

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: P1067289

Luminaire Tested: **NAV-SA6A-750-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067289
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6A-750-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21043.3 lumens
Efficiency: N/A
Efficacy: 130.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 161.6
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

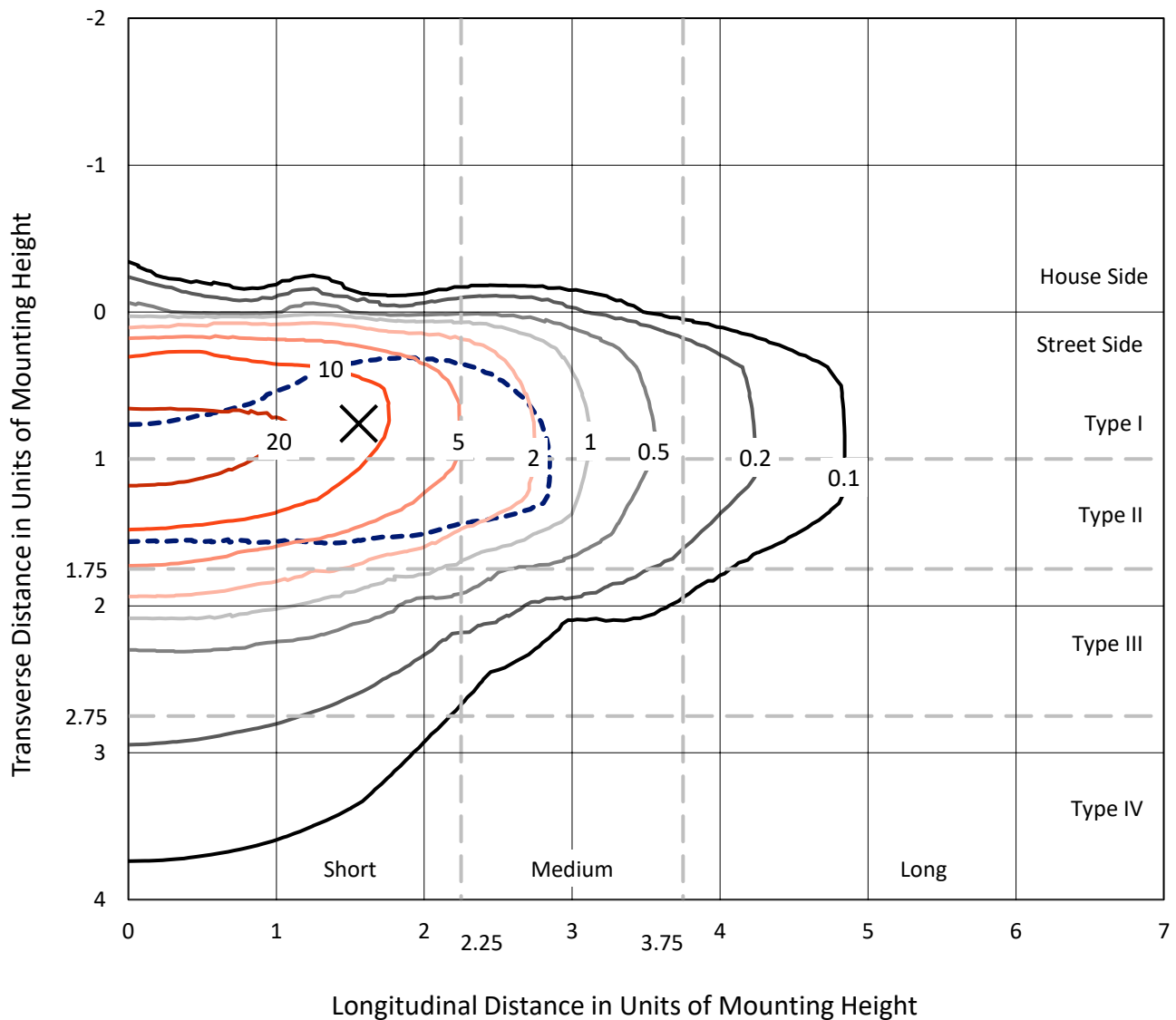


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

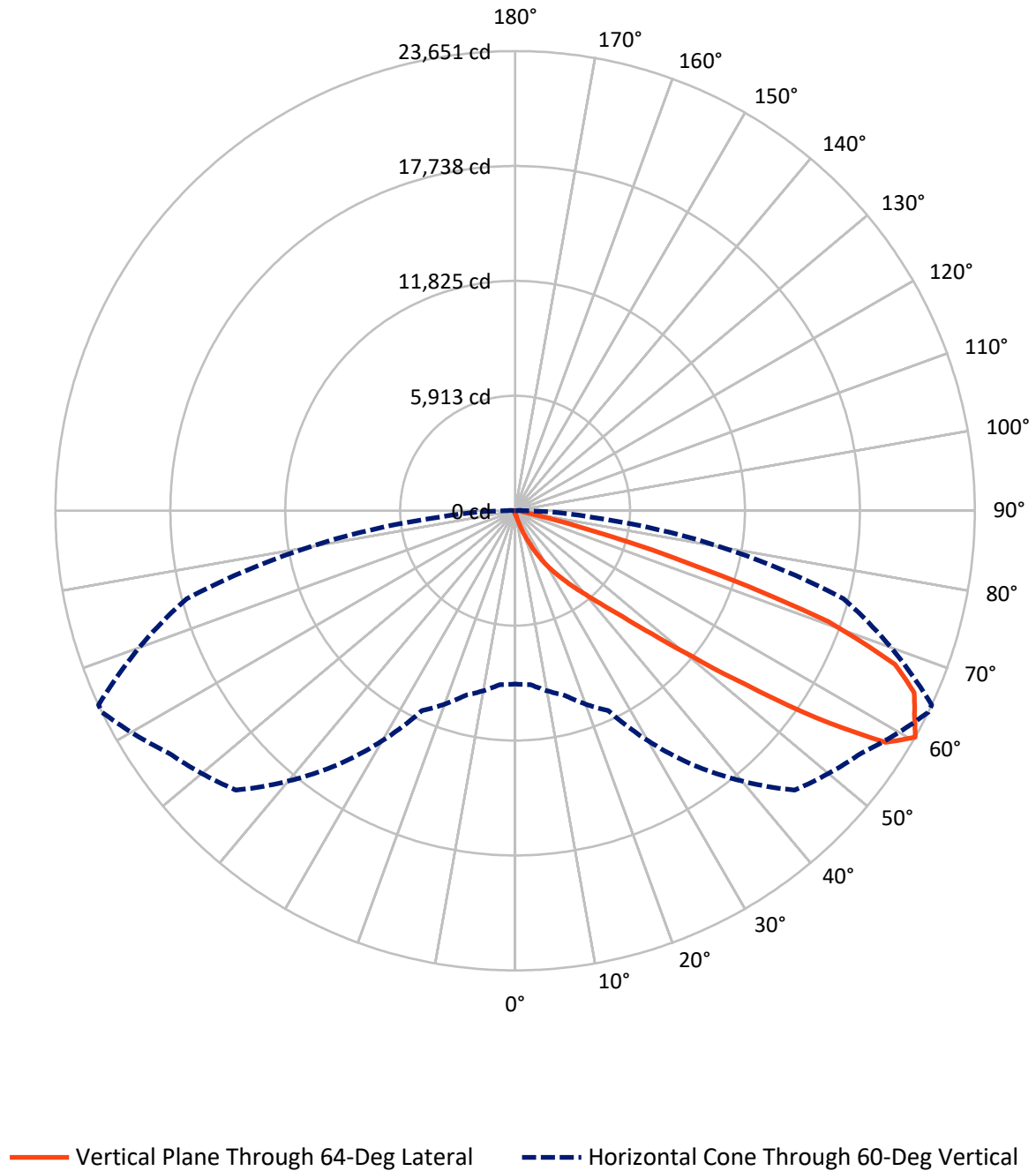


Based on 15 foot mounting height. Maximum calculated value = 30.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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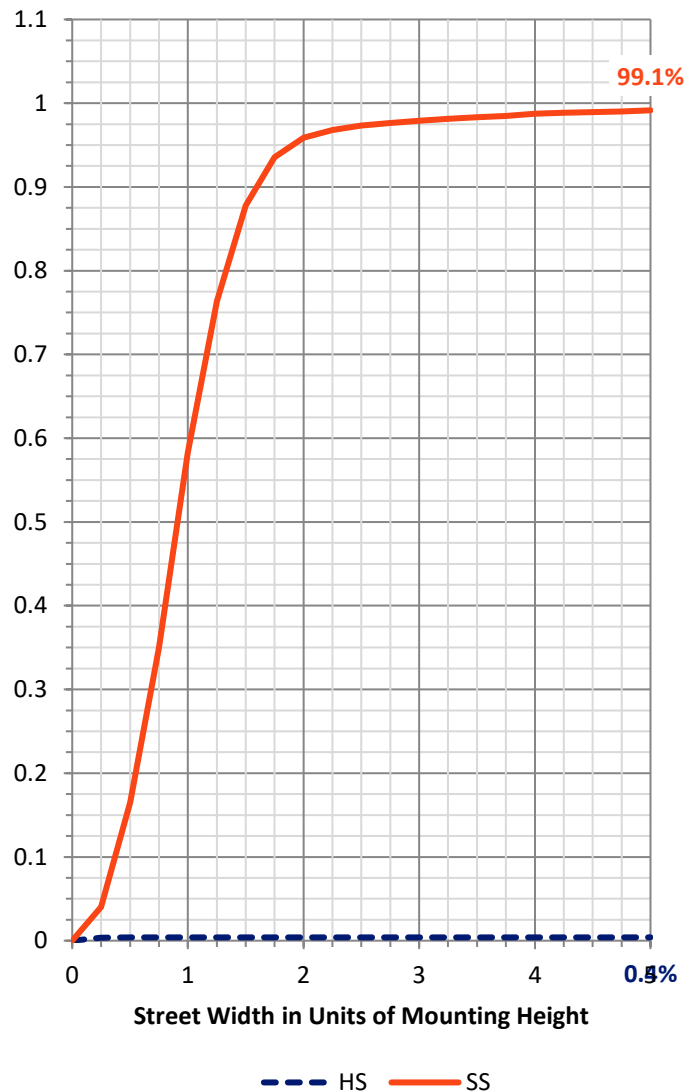
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	85.3	0.0	85.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20957.9	0.0	20957.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	21043.3	0.0	21043.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.9	0.1
10°-20°	206.8	1.0
20°-30°	686.8	3.3
30°-40°	1832.6	8.7
40°-50°	4658.0	22.1
50°-60°	6790.3	32.3
60°-70°	5244.9	24.9
70°-80°	1440.3	6.8
80°-90°	162.6	0.8
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°	21043.3	100.0
0°-180°	21043.3	100.0



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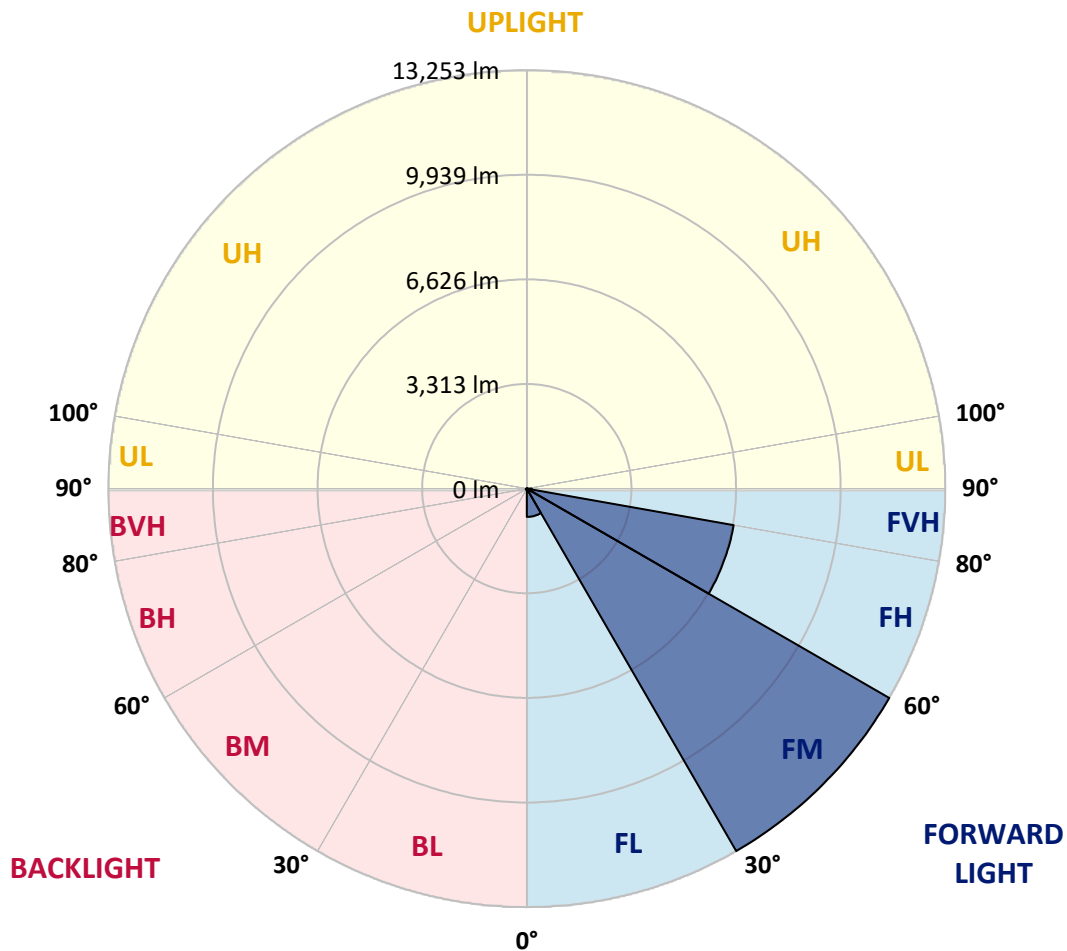
CATALOG NUMBER: NAV-SA6A-750-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	895.4	4.3			
FM	(30°-60°)	13252.7	63.0			
FH	(60°-80°)	6651.2	31.6			G3/7500
FVH	(80°-90°)	158.7	0.8			G2/225
BL	(0°-30°)	19.2	0.1	B0/110		
BM	(30°-60°)	28.3	0.1	B0/220		
BH	(60°-80°)	34.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.9	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-G3

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0
2.5°	185.4	185.4	185.4	179.6	173.8	173.8	168.0	162.2	162.2	150.6	144.8
5°	283.8	283.8	272.2	260.7	243.3	220.1	196.9	179.6	179.6	162.2	150.6
7.5°	556.1	573.5	521.3	457.6	370.7	312.8	249.1	208.5	202.7	173.8	150.6
10°	1204.8	1193.2	1112.2	955.8	753.0	544.5	347.5	254.9	243.3	185.4	150.6
12.5°	1813.0	1830.4	1743.5	1569.8	1326.5	967.3	596.6	330.2	318.6	202.7	150.6
15°	2334.4	2334.4	2276.4	2189.5	1923.1	1546.6	961.5	492.4	451.8	220.1	144.8
17.5°	2693.5	2687.7	2664.5	2641.4	2485.0	2096.9	1471.3	787.8	695.1	260.7	144.8
20°	3099.0	3081.6	3110.5	3064.2	2942.6	2635.6	2010.0	1170.1	1083.2	330.2	144.8
22.5°	3521.8	3539.2	3562.4	3516.0	3382.8	3116.3	2577.6	1662.4	1569.8	457.6	150.6
25°	4060.5	4048.9	4101.1	4060.5	3892.5	3579.7	3110.5	2201.1	2067.9	637.2	162.2
27.5°	4720.9	4697.7	4732.4	4628.2	4408.1	4089.5	3585.5	2751.4	2595.0	915.2	185.4
30°	5595.5	5612.9	5456.5	5334.9	5022.1	4599.2	4112.6	3342.2	3180.1	1245.4	208.5
32.5°	6974.1	6852.5	6609.2	6116.8	5705.6	5166.9	4639.8	3857.8	3713.0	1668.2	243.3
35°	9123.1	9146.3	8613.4	7397.0	6504.9	5879.3	5219.0	4425.4	4321.2	2149.0	289.6
37.5°	11741.3	11677.6	11208.4	9673.4	7675.0	6765.6	5879.3	5045.2	4894.6	2670.3	347.5
40°	14707.0	14440.6	14168.3	13125.7	10113.6	7877.7	6713.5	5763.5	5647.6	3272.7	440.2
42.5°	17081.9	17012.4	17058.8	16624.3	14179.9	9771.9	7819.8	6643.9	6504.9	4020.0	602.4
45°	18252.0	18153.6	18431.6	18756.0	18130.4	13803.4	9603.9	7767.7	7582.3	4900.4	851.5
47.5°	17939.2	17869.7	18466.3	19103.5	19937.6	18477.9	12517.5	9447.5	9128.9	6029.9	1222.2
50°	16398.4	16404.2	17383.2	18570.6	19891.3	20847.0	16832.9	11747.1	11347.4	7530.2	1801.5
52.5°	14898.2	14944.5	15981.4	17713.3	19202.0	21125.1	20621.1	14846.1	14197.3	9296.9	2485.0
55°	13357.4	13380.6	14295.8	16734.4	18877.6	20296.8	22567.4	18837.1	18147.8	11498.0	3151.1
57.5°	11874.5	11874.5	12216.3	14382.7	18524.3	20221.5	22335.7	22486.3	21924.4	14011.9	3643.5
60°	8920.4	8978.3	9829.8	11347.4	15975.6	20331.5	21744.9	23650.6	23650.6	17499.0	4020.0
62.5°	4506.5	4593.4	5653.4	7130.5	10959.3	18813.9	21837.6	23065.6	23158.2	20574.8	4877.2
65°	2114.2	2212.7	2780.4	3823.0	5896.7	13241.6	20876.0	22567.4	22538.4	19989.8	6684.5
67.5°	1517.6	1546.6	1737.7	2230.1	3174.3	5804.0	15935.0	21078.7	21090.3	16983.5	7686.6
70°	1361.2	1361.2	1407.6	1552.4	1911.5	2595.0	7744.5	17070.4	17898.7	13114.1	7124.7
72.5°	1343.8	1332.3	1320.7	1326.5	1291.7	1303.3	2658.7	9638.6	10820.3	9175.2	5682.4
75°	1309.1	1309.1	1297.5	1257.0	1031.1	839.9	915.2	3898.3	4506.5	6128.4	4216.9
77.5°	1036.8	1141.1	1262.8	1187.5	944.2	631.4	532.9	1129.5	1424.9	3759.3	3058.4
80°	480.8	486.6	480.8	503.9	602.4	451.8	393.9	550.3	556.1	2085.3	1894.1
82.5°	347.5	353.3	336.0	301.2	266.5	243.3	324.4	405.5	434.4	955.8	706.7
85°	104.3	98.5	115.8	156.4	185.4	214.3	272.2	341.8	359.1	353.3	104.3
87.5°	46.3	46.3	57.9	81.1	110.1	162.2	237.5	312.8	318.6	364.9	29.0
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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CATALOG NUMBER: NAV-SA6A-750-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0	139.0
2.5°	144.8	139.0	133.2	127.4	121.6	115.8	110.1	110.1	115.8	115.8	115.8
5°	139.0	133.2	121.6	110.1	104.3	98.5	92.7	92.7	98.5	98.5	98.5
7.5°	139.0	127.4	115.8	104.3	92.7	86.9	81.1	81.1	81.1	86.9	86.9
10°	139.0	127.4	110.1	92.7	81.1	75.3	69.5	63.7	69.5	69.5	69.5
12.5°	133.2	121.6	104.3	86.9	69.5	57.9	52.1	52.1	52.1	52.1	52.1
15°	127.4	115.8	98.5	75.3	57.9	46.3	34.8	34.8	34.8	40.5	40.5
17.5°	121.6	110.1	86.9	57.9	40.5	29.0	23.2	23.2	23.2	29.0	29.0
20°	121.6	104.3	75.3	46.3	29.0	17.4	11.6	11.6	11.6	17.4	23.2
22.5°	121.6	104.3	69.5	34.8	17.4	11.6	5.8	5.8	5.8	5.8	5.8
25°	121.6	98.5	63.7	29.0	11.6	5.8	0.0	0.0	5.8	11.6	17.4
27.5°	121.6	92.7	52.1	17.4	11.6	5.8	0.0	5.8	11.6	11.6	11.6
30°	121.6	92.7	46.3	17.4	5.8	0.0	0.0	5.8	11.6	11.6	17.4
32.5°	127.4	86.9	40.5	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	133.2	81.1	34.8	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	144.8	81.1	23.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	162.2	86.9	23.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	202.7	92.7	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	283.8	115.8	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	417.1	173.8	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	608.2	237.5	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	747.2	237.5	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	741.4	150.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	567.7	104.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	480.8	75.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	579.2	57.9	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1031.1	52.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1656.6	52.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1853.6	52.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1448.1	46.3	5.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	793.6	40.5	5.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	399.7	29.0	11.6	5.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	168.0	23.2	11.6	5.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	57.9	23.2	11.6	11.6	5.8	5.8	0.0	0.0	0.0	0.0	0.0
85°	29.0	17.4	17.4	11.6	11.6	5.8	5.8	0.0	0.0	0.0	0.0
87.5°	17.4	17.4	17.4	11.6	11.6	5.8	5.8	0.0	0.0	0.0	5.8
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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

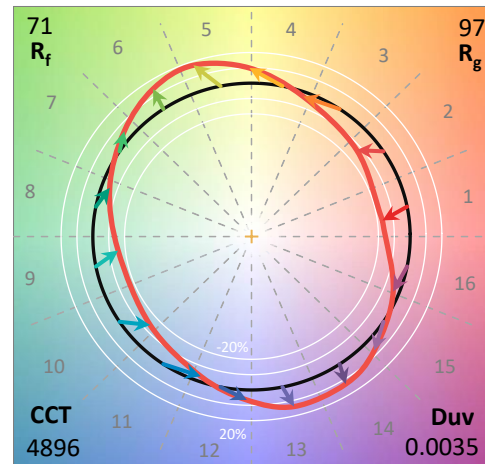
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

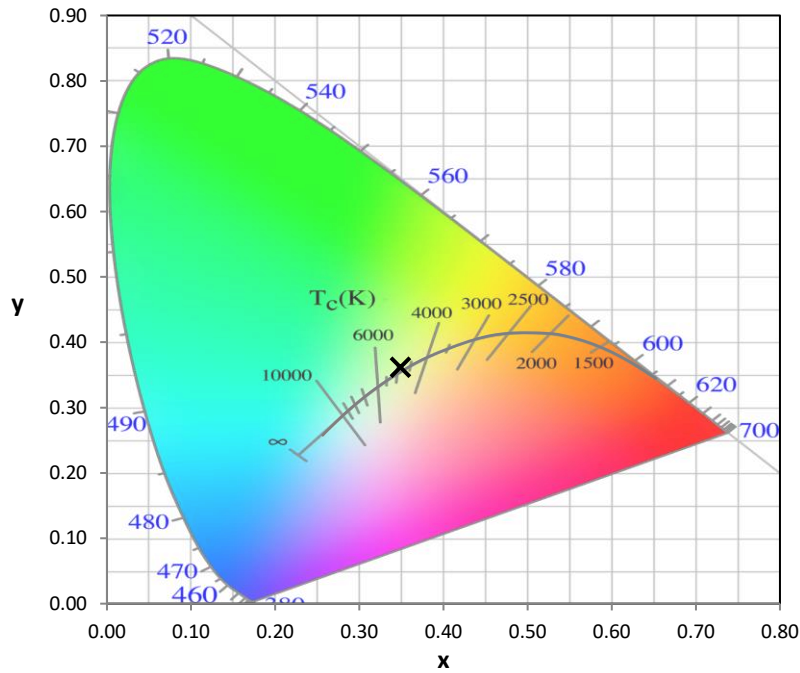
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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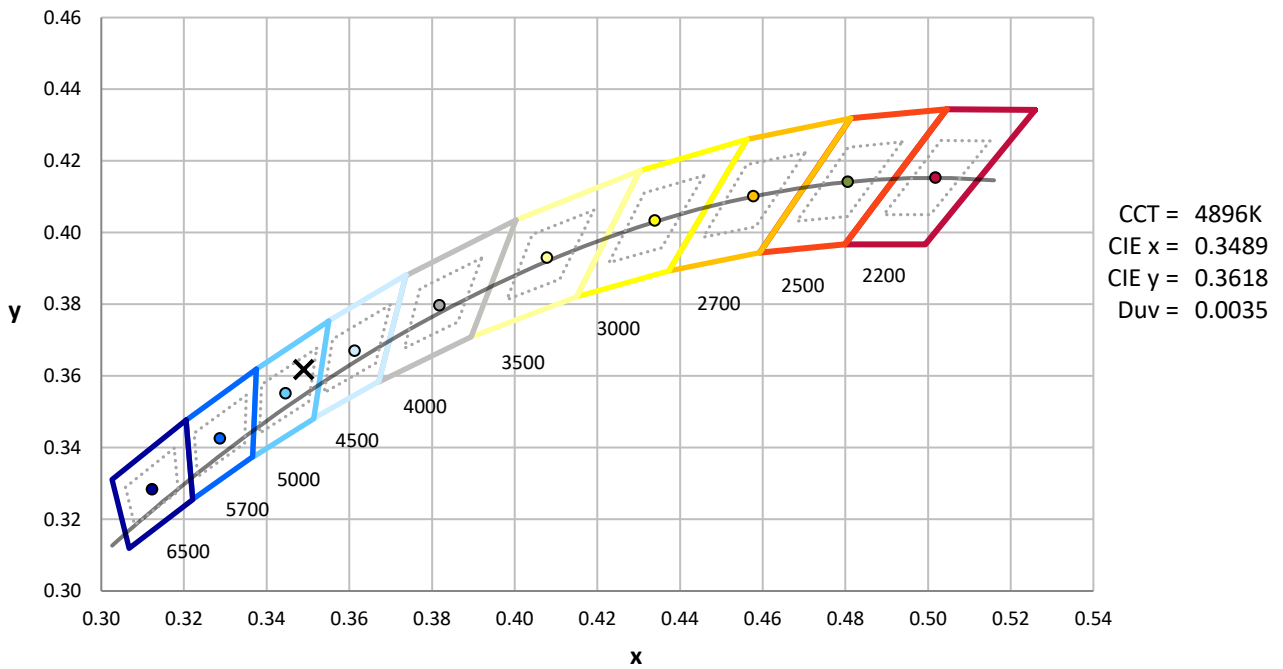
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



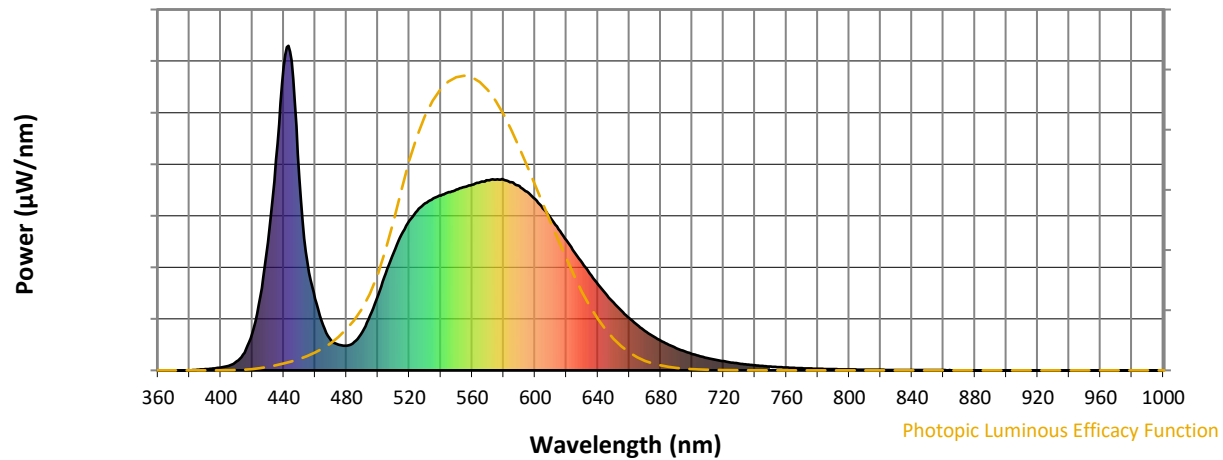
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

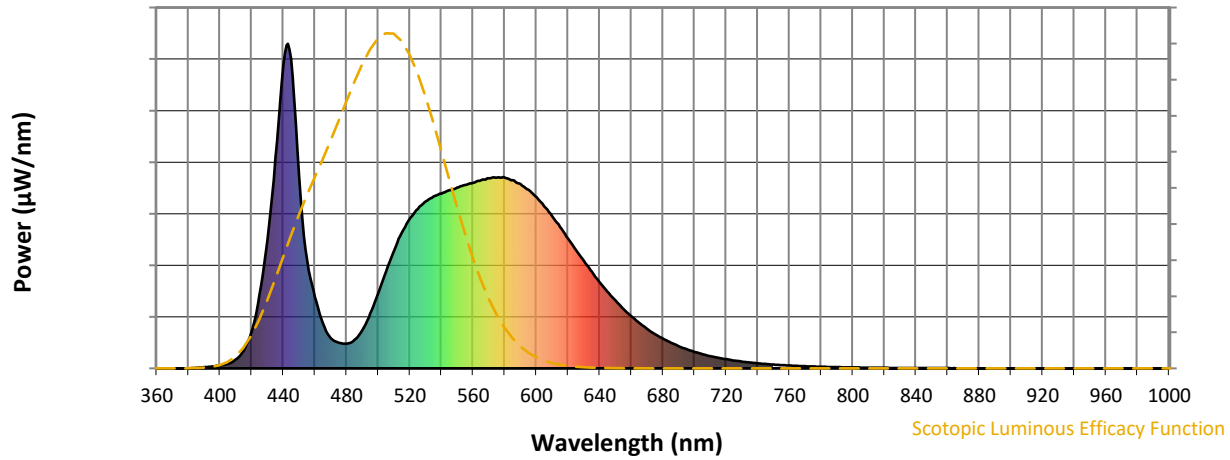


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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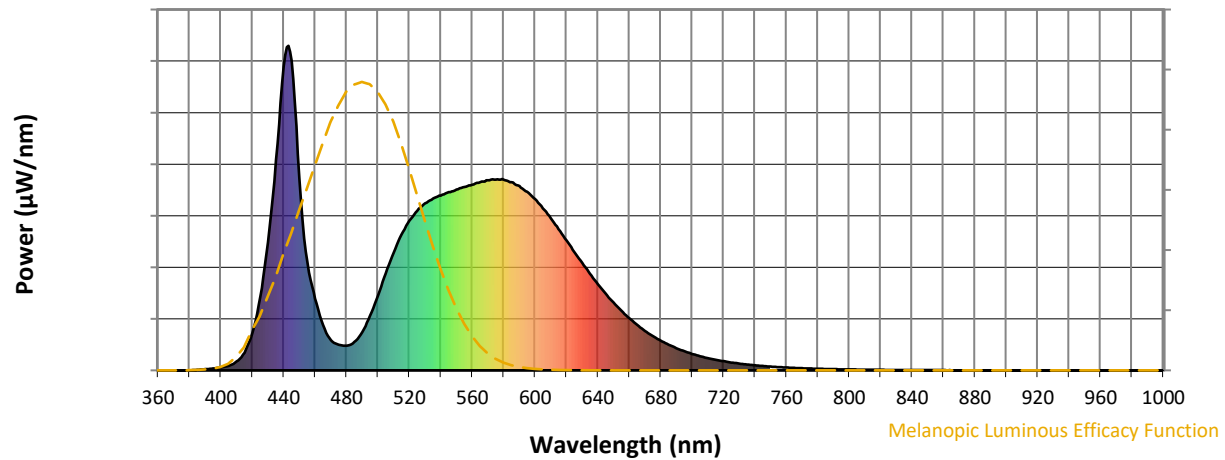
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

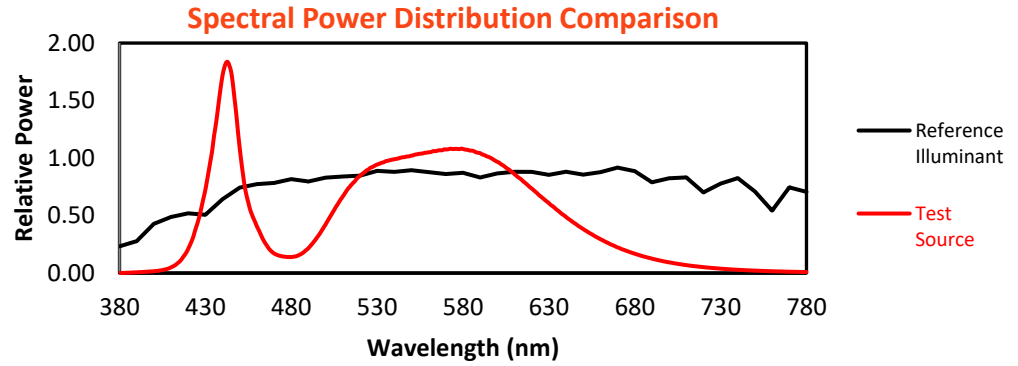
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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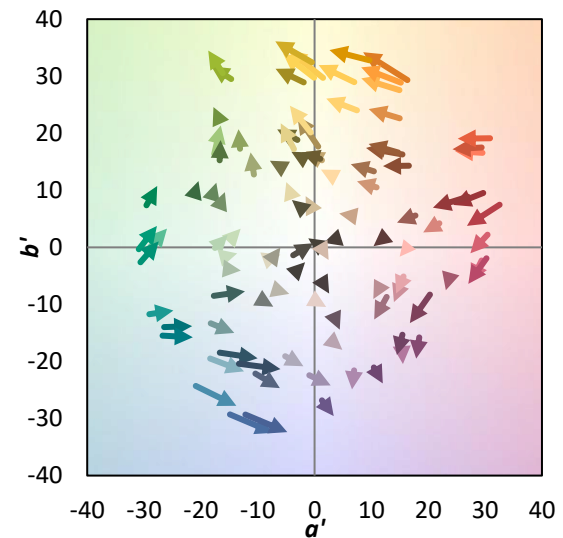
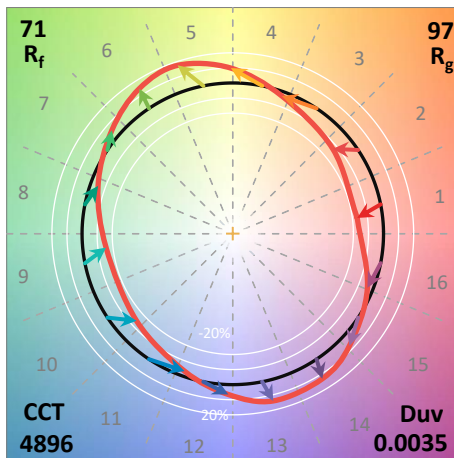
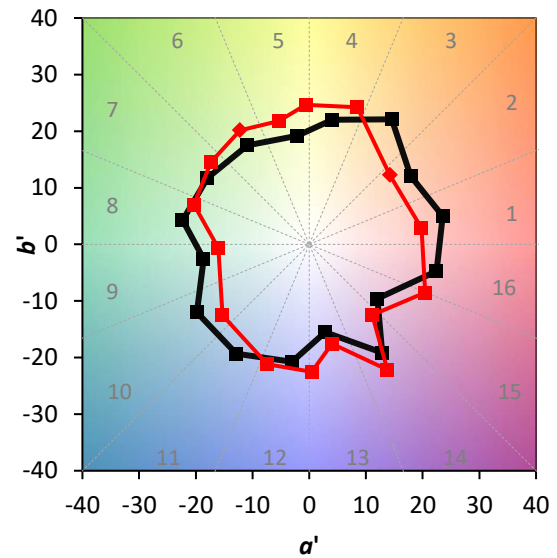
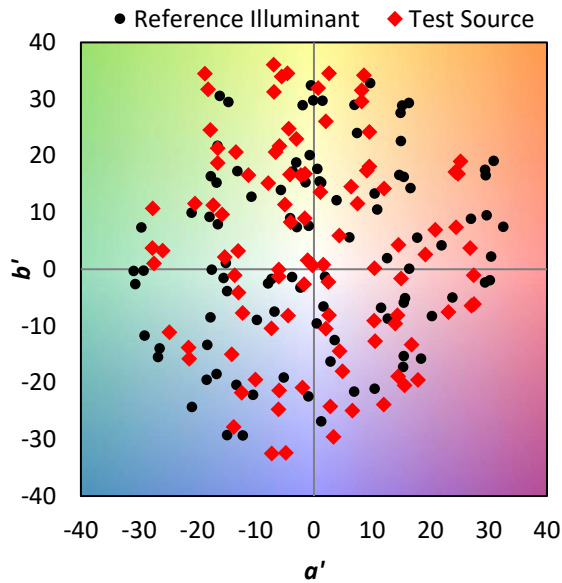
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 $CIE R_a = 70.2$
 $R_g = -35.1$

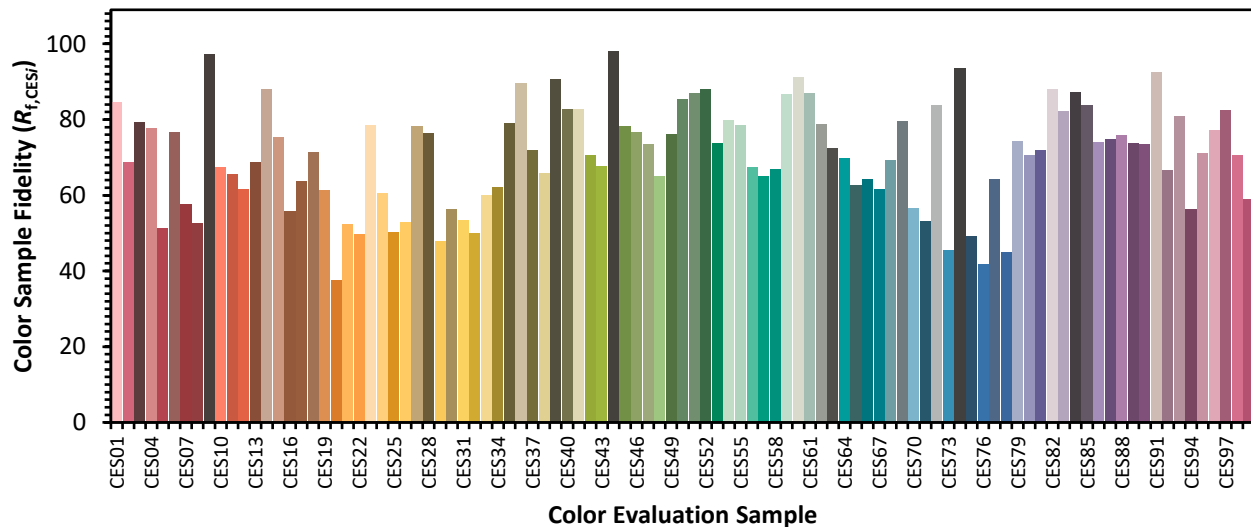


Color Vector Graphics

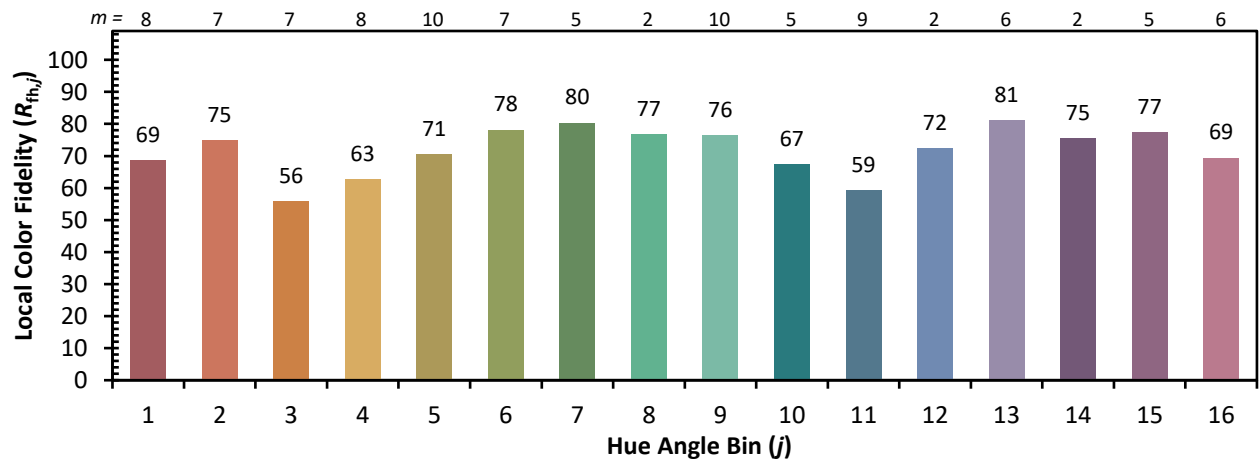
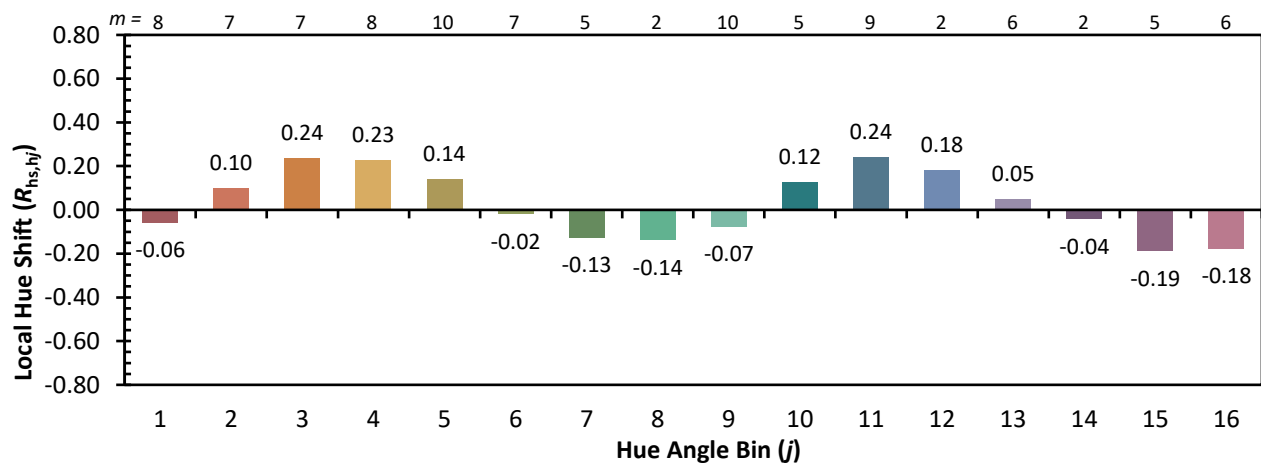
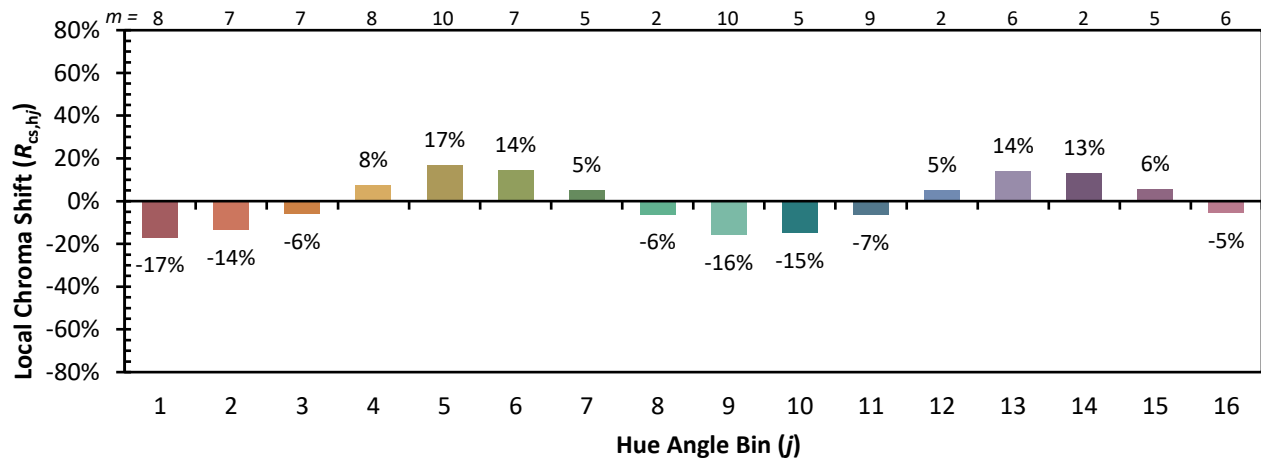


Individual Sample Fidelity Index ($R_{f,i}$)

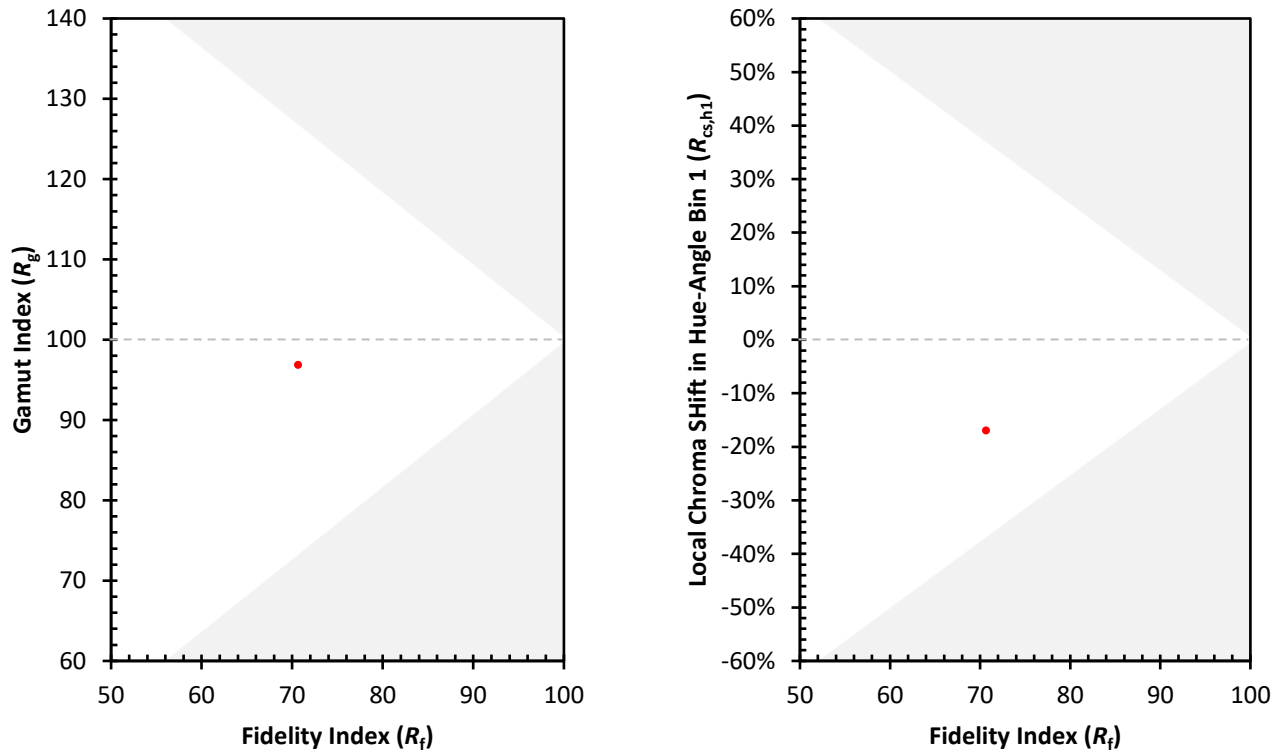
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)