

Signify Classified - Internal
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: P1067411

Luminaire Tested: **NAV-SA6C-740-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067411
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6C-740-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33089.7 lumens
Efficiency: N/A
Efficacy: 118.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 279.1
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

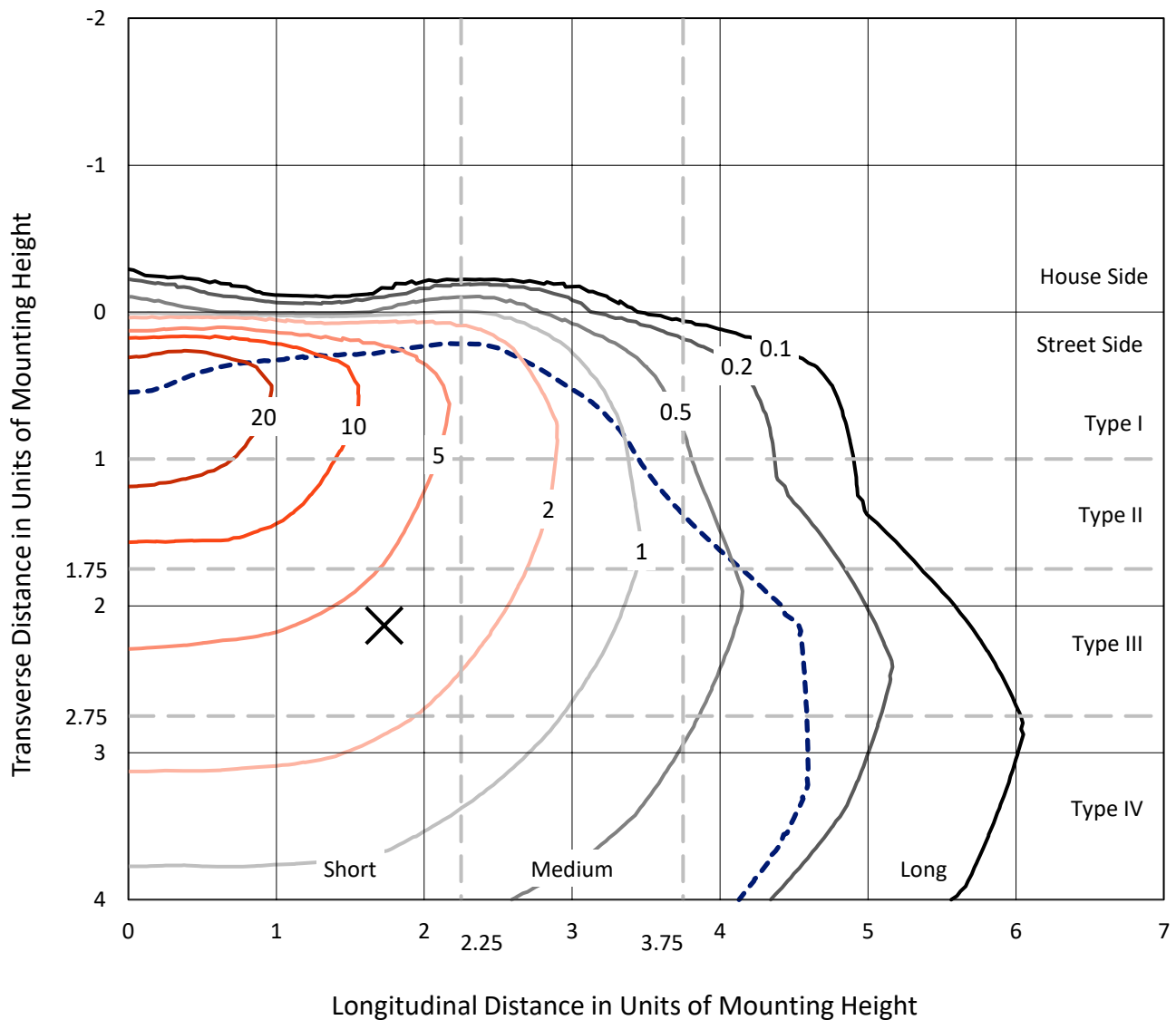


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

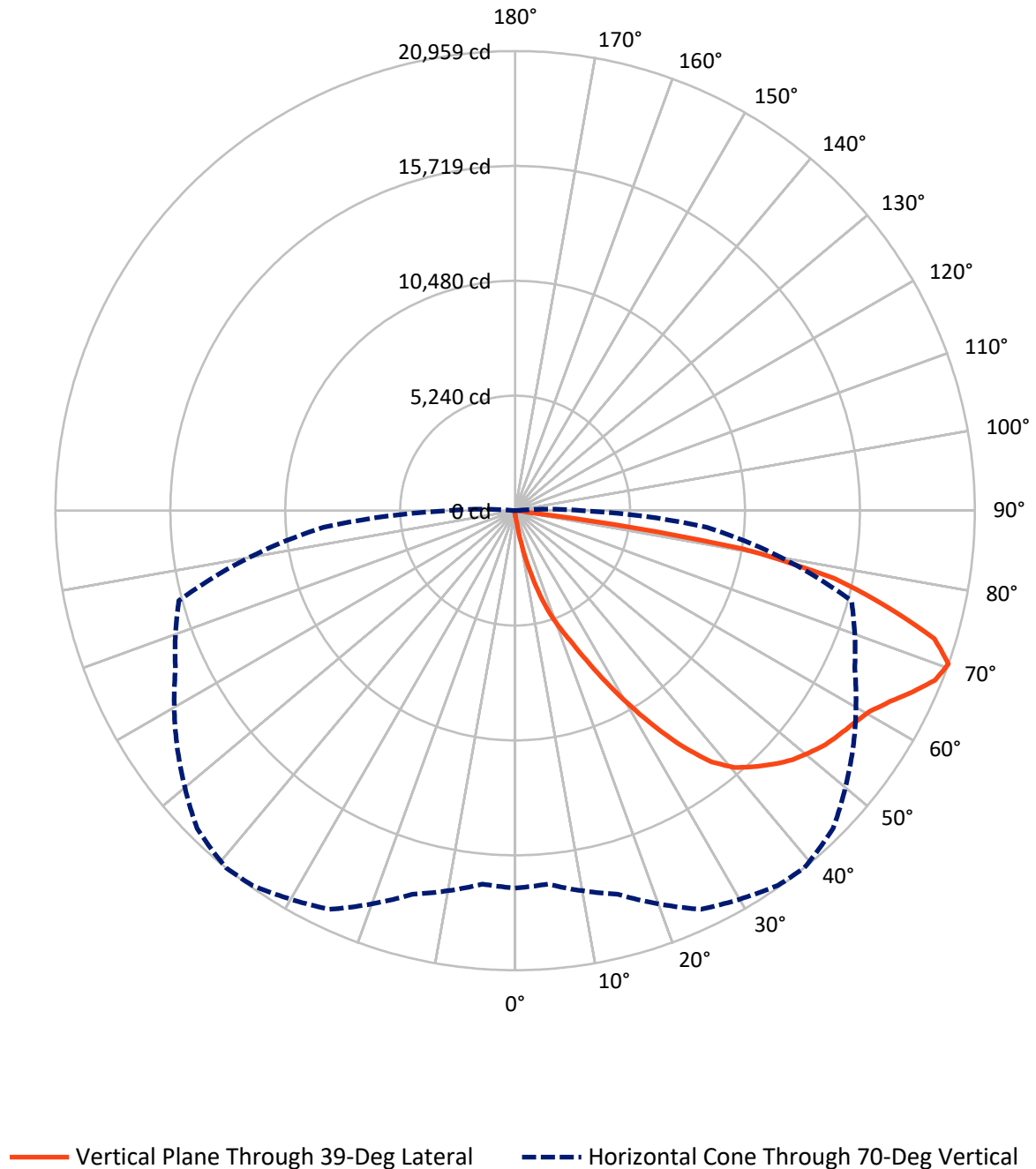


Based on 15 foot mounting height. Maximum calculated value = 36.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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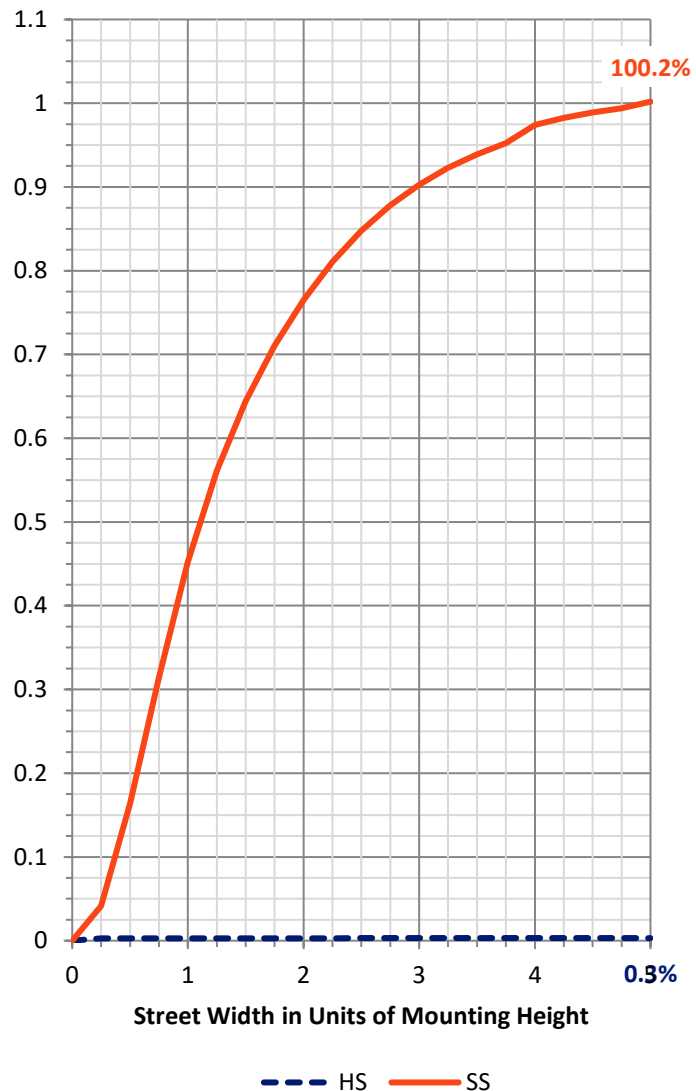
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	101.9	0.0	101.9
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	32987.8	0.0	32987.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	33089.7	0.0	33089.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.8	0.1
10°-20°	406.8	1.2
20°-30°	1380.5	4.2
30°-40°	3244.3	9.8
40°-50°	5268.1	15.9
50°-60°	6675.8	20.2
60°-70°	8480.0	25.6
70°-80°	6890.0	20.8
80°-90°	709.4	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°	33089.7	100.0
0°-180°	33089.7	100.0



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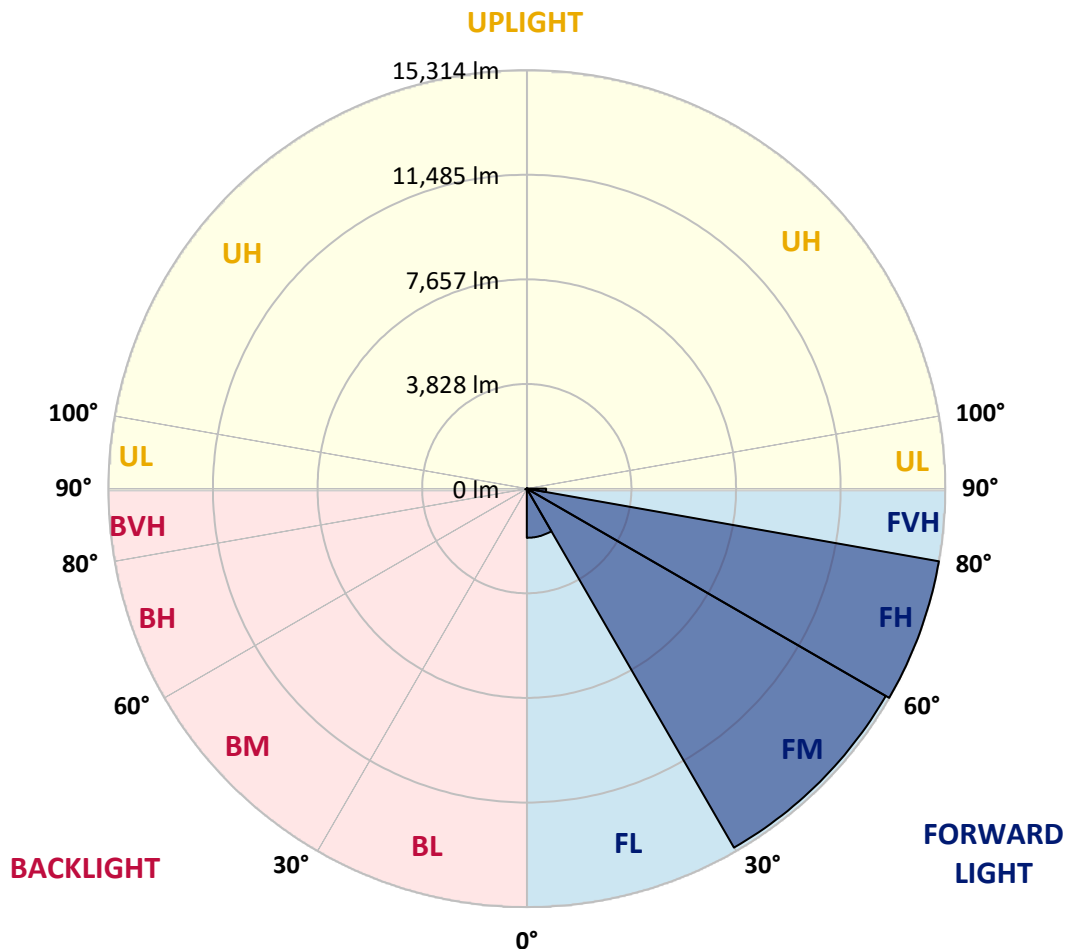
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1800.0	5.4			
FM	(30°-60°)	15168.6	45.8			
FH	(60°-80°)	15314.0	46.3			G5
FVH	(80°-90°)	705.2	2.1			G4/750
BL	(0°-30°)	22.1	0.1	B0/110		
BM	(30°-60°)	19.6	0.1	B0/220		
BH	(60°-80°)	56.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
2.5°	233.6	233.6	233.6	224.6	224.6	215.6	215.6	206.6	197.6	197.6	188.7
5°	440.2	449.2	422.2	368.3	332.4	314.4	296.5	251.5	224.6	206.6	188.7
7.5°	1203.8	1167.9	1114.0	934.3	718.7	610.9	521.1	368.3	269.5	215.6	188.7
10°	2533.4	2434.6	2281.9	2039.3	1617.1	1446.4	1123.0	673.8	377.3	242.6	188.7
12.5°	3719.3	3737.2	3548.6	3315.0	2802.9	2515.5	2075.2	1266.7	592.9	287.5	188.7
15°	4617.6	4599.7	4527.8	4339.2	3881.0	3602.5	3207.2	2129.1	997.2	359.4	197.6
17.5°	5327.4	5255.5	5228.5	5147.7	4851.2	4698.5	4267.3	3135.3	1581.1	485.1	206.6
20°	6037.1	6019.1	5992.2	5902.3	5704.7	5596.9	5264.5	4150.5	2353.7	691.7	224.6
22.5°	7070.2	6971.4	6989.4	6791.7	6630.0	6441.4	6171.8	5228.5	3243.1	988.2	251.5
25°	8283.0	8274.0	8130.3	8040.5	7770.9	7564.3	7205.0	6270.7	4231.3	1428.4	278.5
27.5°	9711.4	9612.6	9549.7	9397.0	9118.5	8884.9	8390.8	7303.8	5300.4	1922.5	314.4
30°	11202.7	11202.7	11086.0	10852.4	10582.9	10295.4	9792.3	8390.8	6360.5	2551.4	359.4
32.5°	12945.6	12981.5	12694.0	12343.7	11993.3	11795.7	11139.9	9621.6	7375.7	3270.1	413.3
35°	14634.5	14589.6	14113.5	13727.2	13466.6	13251.0	12694.0	10969.2	8525.6	4105.6	485.1
37.5°	16251.6	16134.8	15344.2	14796.2	14679.5	14535.7	13978.7	12316.7	9666.5	5030.9	575.0
40°	17410.5	17230.8	16413.3	15658.7	15488.0	15407.1	14975.9	13538.5	10870.3	6064.0	691.7
42.5°	17913.6	17707.0	17141.0	16530.1	16152.8	15964.1	15586.8	14535.7	12074.2	7214.0	862.4
45°	18012.4	17850.7	17446.4	17302.7	16790.6	16503.2	15991.1	15245.4	13197.1	8354.9	1096.0
47.5°	17653.1	17581.2	17338.6	17644.1	17383.6	16988.3	16368.4	15775.5	14194.3	9738.4	1419.4
50°	16772.7	16718.8	16835.6	17635.1	17814.8	17365.6	16781.6	16188.7	15056.8	11166.8	1877.6
52.5°	15586.8	15577.8	16125.8	17401.5	18003.4	17724.9	17185.9	16602.0	15739.5	12550.3	2524.4
55°	14293.2	14445.9	15407.1	17185.9	18111.2	17985.5	17581.2	16970.3	16350.4	13835.0	3566.5
57.5°	14185.3	14122.5	15047.8	17096.1	18174.1	18246.0	17976.5	17356.6	16871.5	14886.1	4959.0
60°	15263.4	15119.7	15470.0	17284.7	18452.6	18578.4	18371.8	17653.1	17392.5	15712.6	6791.7
62.5°	16512.1	16377.4	16557.1	18012.4	19000.6	19180.3	18919.8	17958.5	17814.8	16287.5	8759.2
65°	17509.3	17401.5	17742.9	19099.5	19764.3	19917.0	19737.3	18524.5	18003.4	16754.7	10358.3
67.5°	17671.0	17536.3	18246.0	19827.1	20536.9	20644.7	20500.9	19072.5	17940.6	16790.6	10726.6
70°	17212.9	17096.1	18111.2	20060.7	20869.3	20959.1	20500.9	18812.0	17087.1	15874.3	8768.1
72.5°	15802.4	15892.3	17203.9	19494.7	20411.1	19997.8	19027.6	17500.3	15982.1	13457.7	6153.9
75°	13610.4	13709.2	15452.1	17940.6	18012.4	17509.3	16988.3	16098.9	14302.1	8867.0	4267.3
77.5°	9675.5	9325.1	11930.4	14814.2	14553.7	14877.1	14922.0	13394.8	11975.3	4617.6	2856.8
80°	952.3	808.5	1500.3	4249.3	9388.0	10493.0	10924.2	10322.3	8831.0	2066.3	1500.3
82.5°	206.6	206.6	224.6	242.6	377.3	566.0	2596.3	6360.5	5704.7	1051.1	485.1
85°	116.8	116.8	143.7	170.7	224.6	251.5	296.5	395.3	1536.2	377.3	89.8
87.5°	89.8	98.8	116.8	143.7	188.7	206.6	251.5	314.4	386.3	350.4	27.0
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
2.5°	188.7	179.7	170.7	161.7	152.7	152.7	143.7	143.7	143.7	143.7	143.7
5°	179.7	170.7	161.7	143.7	134.8	125.8	116.8	116.8	116.8	116.8	116.8
7.5°	179.7	170.7	152.7	134.8	116.8	107.8	98.8	89.8	89.8	98.8	98.8
10°	179.7	161.7	134.8	116.8	98.8	89.8	80.9	71.9	71.9	71.9	71.9
12.5°	170.7	152.7	125.8	107.8	89.8	71.9	53.9	44.9	44.9	44.9	44.9
15°	161.7	143.7	116.8	89.8	62.9	44.9	35.9	27.0	27.0	27.0	27.0
17.5°	161.7	134.8	107.8	80.9	44.9	27.0	18.0	9.0	9.0	9.0	18.0
20°	161.7	134.8	98.8	62.9	27.0	18.0	18.0	9.0	0.0	9.0	9.0
22.5°	161.7	125.8	80.9	44.9	27.0	18.0	9.0	0.0	0.0	0.0	0.0
25°	170.7	125.8	71.9	35.9	18.0	9.0	0.0	0.0	0.0	0.0	0.0
27.5°	170.7	116.8	62.9	27.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	179.7	116.8	53.9	18.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	179.7	107.8	35.9	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	179.7	98.8	27.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	179.7	89.8	27.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	188.7	80.9	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	197.6	71.9	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	206.6	62.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	233.6	62.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	269.5	62.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	323.4	62.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	422.2	53.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	610.9	53.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	1024.1	53.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1796.8	53.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	3036.5	53.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3961.8	62.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3009.6	53.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1437.4	35.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	637.8	35.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	278.5	27.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	107.8	18.0	9.0	9.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0
82.5°	44.9	18.0	9.0	9.0	9.0	9.0	9.0	0.0	0.0	0.0	0.0
85°	27.0	18.0	18.0	18.0	9.0	9.0	9.0	0.0	0.0	0.0	0.0
87.5°	18.0	18.0	18.0	18.0	18.0	9.0	9.0	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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

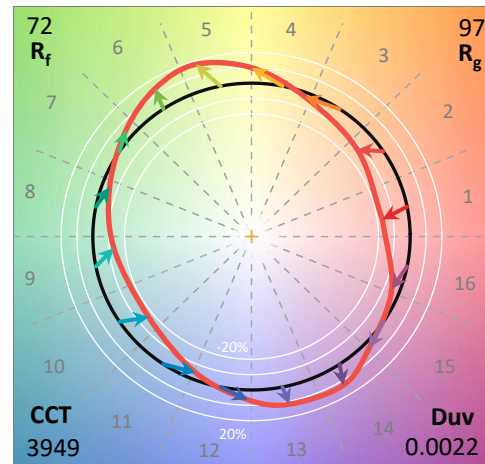
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

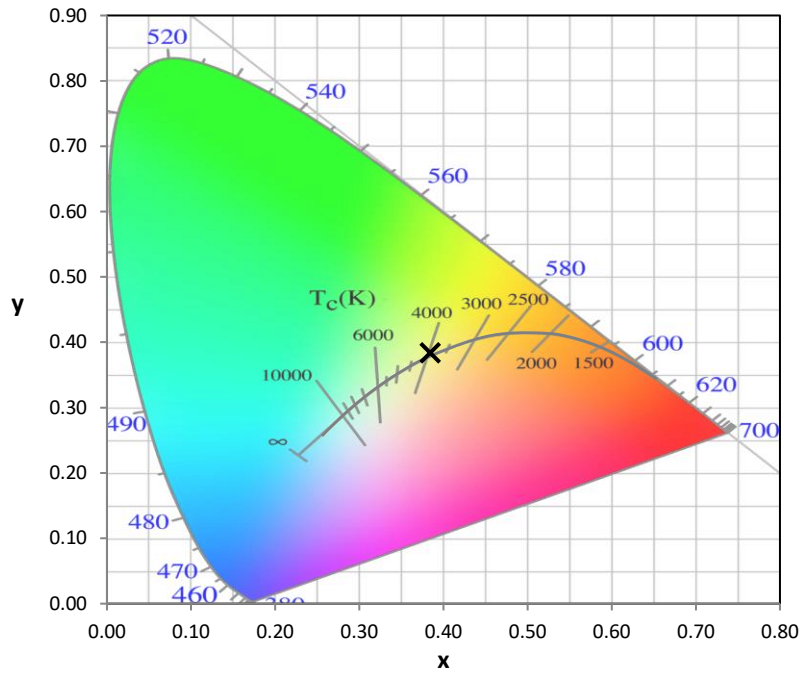
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

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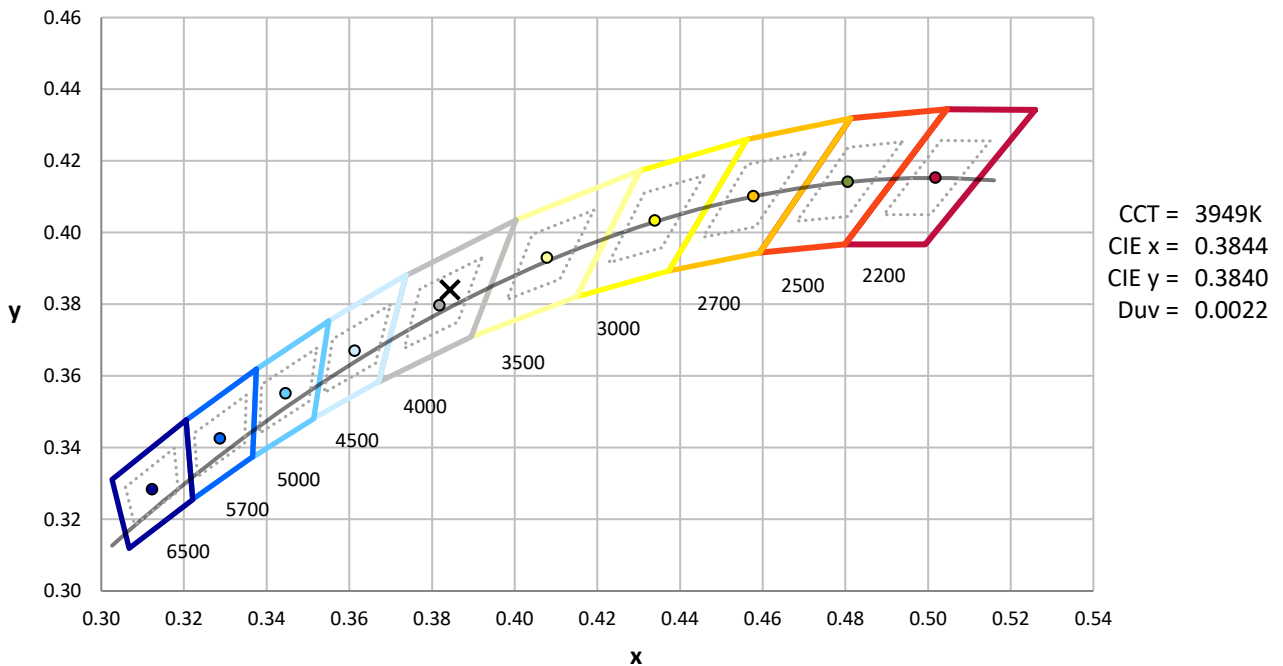
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



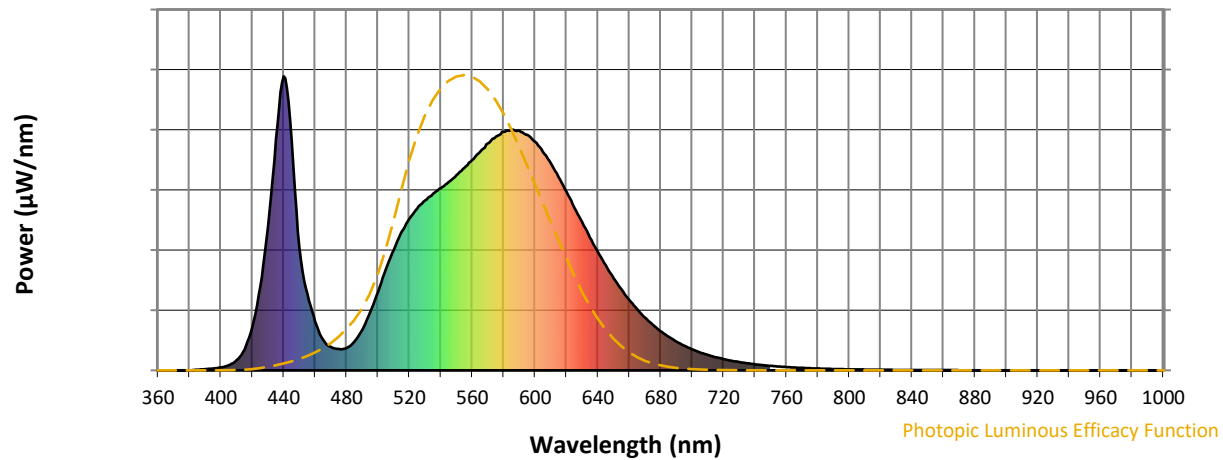
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

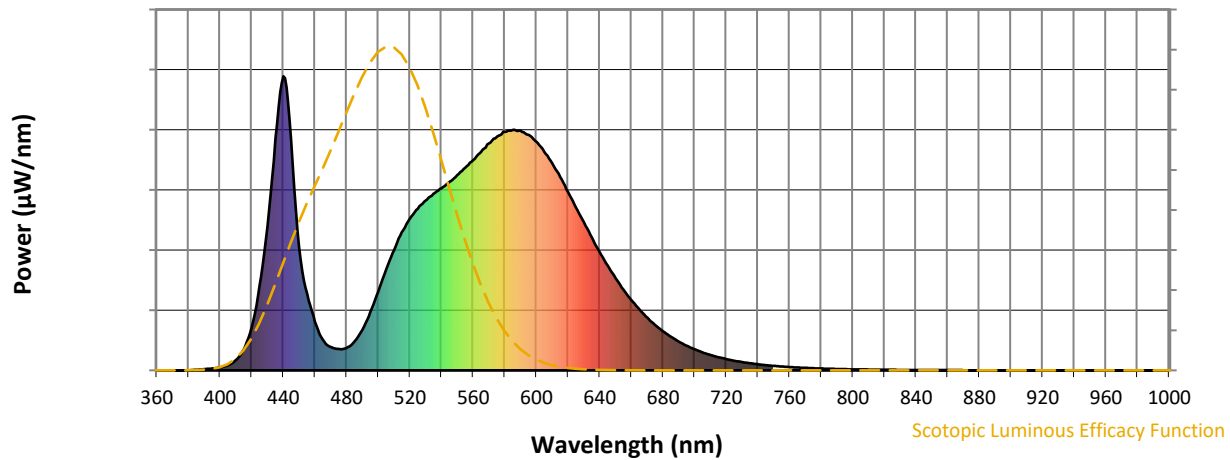


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



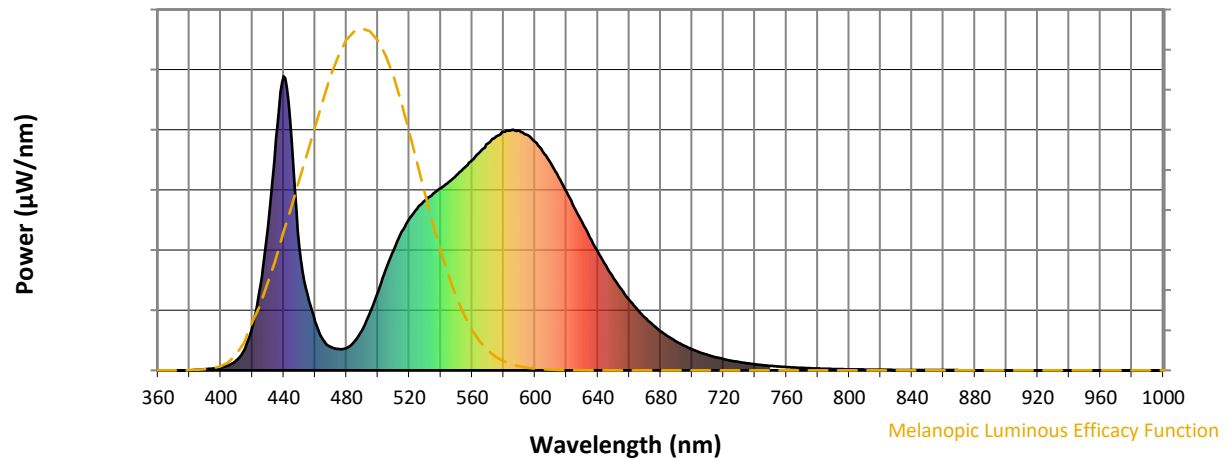
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

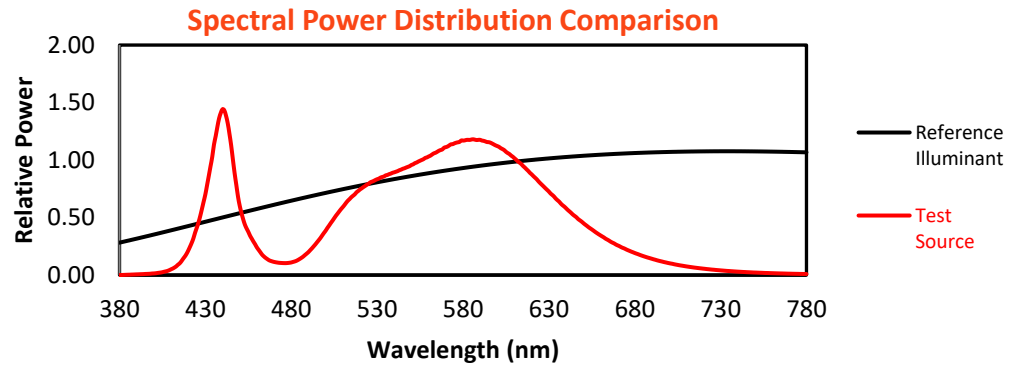
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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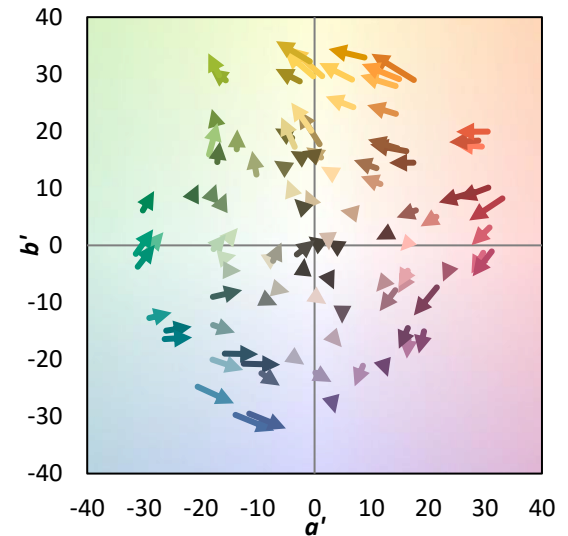
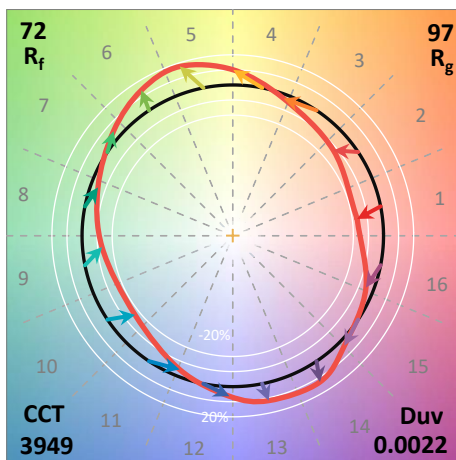
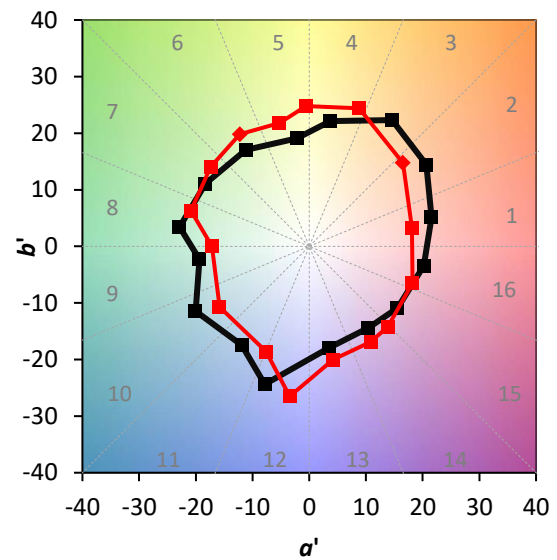
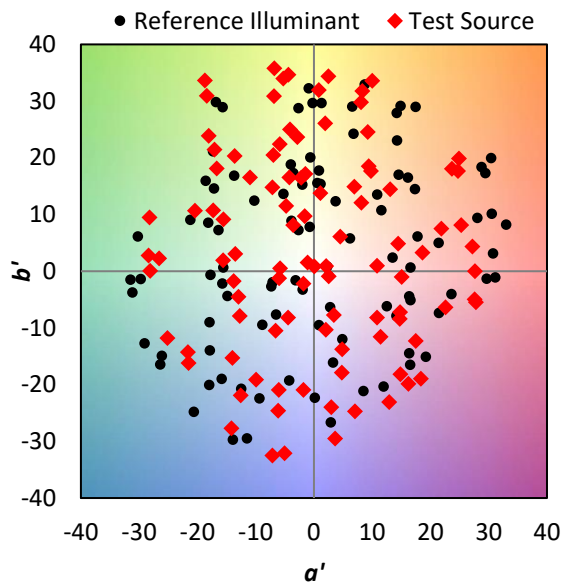
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 CIE $R_a = 70.7$
 $R_g = -36.7$

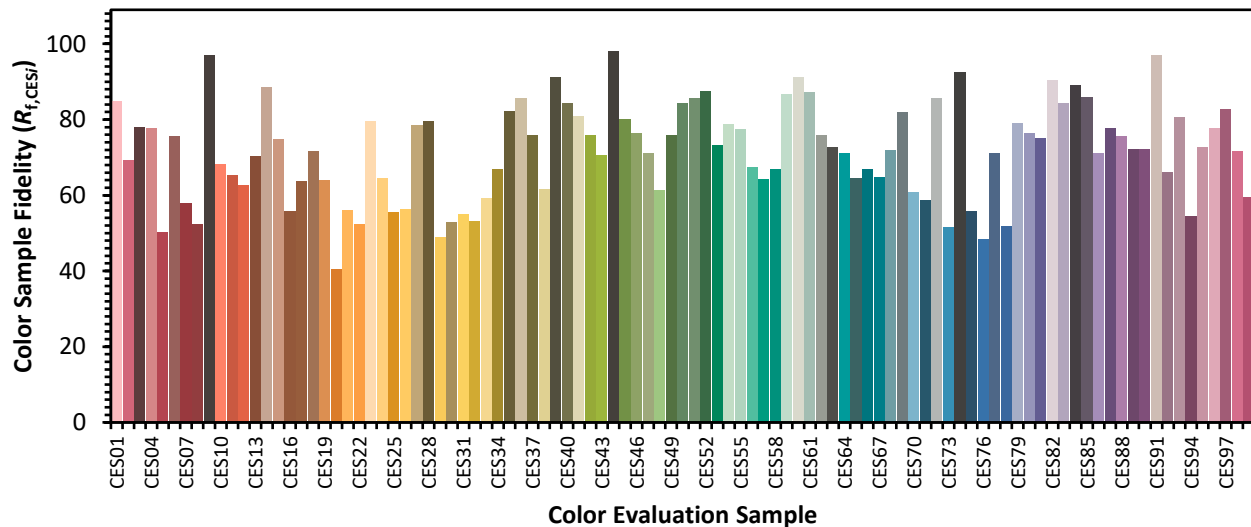


Color Vector Graphics

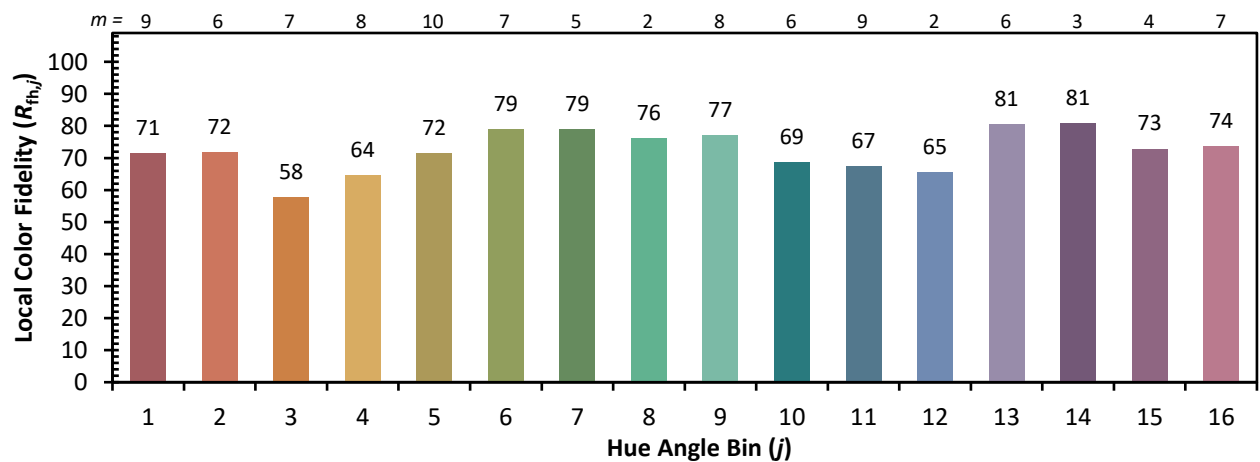
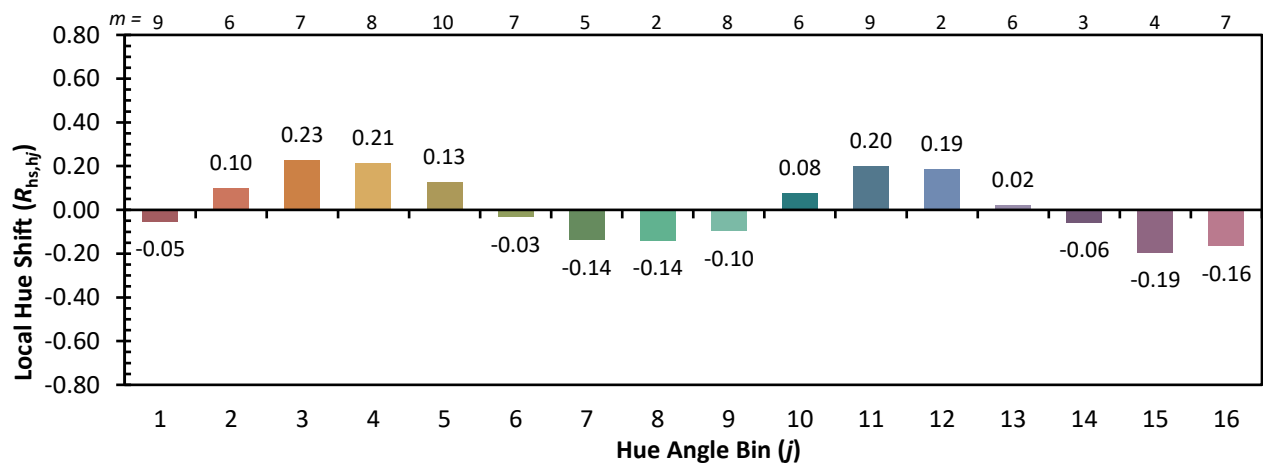
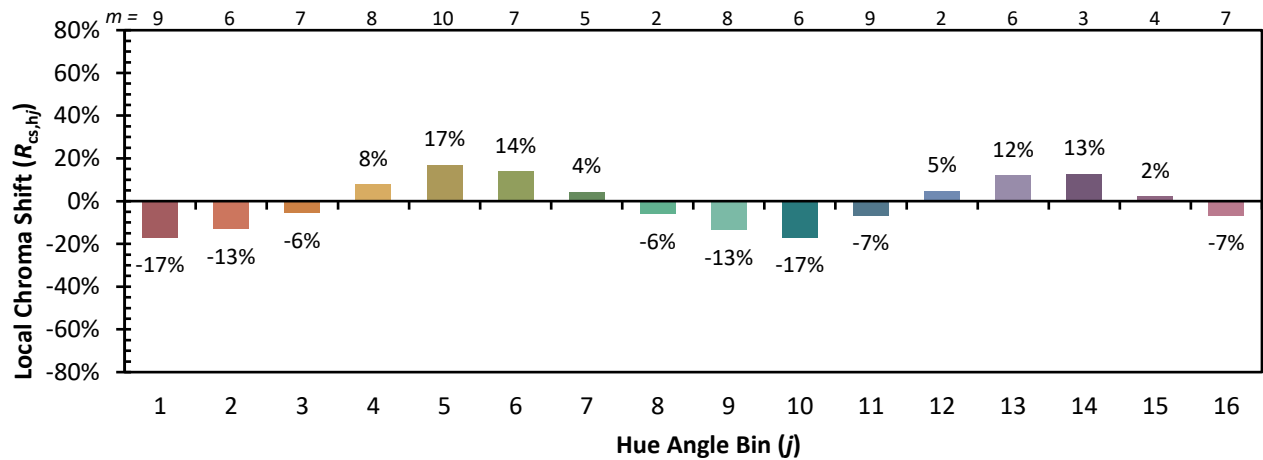


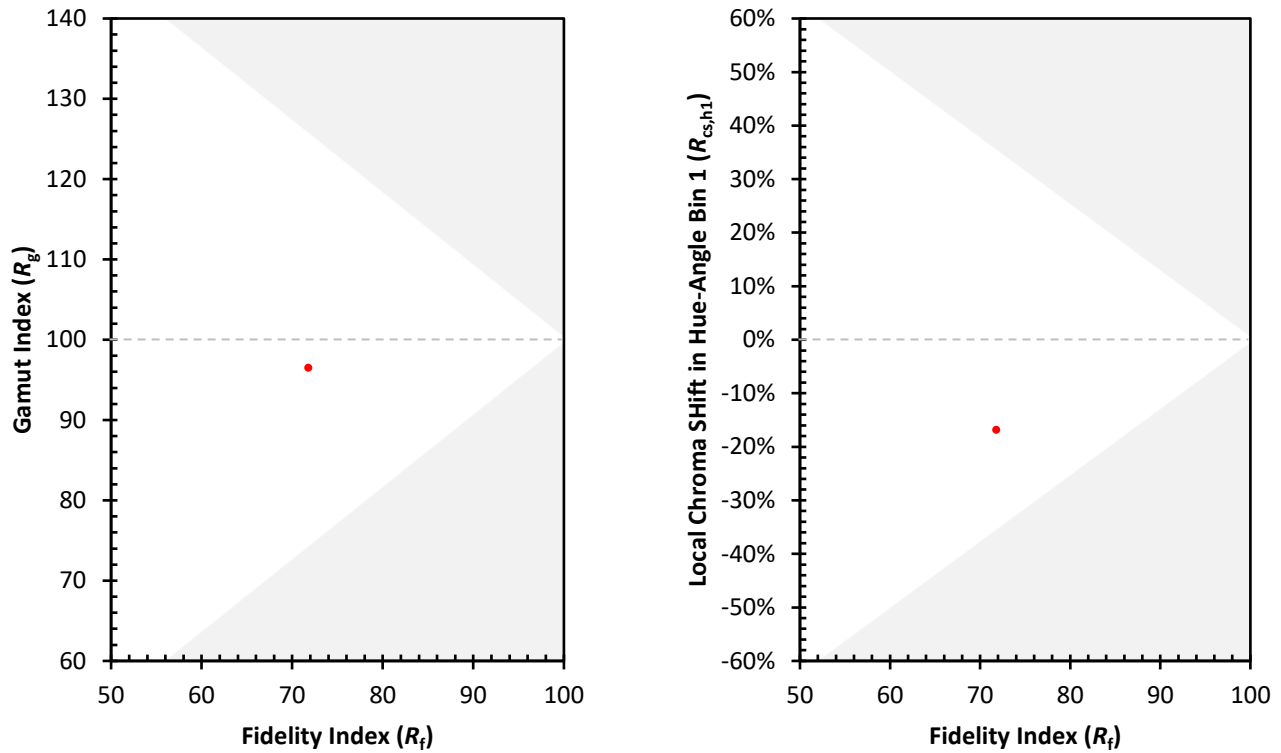
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)