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: STREETWORKS

Report Number: P1065871

Luminaire Tested: **NVN-SA5C-760-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:	P1065871
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	NVN-SA5C-760-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE 70CRI 5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(70) 5700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28825.1 lumens
Efficiency:	N/A
Efficacy:	122.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	236
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: P1065871
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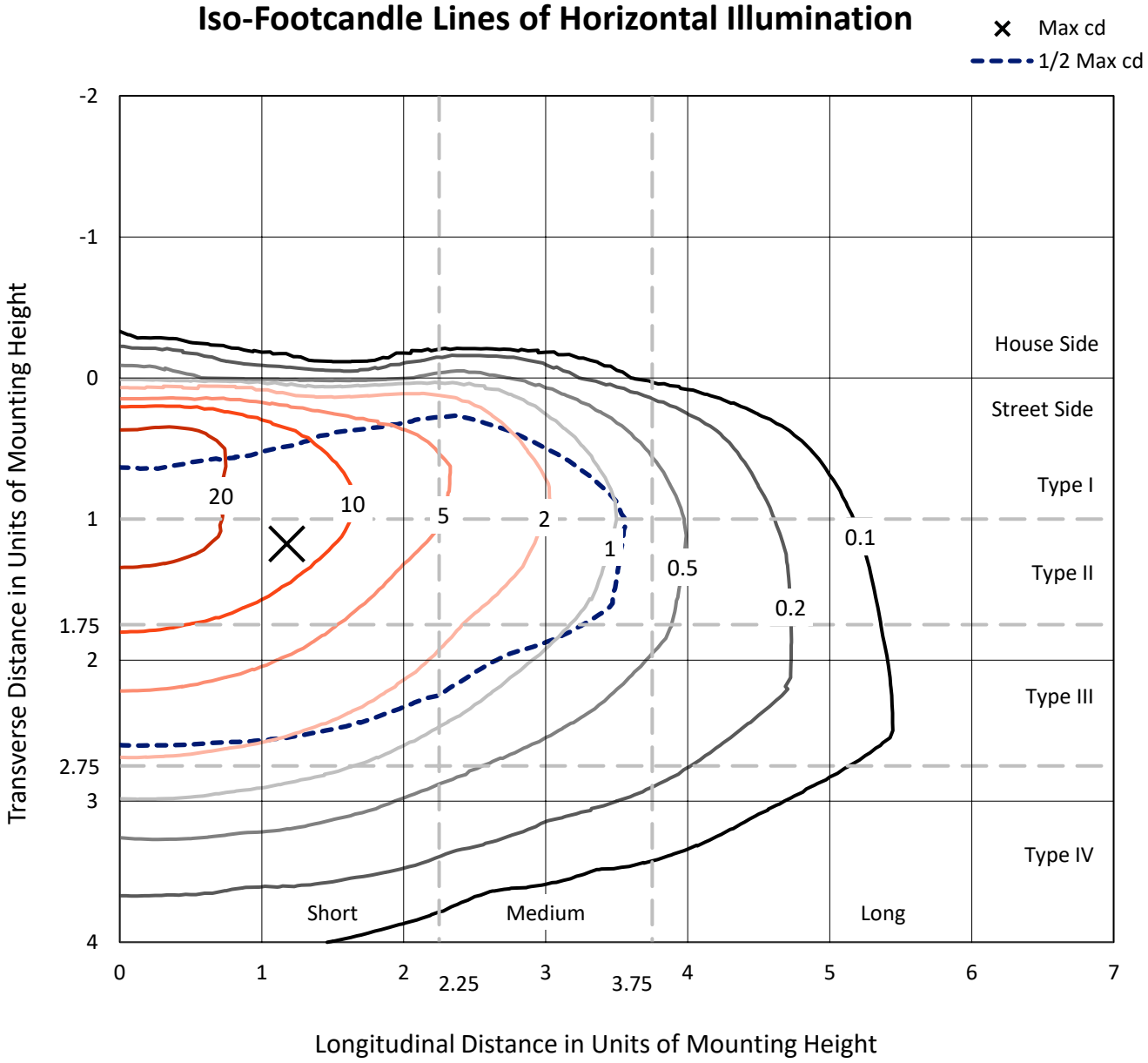
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 31.4 fc
Type III - Short - N/A

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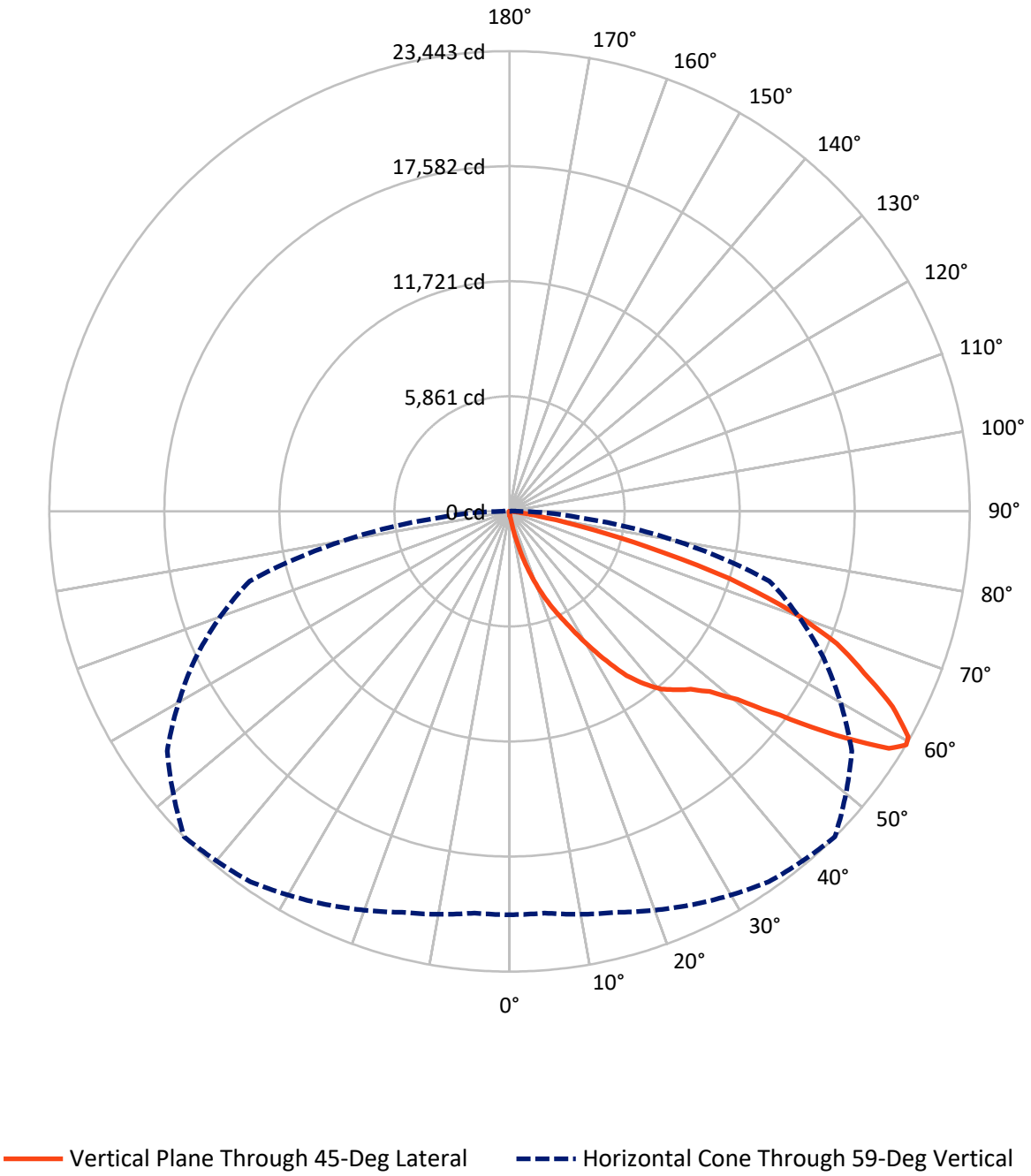
Luminous Intensity Polar Plot



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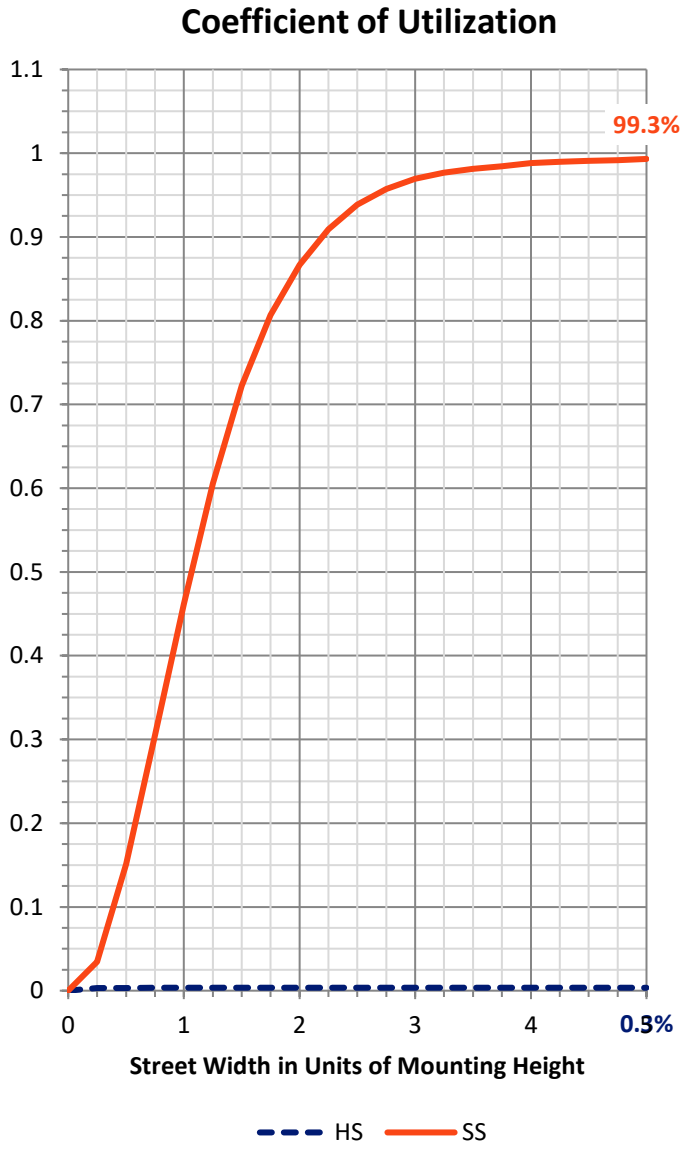
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	102.3	0.0	102.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28722.7	0.0	28722.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	28825.1	0.0	28825.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	0.1
10°-20°	318.6	1.1
20°-30°	1144.8	4.0
30°-40°	2660.1	9.2
40°-50°	4534.0	15.7
50°-60°	7470.9	25.9
60°-70°	8638.0	30.0
70°-80°	3711.2	12.9
80°-90°	320.7	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°	28825.1	100.0
0°-180°	28825.1	100.0



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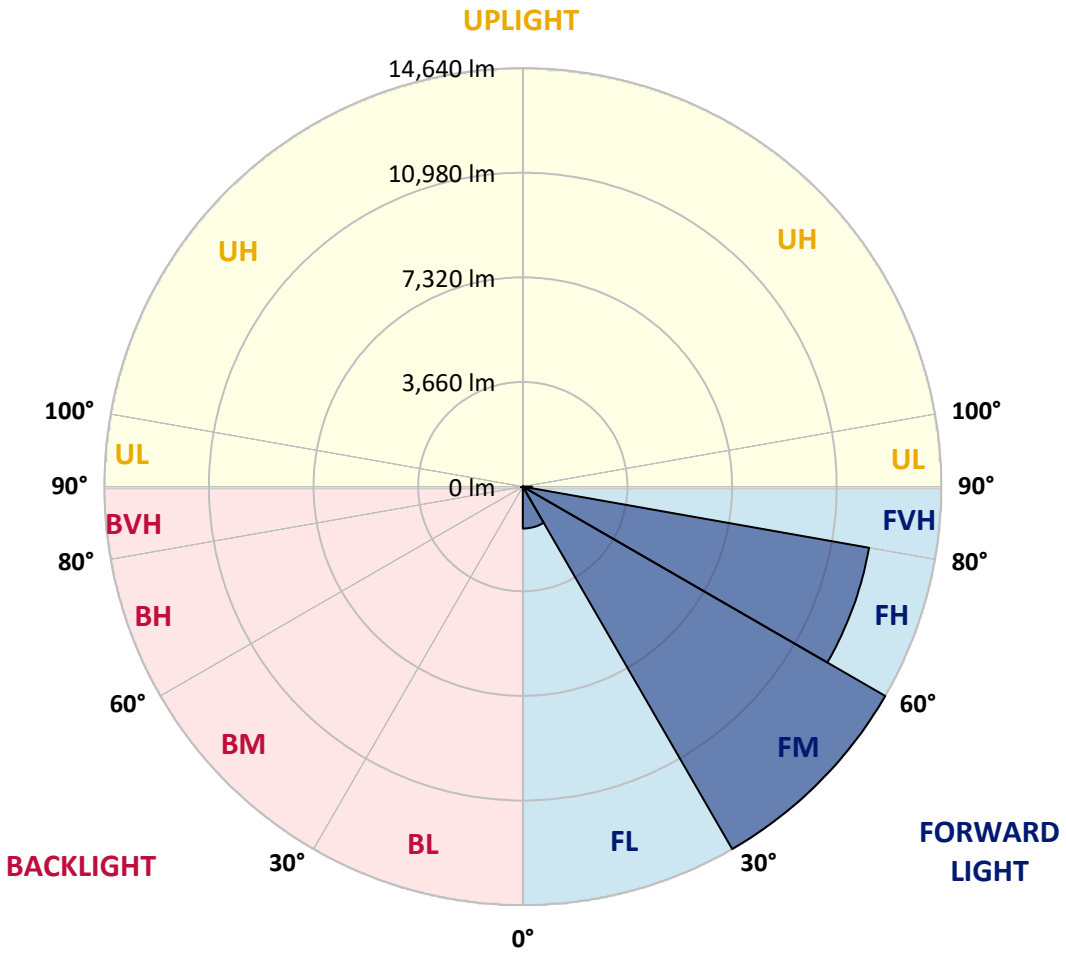
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1464.9	5.1			
FM	(30°-60°)	14640.3	50.8			
FH	(60°-80°)	12301.0	42.7			G5
FVH	(80°-90°)	316.5	1.1			G3/500
BL	(0°-30°)	25.3	0.1	B0/110		
BM	(30°-60°)	24.8	0.1	B0/220		
BH	(60°-80°)	48.2	0.2	B0/110		G0/110
BVH	(80°-90°)	4.2	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-G5
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	182.2	182.2	182.2	182.2	182.2	182.2	*182.2*	182.2	182.2	182.2	182.2
2.5°	236.5	236.5	230.6	222.9	221.0	215.1	*215.1*	209.3	201.6	195.8	188.0
5°	343.1	341.1	325.6	306.2	281.0	265.5	*265.5*	244.2	224.8	207.4	191.9
7.5°	750.1	732.6	676.4	583.4	461.3	379.9	*374.1*	304.3	257.8	222.9	193.8
10°	1721.1	1661.0	1581.6	1358.7	1004.0	701.6	*688.1*	443.8	308.2	240.3	197.7
12.5°	2820.1	2868.5	2709.6	2358.8	1944.0	1445.9	*1349.0*	748.1	407.0	263.6	201.6
15°	3820.2	3808.6	3719.4	3432.6	2953.8	2291.0	*2230.9*	1300.5	583.4	300.4	205.4
17.5°	4568.4	4554.8	4469.5	4285.4	3917.1	3254.2	*3201.9*	2073.9	914.8	352.8	209.3
20°	5357.2	5339.8	5219.6	5072.3	4750.5	4186.5	*4124.5*	2938.3	1432.3	438.0	209.3
22.5°	6303.0	6270.1	6142.2	5892.1	5553.0	5062.6	*5006.4*	3822.1	2073.9	577.6	219.0
25°	7446.6	7390.4	7214.0	6989.2	6580.2	5929.0	*5868.9*	4806.8	2847.2	788.8	228.7
27.5°	8751.0	8760.7	8522.3	8142.4	7593.9	6929.1	*6816.7*	5688.6	3647.7	1091.2	240.3
30°	10299.6	10202.7	9867.4	9425.5	8892.5	8045.5	*7937.0*	6566.6	4547.0	1537.0	259.7
32.5°	11749.4	11644.7	11193.1	10636.9	10065.1	9171.6	*9082.4*	7553.2	5365.0	2064.2	294.6
35°	12993.7	12920.1	12288.2	11609.9	11102.0	10303.5	*10276.4*	8654.1	6326.3	2632.1	333.4
37.5°	14088.8	13955.1	13143.0	12439.4	11923.8	11208.6	*11150.5*	9662.0	7252.8	3291.1	391.5
40°	15023.0	14949.4	13959.0	13034.4	12615.8	11976.2	*11902.5*	10545.8	8210.2	4056.7	463.2
42.5°	16023.1	15926.2	14964.9	13927.9	13156.5	12472.4	*12423.9*	11274.5	9063.1	4897.8	569.8
45°	17153.1	16972.9	16129.8	15199.4	14026.8	12986.0	*12931.7*	11923.8	9937.2	5801.1	699.7
47.5°	18360.6	18203.6	17521.4	16868.2	15519.2	13833.0	*13716.7*	12476.2	10805.5	6843.8	864.4
50°	19589.4	19593.3	19081.6	18767.6	17343.1	15209.1	*15044.4*	13288.3	11718.4	7960.2	1108.7
52.5°	21019.8	21056.7	21048.9	20816.3	19711.6	17459.4	*17238.4*	14521.0	12778.6	9262.7	1445.9
55°	21618.8	21684.6	22113.0	22628.6	22328.1	20312.4	*20075.9*	16647.3	14183.8	10714.4	1946.0
57.5°	21128.4	21202.0	21793.2	22696.4	23386.4	22810.7	*22783.6*	19415.0	16034.8	12474.3	2763.9
59°	*20545.0*	*20535.3*	*21142.0*	*22099.4*	*23029.8*	*23403.8*	*23442.6*	*21287.3*	*17647.4*	*13708.9*	*3469.4*
60°	20157.3	20165.1	20568.2	21550.9	22539.4	23188.7	*23339.9*	22390.2	18589.3	14596.6	4074.1
62.5°	18661.0	18750.2	19070.0	19982.9	20921.0	21645.9	*21903.7*	23372.8	21285.4	16693.8	6177.1
65°	17034.9	17040.7	17496.2	18277.3	19176.6	19686.4	*19849.2*	21843.6	23086.0	18829.7	8935.1
67.5°	14133.4	14251.6	14769.1	16034.8	17222.9	17868.3	*17992.4*	19013.8	22339.8	20221.3	10317.1
70°	9890.7	10045.7	10784.2	12425.8	14195.4	15255.6	*15247.9*	15806.1	19661.2	19601.1	8747.1
72.5°	4938.5	5206.0	5808.8	7566.8	9710.4	11375.3	*11726.1*	12714.6	15794.4	16280.9	6525.9
75°	2182.4	2197.9	2541.0	3426.7	4826.1	6940.7	*7254.7*	10092.2	12117.7	11315.2	4713.7
77.5°	1269.5	1281.2	1343.2	1538.9	1955.6	3401.6	*3754.3*	6619.0	8563.0	6576.3	3074.0
80°	461.3	472.9	471.0	583.4	856.7	1339.3	*1492.4*	3207.7	5711.9	3463.6	1610.6
82.5°	283.0	283.0	273.3	275.2	312.1	513.6	*562.1*	1366.4	2781.3	1705.6	461.3
85°	139.6	147.3	157.0	176.4	209.3	253.9	*269.4*	391.5	936.2	412.8	110.5
87.5°	83.3	85.3	93.0	112.4	139.6	182.2	*193.8*	265.5	335.3	277.2	27.1
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: NVN-SA5C-760-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	182.2	182.2	182.2	182.2	182.2	182.2	182.2	182.2	182.2	182.2	182.2
2.5°	184.1	182.2	172.5	164.7	157.0	149.2	143.4	137.6	137.6	139.6	137.6
5°	184.1	176.4	160.9	147.3	135.7	126.0	116.3	108.5	106.6	106.6	108.5
7.5°	182.2	172.5	151.2	133.7	118.2	104.7	95.0	85.3	83.3	85.3	83.3
10°	180.3	168.6	143.4	122.1	100.8	87.2	73.7	64.0	64.0	64.0	65.9
12.5°	180.3	162.8	135.7	110.5	87.2	71.7	58.1	48.5	46.5	46.5	46.5
15°	178.3	158.9	127.9	96.9	73.7	54.3	42.6	32.9	32.9	32.9	32.9
17.5°	174.4	153.1	118.2	85.3	58.1	40.7	29.1	19.4	19.4	23.3	23.3
20°	170.6	147.3	106.6	69.8	48.5	31.0	19.4	11.6	11.6	17.4	19.4
22.5°	172.5	147.3	98.8	62.0	38.8	23.3	15.5	9.7	7.8	13.6	17.4
25°	174.4	143.4	89.2	54.3	29.1	17.4	11.6	3.9	1.9	3.9	5.8
27.5°	174.4	139.6	77.5	42.6	21.3	13.6	5.8	0.0	0.0	0.0	0.0
30°	172.5	133.7	67.8	34.9	15.5	7.8	1.9	0.0	0.0	0.0	0.0
32.5°	170.6	127.9	62.0	27.1	13.6	3.9	0.0	0.0	0.0	0.0	0.0
35°	172.5	120.2	54.3	21.3	7.8	0.0	0.0	0.0	0.0	0.0	3.9
37.5°	178.3	112.4	46.5	17.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	186.1	106.6	38.8	13.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	201.6	106.6	34.9	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	221.0	106.6	29.1	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	246.2	108.5	25.2	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	277.2	112.4	23.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	300.4	108.5	21.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	341.1	104.7	19.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	395.4	98.8	19.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*449.7*	*91.1*	*19.4*	*1.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	511.7	87.2	17.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	845.1	77.5	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1632.0	73.7	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2637.9	73.7	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2773.6	73.7	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1845.2	60.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	988.5	54.3	5.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	533.0	50.4	7.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	234.5	36.8	9.7	5.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	93.0	25.2	11.6	9.7	7.8	3.9	0.0	0.0	0.0	0.0	0.0
85°	44.6	19.4	15.5	13.6	9.7	5.8	0.0	0.0	0.0	0.0	0.0
87.5°	21.3	19.4	17.4	15.5	13.6	9.7	1.9	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

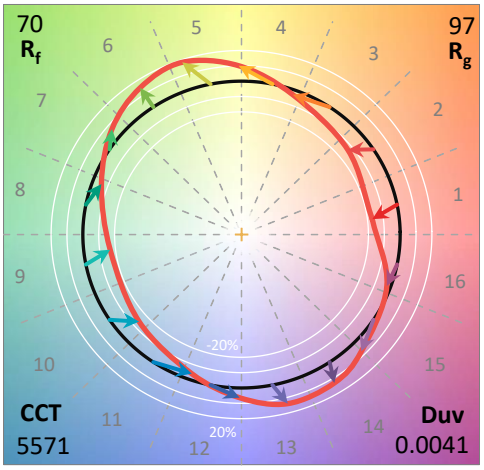
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-7
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-757-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571
CIE u':	0.2033
CIE v':	0.4806
Duv:	0.0041
CIE x:	0.3308
CIE y:	0.3476
CIE z:	0.3216
Peak Wavelength (nm):	442
Dominant Wavelength (nm):	544
Purity:	3.635698
Rf:	70.4
Rg:	97.1

CRI (Ra):	69.9
R1:	68.8
R2:	72.5
R3:	76.8
R4:	72.0
R5:	70.9
R6:	65.6
R7:	75.5
R8:	56.8
R9:	-35.4
R10:	36.7
R11:	73.9
R12:	47.8
R13:	68.0
R14:	87.0
R15:	59.8



Test Conditions

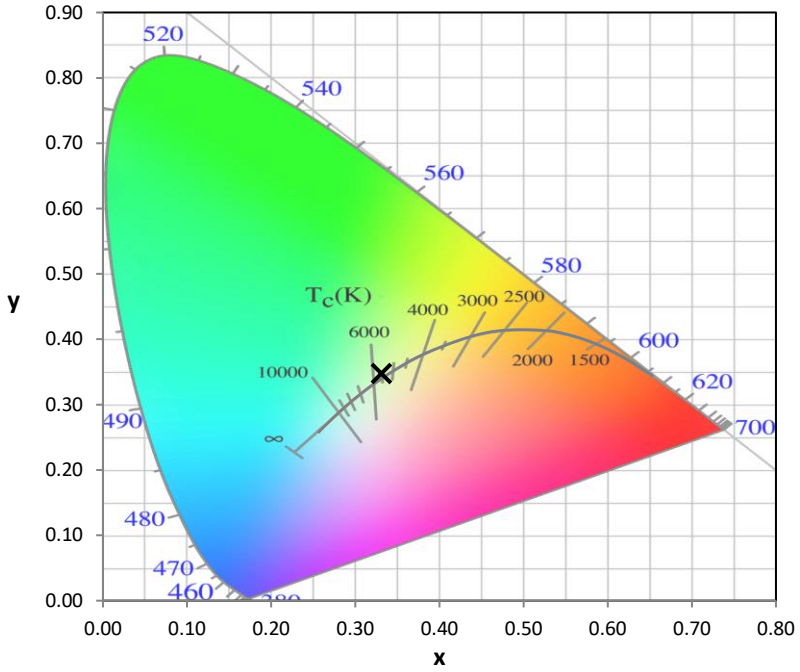
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-7

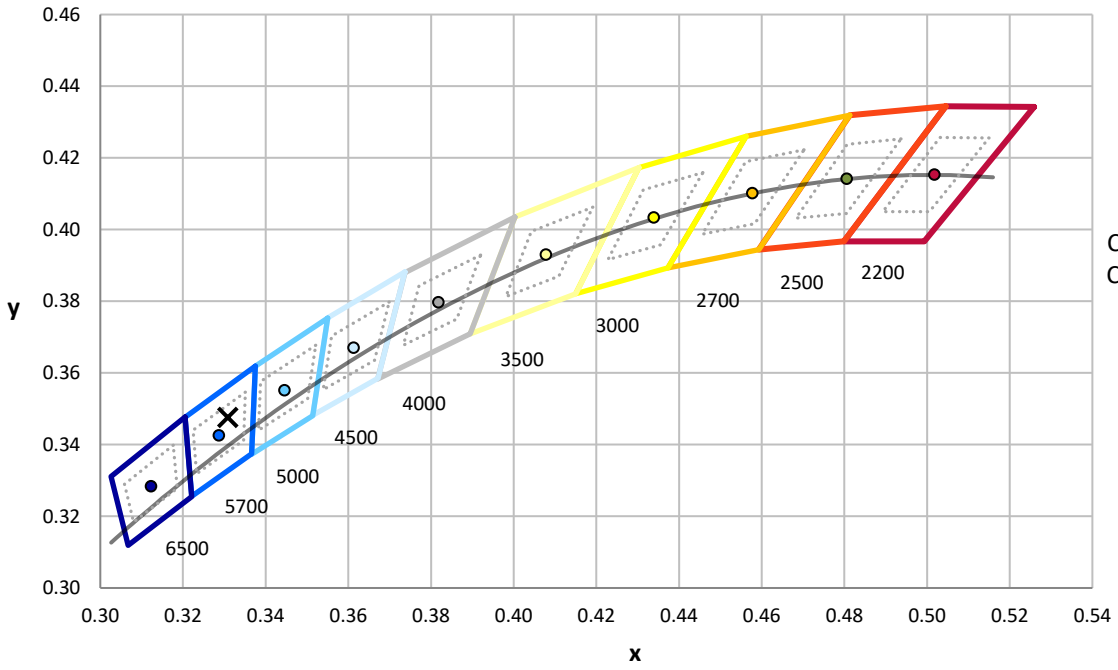
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-7

CIE 1931 Chromaticity Diagram



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

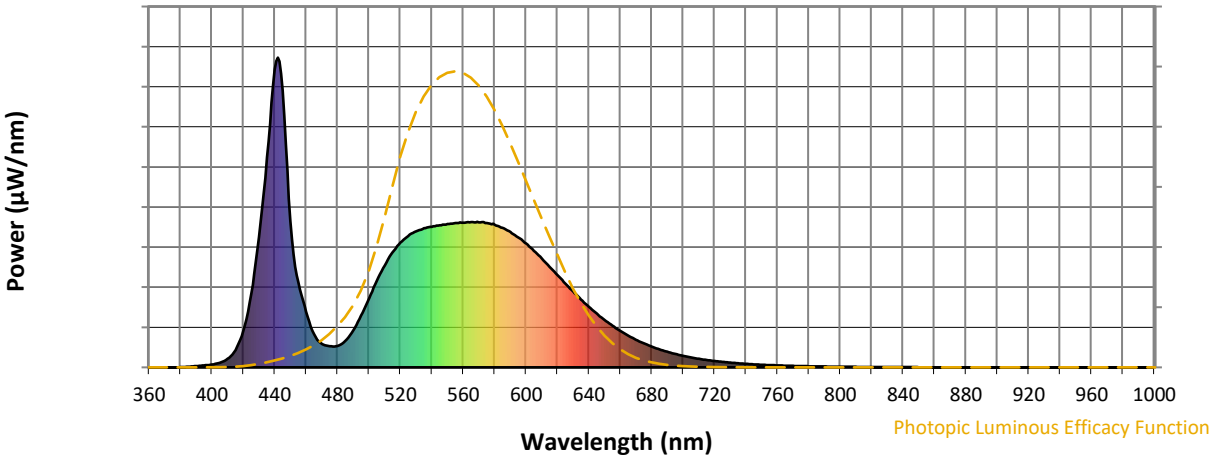


CCT = 5571K
CIE x = 0.3308
CIE y = 0.3476
Duv = 0.0041

Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-7

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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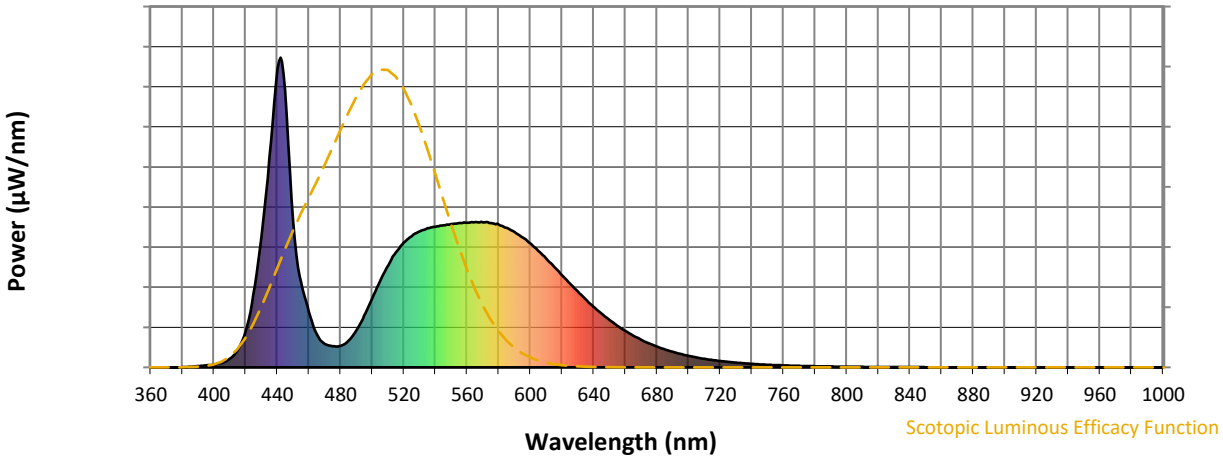
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.84**

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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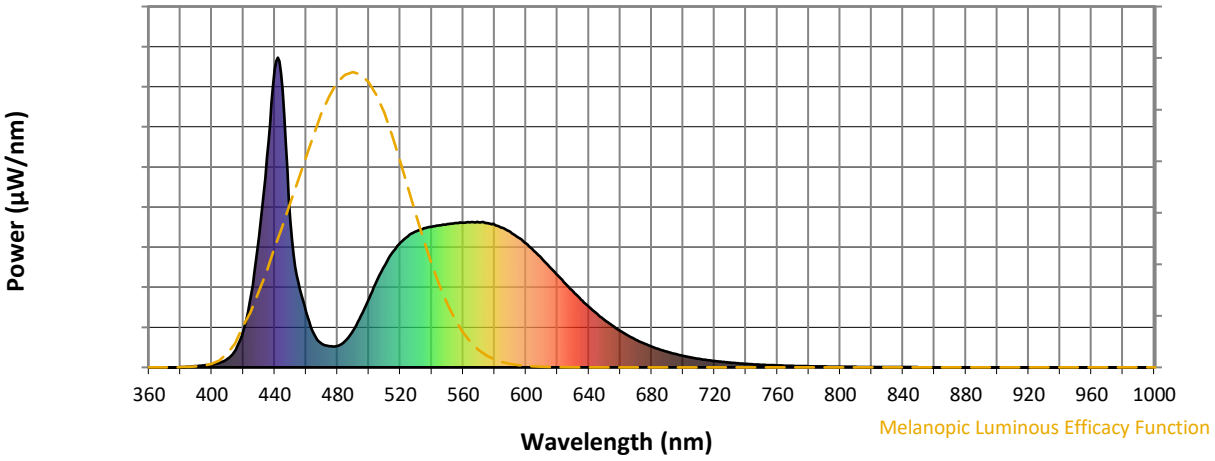
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.71**

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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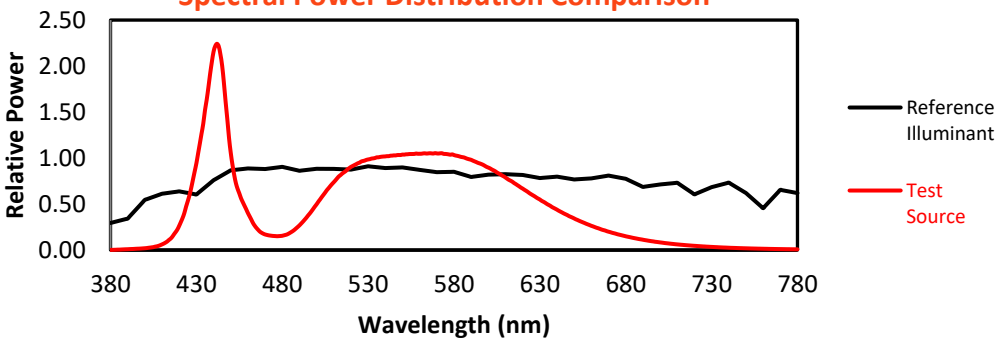
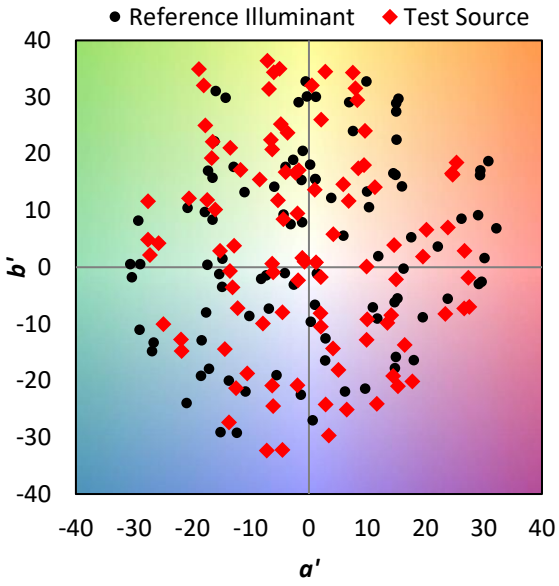
Summary

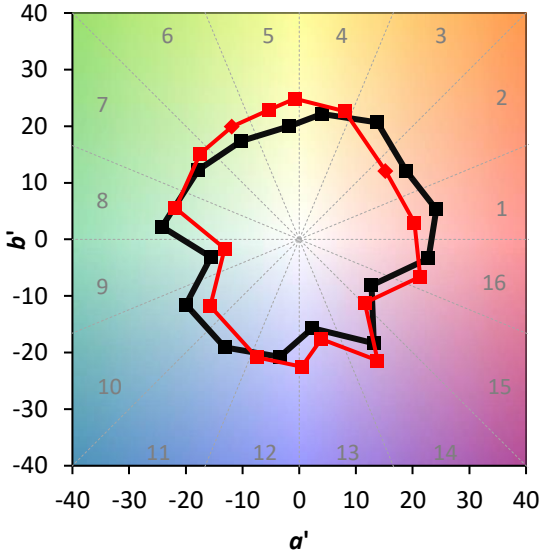
R_f = 70.4
R_g = 97.1
CIE R_a = 69.9
R_9 = -35.4

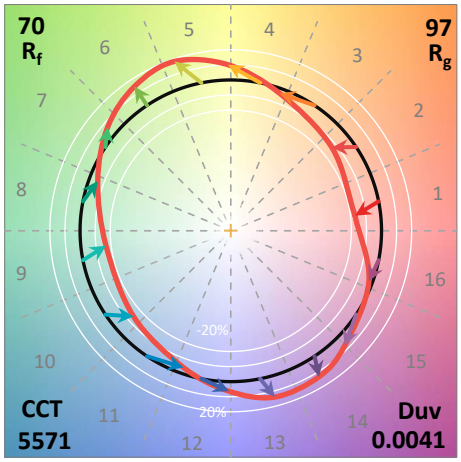
Spectral Power Distribution Comparison

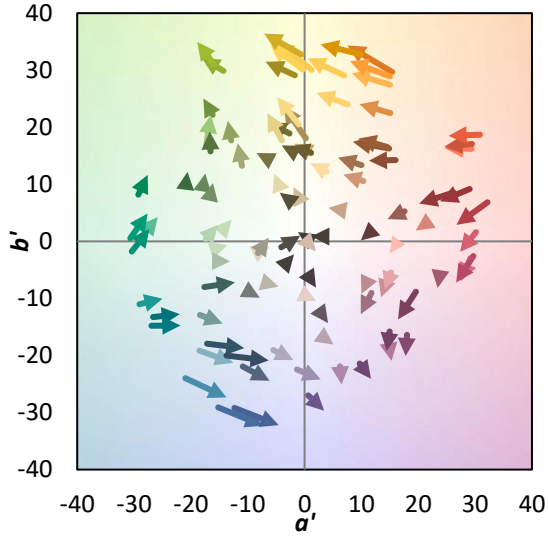


Color Vector Graphics









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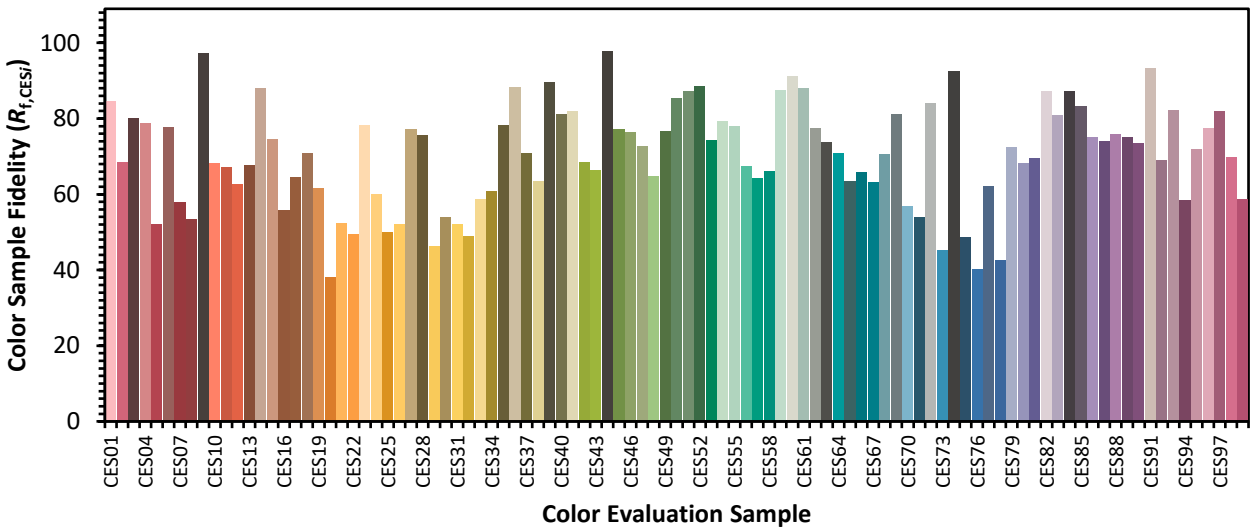
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



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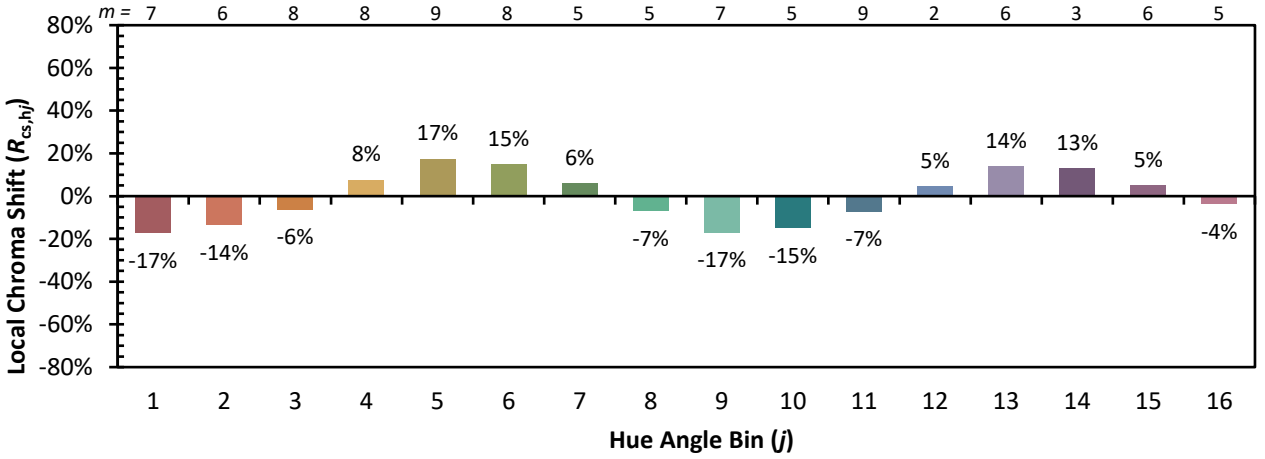
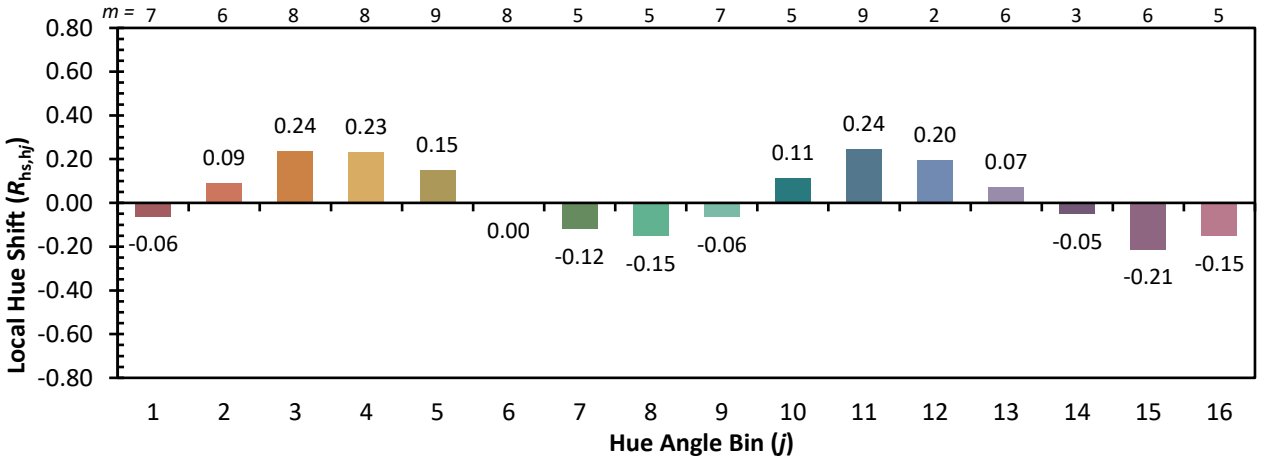
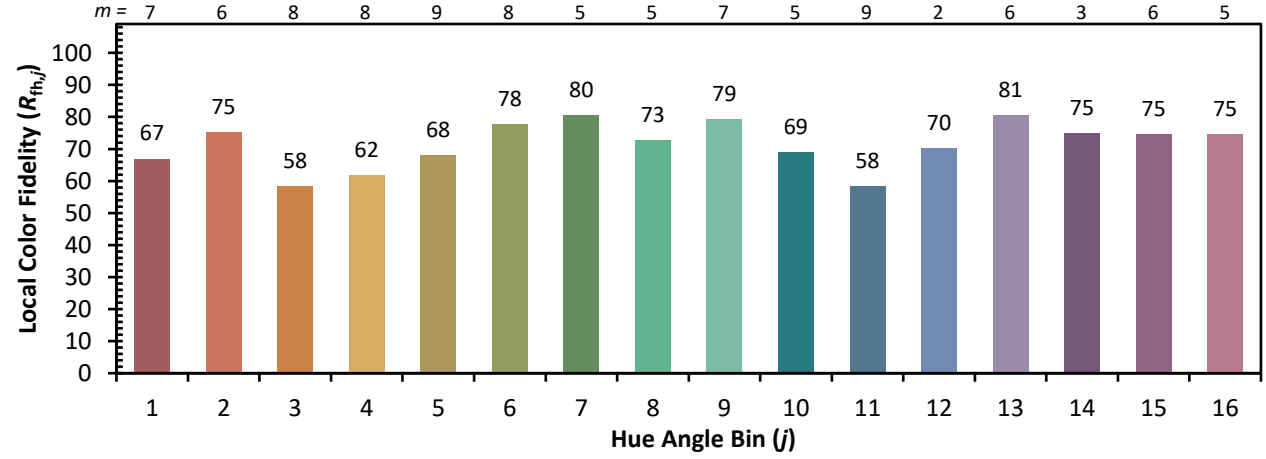
Color Rendition by Hue-Angle Bin







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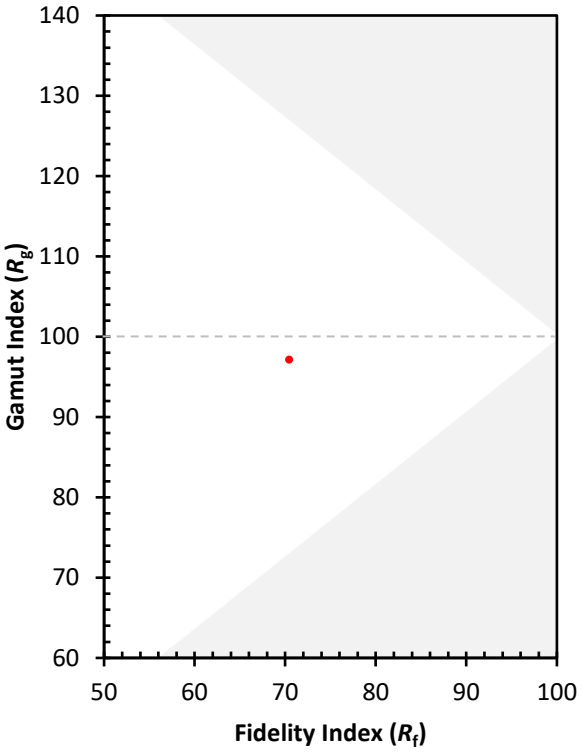
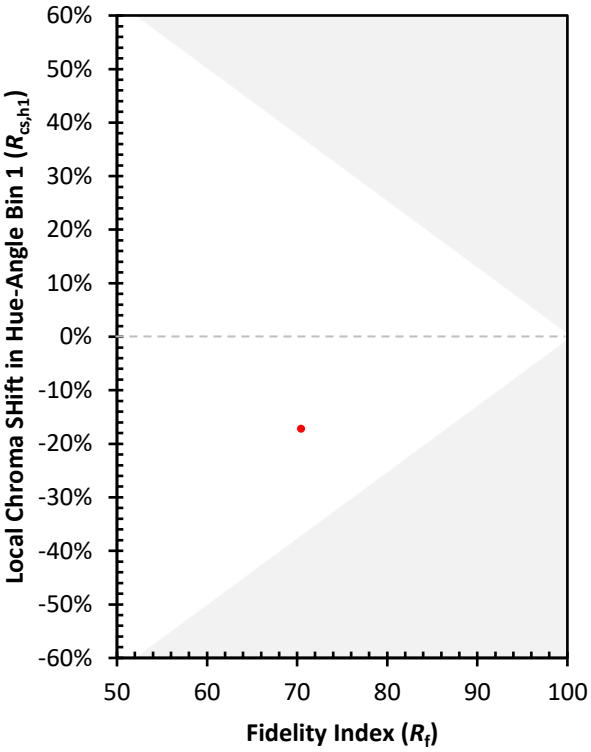
Measure Comparisons





(END OF REPORT)