

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: P1067052

Luminaire Tested: **NAV-SA6D-750-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067052
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6D-750-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 6xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38157.1 lumens
Efficiency: N/A
Efficacy: 119.1 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): 320.4
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

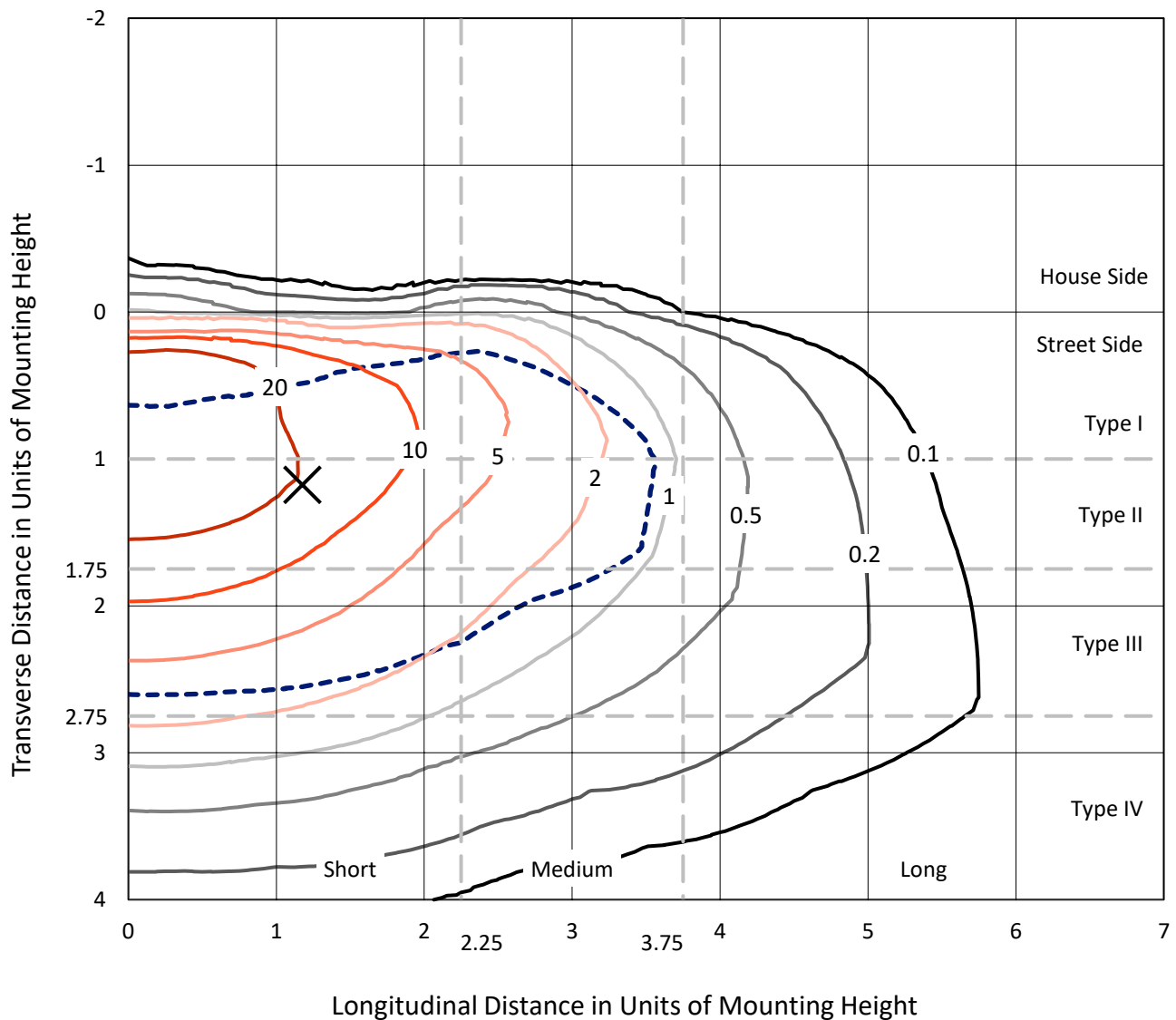


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

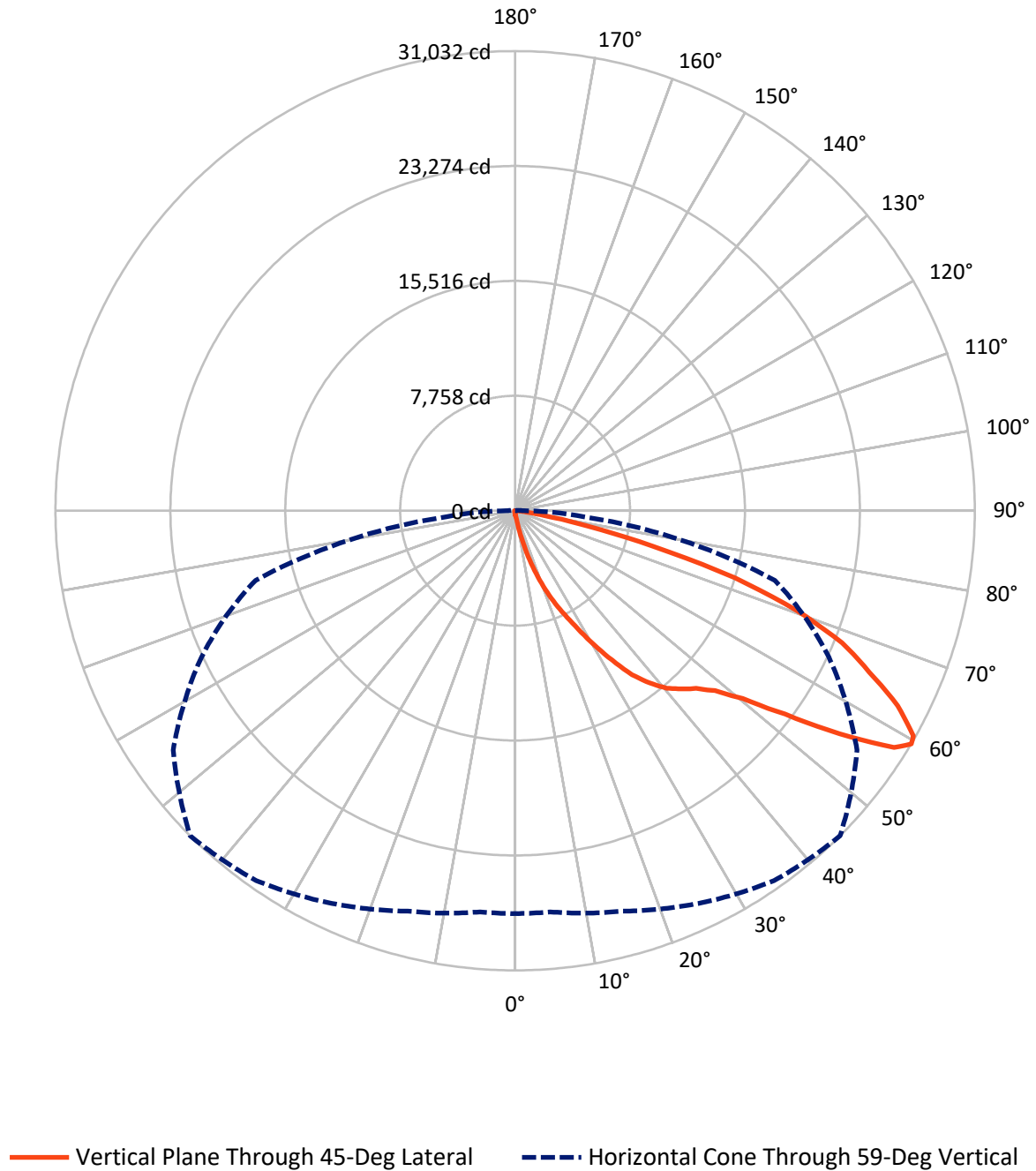


Based on 15 foot mounting height. Maximum calculated value = 41.6 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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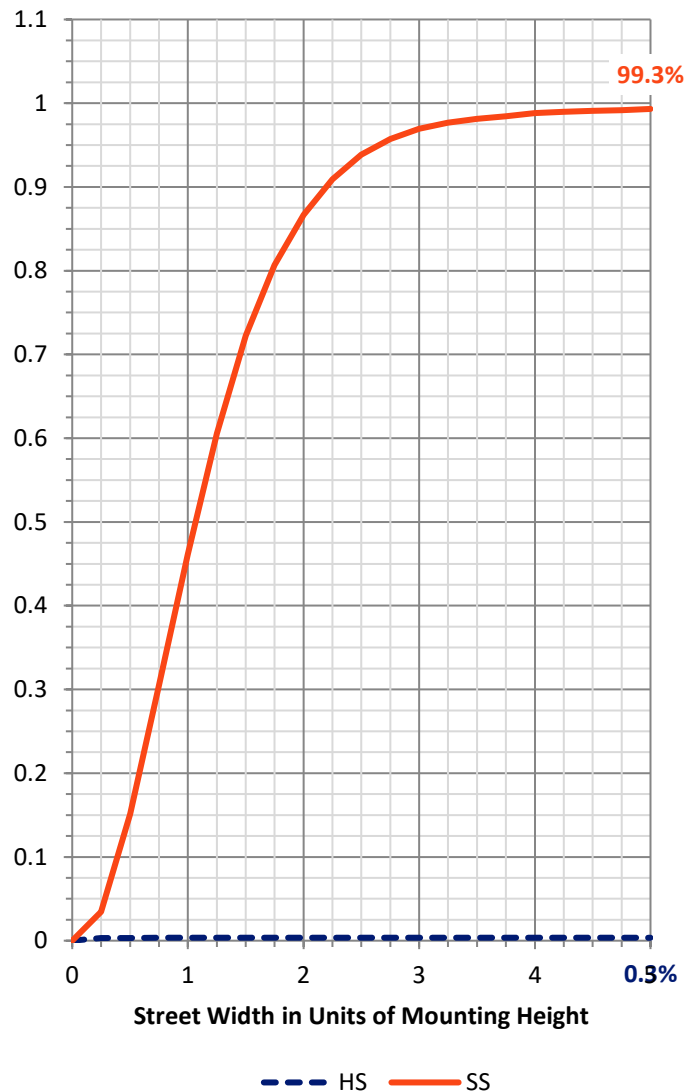
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	135.5	0.0	135.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	38021.6	0.0	38021.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	38157.1	0.0	38157.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.5	0.1
10°-20°	421.7	1.1
20°-30°	1515.4	4.0
30°-40°	3521.3	9.2
40°-50°	6001.9	15.7
50°-60°	9889.6	25.9
60°-70°	11434.5	30.0
70°-80°	4912.6	12.9
80°-90°	424.5	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°	38157.1	100.0
0°-180°	38157.1	100.0



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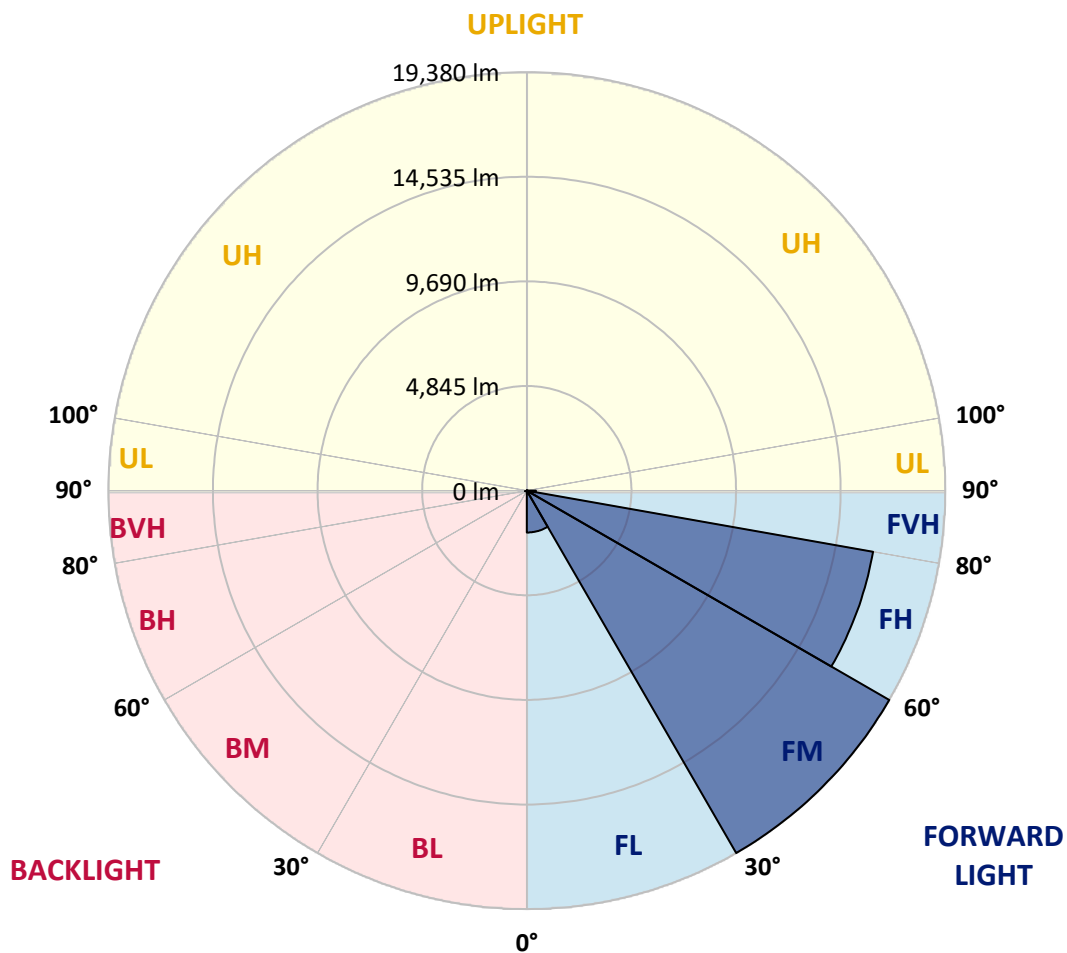
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1939.2	5.1			
FM	(30°-60°)	19380.0	50.8			
FH	(60°-80°)	16283.4	42.7			G5
FVH	(80°-90°)	419.0	1.1			G3/500
BL	(0°-30°)	33.4	0.1	B0/110		
BM	(30°-60°)	32.8	0.1	B0/220		
BH	(60°-80°)	63.7	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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°	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2
2.5°	313.0	313.0	305.3	295.1	292.5	284.8	284.8	277.1	266.8	259.1	248.9
5°	454.1	451.6	431.0	405.4	372.0	351.5	351.5	323.3	297.6	274.5	254.0
7.5°	992.9	969.8	895.4	772.3	610.6	502.9	495.2	402.8	341.2	295.1	256.6
10°	2278.3	2198.8	2093.6	1798.6	1329.0	928.8	910.8	587.5	407.9	318.1	261.7
12.5°	3733.1	3797.2	3586.8	3122.4	2573.4	1914.0	1785.7	990.4	538.8	348.9	266.8
15°	5057.0	5041.6	4923.6	4543.8	3910.1	3032.7	2953.1	1721.6	772.3	397.7	272.0
17.5°	6047.3	6029.4	5916.5	5672.7	5185.3	4307.8	4238.5	2745.3	1211.0	467.0	277.1
20°	7091.6	7068.5	6909.4	6714.4	6288.5	5541.9	5459.8	3889.6	1896.0	579.8	277.1
22.5°	8343.6	8300.0	8130.7	7799.7	7350.7	6701.6	6627.2	5059.5	2745.3	764.6	289.9
25°	9857.4	9783.0	9549.5	9251.9	8710.5	7848.5	7768.9	6362.9	3769.0	1044.2	302.8
27.5°	11584.1	11596.9	11281.4	10778.5	10052.4	9172.4	9023.5	7530.3	4828.6	1444.5	318.1
30°	13634.1	13505.8	13061.9	12477.0	11771.4	10650.2	10506.5	8692.6	6019.1	2034.6	343.8
32.5°	15553.2	15414.7	14816.9	14080.5	13323.6	12140.9	12022.8	9998.5	7101.8	2732.5	390.0
35°	17200.4	17102.9	16266.5	15368.5	14696.3	13639.2	13603.3	11455.8	8374.4	3484.2	441.3
37.5°	18650.0	18473.0	17398.0	16466.6	15784.1	14837.4	14760.4	12790.0	9600.8	4356.5	518.3
40°	19886.7	19789.2	18478.1	17254.3	16700.1	15853.4	15755.9	13959.9	10868.3	5370.0	613.2
42.5°	21210.6	21082.3	19809.7	18437.1	17415.9	16510.2	16446.1	14924.6	11997.2	6483.5	754.3
45°	22706.4	22467.8	21351.7	20120.2	18567.9	17190.1	17118.3	15784.1	13154.3	7679.1	926.2
47.5°	24304.8	24097.0	23193.9	22329.2	20543.5	18311.4	18157.4	16515.4	14303.7	9059.5	1144.3
50°	25931.5	25936.6	25259.3	24843.6	22957.8	20133.0	19914.9	17590.4	15512.2	10537.3	1467.6
52.5°	27825.0	27873.7	27863.4	27555.6	26093.1	23111.8	22819.3	19222.2	16915.6	12261.5	1914.0
55°	28617.8	28705.0	29272.0	29954.5	29556.8	26888.5	26575.5	22036.7	18775.7	14183.2	2576.0
57.5°	27968.6	28066.1	28848.7	30044.3	30957.7	30195.7	30159.7	25700.6	21226.0	16512.8	3658.7
59°	27196.4	27183.5	27986.6	29254.0	30485.6	30980.8	31032.1	28179.0	23360.6	18147.2	4592.6
60°	26683.2	26693.5	27227.1	28528.0	29836.5	30696.0	30896.1	29638.9	24607.6	19322.2	5393.1
62.5°	24702.5	24820.5	25243.9	26452.3	27694.1	28653.7	28994.9	30939.7	28176.5	22098.3	8176.9
65°	22549.9	22557.6	23160.5	24194.5	25385.0	26059.8	26275.3	28915.4	30560.0	24925.7	11827.8
67.5°	18709.0	18865.5	19550.6	21226.0	22798.8	23653.1	23817.3	25169.5	29572.2	26767.9	13657.2
70°	13092.7	13298.0	14275.5	16448.7	18791.1	20194.6	20184.3	20923.2	26026.4	25946.9	11579.0
72.5°	6537.4	6891.5	7689.4	10016.5	12854.1	15058.1	15522.4	16831.0	20907.8	21551.8	8638.7
75°	2889.0	2909.5	3363.6	4536.1	6388.6	9187.7	9603.4	13359.6	16040.7	14978.5	6239.8
77.5°	1680.5	1695.9	1778.0	2037.2	2588.8	4502.8	4969.7	8761.8	11335.2	8705.4	4069.2
80°	610.6	626.0	623.5	772.3	1134.0	1772.9	1975.6	4246.2	7561.1	4584.9	2132.1
82.5°	374.6	374.6	361.8	364.3	413.1	679.9	744.1	1808.8	3681.8	2257.8	610.6
85°	184.7	195.0	207.8	233.5	277.1	336.1	356.6	518.3	1239.2	546.5	146.2
87.5°	110.3	112.9	123.2	148.8	184.7	241.2	256.6	351.5	443.9	366.9	35.9
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2
2.5°	243.7	241.2	228.3	218.1	207.8	197.6	189.9	182.2	182.2	184.7	182.2
5°	243.7	233.5	213.0	195.0	179.6	166.8	153.9	143.7	141.1	141.1	143.7
7.5°	241.2	228.3	200.1	177.0	156.5	138.5	125.7	112.9	110.3	112.9	110.3
10°	238.6	223.2	189.9	161.6	133.4	115.5	97.5	84.7	84.7	84.7	87.2
12.5°	238.6	215.5	179.6	146.2	115.5	94.9	77.0	64.1	61.6	61.6	61.6
15°	236.0	210.4	169.3	128.3	97.5	71.8	56.4	43.6	43.6	43.6	43.6
17.5°	230.9	202.7	156.5	112.9	77.0	53.9	38.5	25.7	25.7	30.8	30.8
20°	225.8	195.0	141.1	92.4	64.1	41.1	25.7	15.4	15.4	23.1	25.7
22.5°	228.3	195.0	130.9	82.1	51.3	30.8	20.5	12.8	10.3	18.0	23.1
25°	230.9	189.9	118.0	71.8	38.5	23.1	15.4	5.1	2.6	5.1	7.7
27.5°	230.9	184.7	102.6	56.4	28.2	18.0	7.7	0.0	0.0	0.0	0.0
30°	228.3	177.0	89.8	46.2	20.5	10.3	2.6	0.0	0.0	0.0	0.0
32.5°	225.8	169.3	82.1	35.9	18.0	5.1	0.0	0.0	0.0	0.0	0.0
35°	228.3	159.1	71.8	28.2	10.3	0.0	0.0	0.0	0.0	0.0	5.1
37.5°	236.0	148.8	61.6	23.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	246.3	141.1	51.3	18.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	266.8	141.1	46.2	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	292.5	141.1	38.5	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	325.8	143.7	33.4	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	366.9	148.8	30.8	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	397.7	143.7	28.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	451.6	138.5	25.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	523.4	130.9	25.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	595.2	120.6	25.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	677.3	115.5	23.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1118.6	102.6	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2160.3	97.5	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3491.9	97.5	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3671.5	97.5	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2442.5	79.5	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1308.5	71.8	7.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	705.6	66.7	10.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	310.4	48.7	12.8	7.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	123.2	33.4	15.4	12.8	10.3	5.1	0.0	0.0	0.0	0.0	0.0
85°	59.0	25.7	20.5	18.0	12.8	7.7	0.0	0.0	0.0	0.0	0.0
87.5°	28.2	25.7	23.1	20.5	18.0	12.8	2.6	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: SP1-2407-184-6

Test Date: 10/10/2024

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

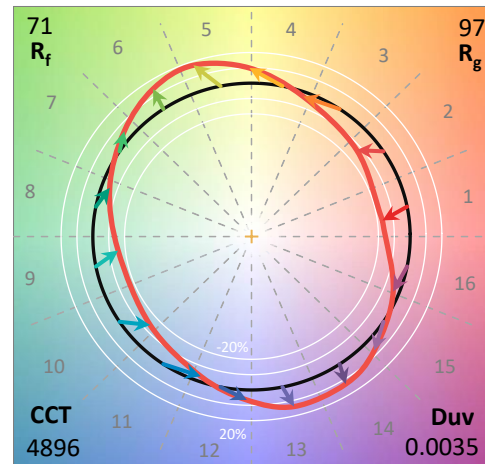
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

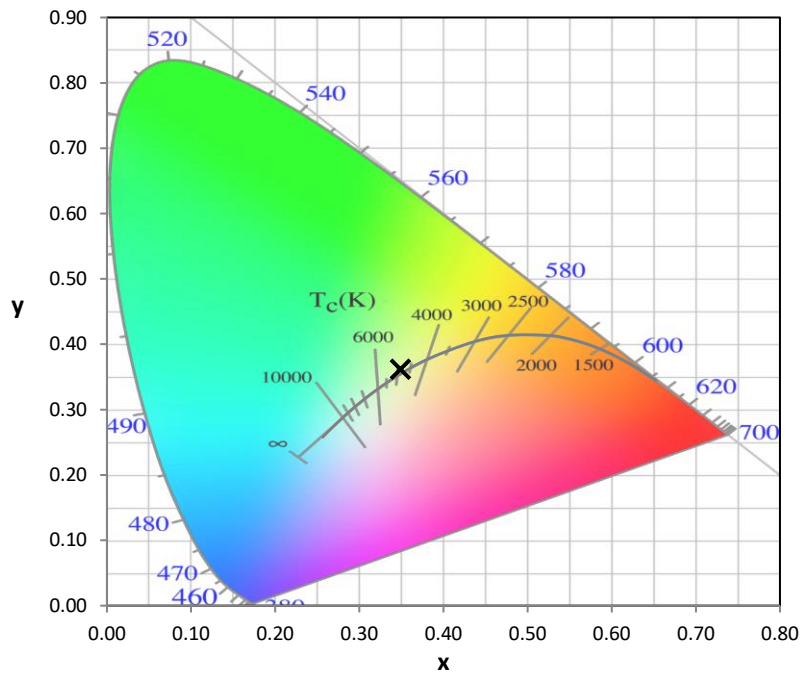
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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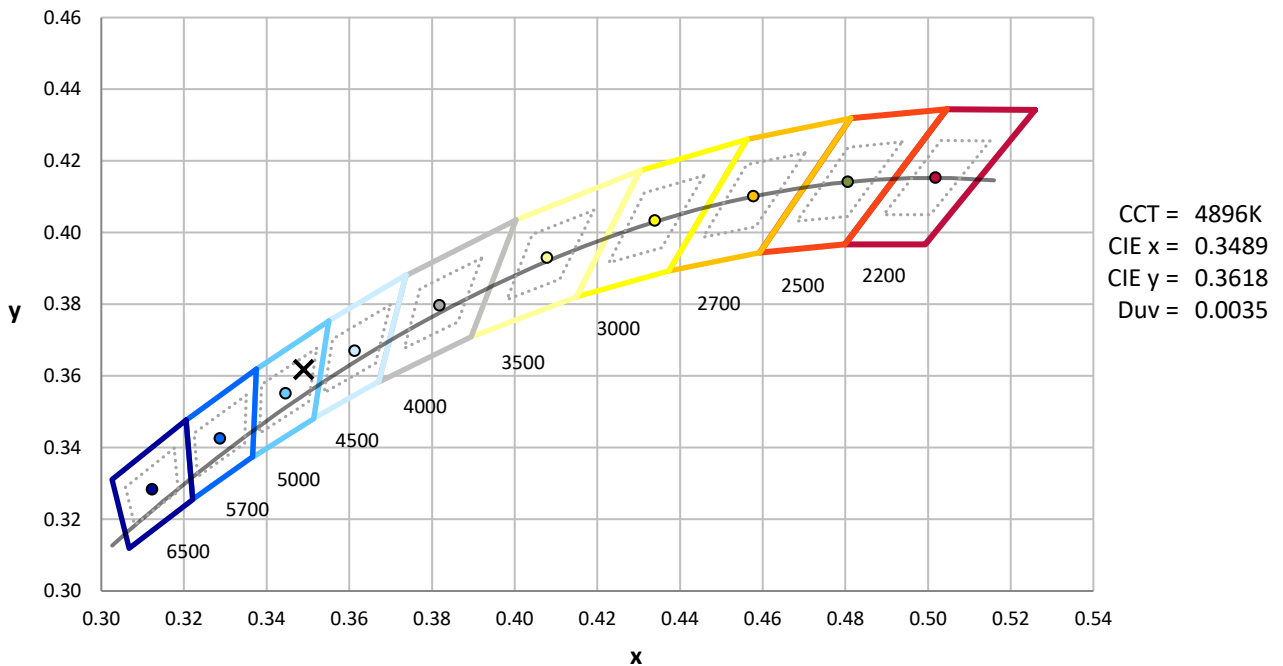
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



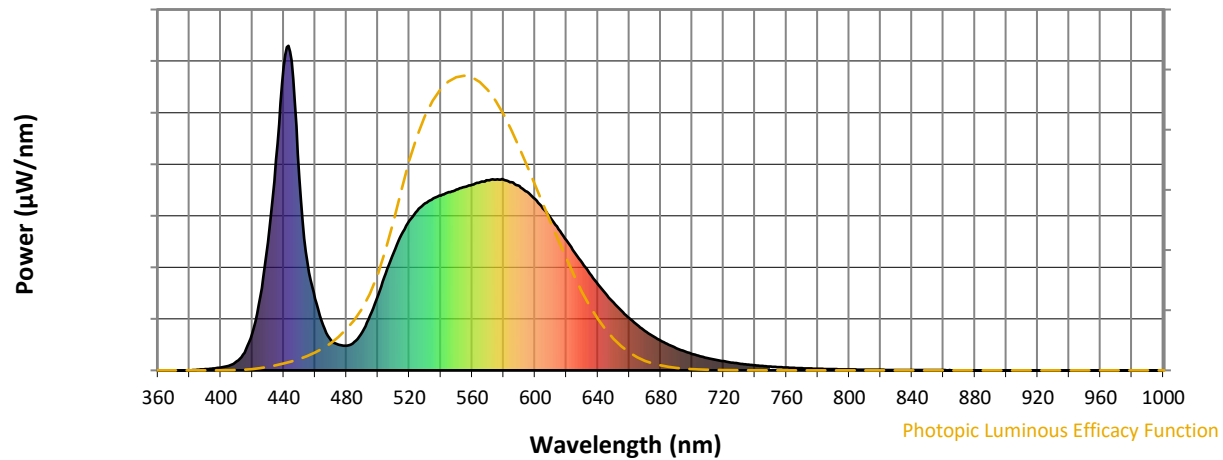
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

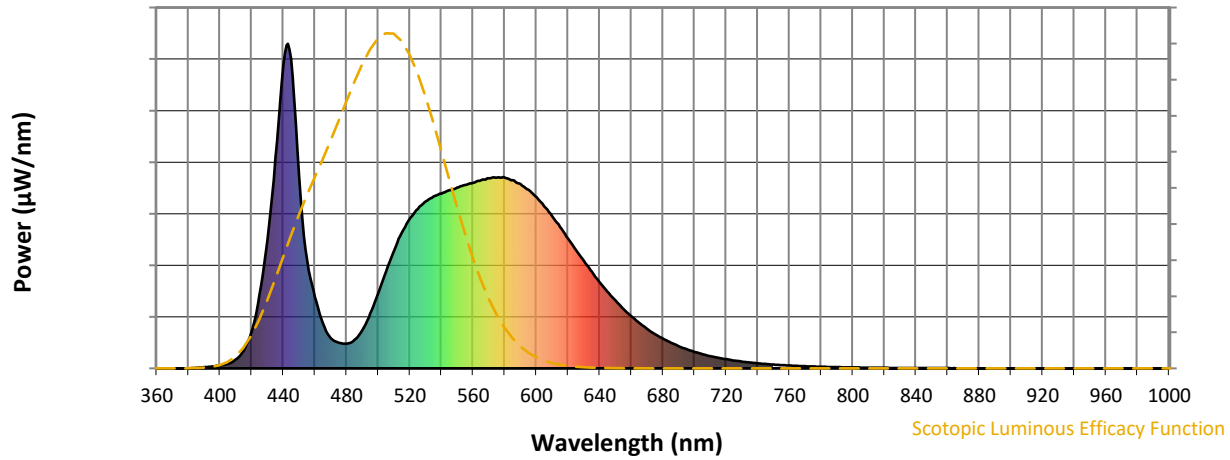


Photopic Lumens: NR

λ (nm)	Power W [^] /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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Scotopic Flux vs. Wavelength



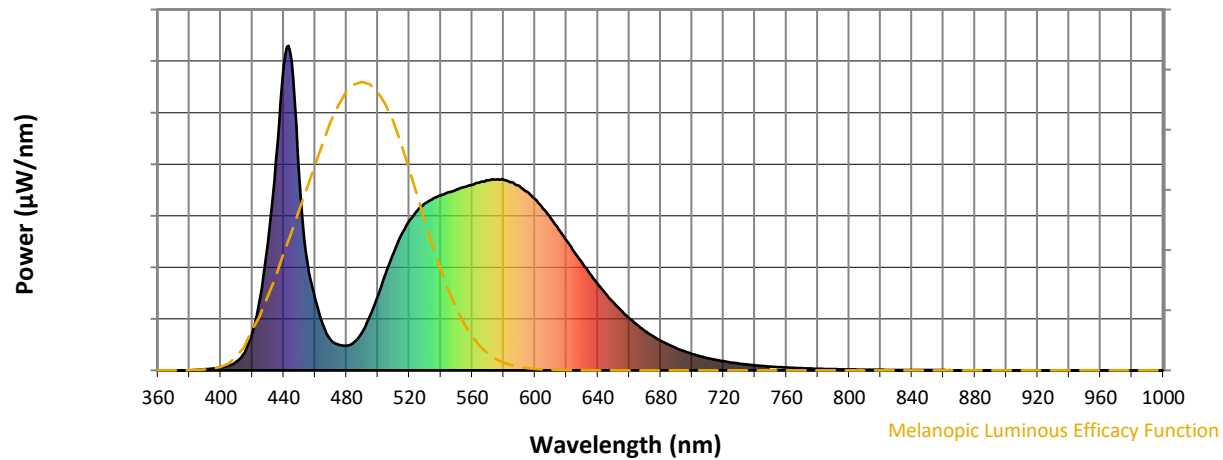
Scotopic Lumens: NR

S/P: 1.7

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

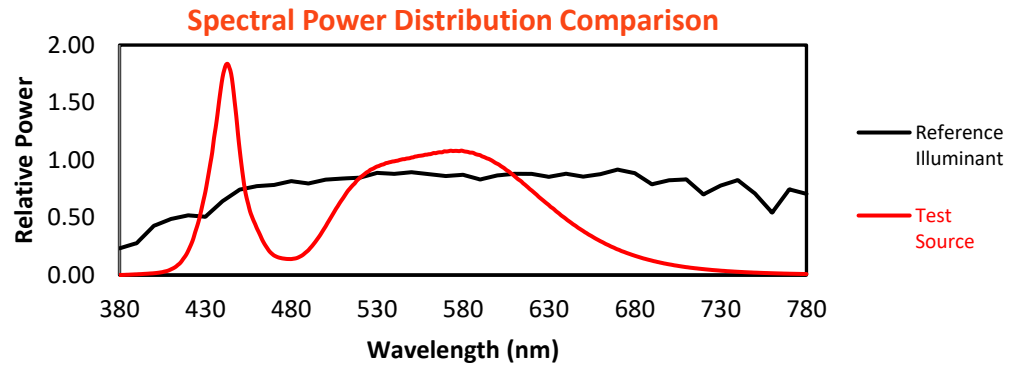
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	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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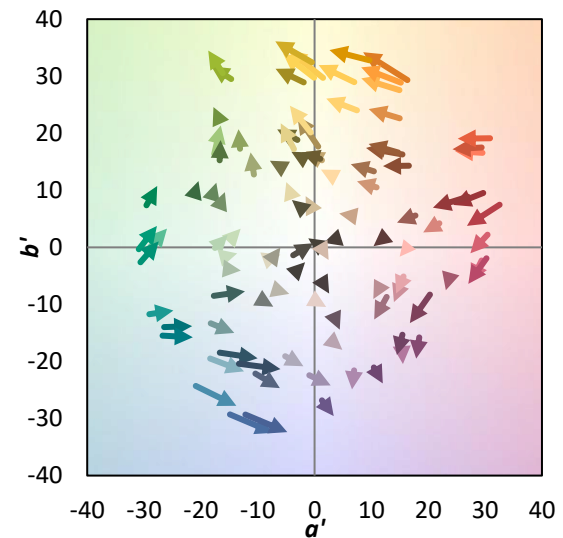
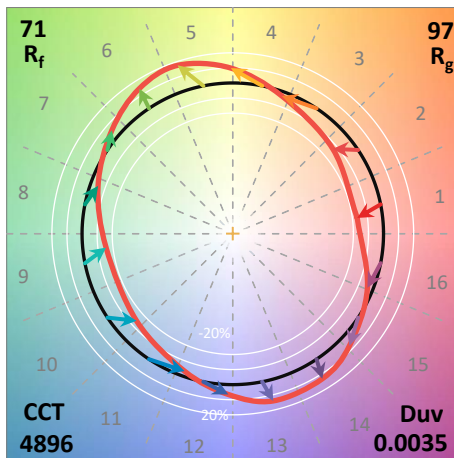
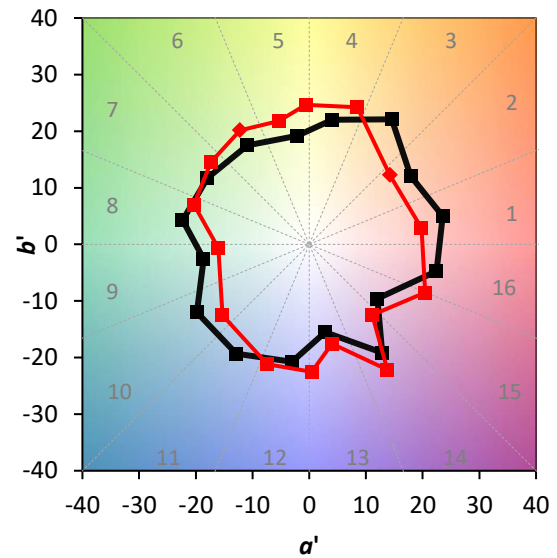
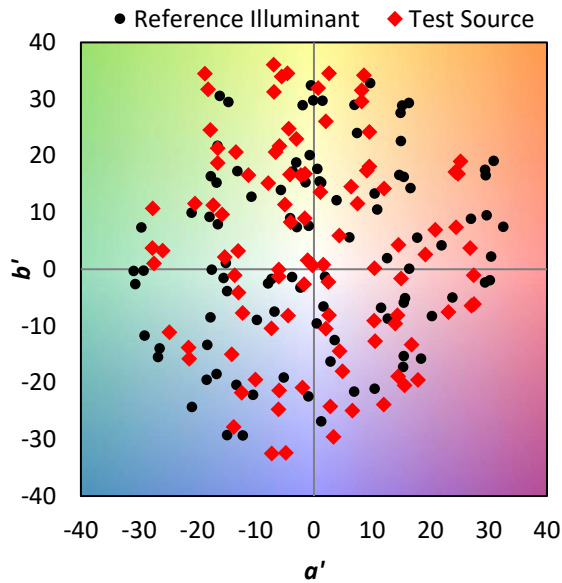
TM-30-18

Summary

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

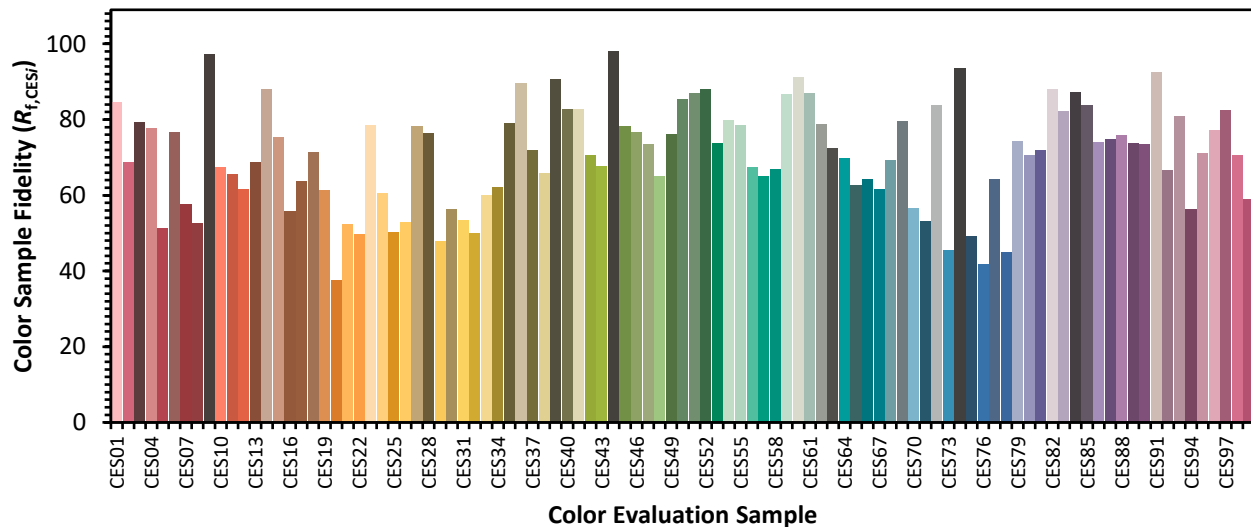


Color Vector Graphics

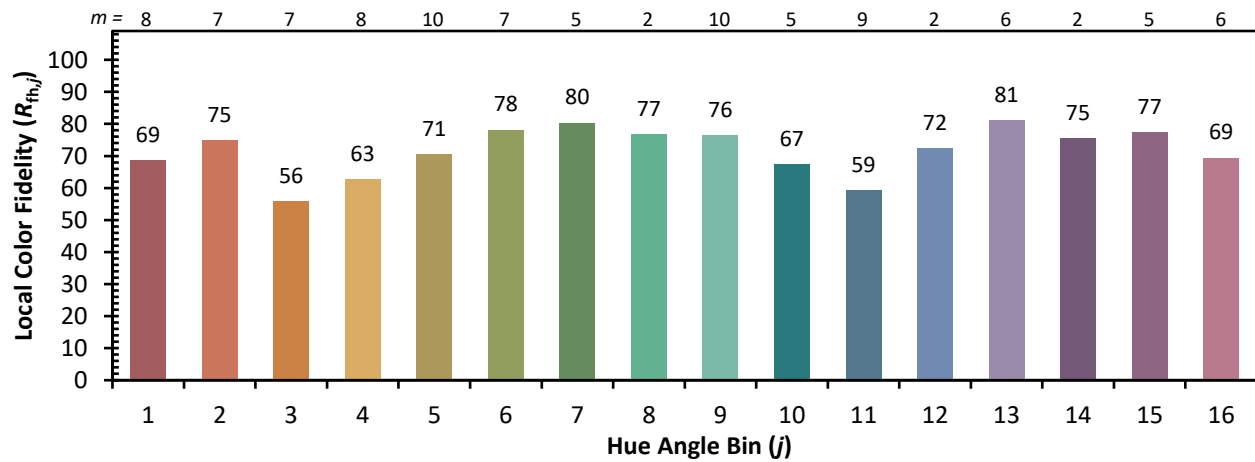
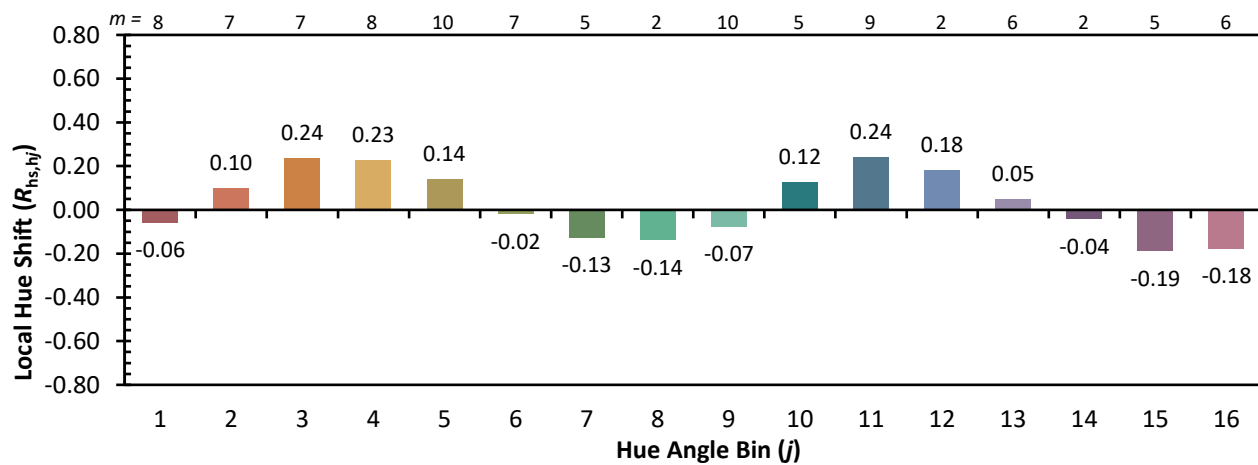
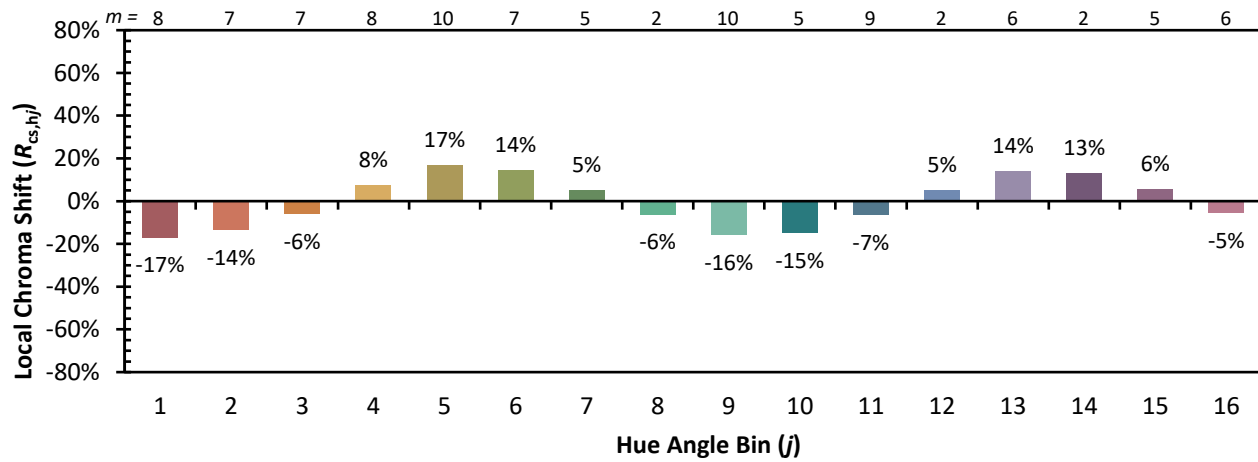


Individual Sample Fidelity Index ($R_{f,i}$)

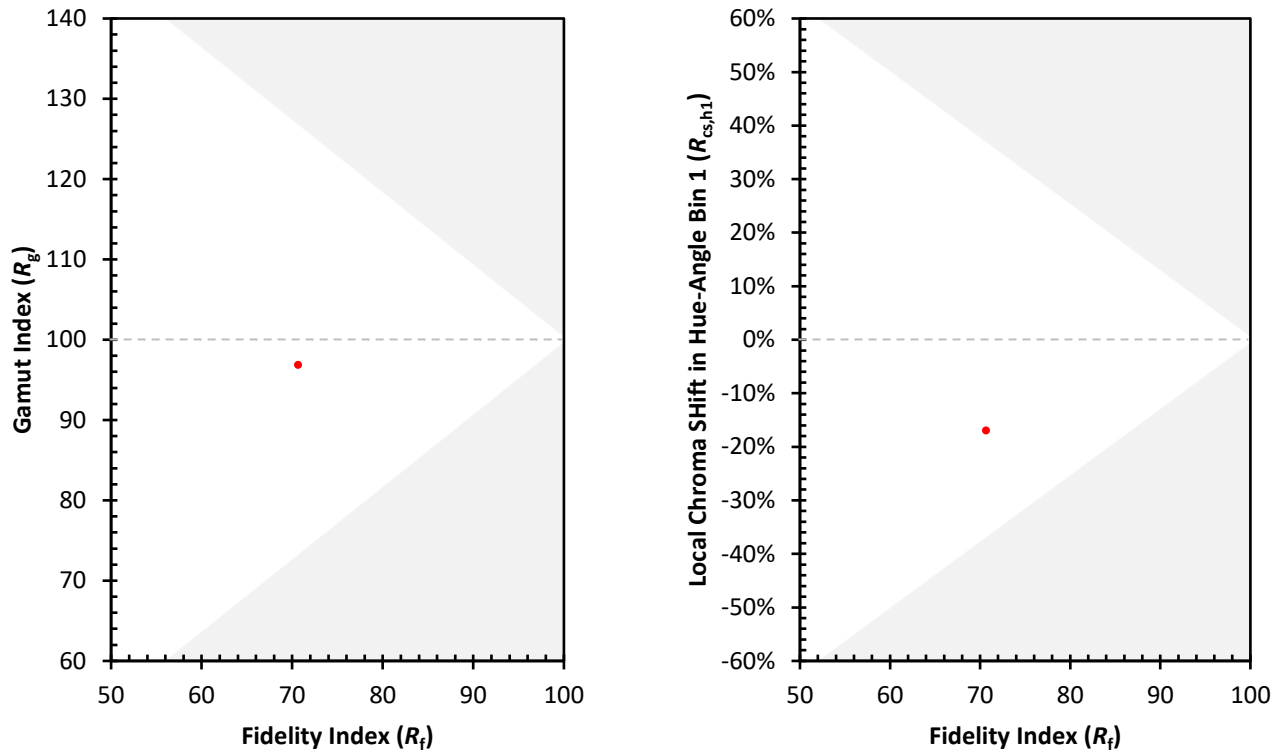
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 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)