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: P1067456

Luminaire Tested: **NAV-SA5D-727-U-T4BC**

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:	P1067456
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA5D-727-U-T4BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1200mA 5xLight Square PACKAGE 70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(70) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25401.9 lumens
Efficiency:	N/A
Efficacy:	94.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	269.7
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: P1067456
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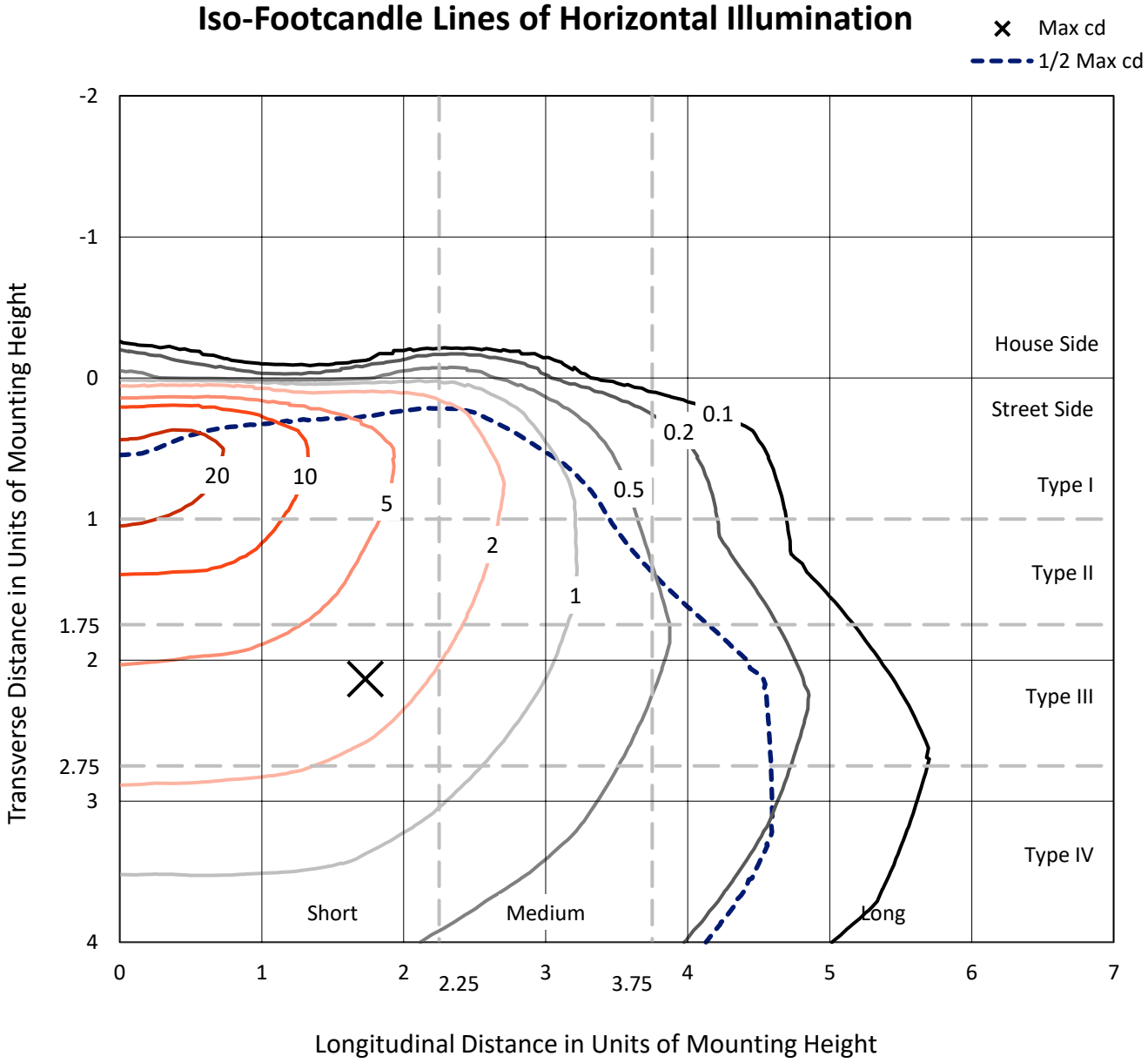
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 27.7 fc
Type IV - Short - N/A

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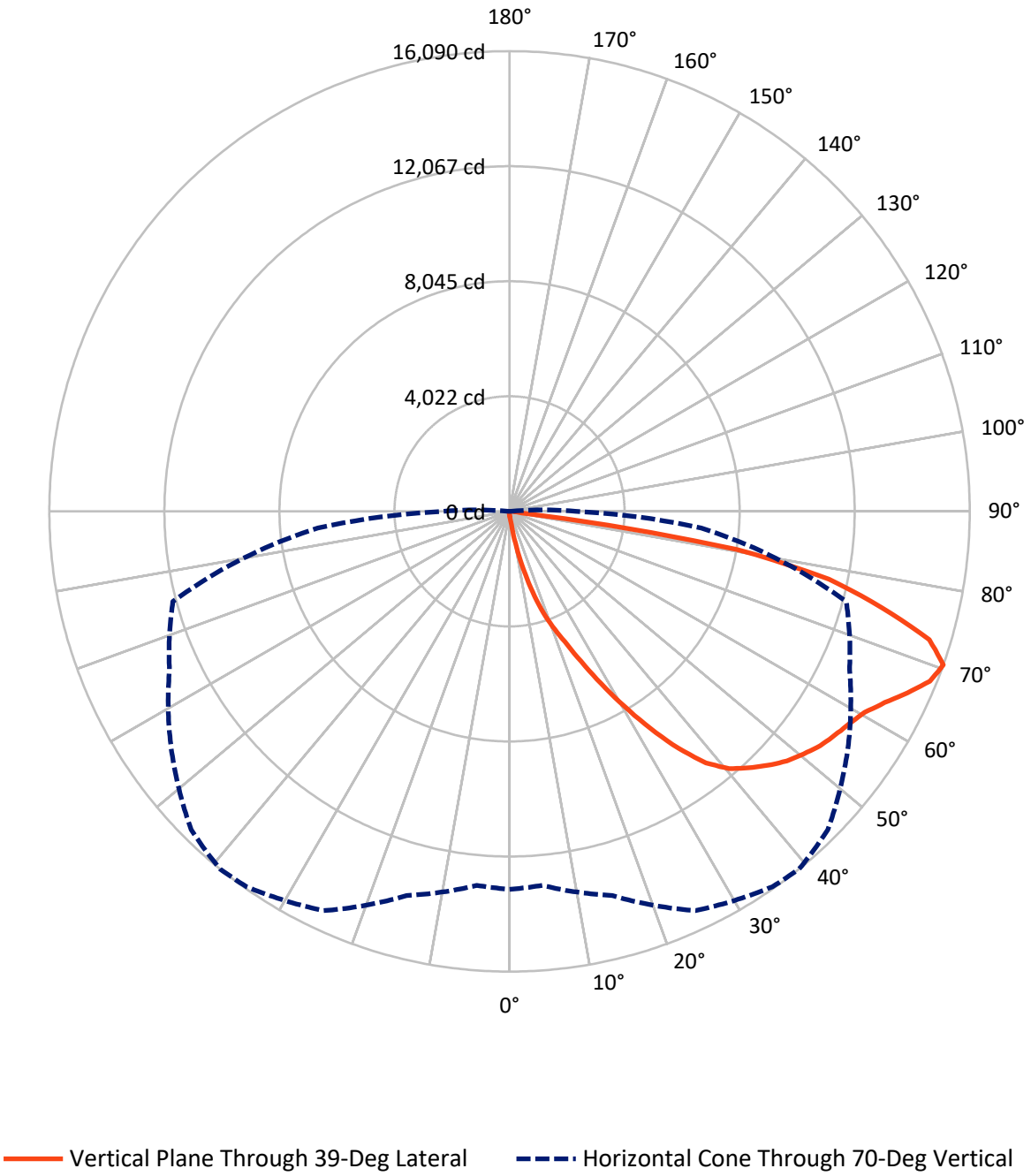
Luminous Intensity Polar Plot



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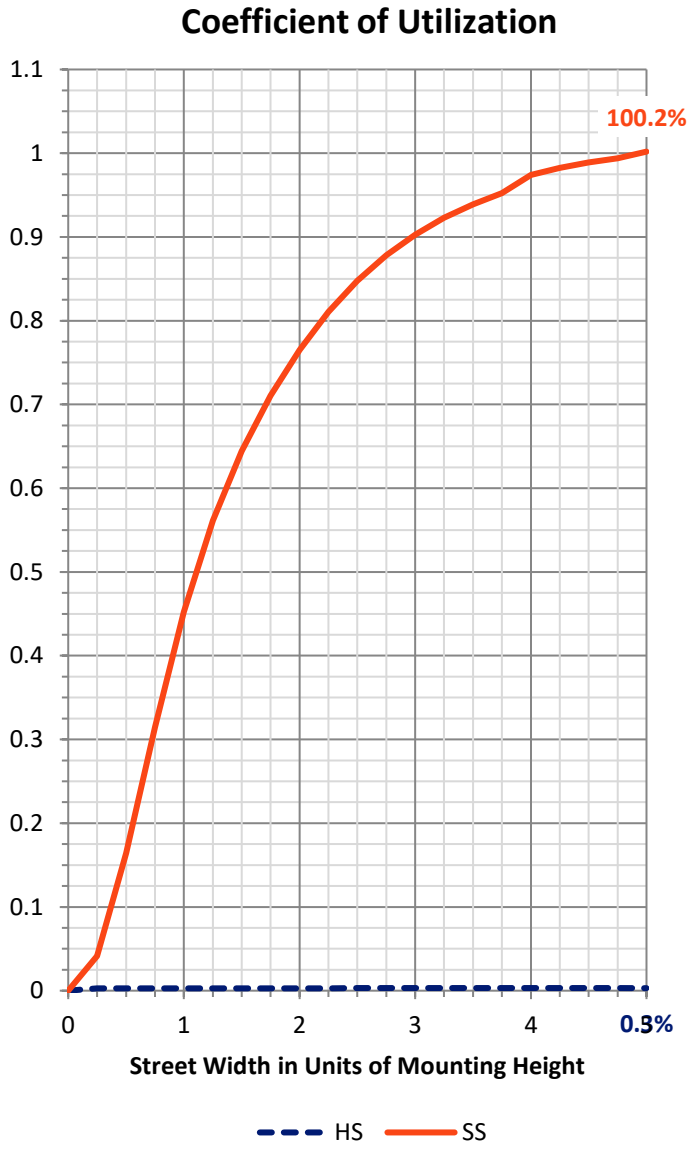
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	78.2	0.0	78.2
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	25323.6	0.0	25323.6
	% Fixture	99.7	0.0	99.7
Total	Lumens	25401.9	0.0	25401.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	0.1
10°-20°	312.3	1.2
20°-30°	1059.7	4.2
30°-40°	2490.6	9.8
40°-50°	4044.2	15.9
50°-60°	5124.8	20.2
60°-70°	6509.8	25.6
70°-80°	5289.2	20.8
80°-90°	544.6	2.1
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°	25401.9	100.0
0°-180°	25401.9	100.0



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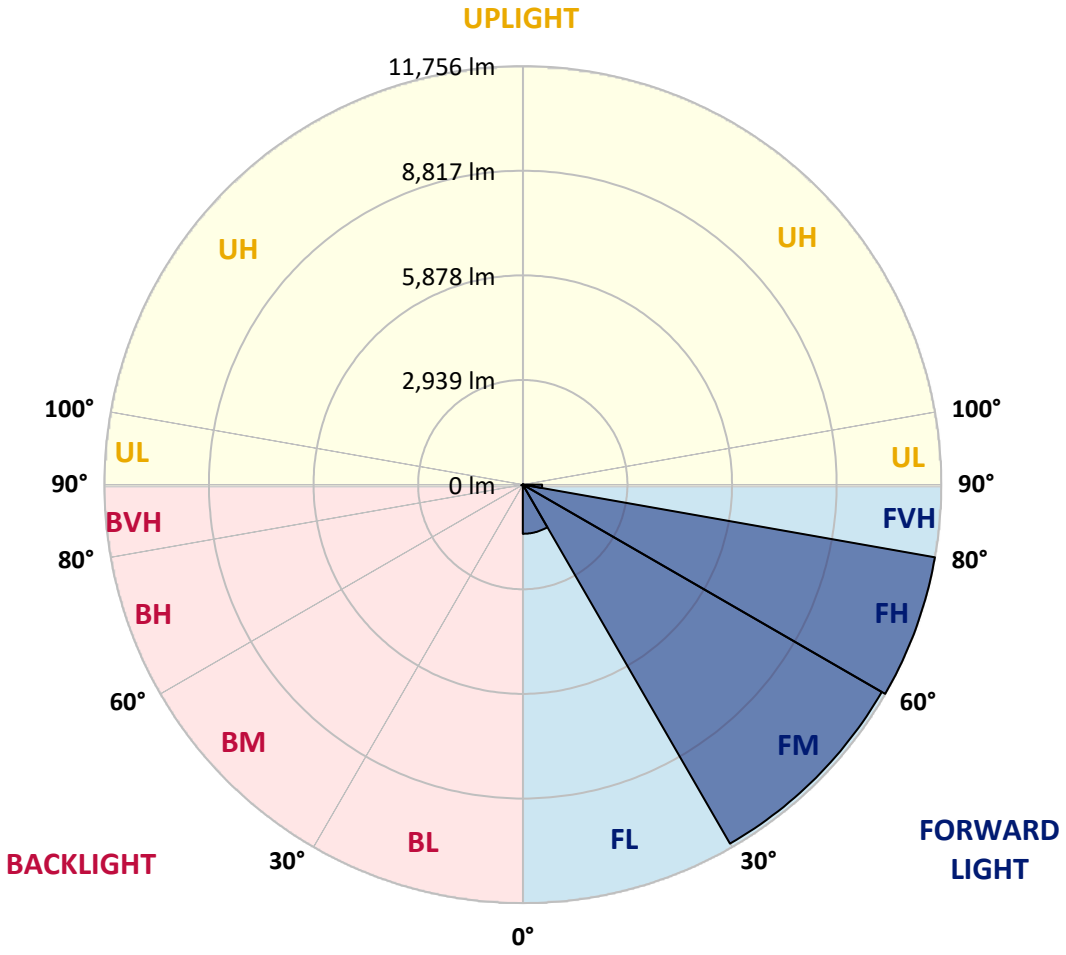
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1381.8	5.4			
FM	(30°-60°)	11644.5	45.8			
FH	(60°-80°)	11756.0	46.3			G4/12000
FVH	(80°-90°)	541.3	2.1			G4/750
BL	(0°-30°)	16.9	0.1	B0/110		
BM	(30°-60°)	15.0	0.1	B0/220		
BH	(60°-80°)	43.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9
2.5°	179.3	179.3	179.3	172.4	172.4	165.5	165.5	158.6	151.7	151.7	144.8
5°	337.9	344.8	324.1	282.8	255.2	241.4	227.6	193.1	172.4	158.6	144.8
7.5°	924.1	896.5	855.2	717.2	551.7	469.0	400.0	282.8	206.9	165.5	144.8
10°	1944.8	1869.0	1751.7	1565.5	1241.4	1110.3	862.1	517.2	289.7	186.2	144.8
12.5°	2855.2	2869.0	2724.1	2544.8	2151.7	1931.0	1593.1	972.4	455.2	220.7	144.8
15°	3544.8	3531.0	3475.8	3331.0	2979.3	2765.5	2462.1	1634.5	765.5	275.9	151.7
17.5°	4089.6	4034.5	4013.8	3951.7	3724.1	3606.9	3275.8	2406.9	1213.8	372.4	158.6
20°	4634.5	4620.7	4600.0	4531.0	4379.3	4296.5	4041.4	3186.2	1806.9	531.0	172.4
22.5°	5427.6	5351.7	5365.5	5213.8	5089.6	4944.8	4737.9	4013.8	2489.6	758.6	193.1
25°	6358.6	6351.7	6241.4	6172.4	5965.5	5806.9	5531.0	4813.8	3248.3	1096.5	213.8
27.5°	7455.1	7379.3	7331.0	7213.8	7000.0	6820.7	6441.3	5606.9	4068.9	1475.9	241.4
30°	8600.0	8600.0	8510.3	8331.0	8124.1	7903.4	7517.2	6441.3	4882.7	1958.6	275.9
32.5°	9937.9	9965.5	9744.8	9475.8	9206.9	9055.1	8551.7	7386.2	5662.0	2510.3	317.2
35°	11234.4	11199.9	10834.4	10537.9	10337.9	10172.4	9744.8	8420.7	6544.8	3151.7	372.4
37.5°	12475.8	12386.2	11779.3	11358.6	11268.9	11158.6	10731.0	9455.1	7420.7	3862.1	441.4
40°	13365.5	13227.5	12599.9	12020.6	11889.6	11827.5	11496.5	10393.1	8344.8	4655.2	531.0
42.5°	13751.7	13593.0	13158.6	12689.6	12399.9	12255.1	11965.5	11158.6	9268.9	5537.9	662.1
45°	13827.5	13703.4	13393.0	13282.7	12889.6	12668.9	12275.8	11703.4	10131.0	6413.8	841.4
47.5°	13551.7	13496.5	13310.3	13544.8	13344.8	13041.3	12565.5	12110.3	10896.5	7475.8	1089.7
50°	12875.8	12834.4	12924.1	13537.9	13675.8	13331.0	12882.7	12427.5	11558.6	8572.4	1441.4
52.5°	11965.5	11958.6	12379.3	13358.6	13820.6	13606.8	13193.0	12744.8	12082.7	9634.4	1937.9
55°	10972.4	11089.6	11827.5	13193.0	13903.4	13806.8	13496.5	13027.5	12551.7	10620.6	2737.9
57.5°	10889.6	10841.3	11551.7	13124.1	13951.7	14006.8	13799.9	13324.1	12951.7	11427.5	3806.9
60°	11717.2	11606.8	11875.8	13268.9	14165.5	14262.0	14103.4	13551.7	13351.7	12062.0	5213.8
62.5°	12675.8	12572.4	12710.3	13827.5	14586.1	14724.1	14524.1	13786.1	13675.8	12503.4	6724.1
65°	13441.3	13358.6	13620.6	14662.0	15172.3	15289.6	15151.7	14220.6	13820.6	12862.0	7951.7
67.5°	13565.5	13462.0	14006.8	15220.6	15765.4	15848.2	15737.9	14641.3	13772.4	12889.6	8234.4
70°	13213.7	13124.1	13903.4	15399.9	16020.6	16089.6	15737.9	14441.3	13117.2	12186.2	6731.0
72.5°	12131.0	12199.9	13206.8	14965.4	15668.9	15351.7	14606.8	13434.4	12268.9	10331.0	4724.1
75°	10448.2	10524.1	11862.0	13772.4	13827.5	13441.3	13041.3	12358.6	10979.3	6806.9	3275.8
77.5°	7427.6	7158.6	9158.6	11372.4	11172.4	11420.6	11455.1	10282.7	9193.1	3544.8	2193.1
80°	731.0	620.7	1151.7	3262.1	7206.9	8055.1	8386.2	7924.1	6779.3	1586.2	1151.7
82.5°	158.6	158.6	172.4	186.2	289.7	434.5	1993.1	4882.7	4379.3	806.9	372.4
85°	89.7	89.7	110.3	131.0	172.4	193.1	227.6	303.4	1179.3	289.7	69.0
87.5°	69.0	75.9	89.7	110.3	144.8	158.6	193.1	241.4	296.6	269.0	20.7
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9	137.9
2.5°	144.8	137.9	131.0	124.1	117.2	117.2	110.3	110.3	110.3	110.3	110.3
5°	137.9	131.0	124.1	110.3	103.4	96.6	89.7	89.7	89.7	89.7	89.7
7.5°	137.9	131.0	117.2	103.4	89.7	82.8	75.9	69.0	69.0	75.9	75.9
10°	137.9	124.1	103.4	89.7	75.9	69.0	62.1	55.2	55.2	55.2	55.2
12.5°	131.0	117.2	96.6	82.8	69.0	55.2	41.4	34.5	34.5	34.5	34.5
15°	124.1	110.3	89.7	69.0	48.3	34.5	27.6	20.7	20.7	20.7	20.7
17.5°	124.1	103.4	82.8	62.1	34.5	20.7	13.8	6.9	6.9	6.9	13.8
20°	124.1	103.4	75.9	48.3	20.7	13.8	13.8	6.9	0.0	6.9	6.9
22.5°	124.1	96.6	62.1	34.5	20.7	13.8	6.9	0.0	0.0	0.0	0.0
25°	131.0	96.6	55.2	27.6	13.8	6.9	0.0	0.0	0.0	0.0	0.0
27.5°	131.0	89.7	48.3	20.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0
30°	137.9	89.7	41.4	13.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	137.9	82.8	27.6	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	137.9	75.9	20.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	137.9	69.0	20.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	144.8	62.1	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	151.7	55.2	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	158.6	48.3	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	179.3	48.3	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	206.9	48.3	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	248.3	48.3	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	324.1	41.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	469.0	41.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	786.2	41.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1379.3	41.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2331.0	41.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3041.4	48.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	*2310.3*	*41.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1103.4	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	489.7	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	213.8	20.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	82.8	13.8	6.9	6.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0
82.5°	34.5	13.8	6.9	6.9	6.9	6.9	6.9	0.0	0.0	0.0	0.0
85°	20.7	13.8	13.8	13.8	6.9	6.9	6.9	0.0	0.0	0.0	0.0
87.5°	13.8	13.8	13.8	13.8	13.8	6.9	6.9	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: SP1-2407-184-3

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

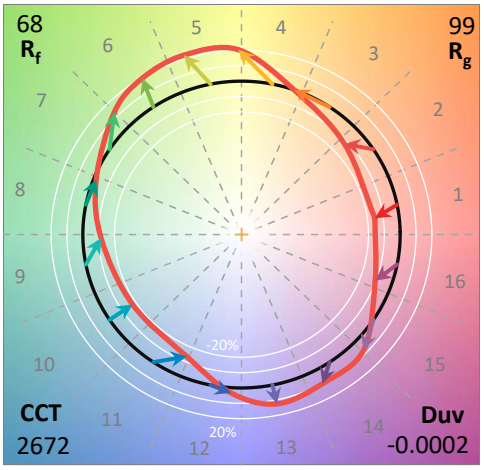
Test Information

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

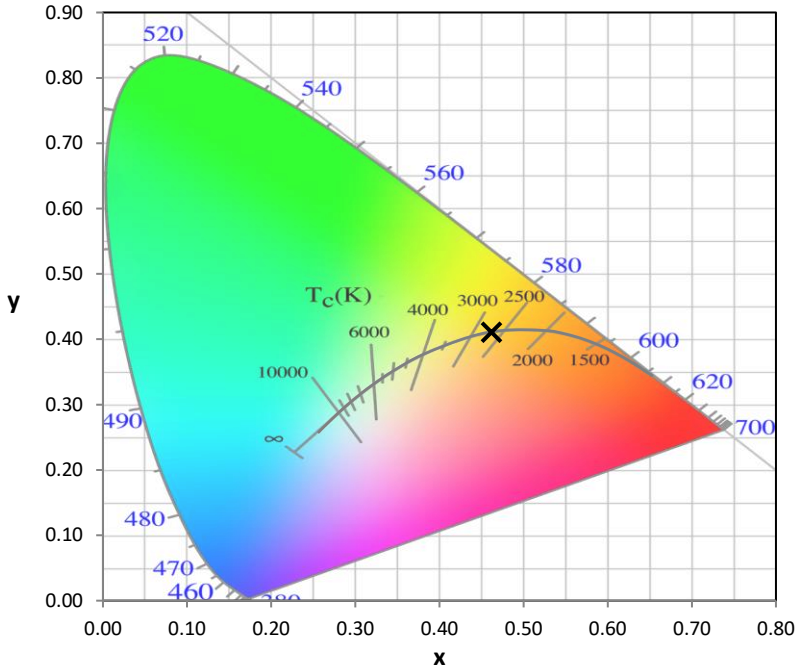
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

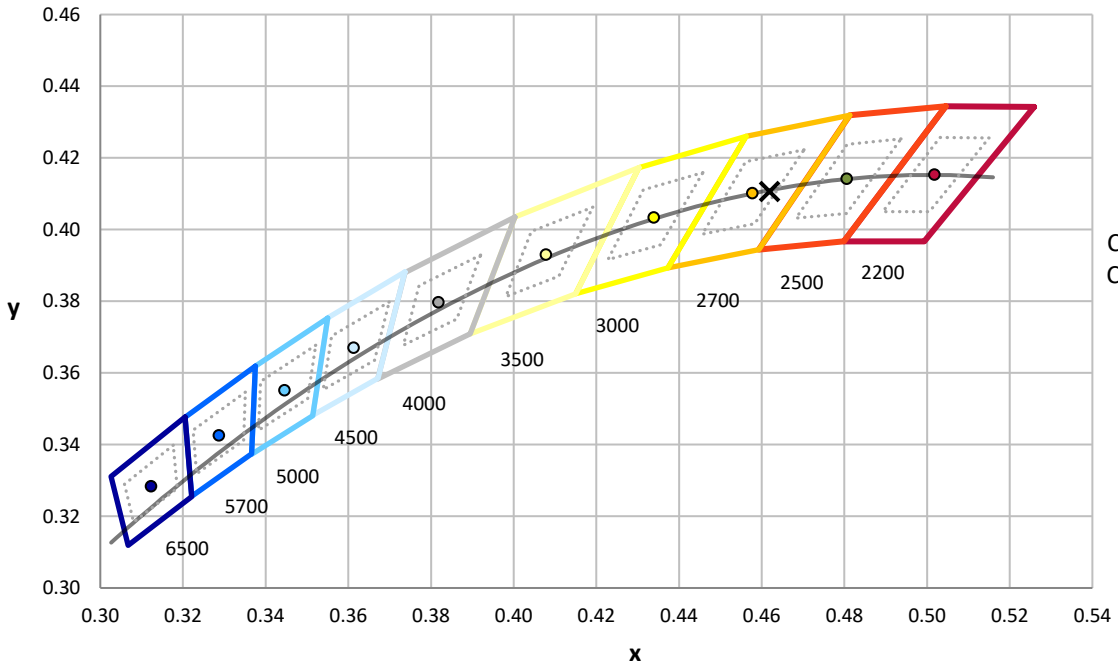
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

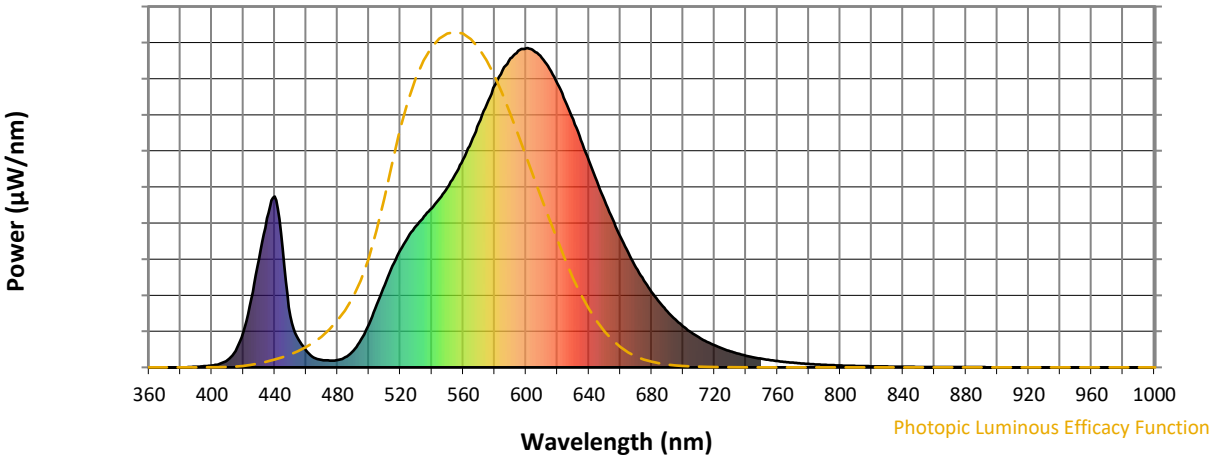


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

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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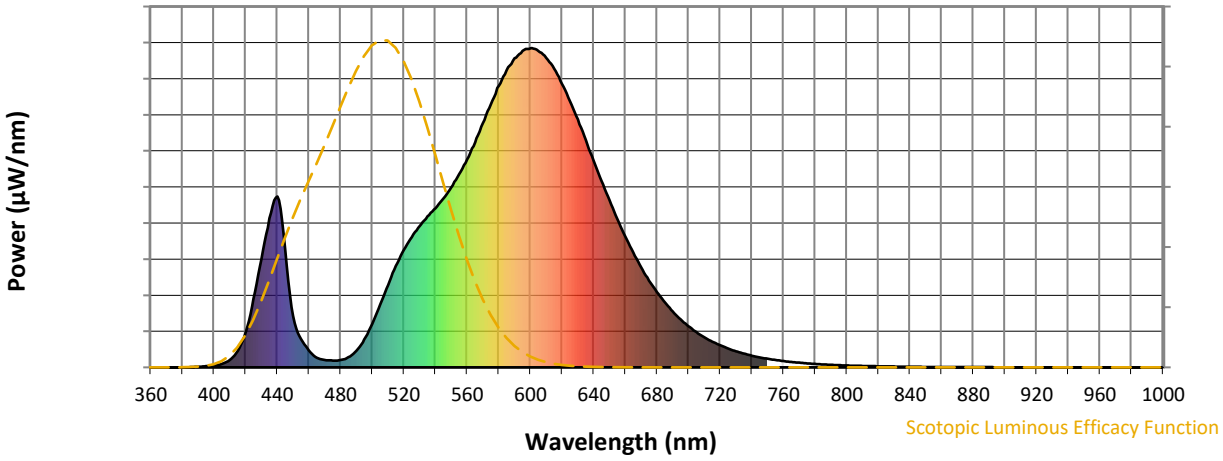
Scotopic Flux vs. Wavelength



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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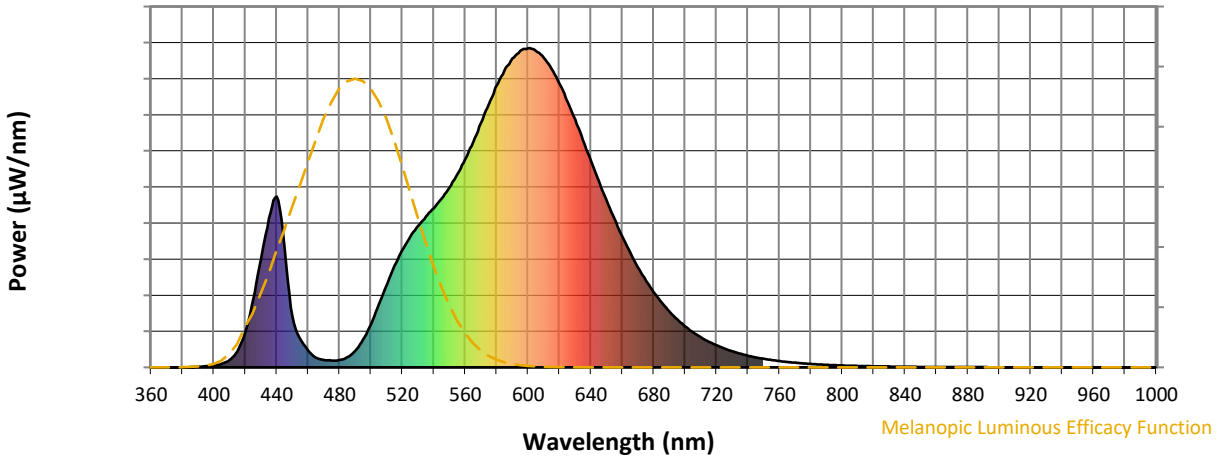
Melanopic Flux vs. Wavelength



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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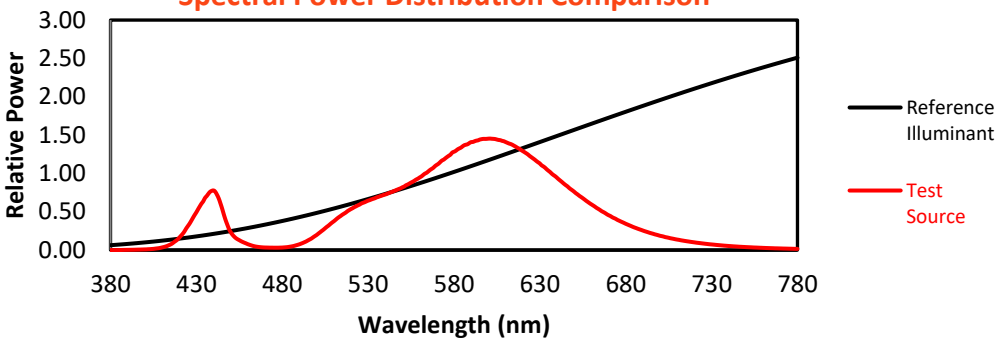
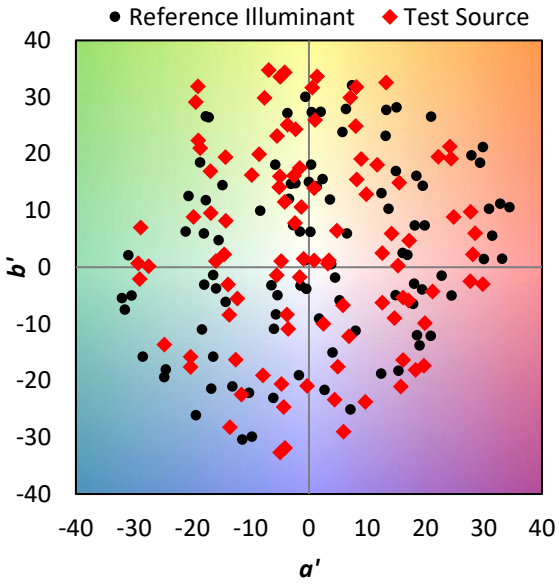
Summary

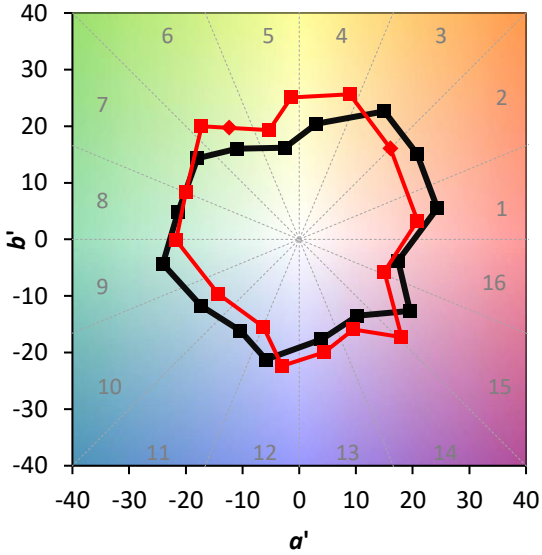
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

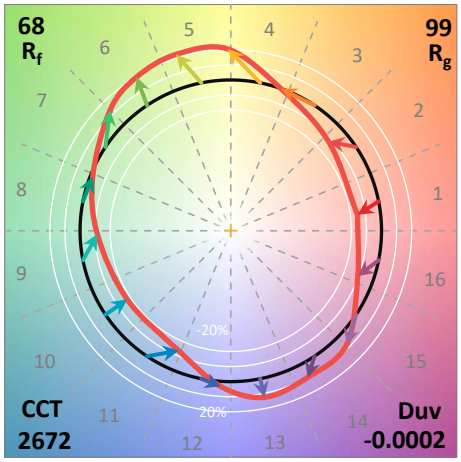
Spectral Power Distribution Comparison

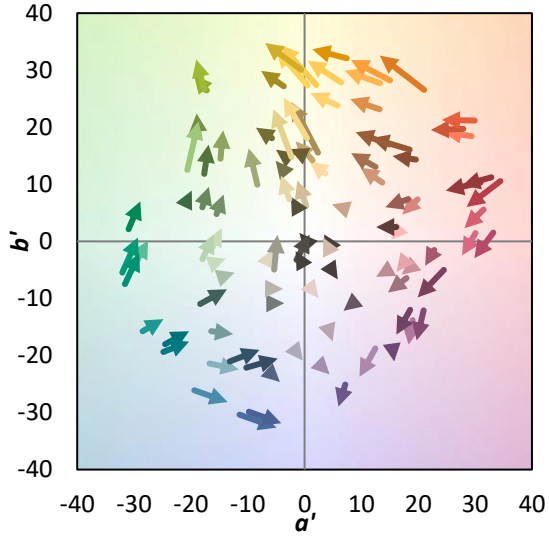


Color Vector Graphics









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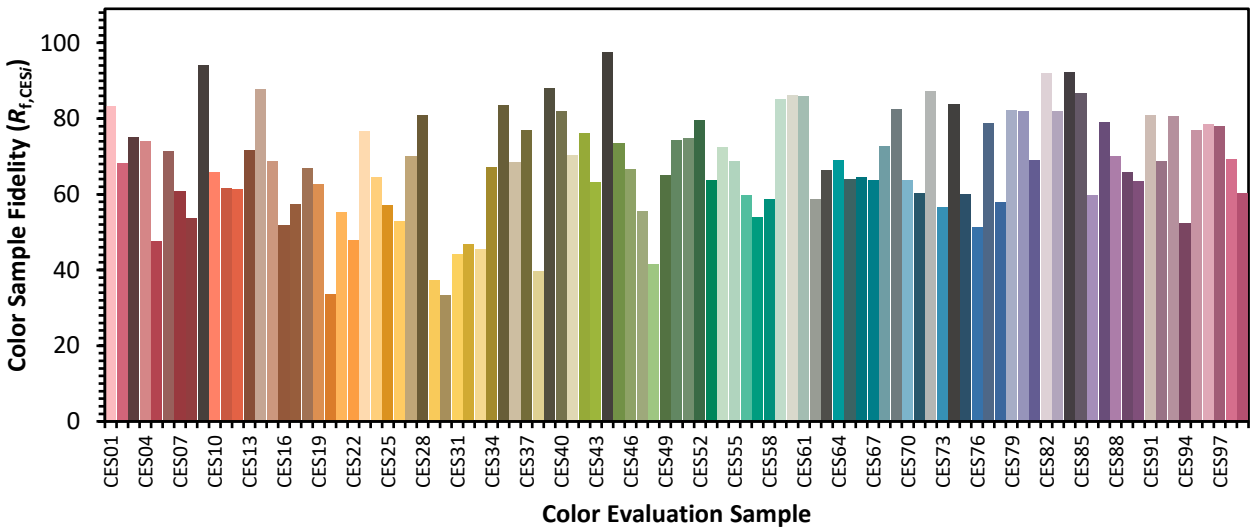
Individual Sample Fidelity Index ($R_{f,i}$)

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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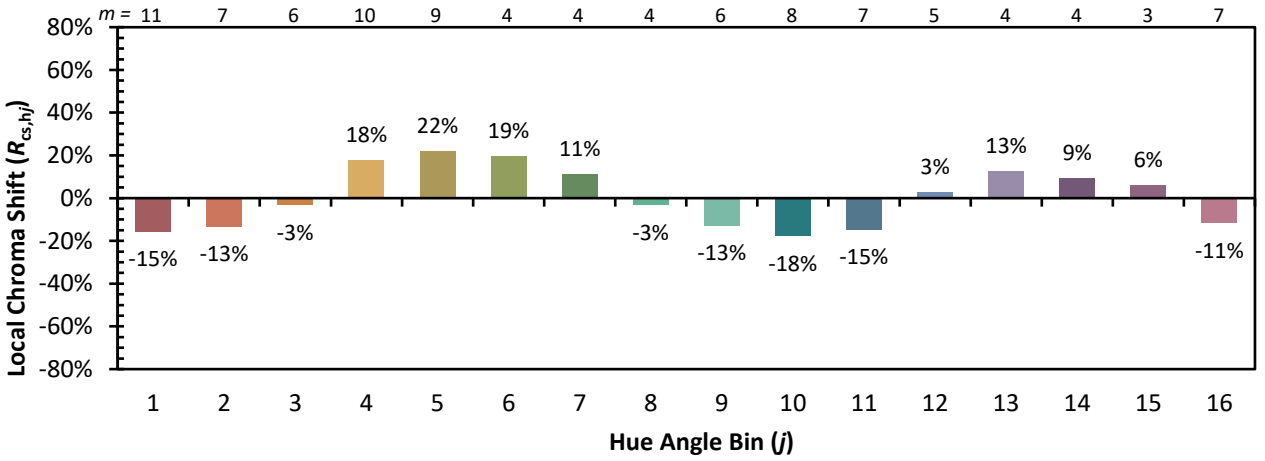
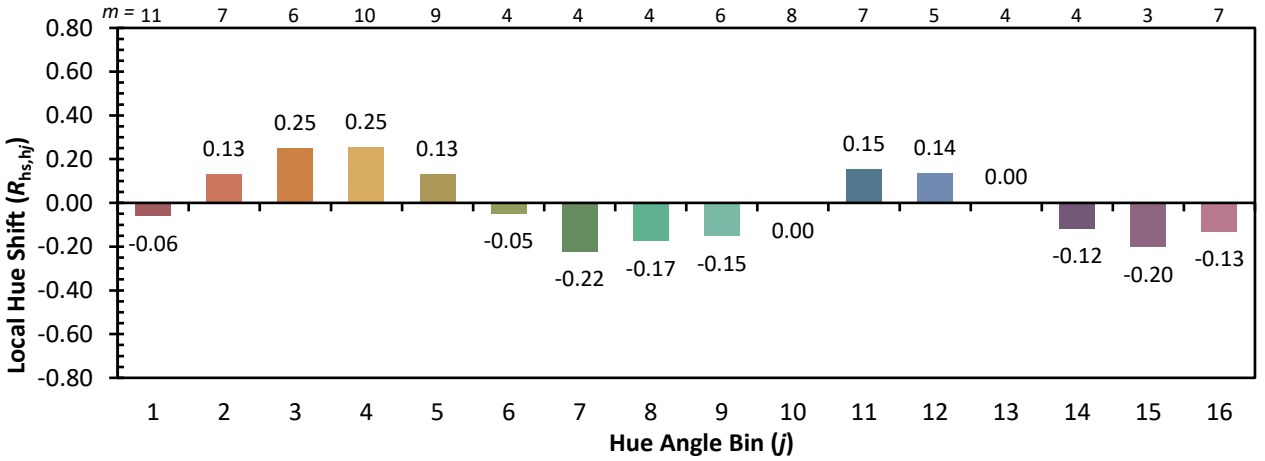
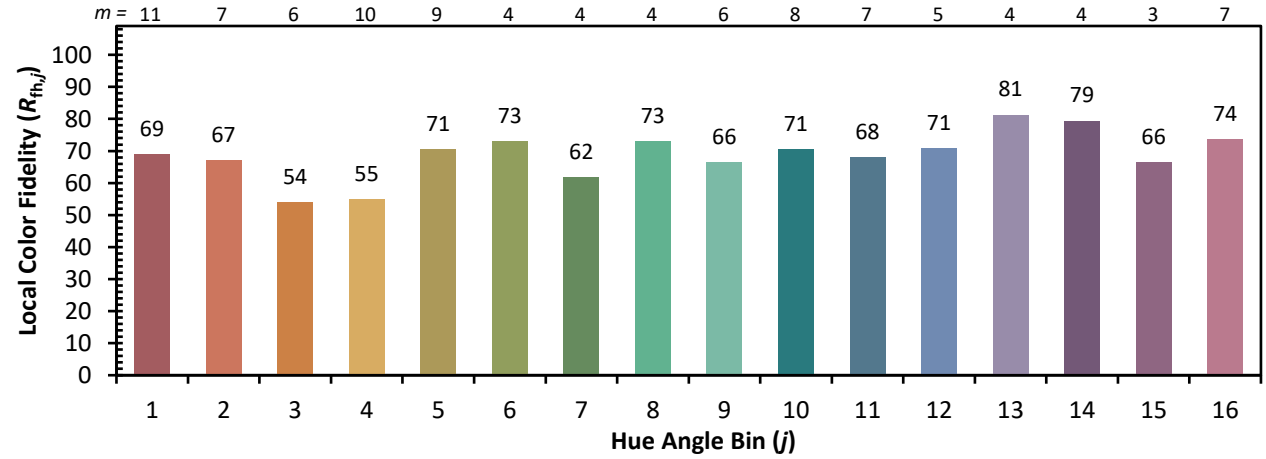
Color Rendition by Hue-Angle Bin







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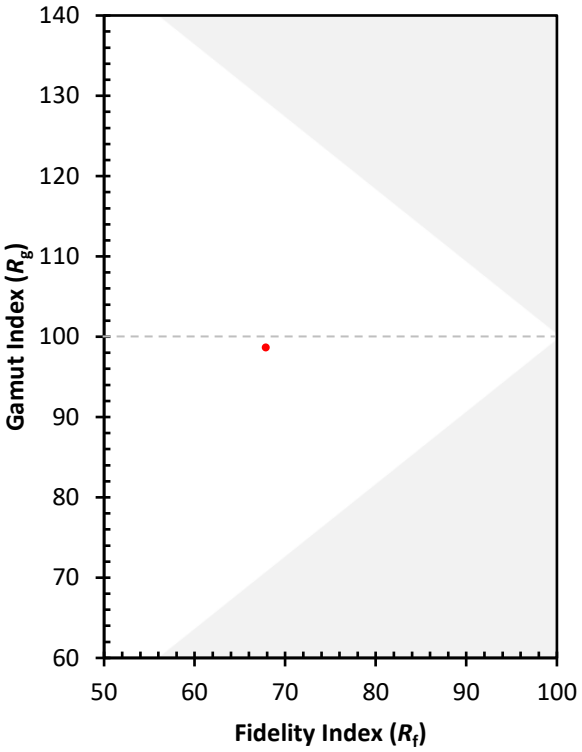
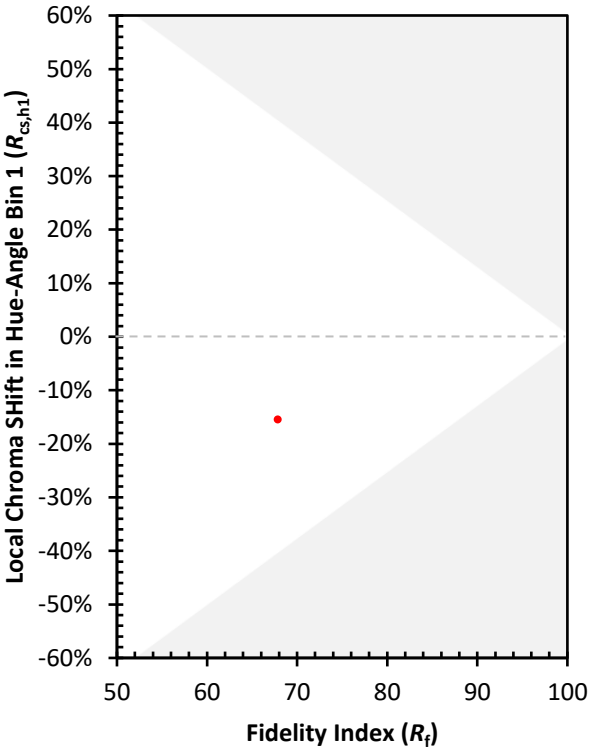
Measure Comparisons





(END OF REPORT)