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: P1066998

Luminaire Tested: **NAV-SA5B-730-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:	P1066998
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA5B-730-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(70) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21123.4 lumens
Efficiency:	N/A
Efficacy:	118.1 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):	178.8
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: P1066998
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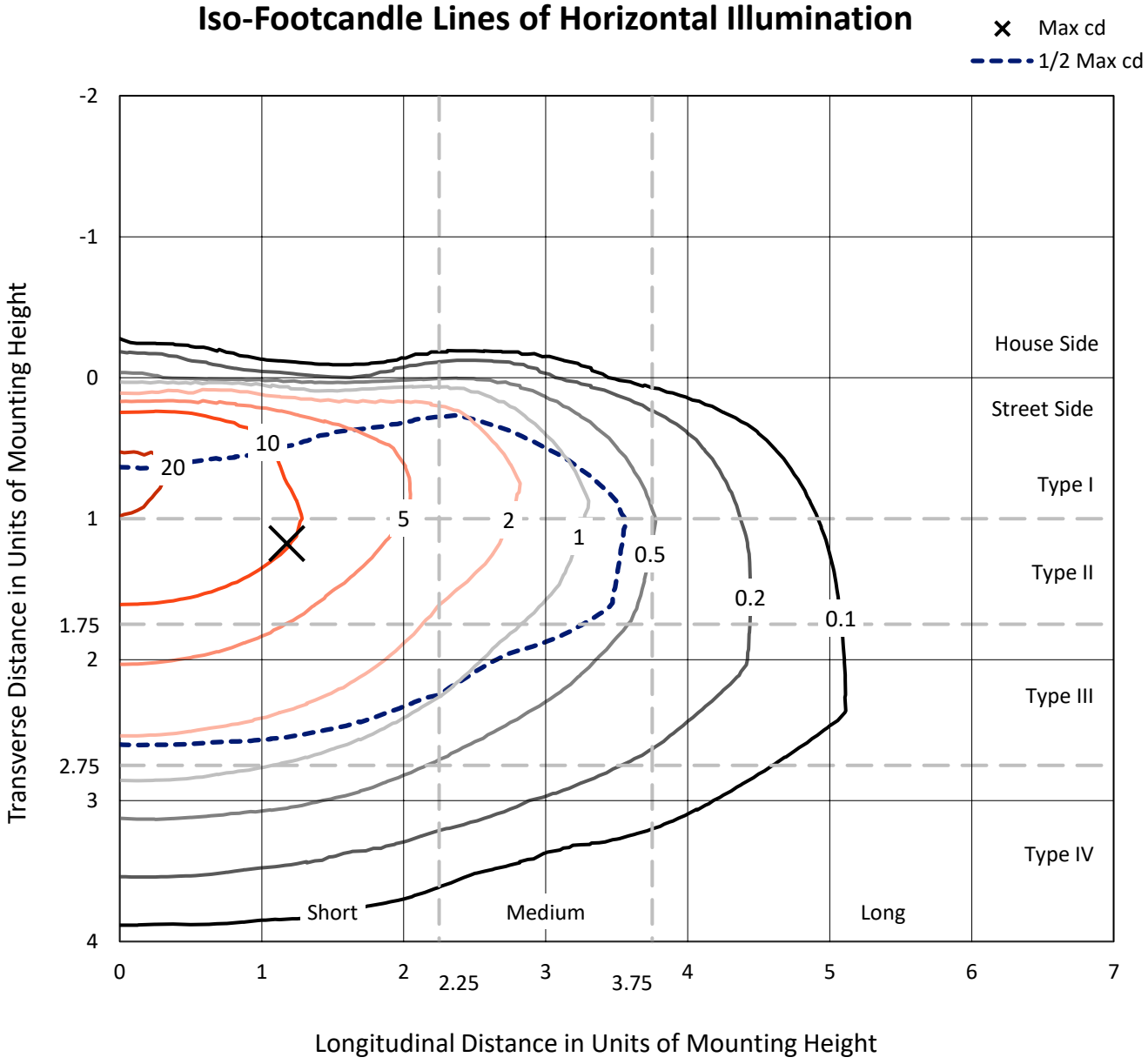
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 23 fc
Type III - Short - N/A

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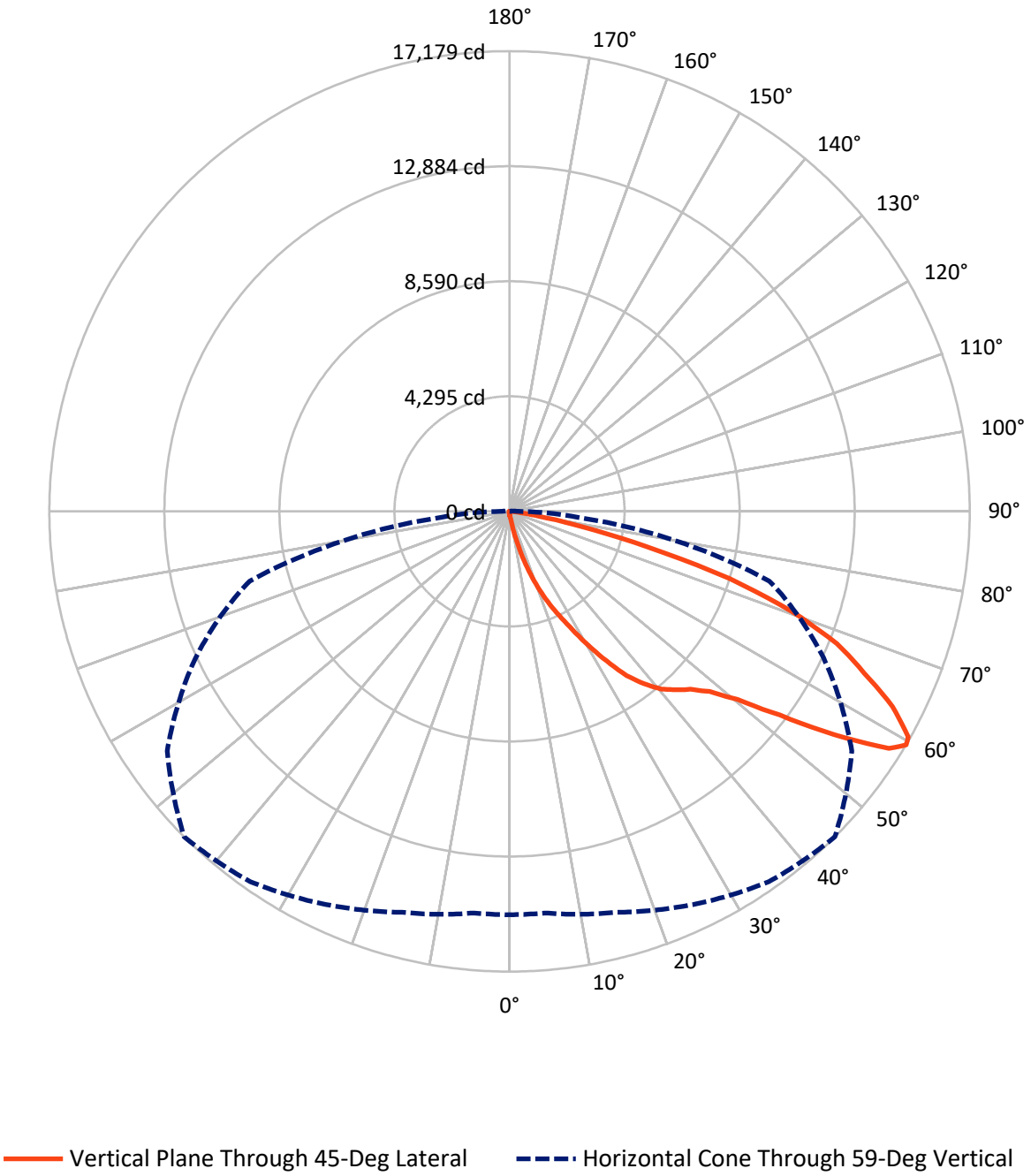
Luminous Intensity Polar Plot



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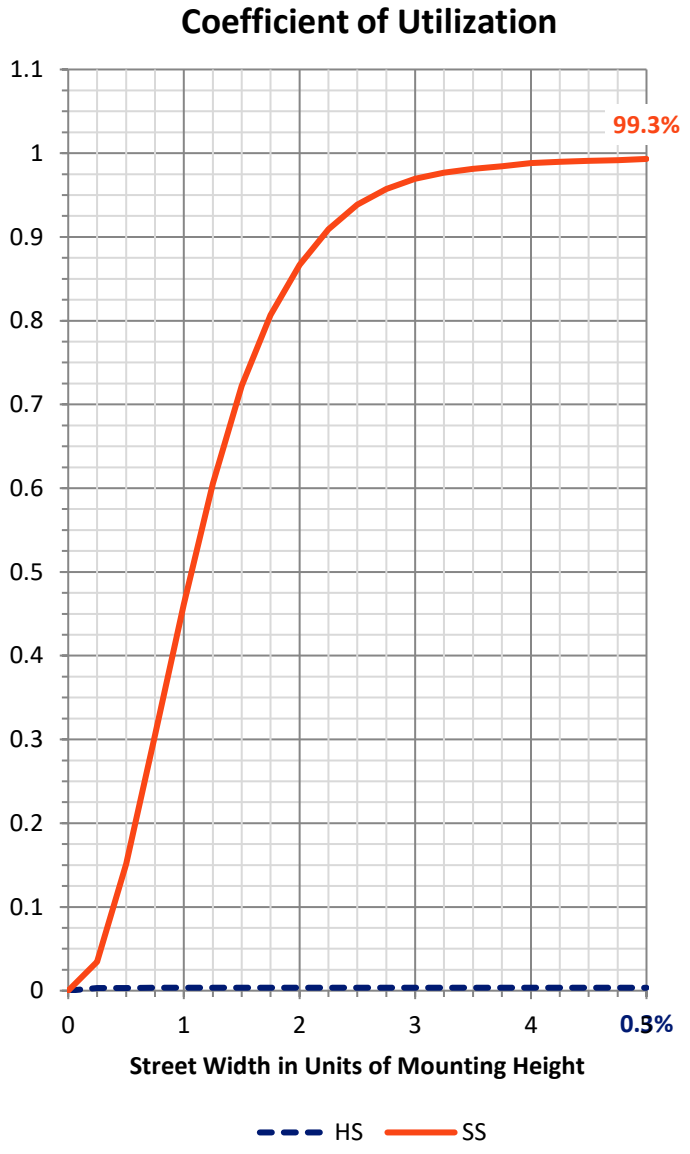
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	75.0	0.0	75.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21048.4	0.0	21048.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	21123.4	0.0	21123.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.6	0.1
10°-20°	233.5	1.1
20°-30°	838.9	4.0
30°-40°	1949.4	9.2
40°-50°	3322.6	15.7
50°-60°	5474.8	25.9
60°-70°	6330.0	30.0
70°-80°	2719.6	12.9
80°-90°	235.0	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°	21123.4	100.0
0°-180°	21123.4	100.0



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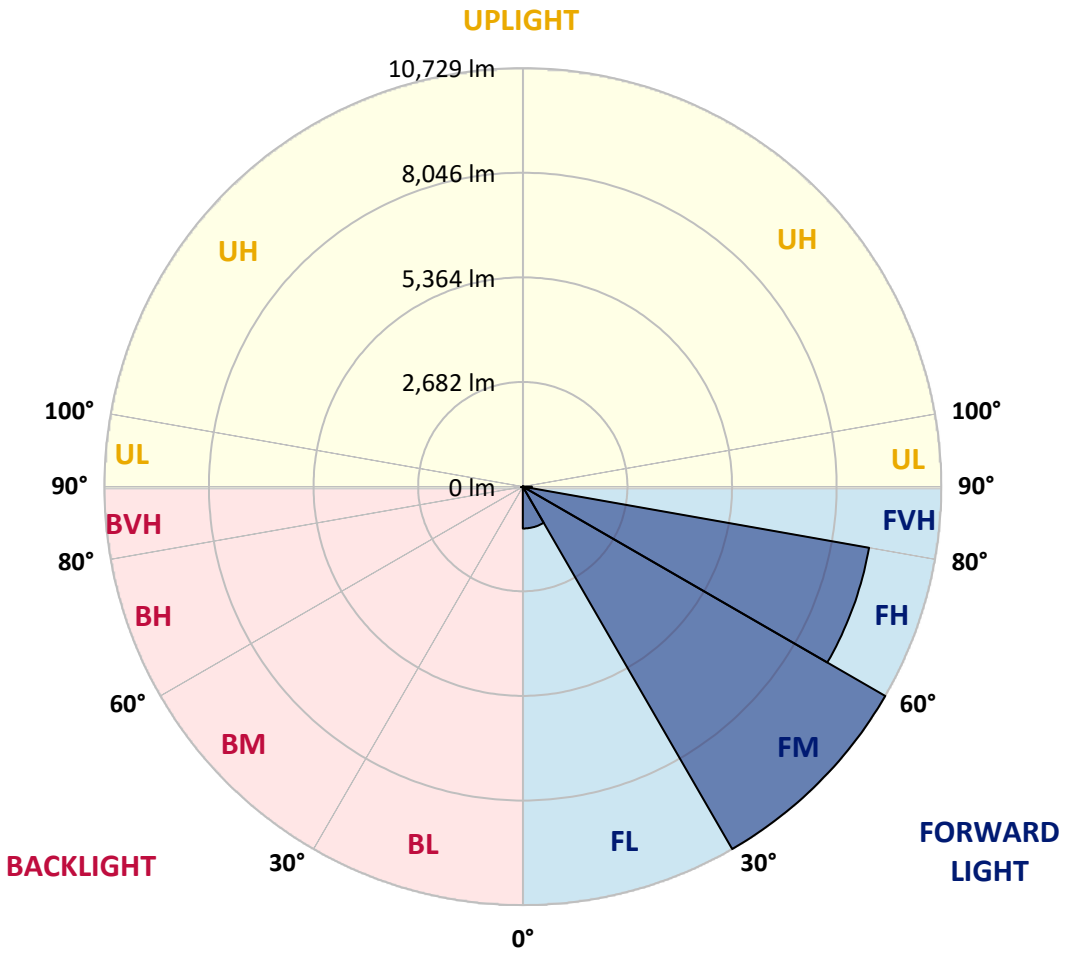
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1073.5	5.1			
FM	(30°-60°)	10728.6	50.8			
FH	(60°-80°)	9014.3	42.7			G4/12000
FVH	(80°-90°)	231.9	1.1			G3/500
BL	(0°-30°)	18.5	0.1	B0/110		
BM	(30°-60°)	18.1	0.1	B0/220		
BH	(60°-80°)	35.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.1	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-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	133.5	133.5	133.5	133.5	133.5	133.5	*133.5*	133.5	133.5	133.5	133.5
2.5°	173.3	173.3	169.0	163.3	161.9	157.7	*157.7*	153.4	147.7	143.5	137.8
5°	251.4	250.0	238.6	224.4	205.9	194.6	*194.6*	179.0	164.8	152.0	140.6
7.5°	549.7	536.9	495.7	427.5	338.0	278.4	*274.1*	223.0	188.9	163.3	142.0
10°	1261.3	1217.2	1159.0	995.7	735.7	514.2	*504.2*	325.3	225.8	176.1	144.9
12.5°	2066.6	2102.1	1985.6	1728.6	1424.6	1059.6	*988.6*	548.3	298.3	193.2	147.7
15°	2799.5	2791.0	2725.6	2515.4	2164.6	1678.8	*1634.8*	953.1	427.5	220.2	150.6
17.5°	3347.8	3337.8	3275.3	3140.4	2870.5	2384.8	*2346.4*	1519.8	670.4	258.5	153.4
20°	3925.8	3913.0	3825.0	3717.0	3481.3	3067.9	*3022.5*	2153.2	1049.6	321.0	153.4
22.5°	4619.0	4594.8	4501.1	4317.8	4069.3	3709.9	*3668.7*	2800.9	1519.8	423.3	160.5
25°	5457.0	5415.8	5286.5	5121.8	4822.1	4344.8	*4300.8*	3522.5	2086.5	578.1	167.6
27.5°	6412.9	6420.0	6245.3	5966.9	5564.9	5077.7	*4995.4*	4168.7	2673.1	799.7	176.1
30°	7547.7	7476.7	7231.0	6907.1	6516.5	5895.8	*5816.3*	4812.1	3332.1	1126.3	190.3
32.5°	8610.1	8533.4	8202.5	7794.8	7375.8	6721.1	*6655.7*	5535.1	3931.5	1512.7	215.9
35°	9522.0	9468.0	9005.0	8507.9	8135.7	7550.5	*7530.7*	6341.8	4636.0	1928.8	244.3
37.5°	10324.5	10226.5	9631.4	9115.8	8738.0	8213.8	*8171.2*	7080.4	5314.9	2411.7	286.9
40°	11009.1	10955.1	10229.3	9551.8	9245.0	8776.3	*8722.3*	7728.1	6016.6	2972.8	339.5
42.5°	11742.0	11671.0	10966.5	10206.6	9641.3	9139.9	*9104.4*	8262.1	6641.5	3589.2	417.6
45°	12570.0	12438.0	11820.1	11138.3	10279.0	9516.3	*9476.5*	8738.0	7282.1	4251.1	512.7
47.5°	13454.9	13339.9	12839.9	12361.3	11372.7	10137.0	*10051.8*	9142.8	7918.4	5015.2	633.5
50°	14355.4	14358.3	13983.3	13753.2	12709.2	11145.4	*11024.7*	9737.9	8587.4	5833.4	812.4
52.5°	15403.6	15430.6	15424.9	15254.5	14444.9	12794.5	*12632.5*	10641.2	9364.3	6787.8	1059.6
55°	15842.5	15890.8	16204.7	16582.5	16362.4	14885.2	*14711.9*	12199.3	10394.1	7851.7	1426.0
57.5°	15483.2	15537.1	15970.3	16632.2	17137.9	16716.0	*16696.1*	14227.6	11750.5	9141.3	2025.4
59°	*15055.6*	*15048.5*	*15493.1*	*16194.8*	*16876.5*	*17150.7*	*17179.1*	*15599.6*	*12932.2*	*10046.1*	*2542.4*
60°	14771.6	14777.3	15072.7	15792.8	16517.2	16993.0	*17103.8*	16407.8	13622.5	10696.6	2985.6
62.5°	13675.1	13740.4	13974.8	14643.7	15331.2	15862.4	*16051.3*	17127.9	15598.2	12233.4	4526.6
65°	12483.4	12487.7	12821.4	13393.8	14052.9	14426.4	*14545.7*	16007.3	16917.7	13798.6	6547.8
67.5°	10357.1	10443.8	10823.0	11750.5	12621.2	13094.2	*13185.1*	13933.6	16370.9	14818.4	7560.5
70°	7248.0	7361.6	7902.8	9105.8	10402.6	11179.5	*11173.8*	11582.9	14408.0	14363.9	6410.0
72.5°	3619.0	3815.0	4256.8	5545.0	7115.9	8336.0	*8593.1*	9317.5	11574.4	11930.9	4782.3
75°	1599.3	1610.7	1862.1	2511.2	3536.7	5086.3	*5316.3*	7395.7	8880.0	8292.0	3454.3
77.5°	930.3	938.8	984.3	1127.8	1433.1	2492.7	*2751.2*	4850.5	6275.1	4819.2	2252.7
80°	338.0	346.6	345.1	427.5	627.8	981.5	*1093.7*	2350.7	4185.8	2538.2	1180.3
82.5°	207.4	207.4	200.3	201.7	228.7	376.4	*411.9*	1001.3	2038.2	1249.9	338.0
85°	102.3	107.9	115.0	129.3	153.4	186.1	*197.4*	286.9	686.0	302.5	81.0
87.5°	61.1	62.5	68.2	82.4	102.3	133.5	*142.0*	194.6	245.7	203.1	19.9
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-SA5B-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5
2.5°	134.9	133.5	126.4	120.7	115.0	109.4	105.1	100.8	100.8	102.3	100.8
5°	134.9	129.3	117.9	107.9	99.4	92.3	85.2	79.5	78.1	78.1	79.5
7.5°	133.5	126.4	110.8	98.0	86.6	76.7	69.6	62.5	61.1	62.5	61.1
10°	132.1	123.6	105.1	89.5	73.9	63.9	54.0	46.9	46.9	46.9	48.3
12.5°	132.1	119.3	99.4	81.0	63.9	52.6	42.6	35.5	34.1	34.1	34.1
15°	130.7	116.5	93.7	71.0	54.0	39.8	31.2	24.1	24.1	24.1	24.1
17.5°	127.8	112.2	86.6	62.5	42.6	29.8	21.3	14.2	14.2	17.0	17.0
20°	125.0	107.9	78.1	51.1	35.5	22.7	14.2	8.5	8.5	12.8	14.2
22.5°	126.4	107.9	72.4	45.5	28.4	17.0	11.4	7.1	5.7	9.9	12.8
25°	127.8	105.1	65.3	39.8	21.3	12.8	8.5	2.8	1.4	2.8	4.3
27.5°	127.8	102.3	56.8	31.2	15.6	9.9	4.3	0.0	0.0	0.0	0.0
30°	126.4	98.0	49.7	25.6	11.4	5.7	1.4	0.0	0.0	0.0	0.0
32.5°	125.0	93.7	45.5	19.9	9.9	2.8	0.0	0.0	0.0	0.0	0.0
35°	126.4	88.1	39.8	15.6	5.7	0.0	0.0	0.0	0.0	0.0	2.8
37.5°	130.7	82.4	34.1	12.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	136.4	78.1	28.4	9.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	147.7	78.1	25.6	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	161.9	78.1	21.3	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	180.4	79.5	18.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	203.1	82.4	17.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	220.2	79.5	15.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	250.0	76.7	14.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	289.8	72.4	14.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*329.5*	*66.8*	*14.2*	*1.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	375.0	63.9	12.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	619.3	56.8	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1195.9	54.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1933.1	54.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2032.5	54.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1352.2	44.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	724.4	39.8	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	390.6	36.9	5.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	171.9	27.0	7.1	4.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	68.2	18.5	8.5	7.1	5.7	2.8	0.0	0.0	0.0	0.0	0.0
85°	32.7	14.2	11.4	9.9	7.1	4.3	0.0	0.0	0.0	0.0	0.0
87.5°	15.6	14.2	12.8	11.4	9.9	7.1	1.4	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

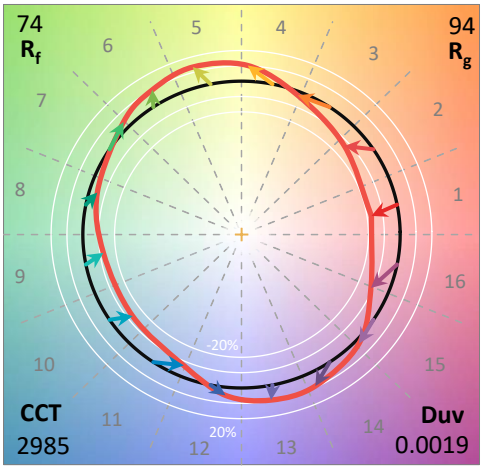
Test Information

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

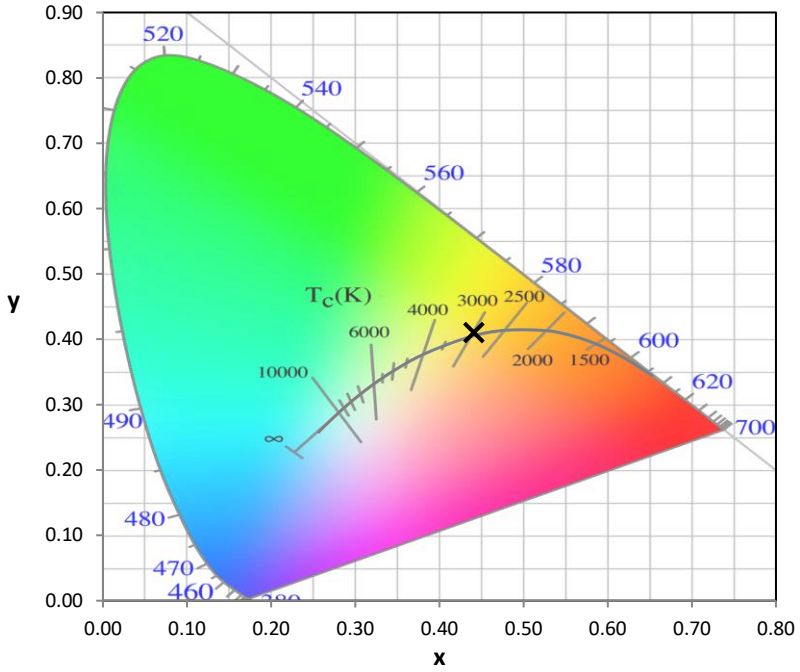
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

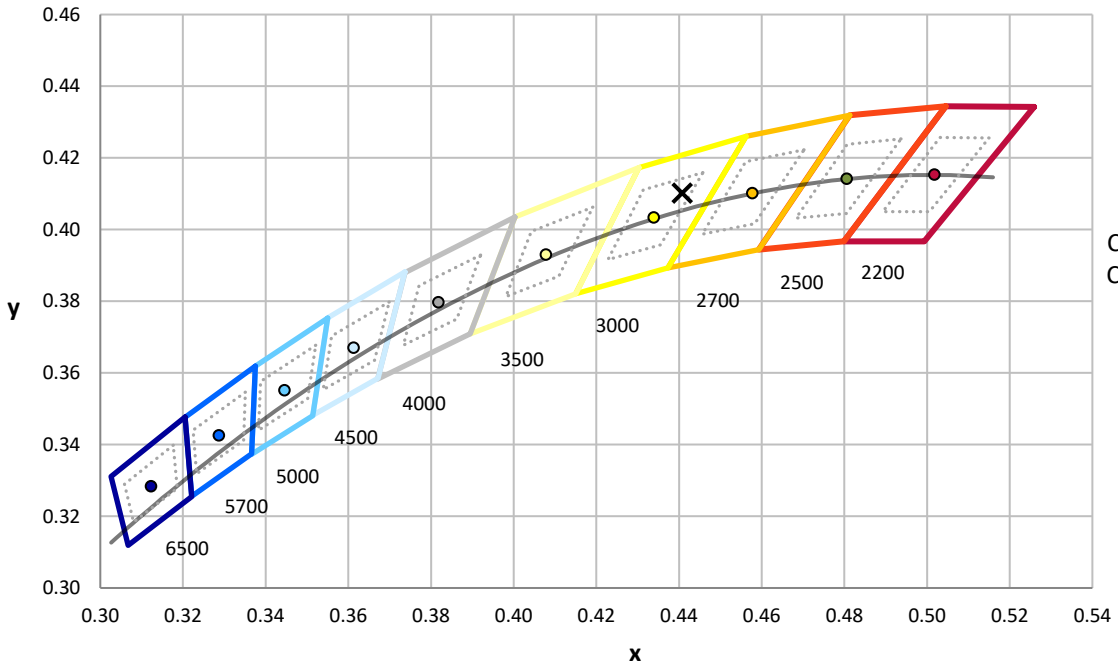
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

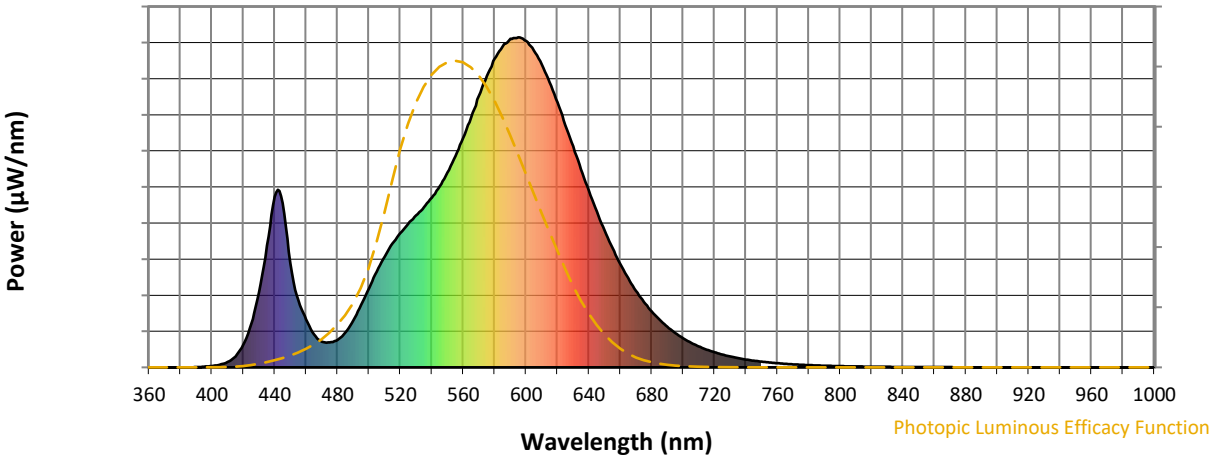


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

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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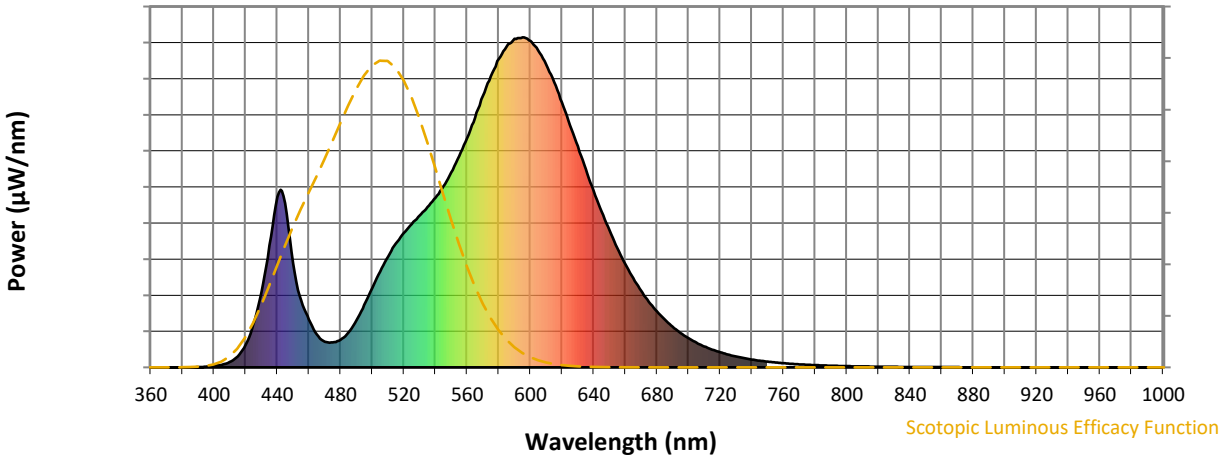
Scotopic Flux vs. Wavelength



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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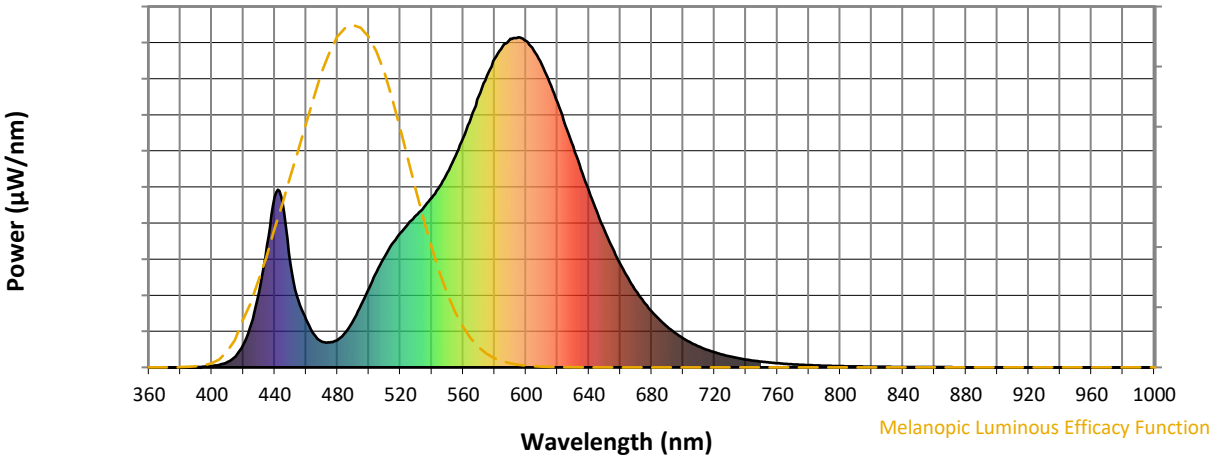
Melanopic Flux vs. Wavelength



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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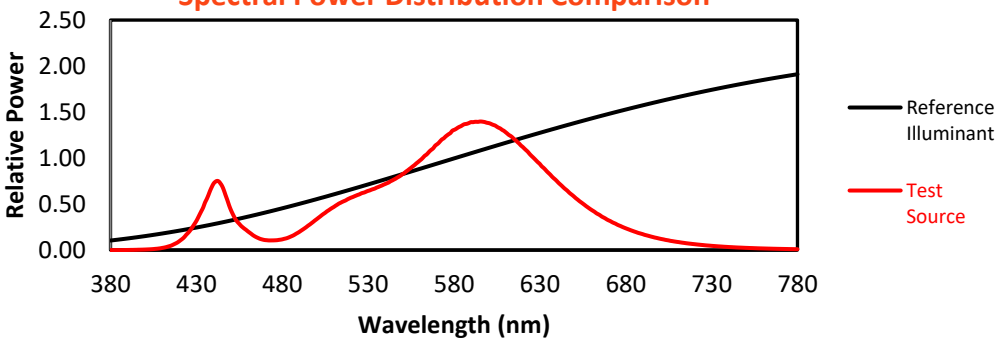
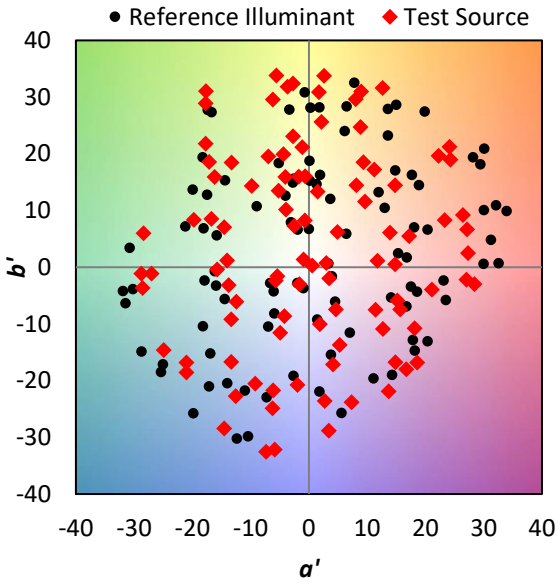
Summary

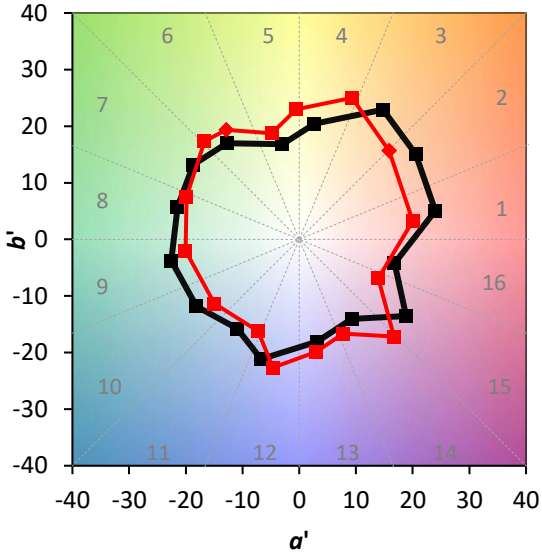
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

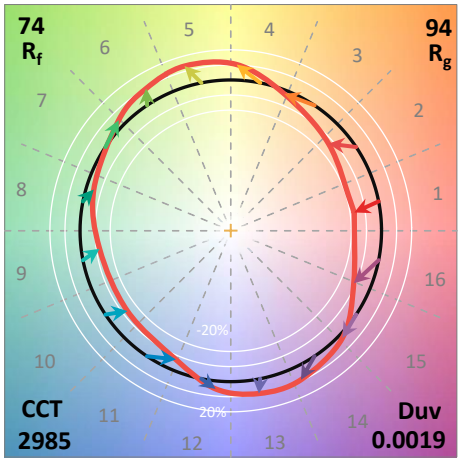
Spectral Power Distribution Comparison

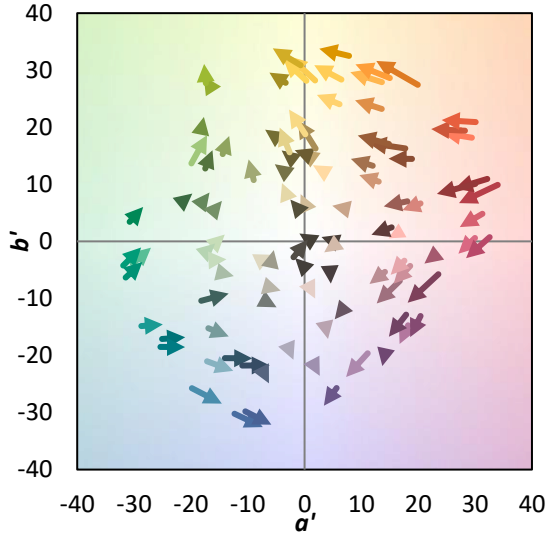


Color Vector Graphics









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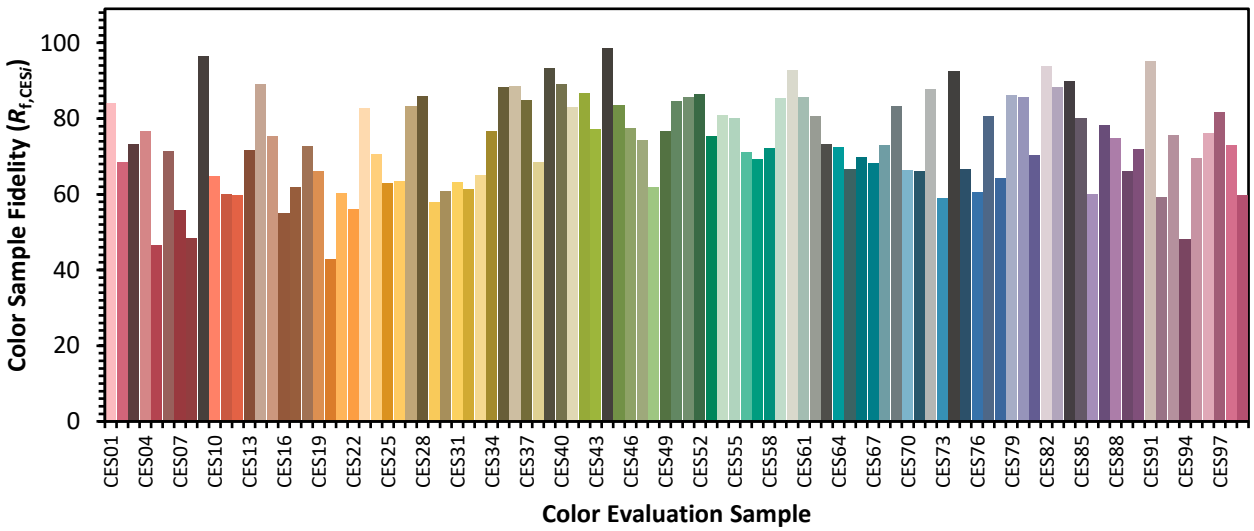
Individual Sample Fidelity Index ($R_{f,i}$)

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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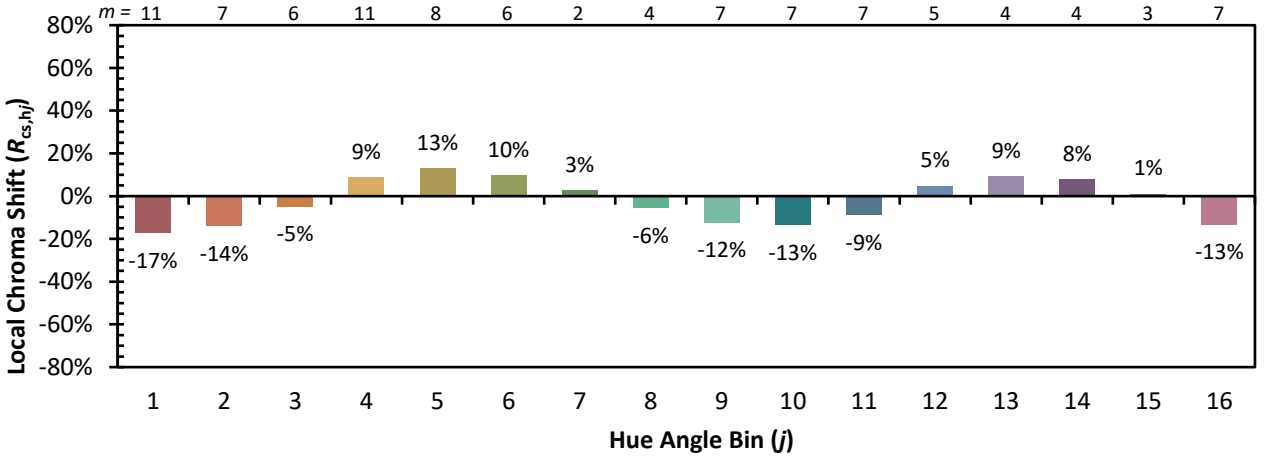
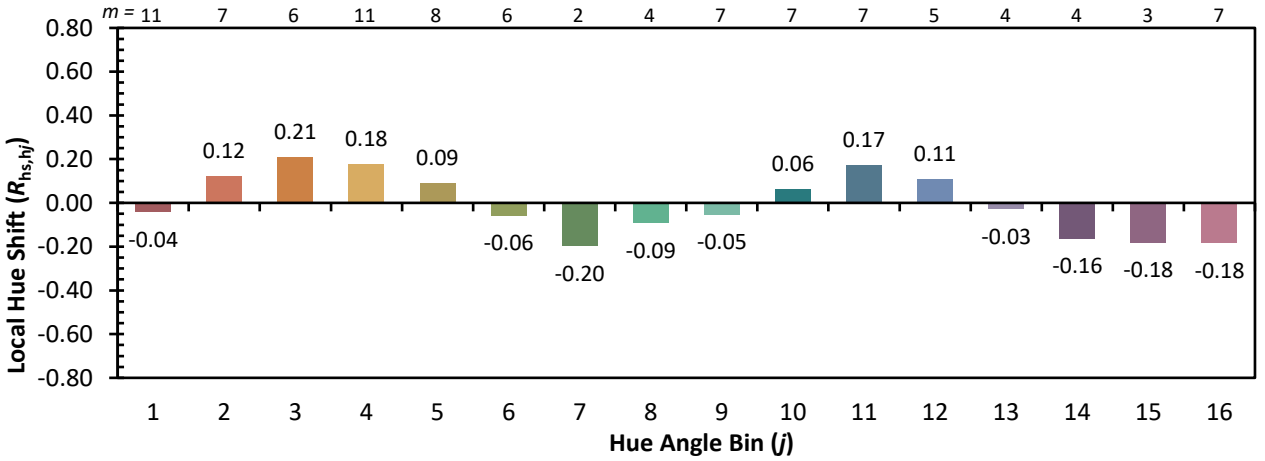
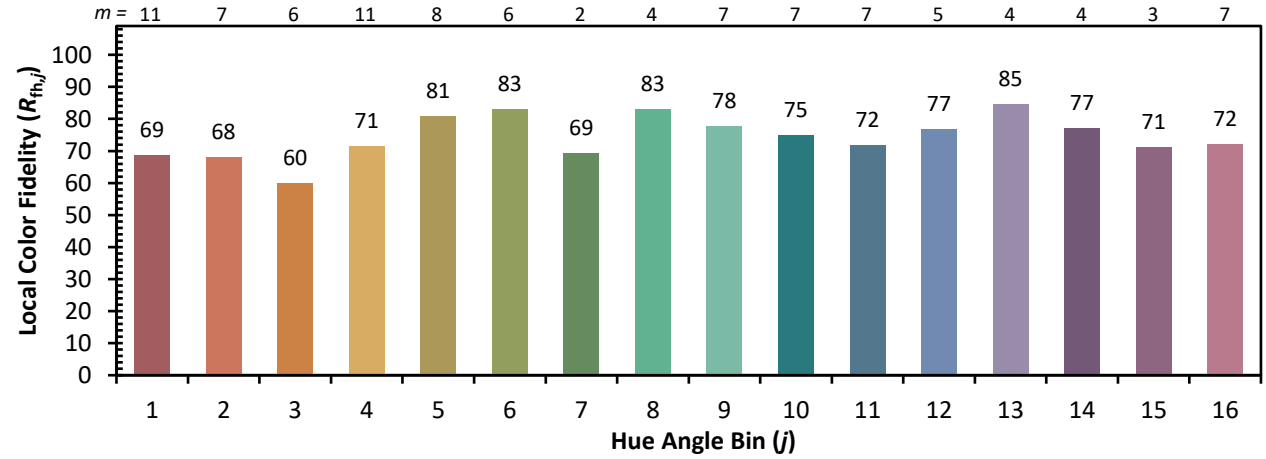
Color Rendition by Hue-Angle Bin







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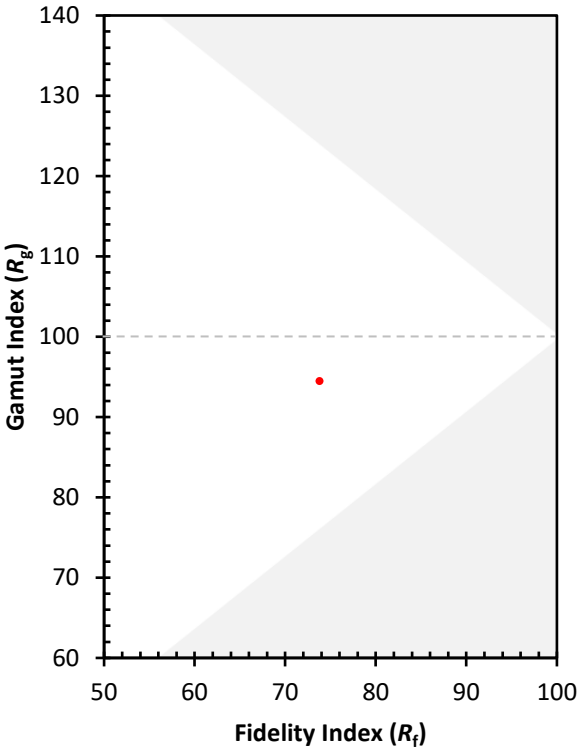
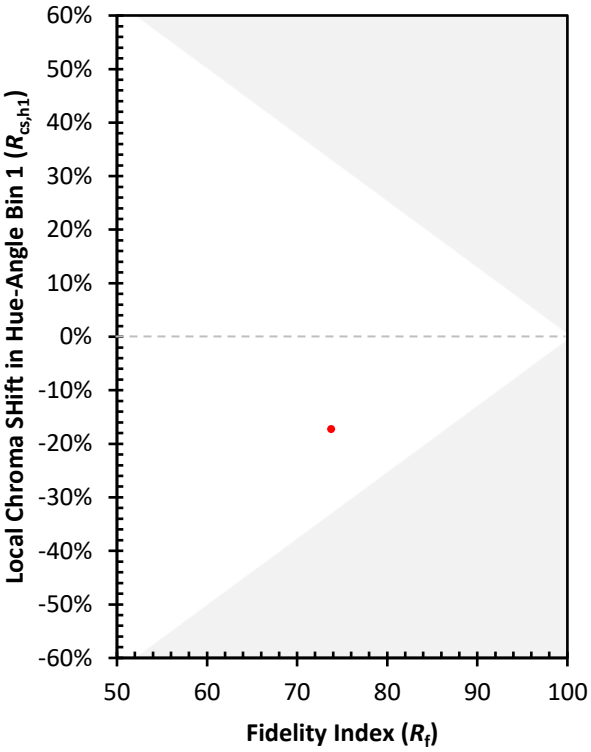
Measure Comparisons





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