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: P991173

Luminaire Tested: **GPC-SA2C-730-U-T4BC**

Issue Date: 07/03/2025

Report Generated By 670245763

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:	P991173
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	07/03/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SA2C-730-U-T4BC
Description:	GALLEON PEDESTRAIAN COMPANION 1050mA 2xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(28) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9923.2 lumens
Efficiency:	N/A
Efficacy:	104.6 lumens/watt
Luminous Opening:	Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	94.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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REPORT NUMBER: P991173
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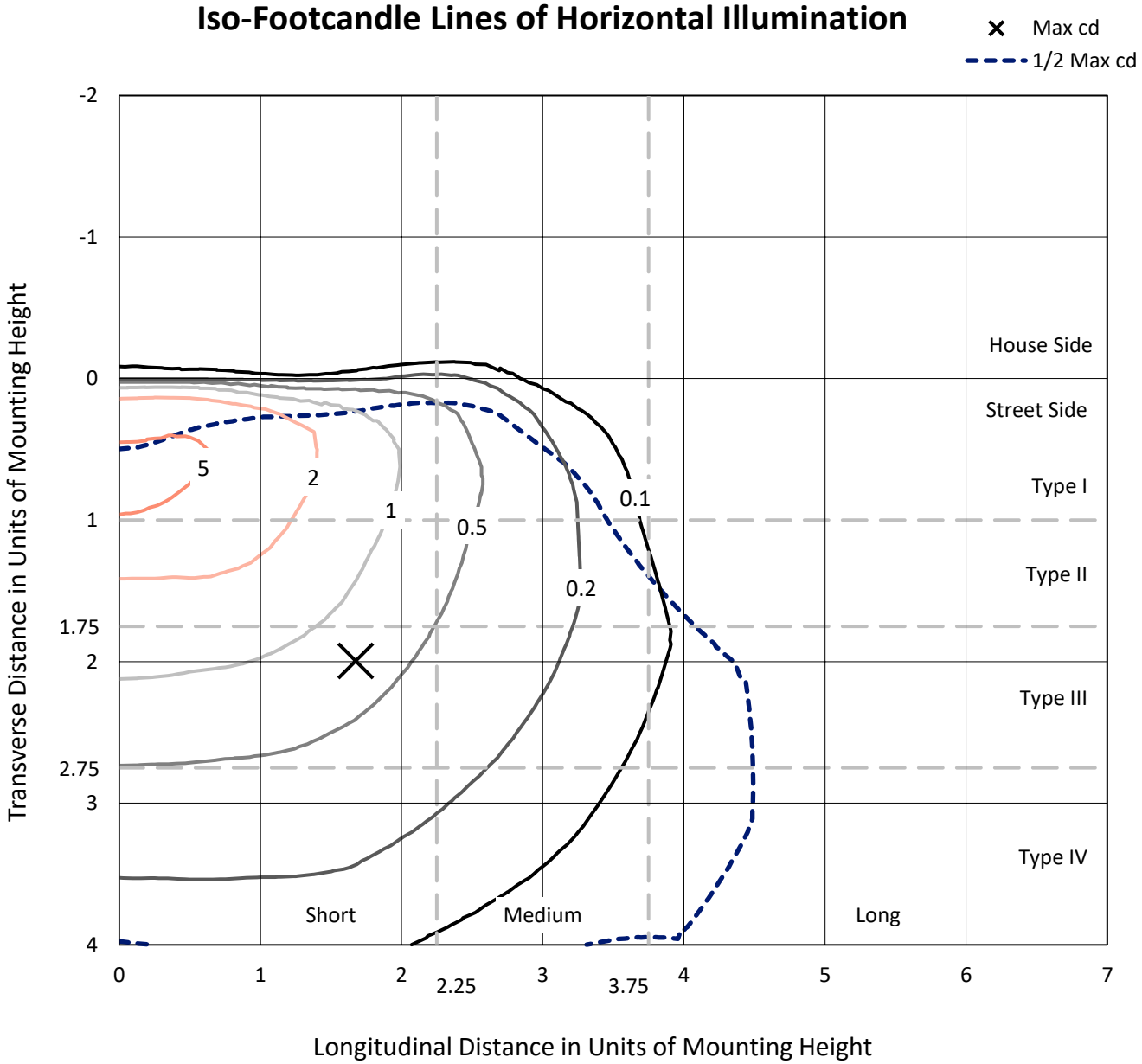
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 6.4 fc
Type IV - Short - N/A

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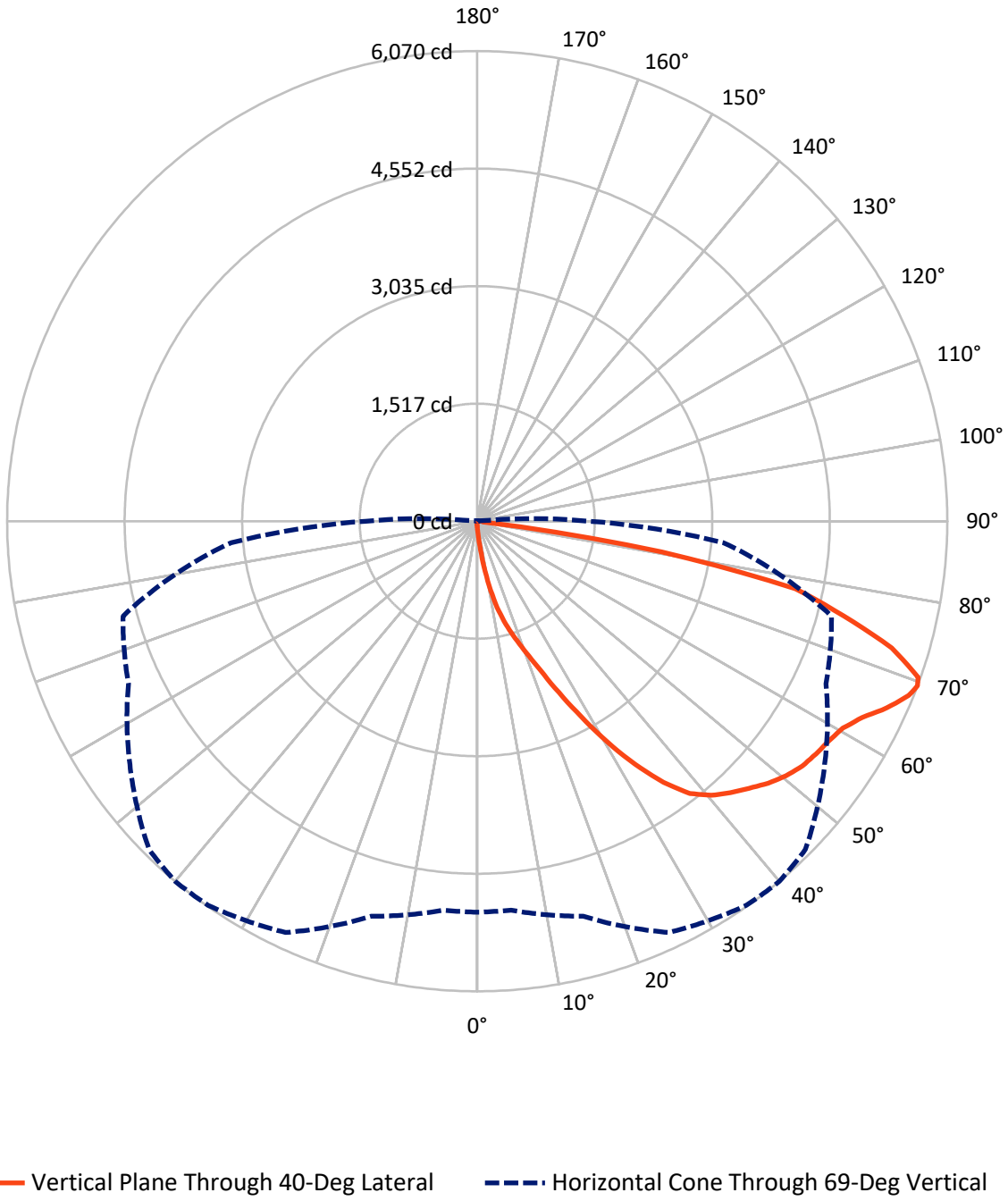
Luminous Intensity Polar Plot



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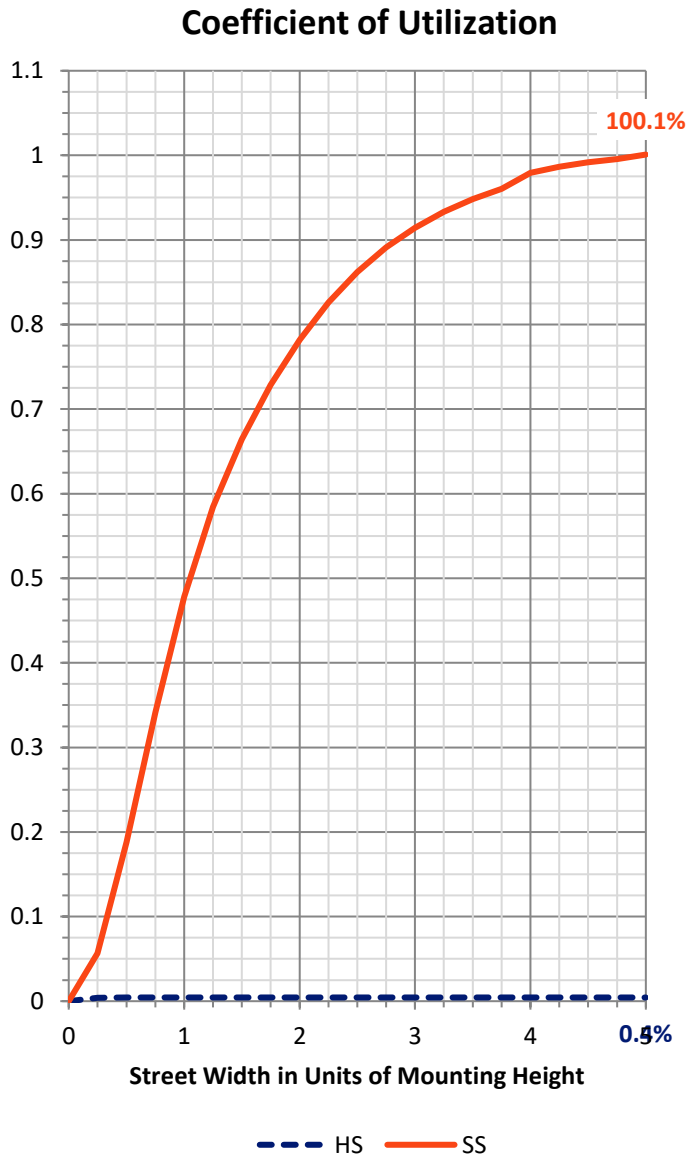
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	43.5	0.0	43.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9879.7	0.0	9879.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	9923.2	0.0	9923.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.9	0.2
10°-20°	158.5	1.6
20°-30°	477.3	4.8
30°-40°	1051.0	10.6
40°-50°	1615.0	16.3
50°-60°	1988.8	20.0
60°-70°	2510.7	25.3
70°-80°	1931.3	19.5
80°-90°	169.7	1.7
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°	9923.2	100.0
0°-180°	9923.2	100.0



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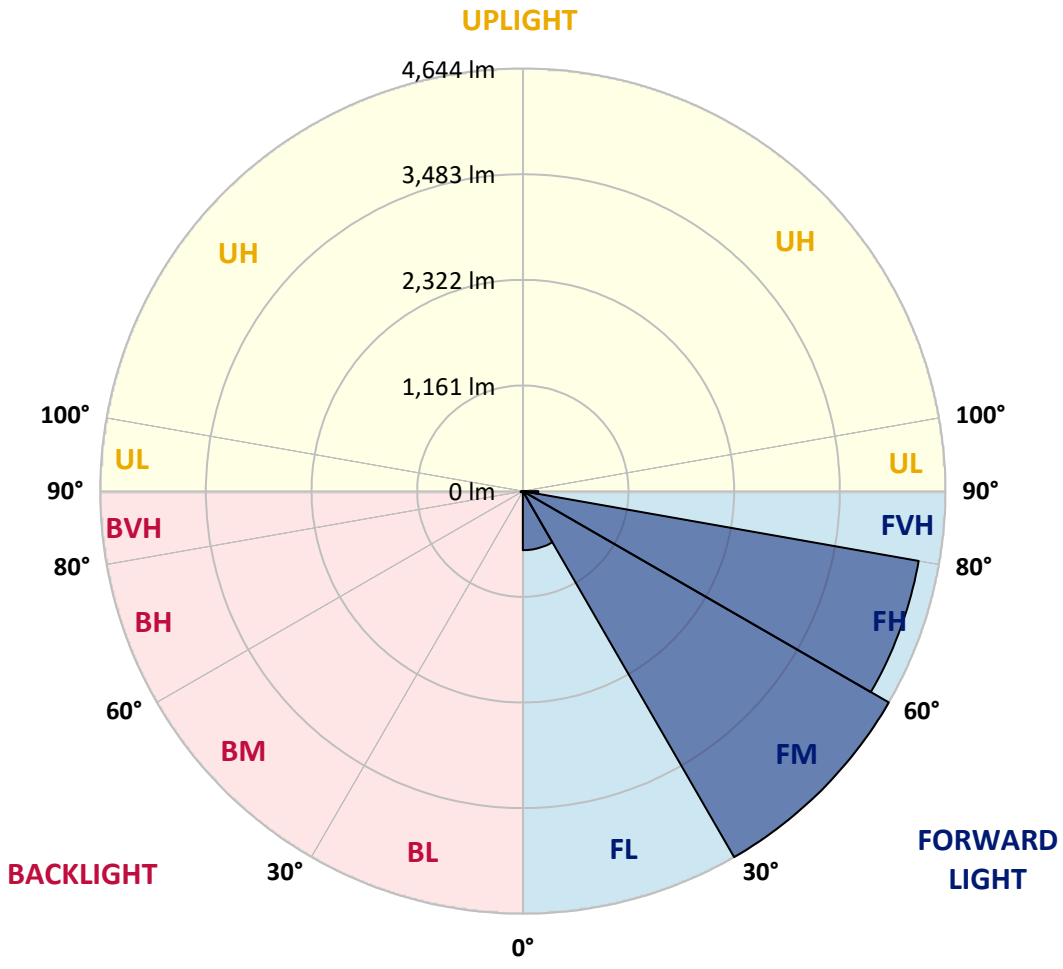
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	649.3	6.5			
FM	(30°-60°)	4644.1	46.8			
FH	(60°-80°)	4417.1	44.5			G2/5000
FVH	(80°-90°)	169.2	1.7			G2/225
BL	(0°-30°)	7.4	0.1	B0/110		
BM	(30°-60°)	10.6	0.1	B0/220		
BH	(60°-80°)	25.0	0.3	B0/110		G0/110
BVH	(80°-90°)	0.5	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-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	72.6	72.6	72.6	72.6	72.6	*72.6*	72.6	72.6	72.6	72.6	72.6
2.5°	161.9	160.1	152.6	143.3	135.9	*130.3*	122.8	111.7	100.5	87.5	78.2
5°	424.4	422.5	392.7	355.5	305.3	*271.7*	238.2	184.3	139.6	108.0	81.9
7.5°	785.5	779.9	752.0	694.3	588.2	*530.5*	469.0	329.5	214.0	134.0	87.5
10°	1142.8	1139.1	1103.8	1020.0	904.6	*846.9*	765.0	562.1	336.9	175.0	94.9
12.5°	1353.2	1362.5	1336.4	1297.3	1198.7	*1144.7*	1051.6	817.1	517.4	240.1	104.2
15°	1526.3	1530.0	1505.8	1481.6	1427.6	*1382.9*	1304.8	1088.9	733.4	327.6	115.4
17.5°	1740.3	1734.7	1708.7	1680.8	1621.2	*1587.7*	1537.4	1340.1	964.2	452.3	130.3
20°	2012.1	1997.2	1967.4	1919.0	1853.9	*1812.9*	1760.8	1597.0	1195.0	590.0	148.9
22.5°	2360.1	2341.5	2309.9	2265.2	2149.8	*2086.5*	2019.5	1816.6	1450.0	765.0	173.1
25°	2762.2	2752.9	2719.4	2656.1	2533.2	*2449.5*	2341.5	2073.5	1703.1	951.1	202.9
27.5°	3234.9	3218.2	3173.5	3099.1	2966.9	*2857.1*	2723.1	2356.4	1945.1	1148.4	240.1
30°	3763.5	3726.3	3635.1	3570.0	3415.5	*3307.5*	3151.2	2732.4	2194.5	1355.0	279.2
32.5°	4254.9	4206.5	4074.4	3985.0	3841.7	*3744.9*	3601.6	3112.1	2475.5	1570.9	329.5
35°	4699.8	4647.7	4433.6	4297.7	4225.2	*4143.3*	3998.1	3545.8	2778.9	1801.7	387.2
37.5°	5075.8	5023.6	4748.2	4534.1	4489.5	*4461.5*	4344.3	3912.5	3123.3	2062.3	454.2
40°	5286.1	5252.6	5014.3	4772.4	4686.8	*4653.2*	4567.6	4219.6	3506.7	2322.9	532.3
42.5°	5351.2	5330.8	5137.2	5018.1	4861.7	*4794.7*	4692.3	4454.1	3836.1	2615.1	621.7
45°	5315.9	5293.5	5152.1	5180.0	5049.7	*4919.4*	4779.8	4614.2	4113.5	2959.5	733.4
47.5°	5165.1	5157.7	5060.9	5219.1	5204.2	*5055.3*	4882.2	4720.3	4351.7	3292.6	872.9
50°	4796.6	4792.8	4837.5	5165.1	5306.6	*5167.0*	4993.9	4815.2	4541.6	3625.8	1051.6
52.5°	4299.6	4325.7	4550.9	5064.6	5336.3	*5254.4*	5105.5	4923.1	4697.9	3959.0	1291.7
55°	4037.2	4059.5	4355.4	4954.8	5330.8	*5306.6*	5219.1	5027.4	4841.2	4232.6	1611.9
57.5°	4236.3	4212.1	4348.0	4939.9	5306.6	*5351.2*	5301.0	5109.3	4971.5	4474.6	2054.9
60°	4614.2	4606.7	4623.5	5046.0	5356.8	*5423.8*	5388.5	5165.1	5100.0	4658.8	2542.5
62.5°	4995.7	4975.3	4992.0	5338.2	5531.8	*5578.3*	5535.5	5256.3	5200.5	4792.8	3071.1
65°	5185.6	5170.7	5248.9	5632.3	5781.2	*5812.8*	5757.0	5403.4	5217.2	4861.7	3404.3
67.5°	5161.4	5157.7	5340.1	5838.9	5989.7	*6008.3*	5961.7	5550.4	5146.5	4859.9	3439.7
69°	*5047.8*	*5040.4*	*5280.5*	*5859.4*	*6056.7*	*6069.7*	*5993.4*	*5475.9*	*4967.8*	*4735.1*	*3188.4*
70°	4913.8	4921.3	5193.0	5822.1	6058.5	*6039.9*	5863.1	5369.8	4831.9	4591.8	2868.3
72.5°	4415.0	4461.5	4833.8	5578.3	5803.5	*5595.1*	5364.3	5021.8	4573.2	3914.3	2002.8
75°	3692.8	3758.0	4238.2	5072.0	4990.1	*4885.9*	4858.0	4597.4	4143.3	2600.2	1423.9
77.5°	1805.5	2021.4	3007.9	3895.7	4094.9	*4201.0*	4161.9	3800.8	3329.9	1276.9	928.8
80°	94.9	98.6	158.2	372.3	1896.7	*2412.2*	2966.9	2901.8	2520.2	582.6	489.5
82.5°	50.3	50.3	55.8	65.1	76.3	*91.2*	242.0	1662.1	1498.3	299.7	182.4
85°	27.9	27.9	33.5	44.7	57.7	*67.0*	76.3	100.5	322.0	108.0	29.8
87.5°	13.0	16.8	22.3	31.6	40.9	*52.1*	59.6	74.5	94.9	91.2	5.6
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: GPC-SA2C-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
2.5°	72.6	68.9	63.3	59.6	57.7	54.0	50.3	48.4	46.5	44.7	46.5
5°	72.6	67.0	57.7	52.1	48.4	42.8	39.1	37.2	35.4	33.5	33.5
7.5°	72.6	63.3	52.1	44.7	39.1	35.4	29.8	27.9	26.1	24.2	24.2
10°	74.5	59.6	46.5	39.1	33.5	27.9	24.2	20.5	18.6	18.6	18.6
12.5°	74.5	55.8	40.9	33.5	27.9	22.3	16.8	13.0	11.2	11.2	11.2
15°	74.5	52.1	37.2	27.9	22.3	16.8	9.3	5.6	3.7	3.7	1.9
17.5°	76.3	50.3	33.5	24.2	16.8	9.3	1.9	0.0	0.0	0.0	0.0
20°	80.0	48.4	29.8	20.5	11.2	3.7	0.0	0.0	0.0	0.0	0.0
22.5°	83.8	46.5	26.1	14.9	5.6	1.9	0.0	0.0	0.0	0.0	0.0
25°	91.2	46.5	24.2	13.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	98.6	46.5	18.6	7.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0
30°	104.2	46.5	16.8	5.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	111.7	46.5	14.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	117.3	44.7	11.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	122.8	42.8	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	130.3	40.9	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	137.7	37.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	147.0	35.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	160.1	33.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	178.7	33.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	210.3	33.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	262.4	33.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	353.6	33.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	532.3	33.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	822.7	37.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1258.2	44.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1595.1	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	*1440.6*	*50.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
70°	1221.0	39.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	679.4	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	353.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	150.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	44.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	14.9	3.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.6	3.7	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	1.9	1.9	1.9	1.9	0.0	0.0	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

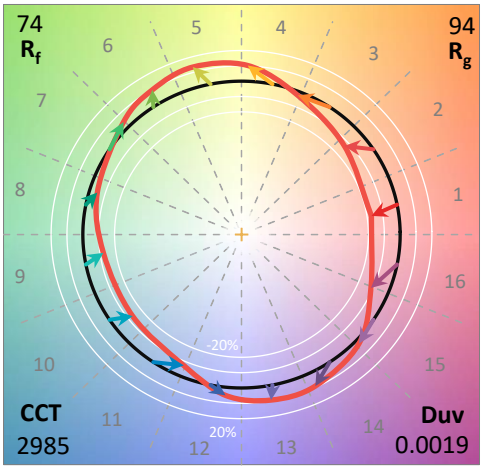
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

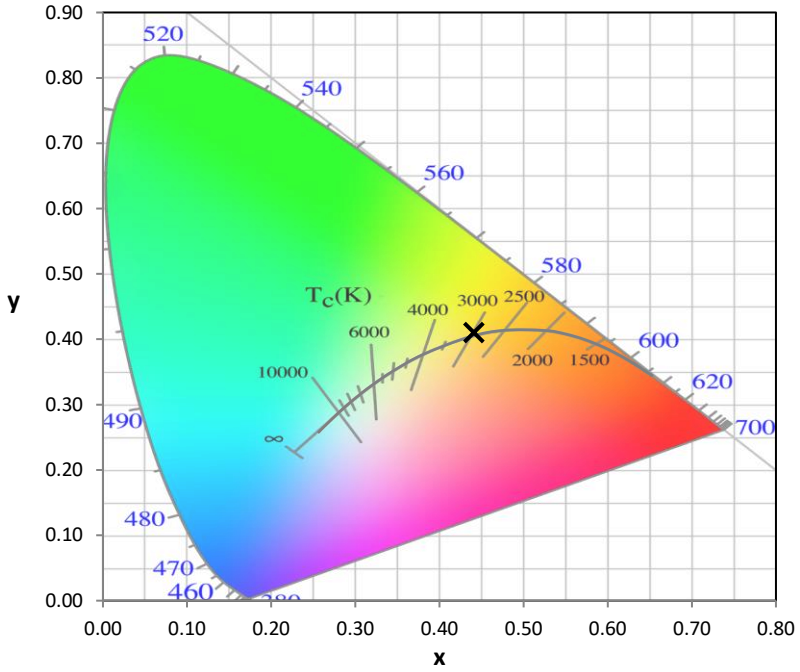
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

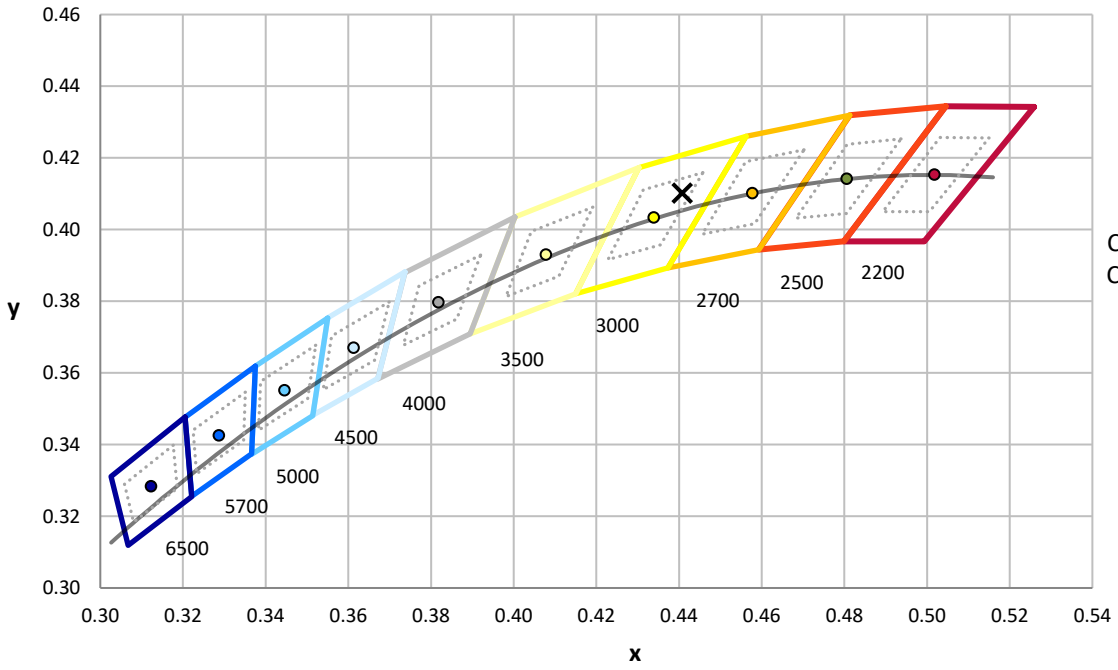
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

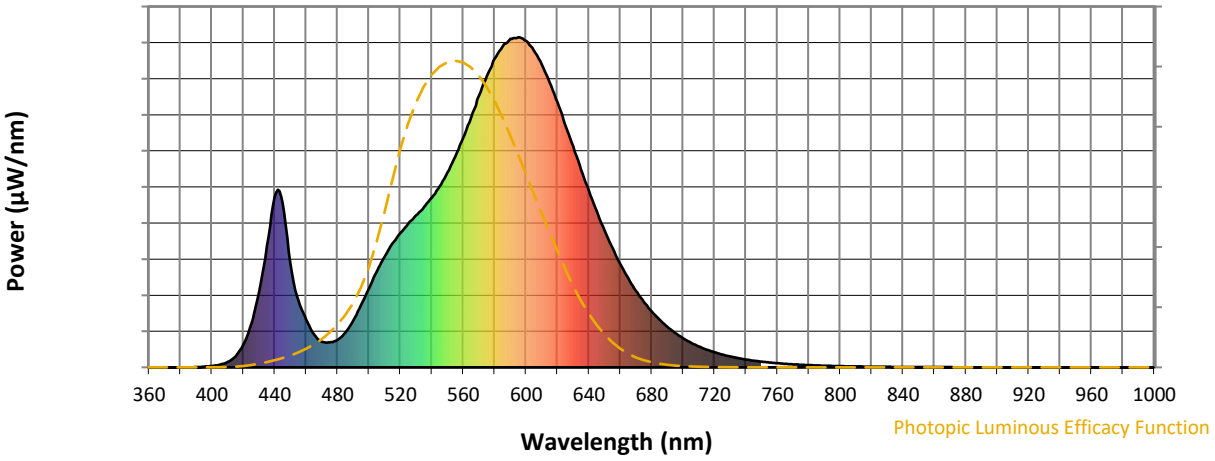


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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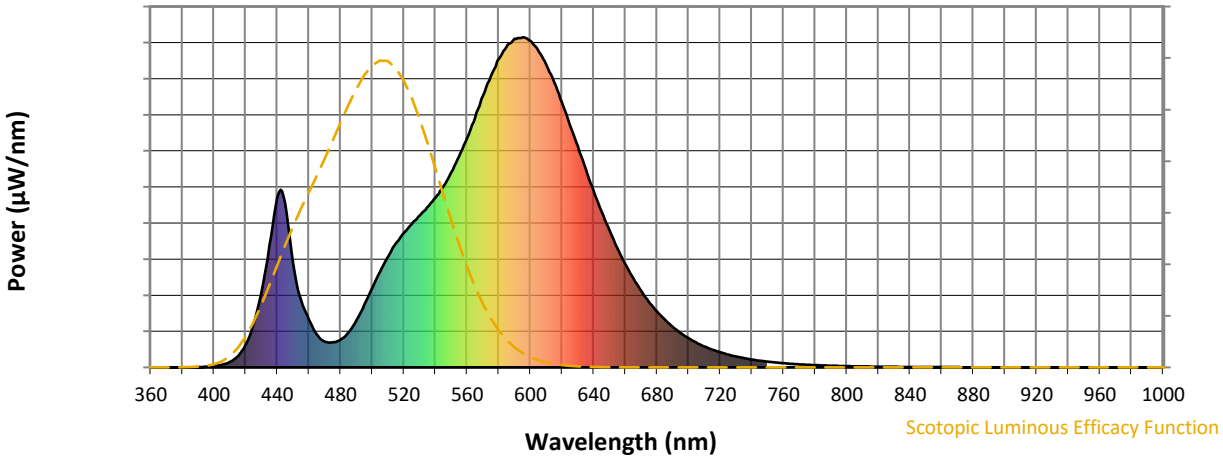
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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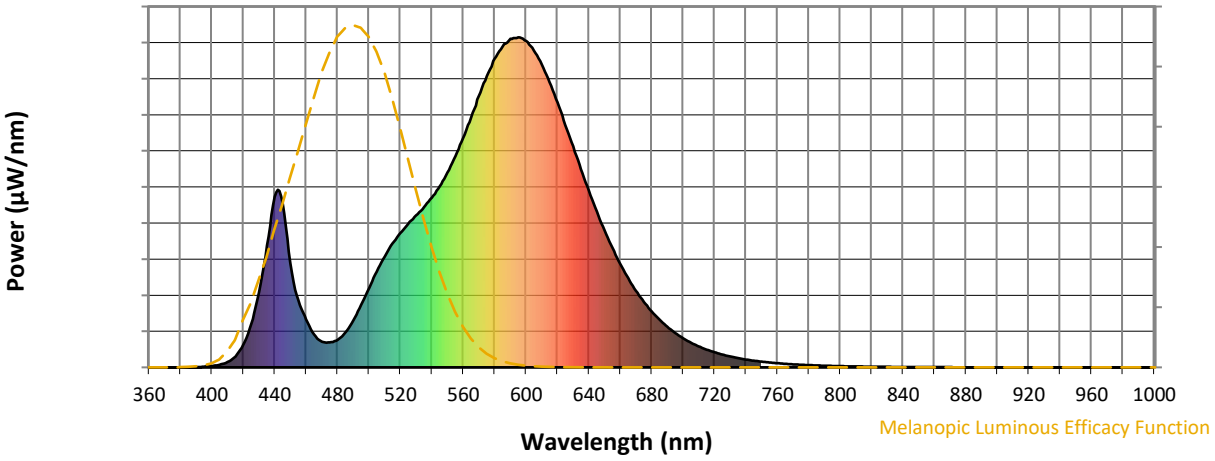
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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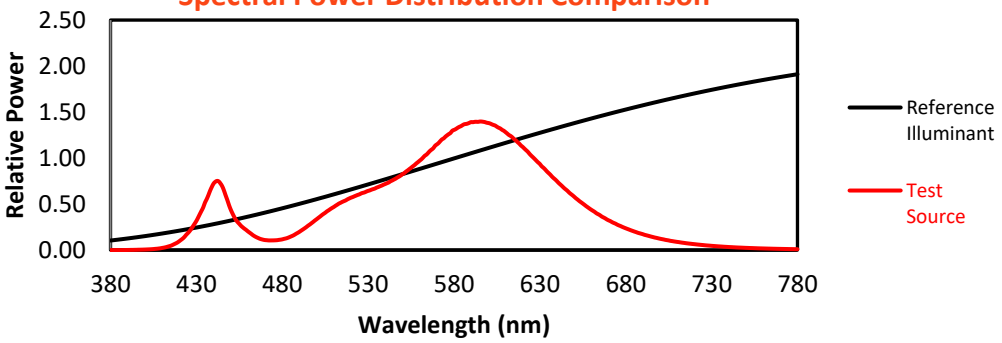
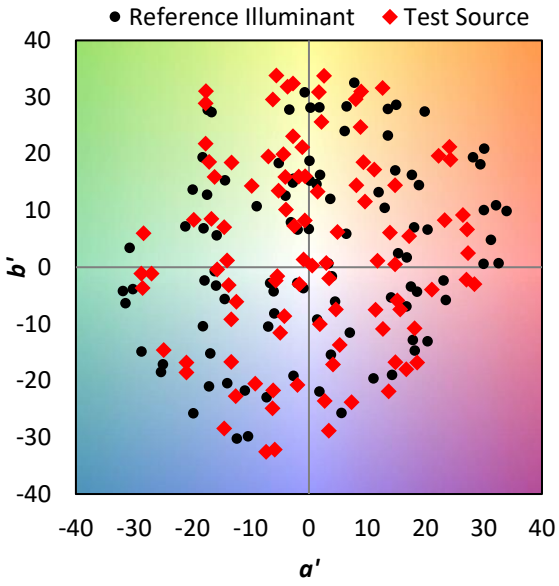
Summary

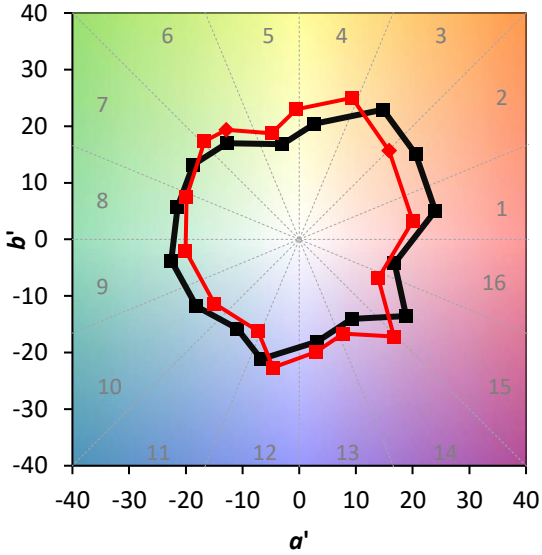
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

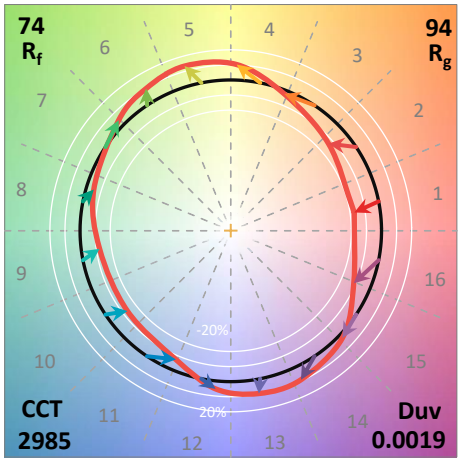
Spectral Power Distribution Comparison

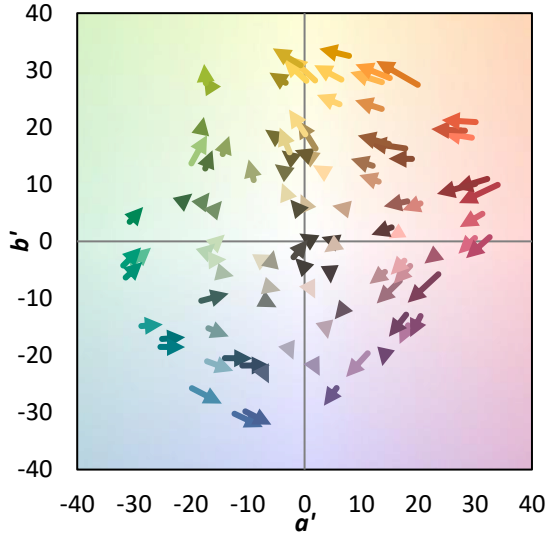


Color Vector Graphics









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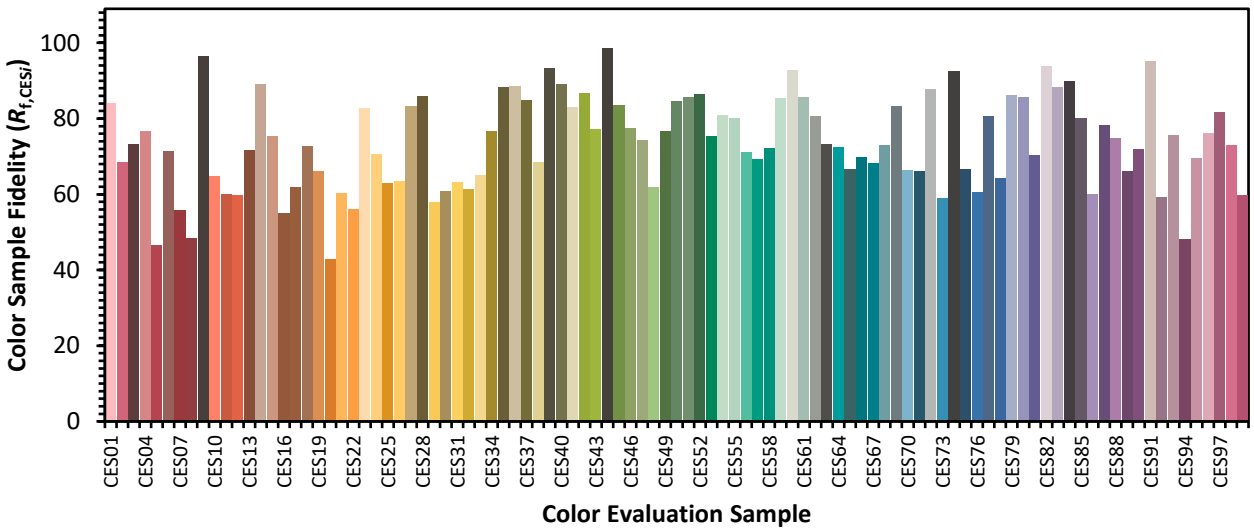
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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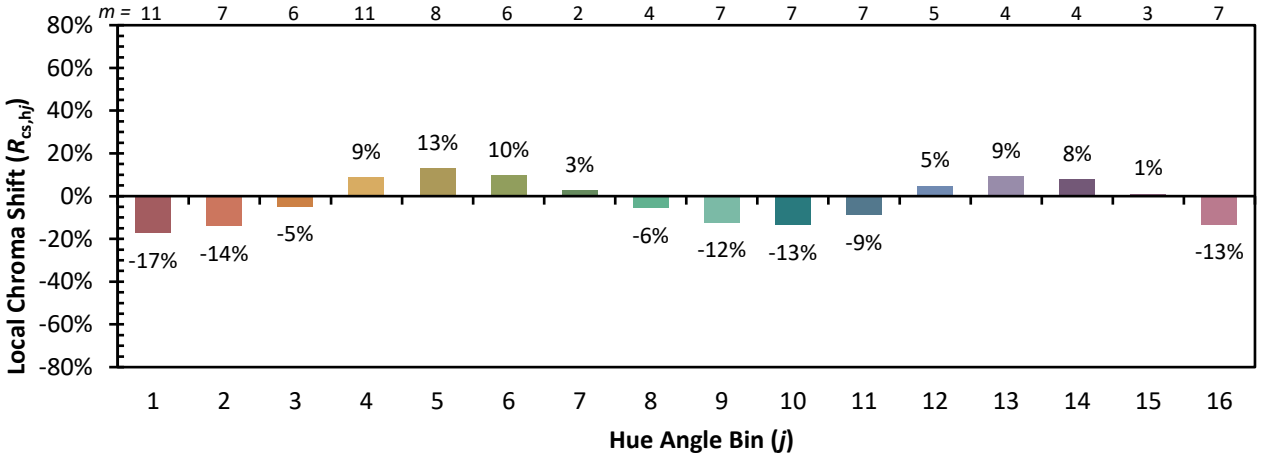
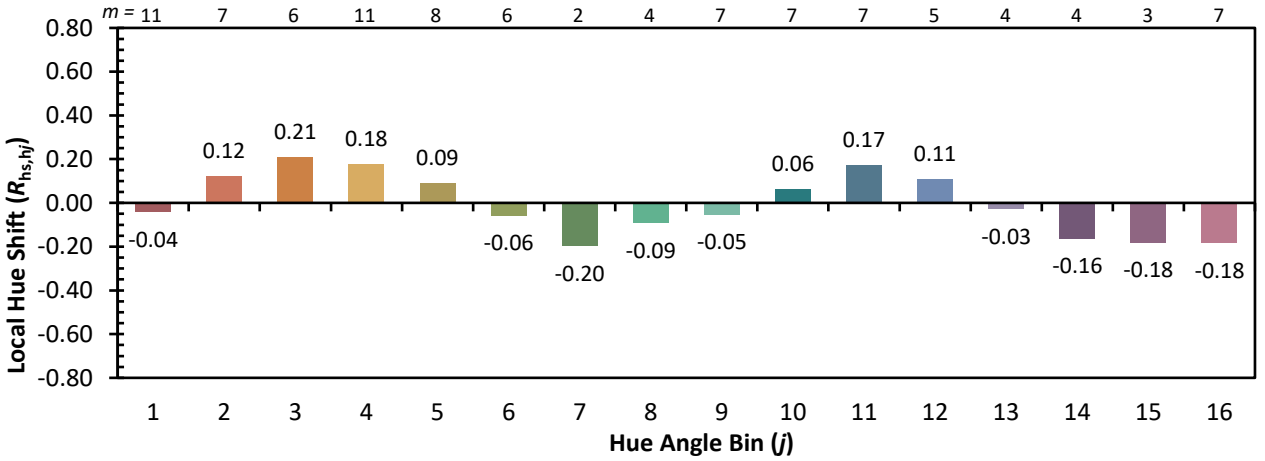
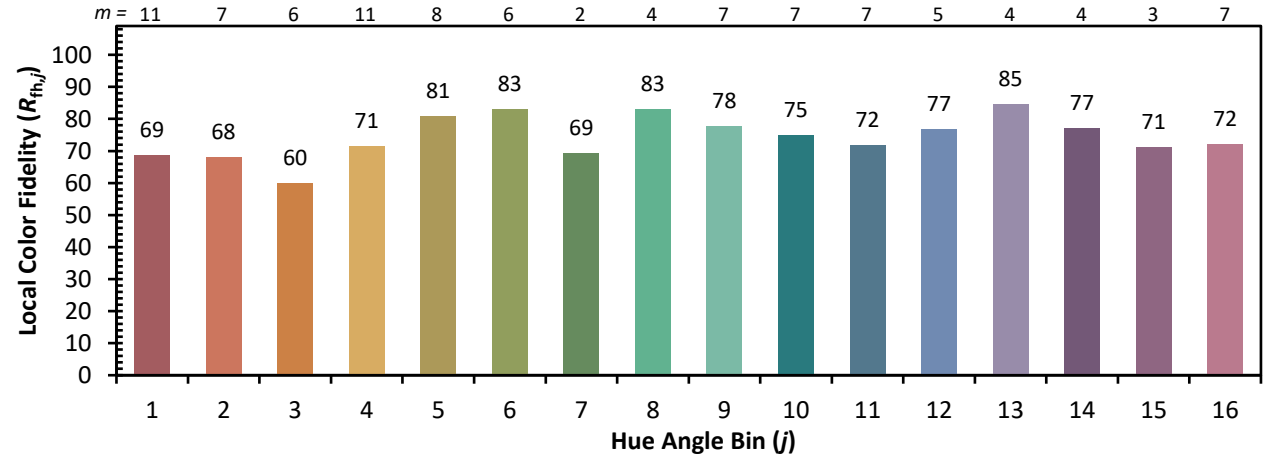
Color Rendition by Hue-Angle Bin







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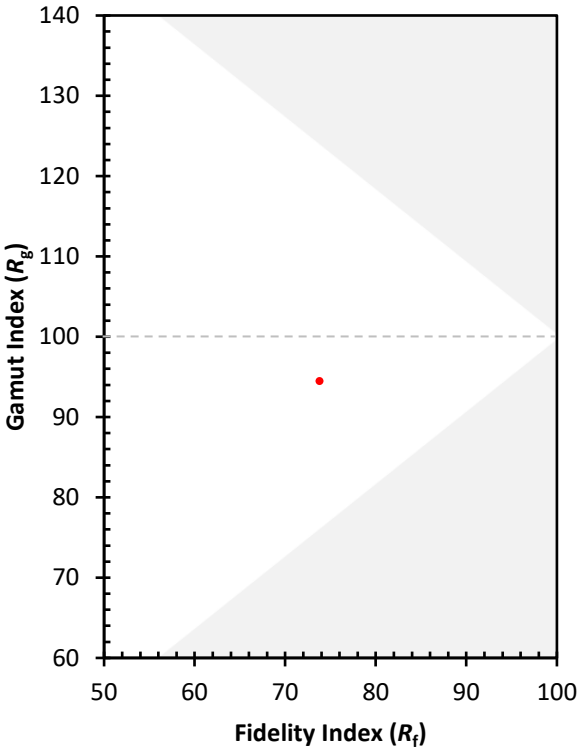
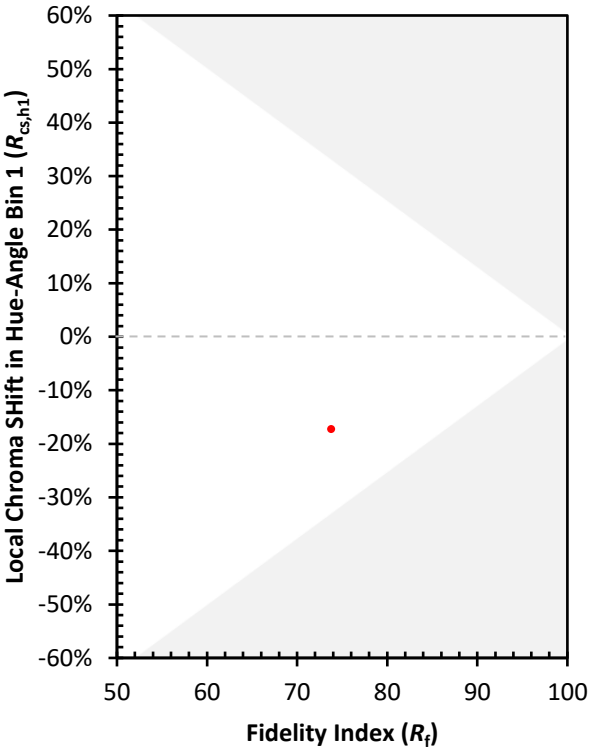
Measure Comparisons





(END OF REPORT)