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: LUMARK

Report Number: P1067122

Luminaire Tested: **NAV-SA6B-830-U-T3BC**

Issue Date: 08/07/2025

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:	P1067122
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA6B-830-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(84) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22175 lumens
Efficiency:	N/A
Efficacy:	105.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	211
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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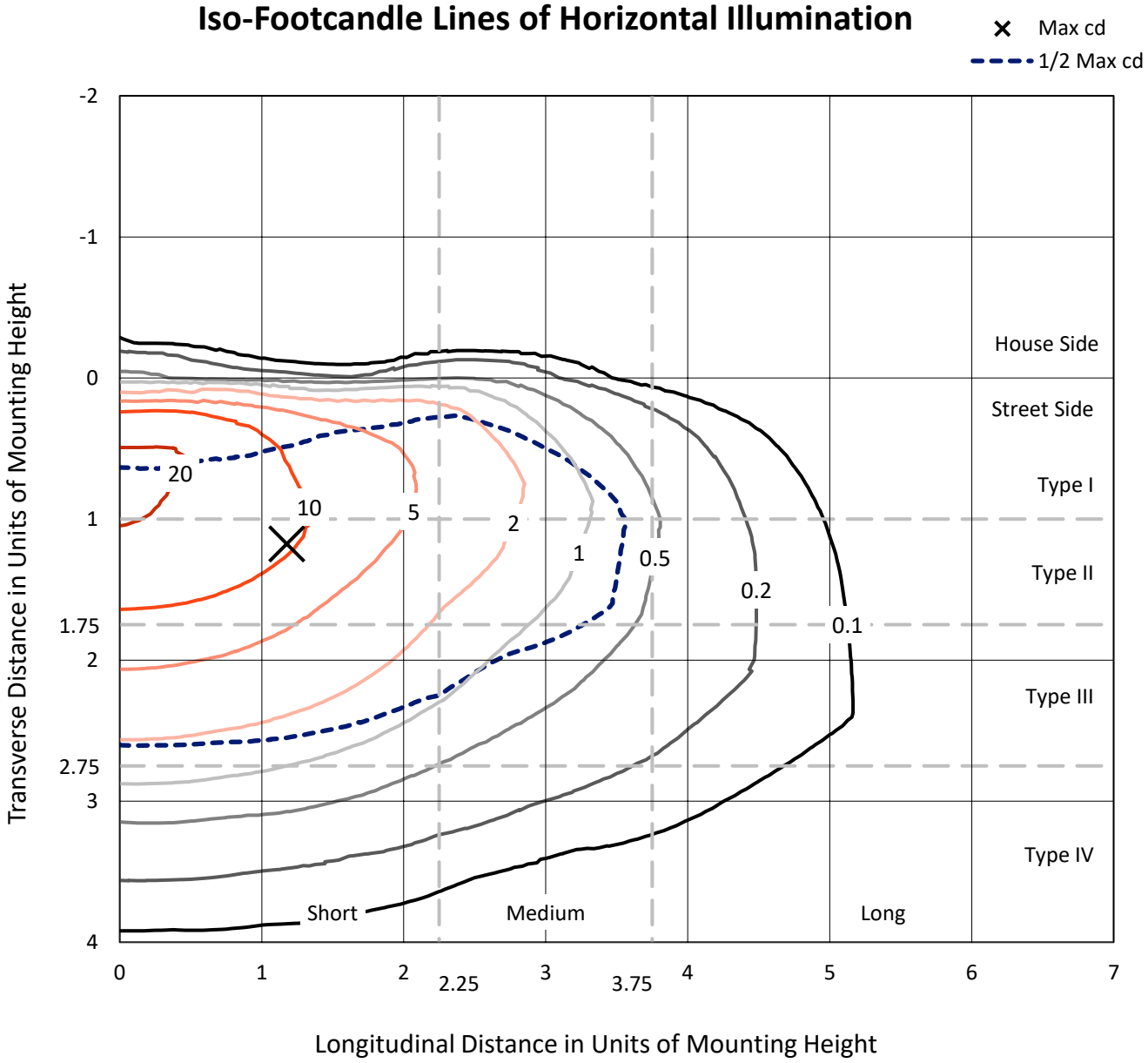
REPORT NUMBER: P1067122
CATALOG NUMBER: NAV-SA6B-830-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 24.2 fc
Type III - Short - N/A

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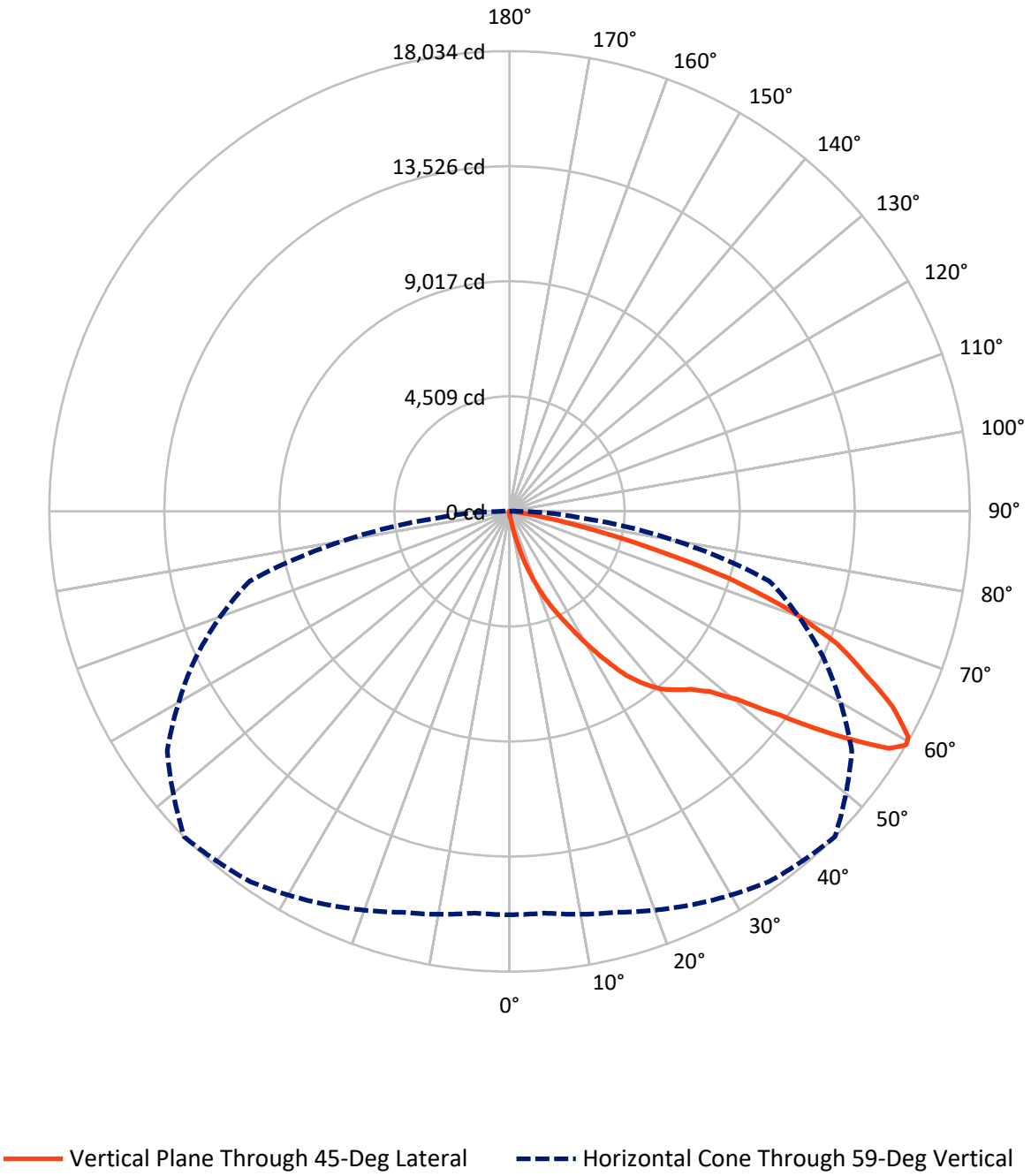
Luminous Intensity Polar Plot



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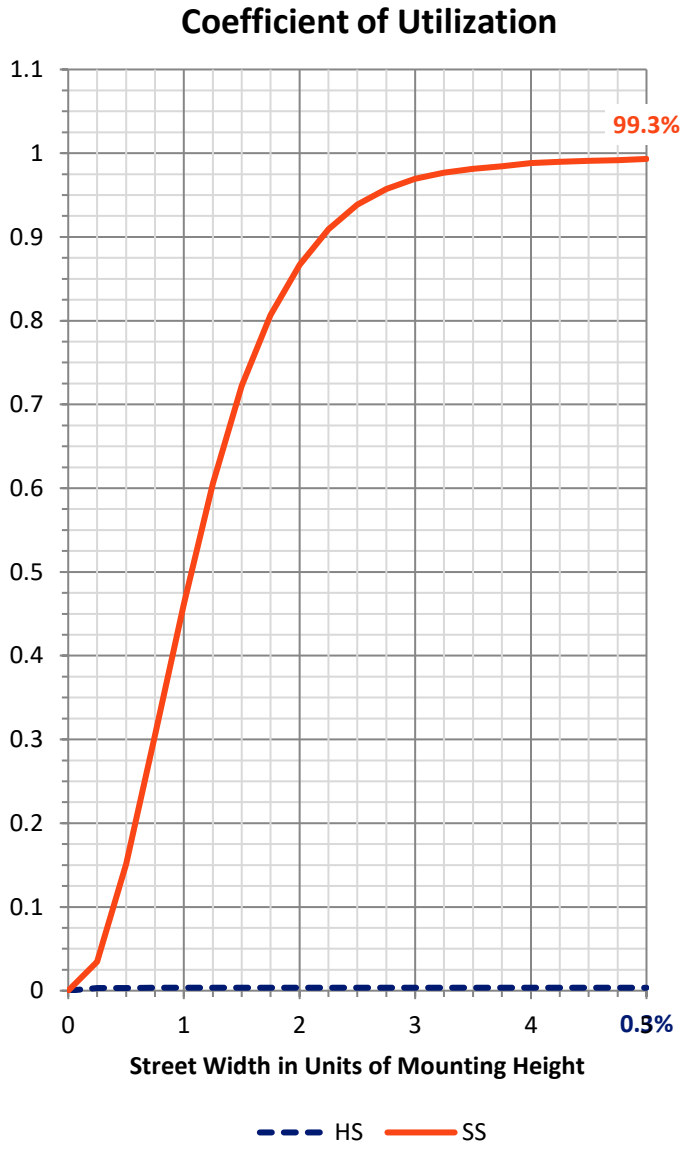
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	78.7	0.0	78.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22096.3	0.0	22096.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	22175.0	0.0	22175.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.6	0.1
10°-20°	245.1	1.1
20°-30°	880.7	4.0
30°-40°	2046.4	9.2
40°-50°	3488.0	15.7
50°-60°	5747.3	25.9
60°-70°	6645.2	30.0
70°-80°	2855.0	12.9
80°-90°	246.7	1.1
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°	22175.0	100.0
0°-180°	22175.0	100.0



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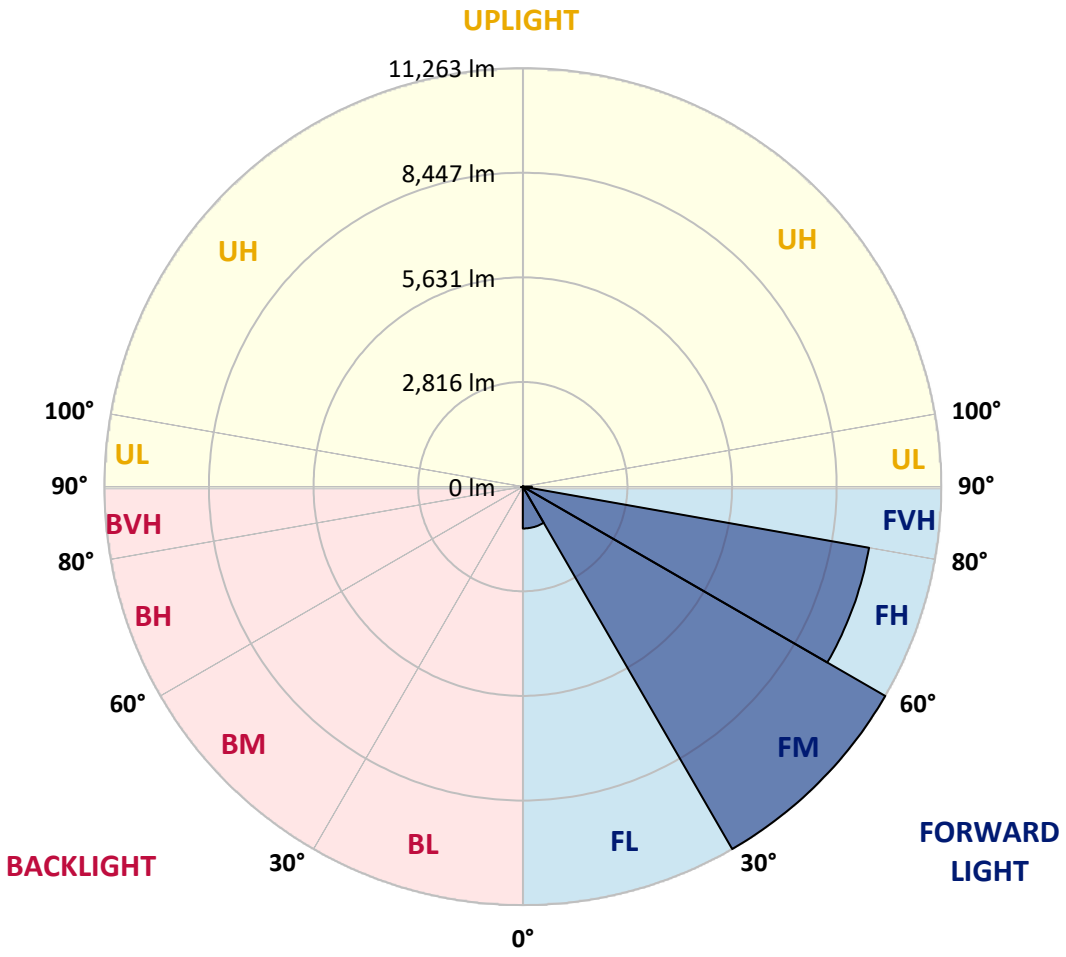
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1127.0	5.1			
FM	(30°-60°)	11262.7	50.8			
FH	(60°-80°)	9463.1	42.7			G4/12000
FVH	(80°-90°)	243.5	1.1			G3/500
BL	(0°-30°)	19.4	0.1	B0/110		
BM	(30°-60°)	19.0	0.1	B0/220		
BH	(60°-80°)	37.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	140.2	140.2	140.2	140.2	140.2	140.2	*140.2*	140.2	140.2	140.2	140.2
2.5°	181.9	181.9	177.4	171.5	170.0	165.5	*165.5*	161.0	155.1	150.6	144.6
5°	263.9	262.4	250.5	235.6	216.2	204.3	*204.3*	187.9	173.0	159.5	147.6
7.5°	577.0	563.6	520.4	448.8	354.9	292.2	*287.8*	234.1	198.3	171.5	149.1
10°	1324.1	1277.8	1216.7	1045.2	772.4	539.8	*529.3*	341.5	237.1	184.9	152.1
12.5°	2169.5	2206.8	2084.5	1814.6	1495.5	1112.3	*1037.8*	575.5	313.1	202.8	155.1
15°	2938.9	2929.9	2861.3	2640.7	2272.4	1762.4	*1716.2*	1000.5	448.8	231.1	158.1
17.5°	3514.4	3504.0	3438.4	3296.7	3013.4	2503.5	*2463.2*	1595.4	703.8	271.4	161.0
20°	4121.3	4107.9	4015.4	3902.1	3654.6	3220.7	*3173.0*	2260.4	1101.9	337.0	161.0
22.5°	4848.9	4823.6	4725.1	4532.8	4271.9	3894.6	*3851.4*	2940.4	1595.4	444.3	168.5
25°	5728.6	5685.4	5549.7	5376.7	5062.1	4561.1	*4514.9*	3697.8	2190.4	606.9	175.9
27.5°	6732.1	6739.6	6556.2	6263.9	5841.9	5330.5	*5244.0*	4376.2	2806.2	839.5	184.9
30°	7923.5	7848.9	7590.9	7251.0	6840.9	6189.4	*6105.9*	5051.7	3498.0	1182.4	199.8
32.5°	9038.8	8958.2	8610.8	8182.9	7743.0	7055.7	*6987.1*	5810.6	4127.2	1588.0	226.6
35°	9996.0	9939.4	9453.3	8931.4	8540.7	7926.4	*7905.6*	6657.6	4866.8	2024.8	256.5
37.5°	10838.5	10735.6	10110.8	9569.6	9173.0	8622.8	*8578.0*	7432.9	5579.5	2531.8	301.2
40°	11557.1	11500.5	10738.6	10027.3	9705.3	9213.2	*9156.6*	8112.8	6316.1	3120.8	356.4
42.5°	12326.5	12252.0	11512.4	10714.7	10121.3	9594.9	*9557.6*	8673.5	6972.2	3767.9	438.4
45°	13195.8	13057.1	12408.5	11692.8	10790.7	9990.1	*9948.3*	9173.0	7644.6	4462.7	538.3
47.5°	14124.7	14004.0	13479.1	12976.6	11938.9	10641.6	*10552.2*	9597.9	8312.6	5264.9	665.0
50°	15070.1	15073.1	14679.4	14437.9	13341.9	11700.3	*11573.6*	10222.7	9014.9	6123.8	852.9
52.5°	16170.5	16198.8	16192.8	16013.9	15164.0	13431.4	*13261.4*	11171.0	9830.5	7125.7	1112.3
55°	16631.2	16681.9	17011.4	17408.0	17176.9	15626.2	*15444.3*	12806.7	10911.5	8242.5	1497.0
57.5°	16254.0	16310.6	16765.4	17460.2	17991.0	17548.2	*17527.3*	14935.9	12335.5	9596.4	2126.2
59°	*15805.2*	*15797.7*	*16264.4*	*17001.0*	*17716.7*	*18004.5*	*18034.3*	*16376.2*	*13576.0*	*10546.2*	*2669.0*
60°	15506.9	15512.9	15823.1	16579.0	17339.5	17839.0	*17955.3*	17224.6	14300.7	11229.1	3134.2
62.5°	14355.9	14424.4	14670.5	15372.8	16094.4	16652.1	*16850.4*	17980.6	16374.7	12842.4	4752.0
65°	13104.9	13109.3	13459.7	14060.6	14752.5	15144.6	*15269.9*	16804.2	17759.9	14485.6	6873.8
67.5°	10872.8	10963.7	11361.8	12335.5	13249.5	13746.0	*13841.4*	14627.2	17185.9	15556.2	7936.9
70°	7608.8	7728.1	8296.2	9559.1	10920.5	11736.1	*11730.1*	12159.5	15125.2	15079.0	6729.1
72.5°	3799.2	4005.0	4468.7	5821.1	7470.2	8751.0	*9020.9*	9781.3	12150.6	12524.8	5020.4
75°	1678.9	1690.9	1954.8	2636.2	3712.7	5339.5	*5581.0*	7763.9	9322.1	8704.8	3626.2
77.5°	976.6	985.6	1033.3	1183.9	1504.5	2616.8	*2888.2*	5091.9	6587.5	5059.1	2364.8
80°	354.9	363.8	362.3	448.8	659.0	1030.3	*1148.1*	2467.7	4394.1	2664.5	1239.1
82.5°	217.7	217.7	210.2	211.7	240.1	395.1	*432.4*	1051.2	2139.7	1312.1	354.9
85°	107.4	113.3	120.8	135.7	161.0	195.3	*207.3*	301.2	720.2	317.6	85.0
87.5°	64.1	65.6	71.6	86.5	107.4	140.2	*149.1*	204.3	258.0	213.2	20.9
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: NAV-SA6B-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2	140.2
2.5°	141.7	140.2	132.7	126.7	120.8	114.8	110.3	105.9	105.9	107.4	105.9
5°	141.7	135.7	123.8	113.3	104.4	96.9	89.5	83.5	82.0	82.0	83.5
7.5°	140.2	132.7	116.3	102.9	91.0	80.5	73.1	65.6	64.1	65.6	64.1
10°	138.7	129.7	110.3	93.9	77.5	67.1	56.7	49.2	49.2	49.2	50.7
12.5°	138.7	125.2	104.4	85.0	67.1	55.2	44.7	37.3	35.8	35.8	35.8
15°	137.2	122.3	98.4	74.6	56.7	41.7	32.8	25.3	25.3	25.3	25.3
17.5°	134.2	117.8	91.0	65.6	44.7	31.3	22.4	14.9	14.9	17.9	17.9
20°	131.2	113.3	82.0	53.7	37.3	23.9	14.9	8.9	8.9	13.4	14.9
22.5°	132.7	113.3	76.0	47.7	29.8	17.9	11.9	7.5	6.0	10.4	13.4
25°	134.2	110.3	68.6	41.7	22.4	13.4	8.9	3.0	1.5	3.0	4.5
27.5°	134.2	107.4	59.6	32.8	16.4	10.4	4.5	0.0	0.0	0.0	0.0
30°	132.7	102.9	52.2	26.8	11.9	6.0	1.5	0.0	0.0	0.0	0.0
32.5°	131.2	98.4	47.7	20.9	10.4	3.0	0.0	0.0	0.0	0.0	0.0
35°	132.7	92.4	41.7	16.4	6.0	0.0	0.0	0.0	0.0	0.0	3.0
37.5°	137.2	86.5	35.8	13.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	143.1	82.0	29.8	10.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	155.1	82.0	26.8	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	170.0	82.0	22.4	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	189.4	83.5	19.4	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	213.2	86.5	17.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	231.1	83.5	16.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	262.4	80.5	14.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	304.2	76.0	14.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*345.9*	*70.1*	*14.9*	*1.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	393.6	67.1	13.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	650.1	59.6	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1255.5	56.7	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2029.3	56.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2133.7	56.7	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1419.5	46.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	760.4	41.7	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	410.0	38.8	6.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	180.4	28.3	7.5	4.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	71.6	19.4	8.9	7.5	6.0	3.0	0.0	0.0	0.0	0.0	0.0
85°	34.3	14.9	11.9	10.4	7.5	4.5	0.0	0.0	0.0	0.0	0.0
87.5°	16.4	14.9	13.4	11.9	10.4	7.5	1.5	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

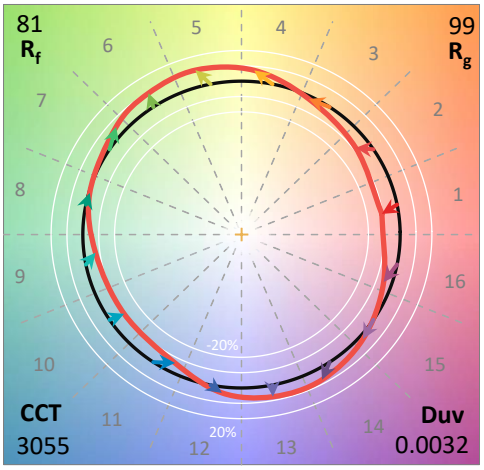
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

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

REPORT NUMBER: SP1-2407-184-9

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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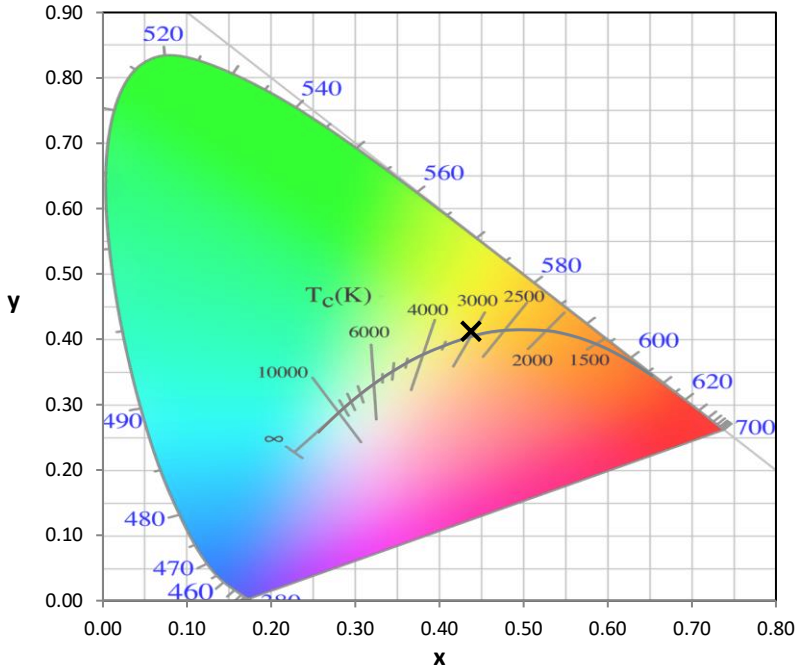
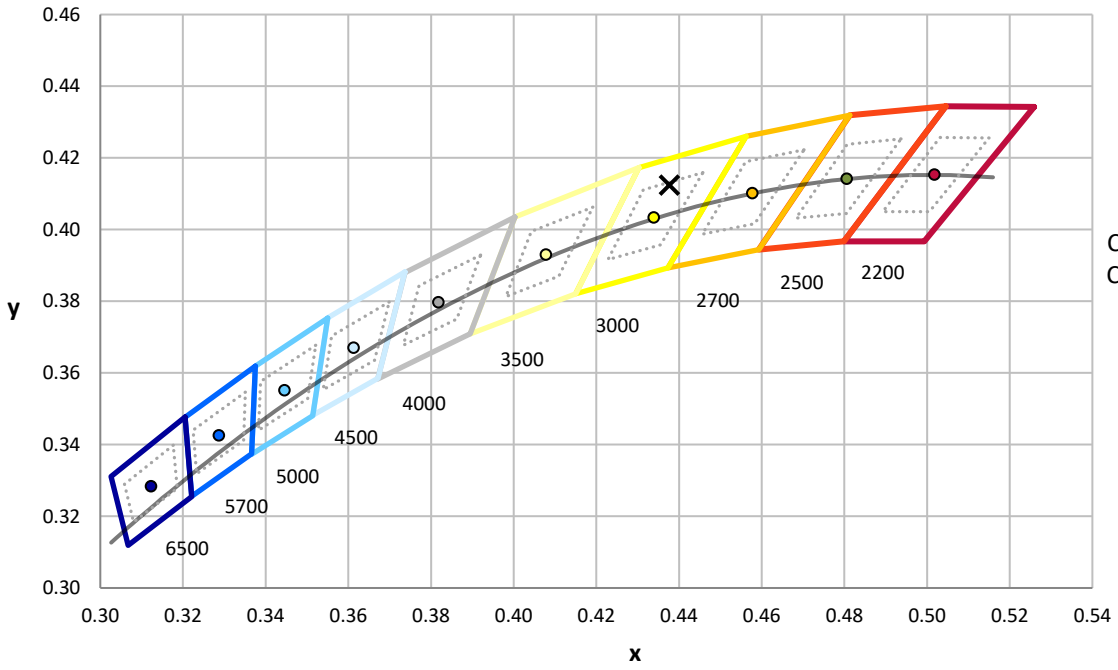
CIE 1931 Chromaticity Diagram



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

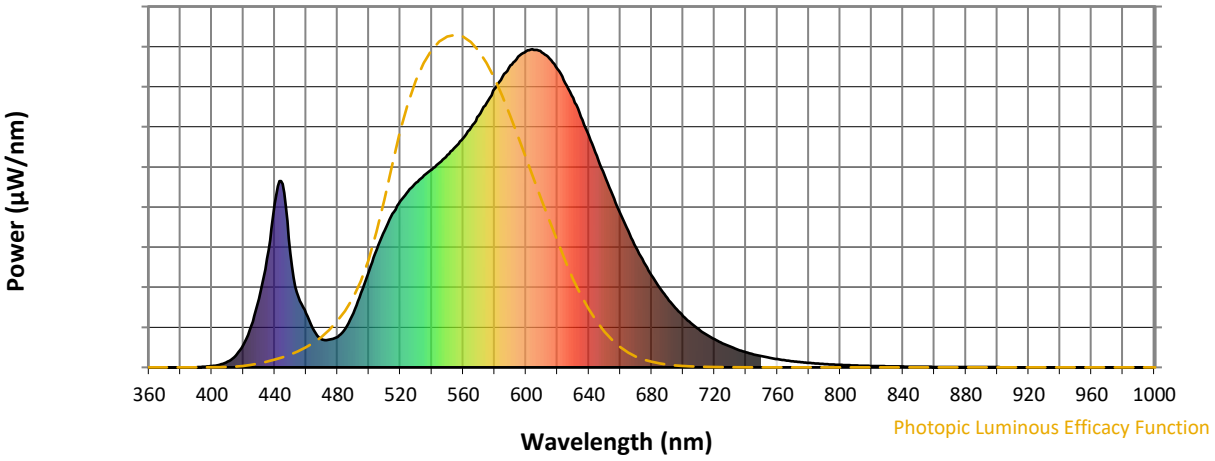


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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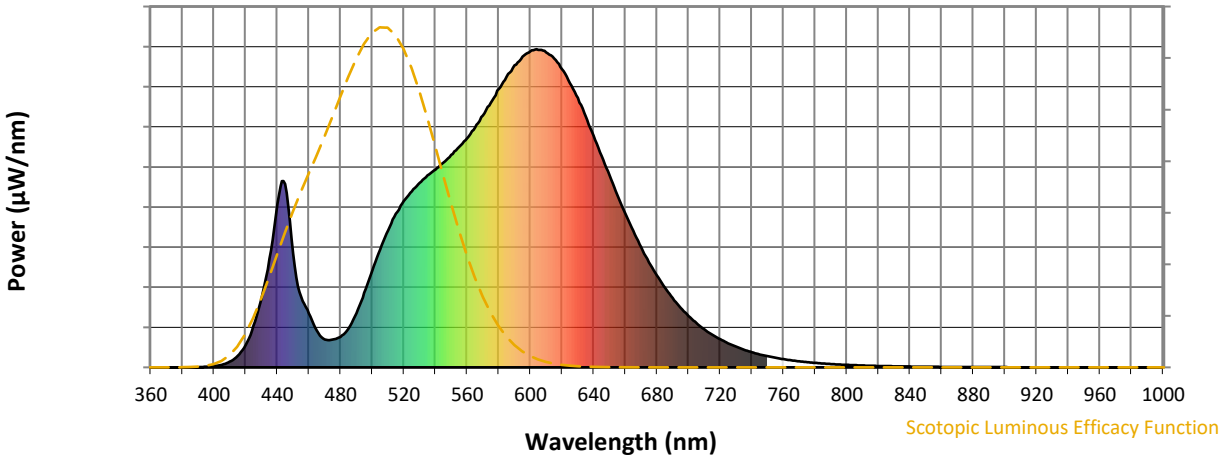
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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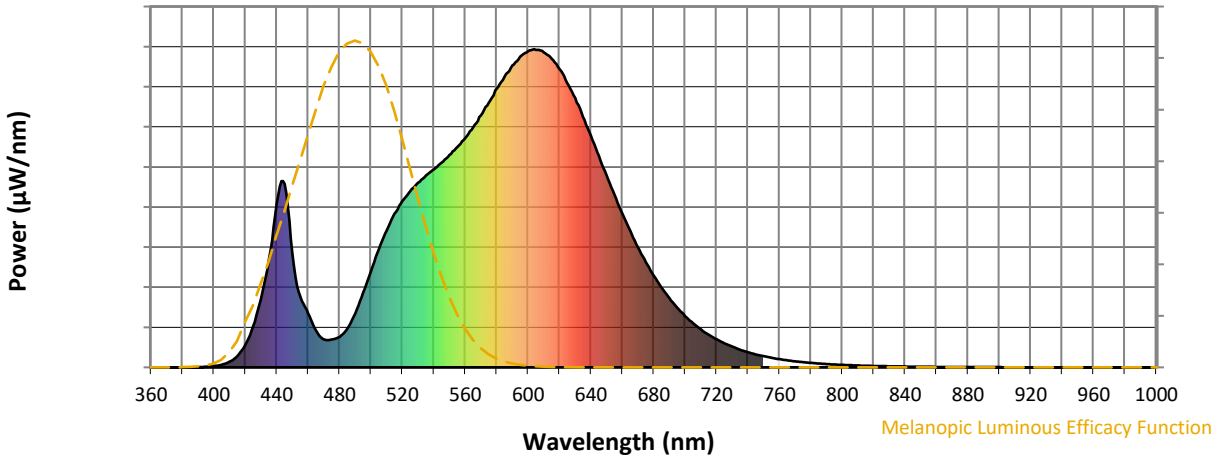
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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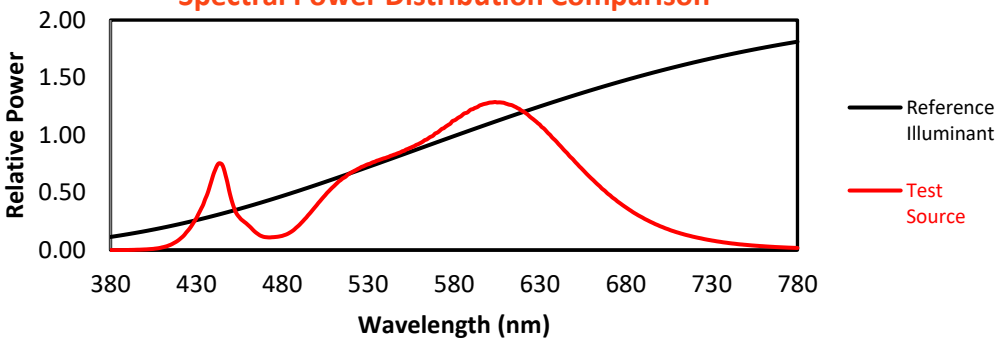
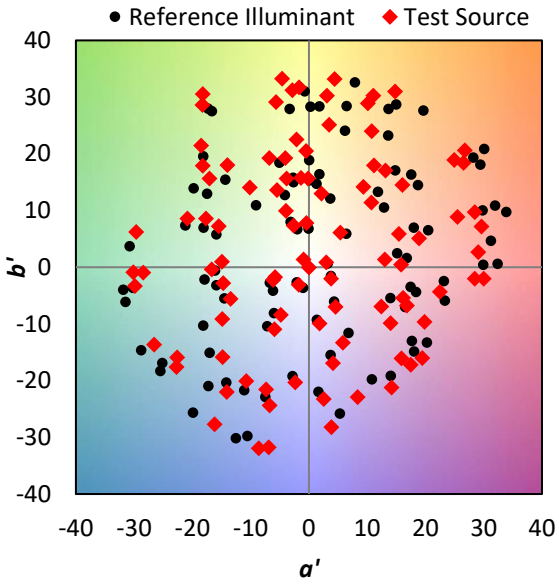
Summary

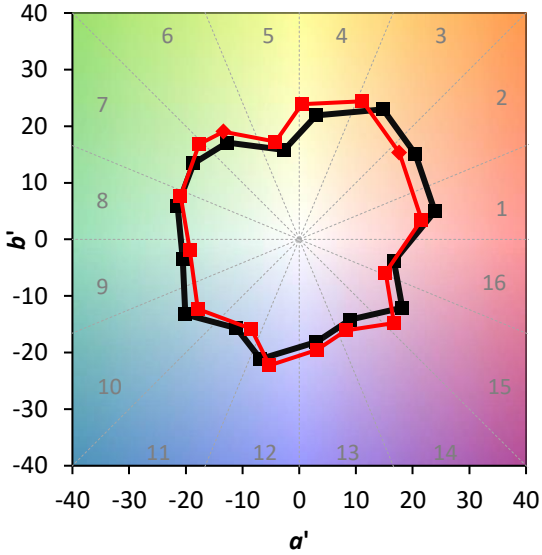
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

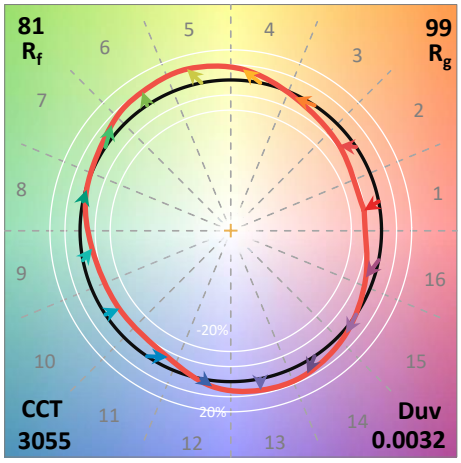
Spectral Power Distribution Comparison

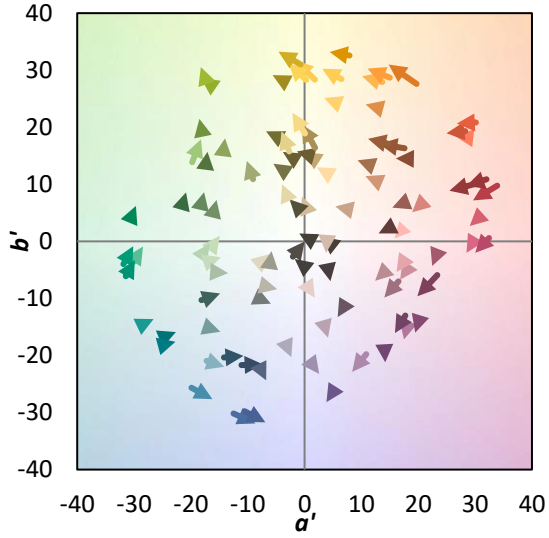


Color Vector Graphics









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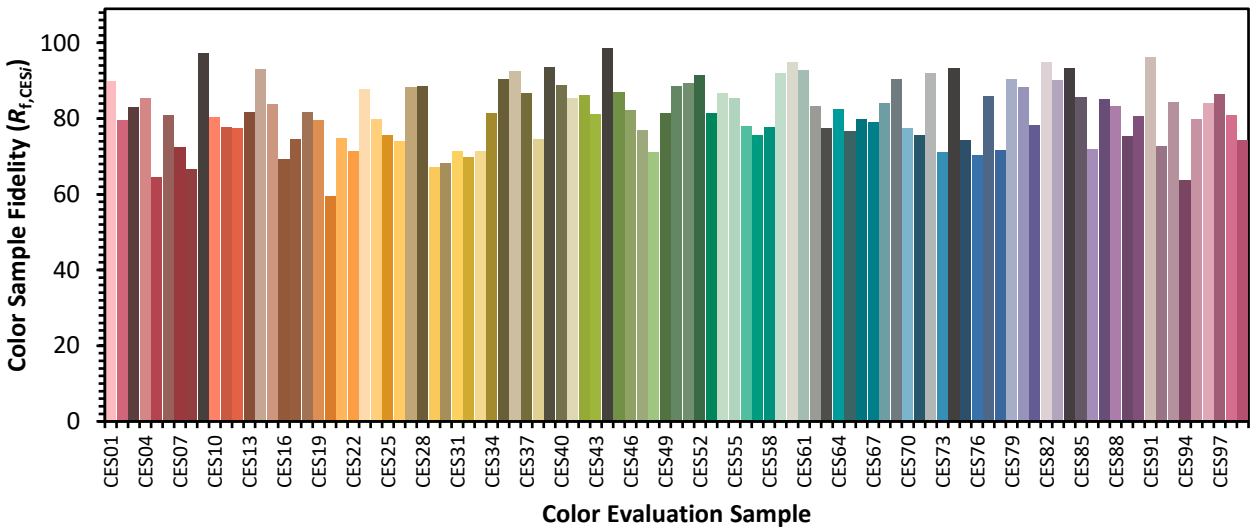
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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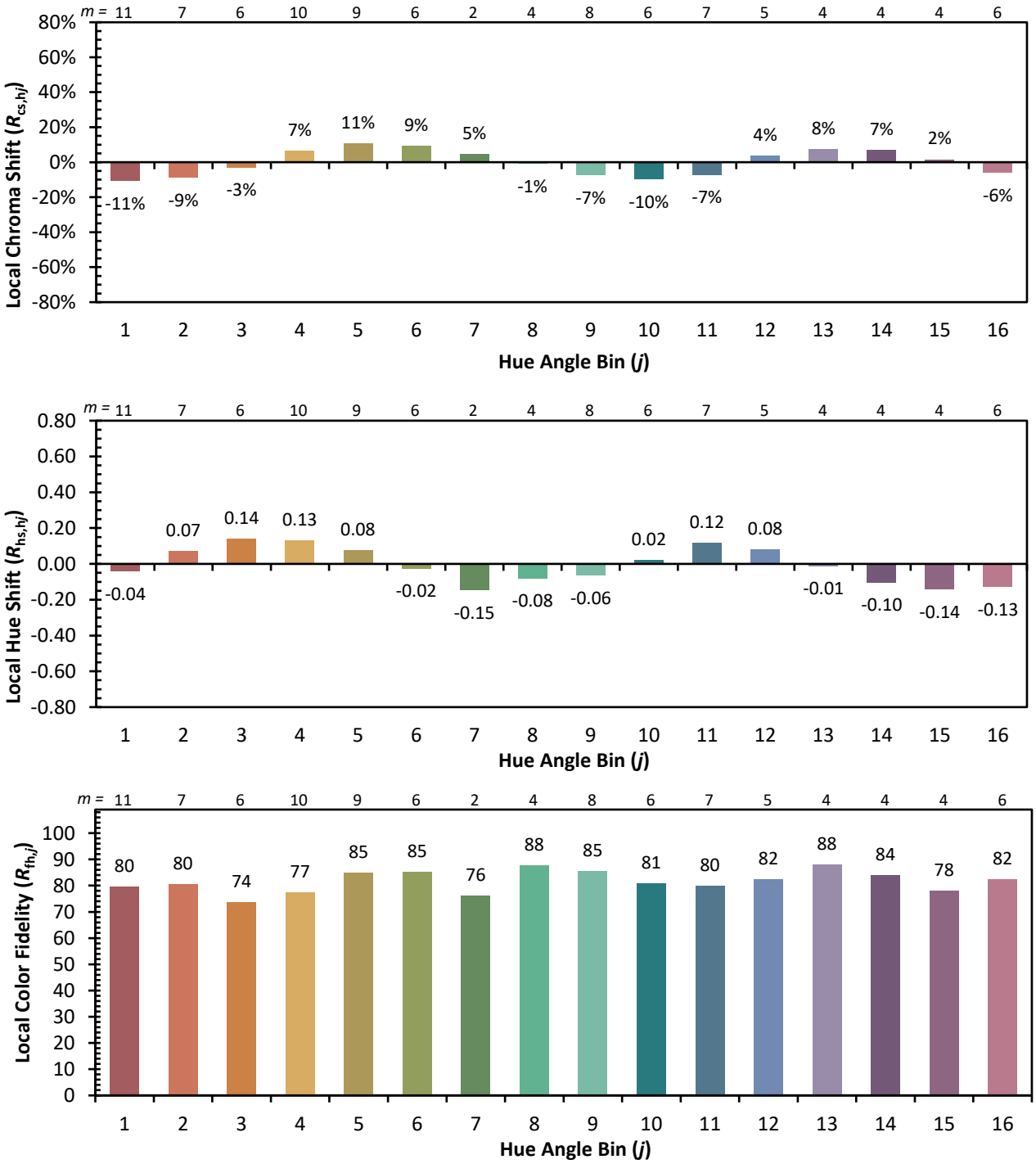
Color Rendition by Hue-Angle Bin



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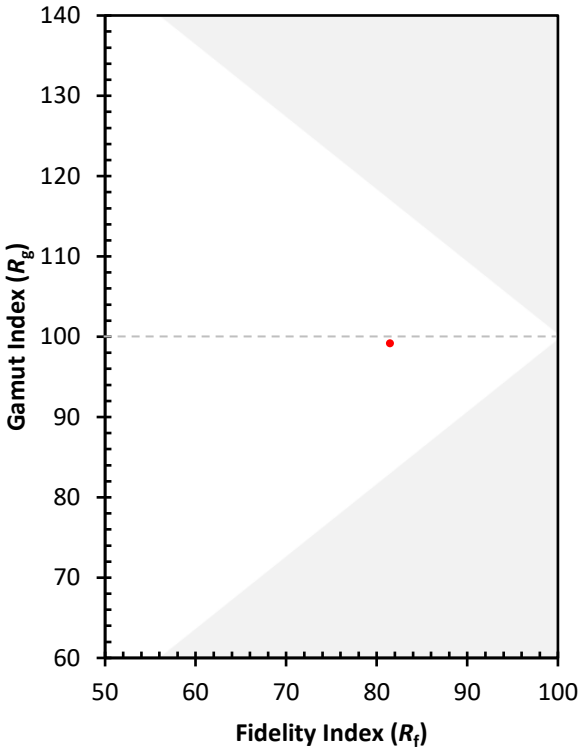
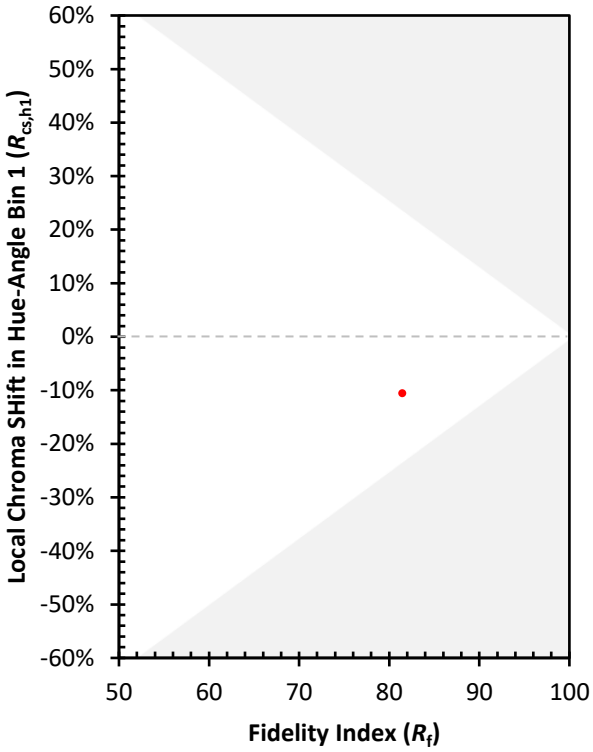
Measure Comparisons





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