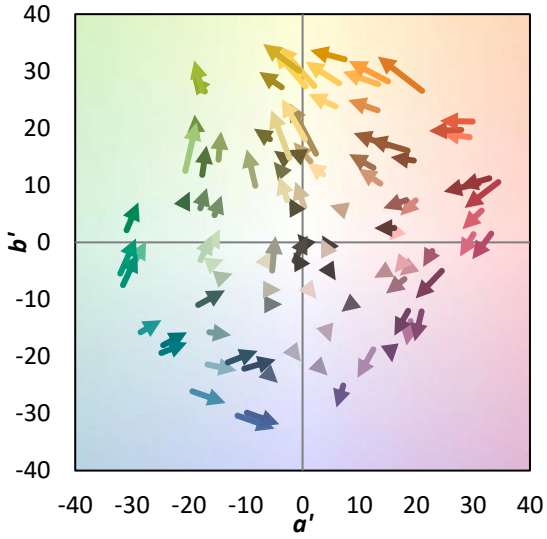


Color Vector Graphics









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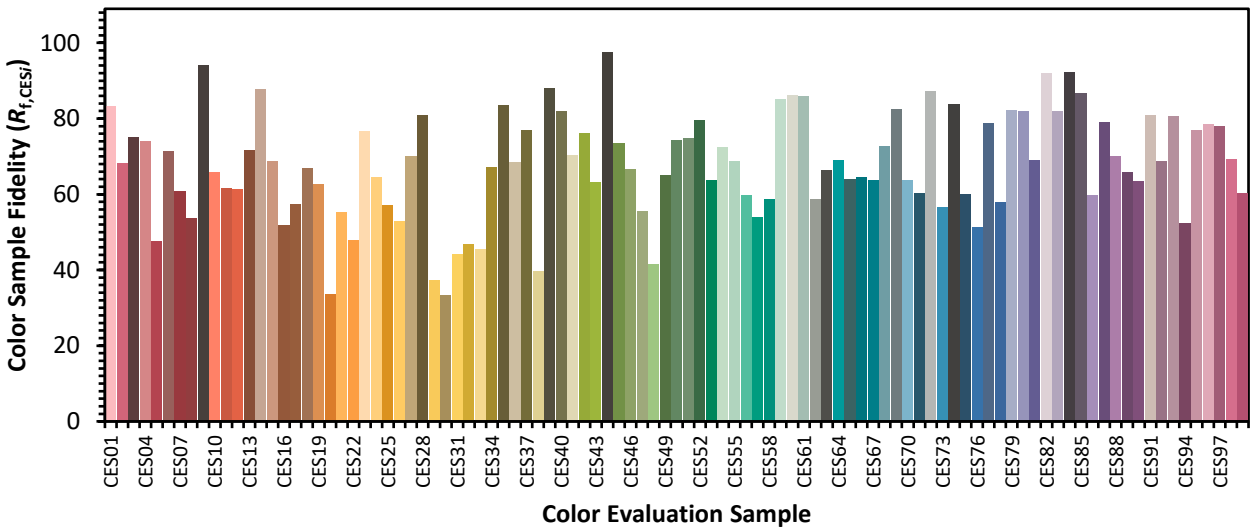
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



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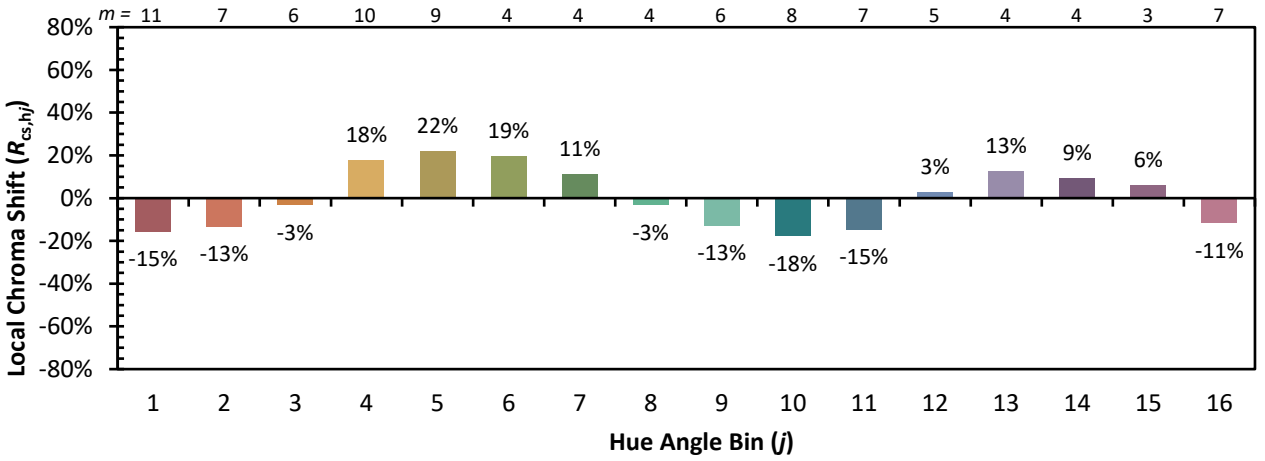
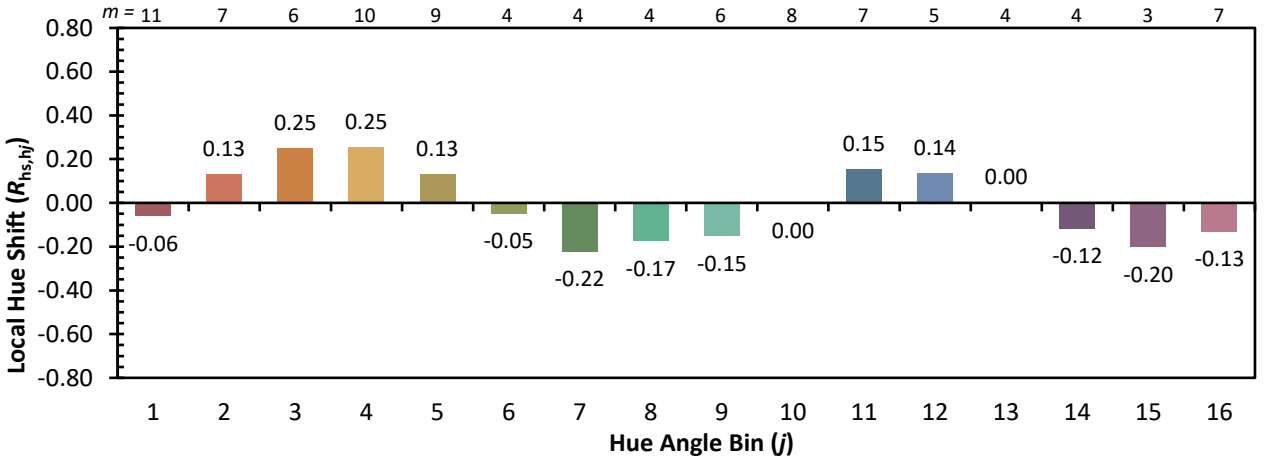
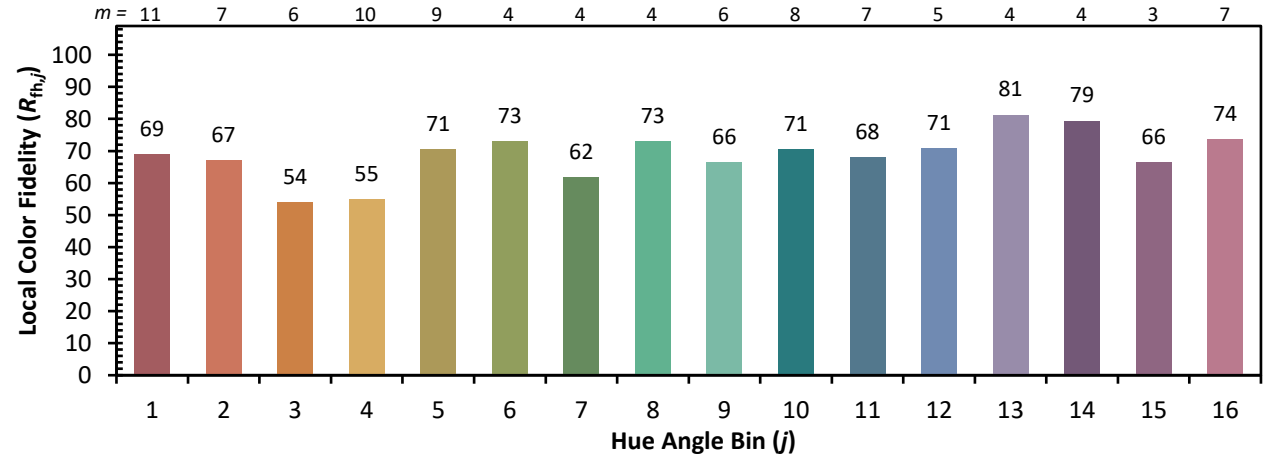
Color Rendition by Hue-Angle Bin







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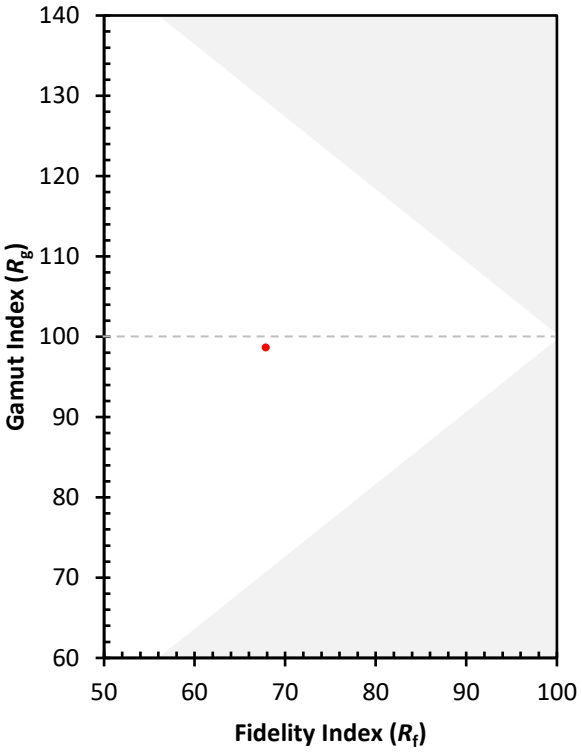
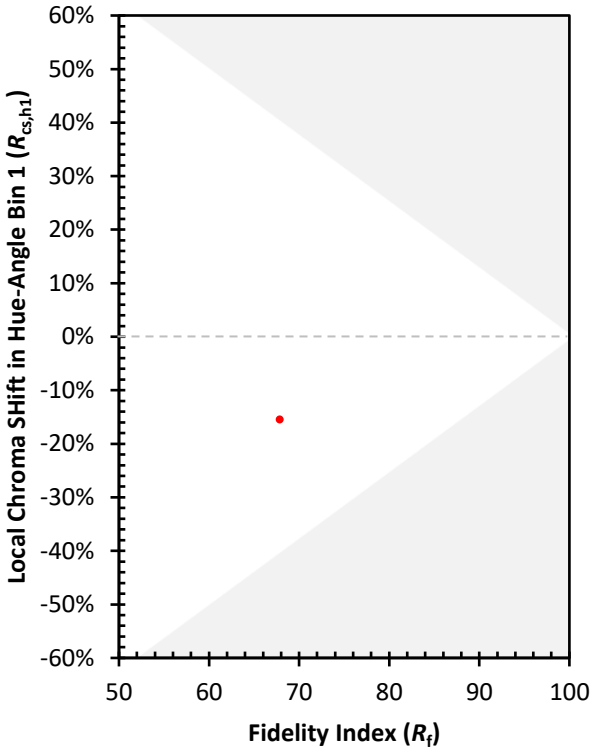
Measure Comparisons





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