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: P1067159

Luminaire Tested: **NAV-SA3C-740-U-T2BC**

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:	P1067159
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA3C-740-U-T2BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(42) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16324.7 lumens
Efficiency:	N/A
Efficacy:	116.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	140.4
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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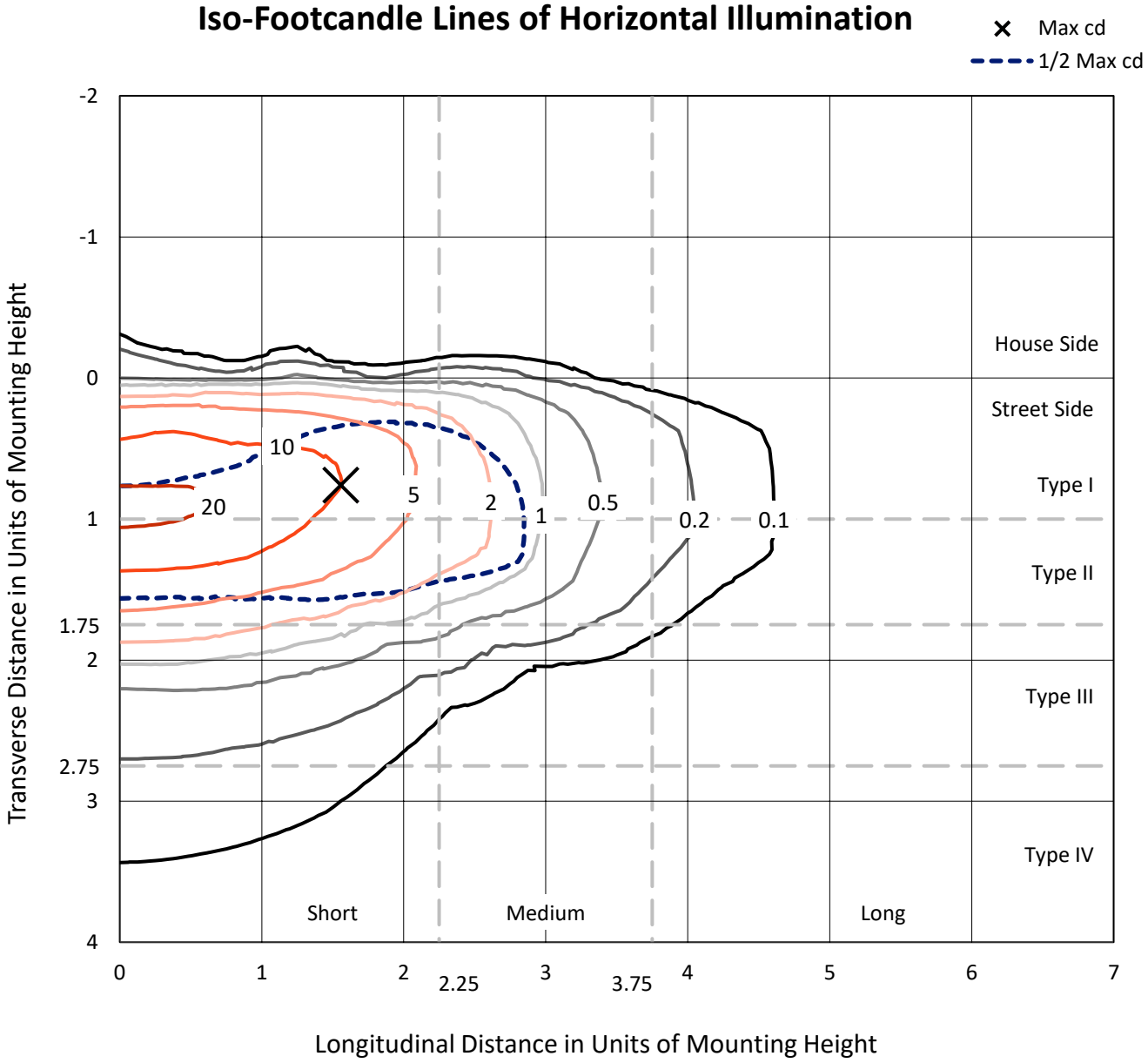
REPORT NUMBER: P1067159
CATALOG NUMBER: NAV-SA3C-740-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 23.4 fc
Type II - Short - N/A

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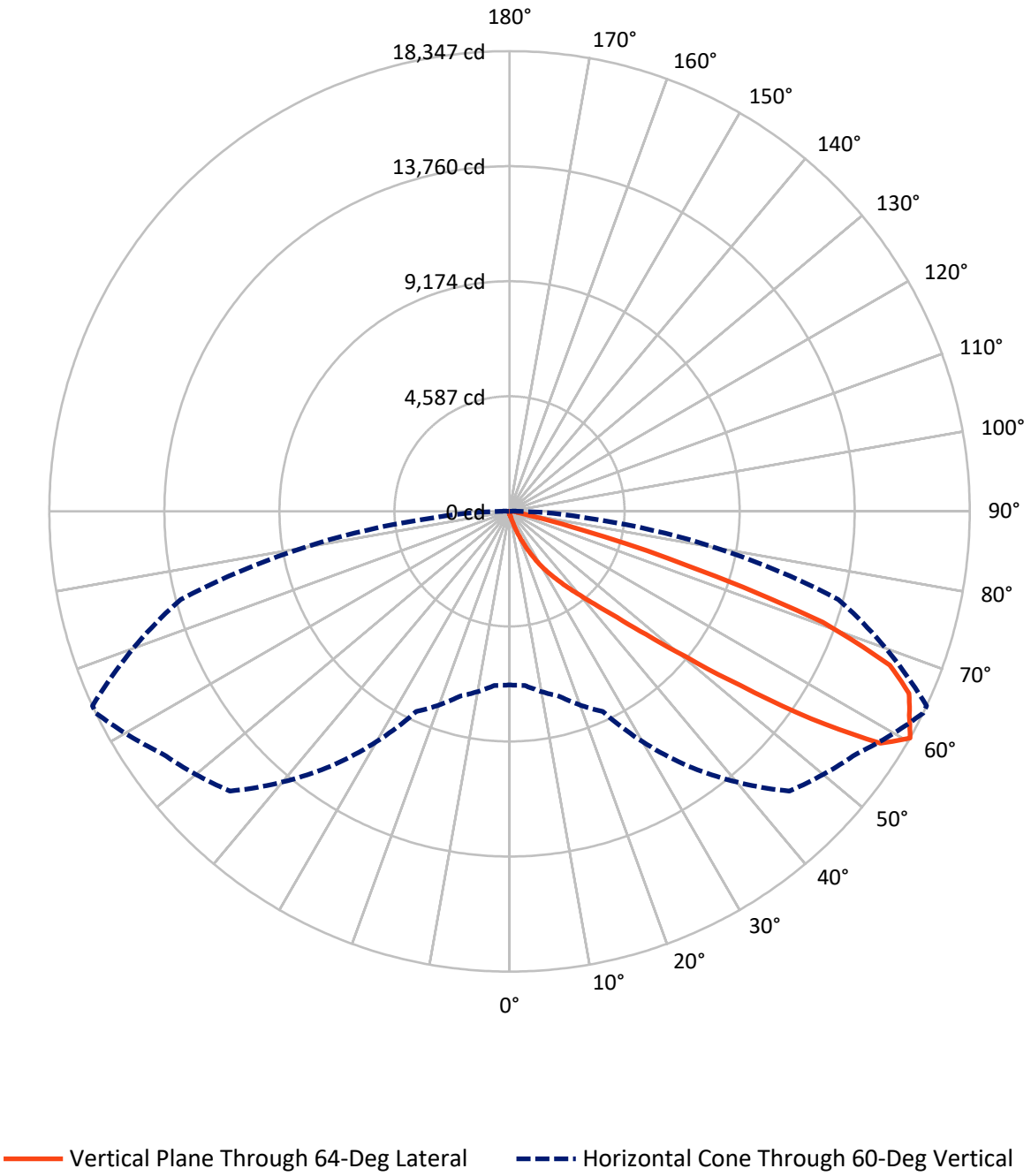
Luminous Intensity Polar Plot



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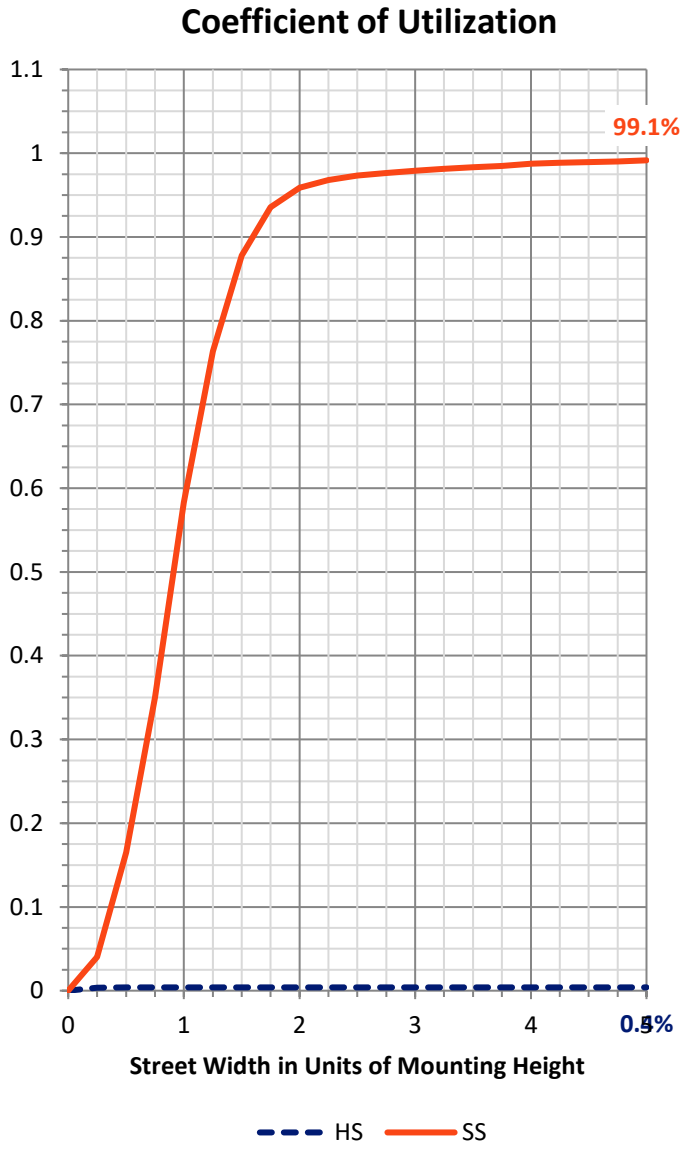
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	66.2	0.0	66.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16258.5	0.0	16258.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	16324.7	0.0	16324.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	0.1
10°-20°	160.4	1.0
20°-30°	532.8	3.3
30°-40°	1421.7	8.7
40°-50°	3613.5	22.1
50°-60°	5267.7	32.3
60°-70°	4068.8	24.9
70°-80°	1117.4	6.8
80°-90°	126.1	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°	16324.7	100.0
0°-180°	16324.7	100.0



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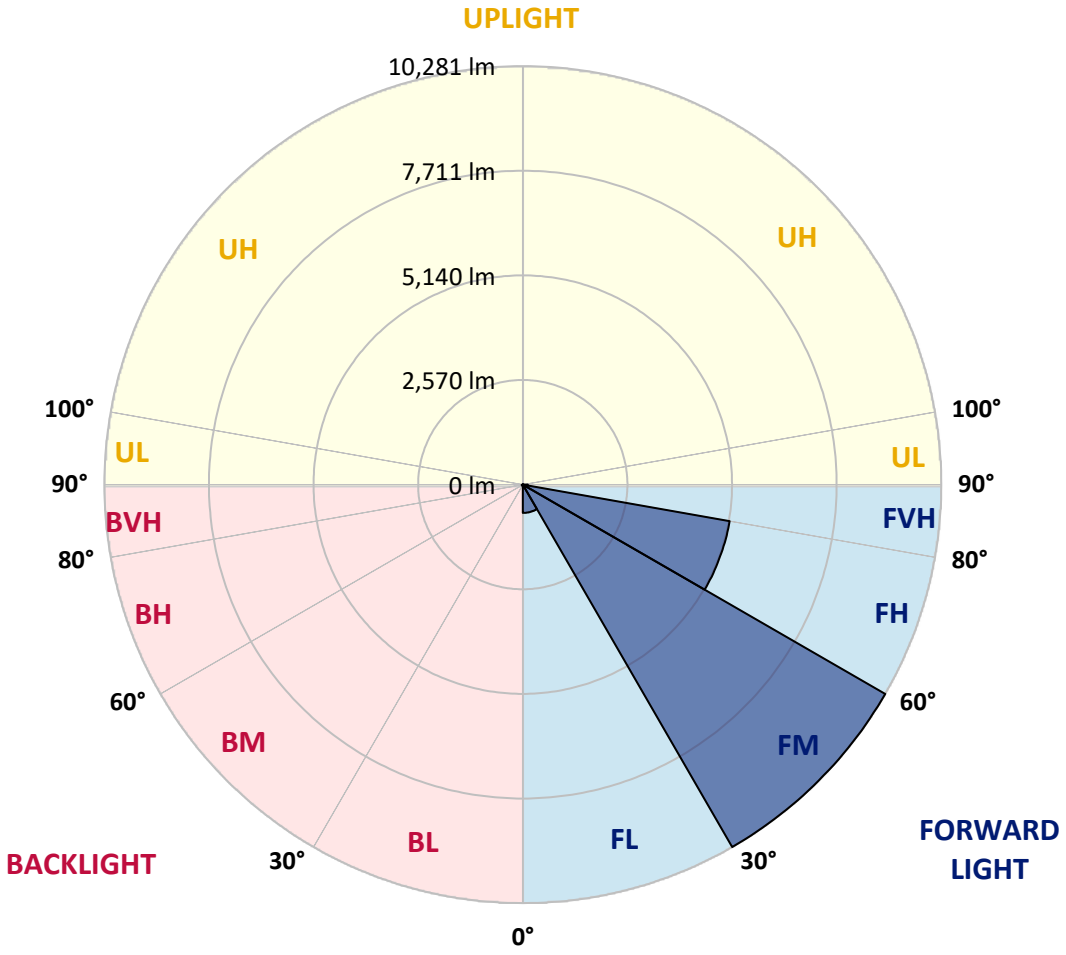
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	694.6	4.3			
FM	(30°-60°)	10281.0	63.0			
FH	(60°-80°)	5159.8	31.6			G3/7500
FVH	(80°-90°)	123.1	0.8			G2/225
BL	(0°-30°)	14.9	0.1	B0/110		
BM	(30°-60°)	21.9	0.1	B0/220		
BH	(60°-80°)	26.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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°	107.8	107.8	107.8	107.8	107.8	107.8	107.8	*107.8*	107.8	107.8	107.8
2.5°	143.8	143.8	143.8	139.3	134.8	134.8	130.3	*125.8*	125.8	116.8	112.3
5°	220.2	220.2	211.2	202.2	188.7	170.8	152.8	*139.3*	139.3	125.8	116.8
7.5°	431.4	444.9	404.4	355.0	287.6	242.7	193.2	*161.8*	157.3	134.8	116.8
10°	934.7	925.7	862.8	741.4	584.2	422.4	269.6	*197.7*	188.7	143.8	116.8
12.5°	1406.5	1420.0	1352.6	1217.8	1029.0	750.4	462.8	*256.1*	247.1	157.3	116.8
15°	1810.9	1810.9	1766.0	1698.6	1491.9	1199.8	745.9	*382.0*	350.5	170.8	112.3
17.5°	2089.5	2085.0	2067.1	2049.1	1927.8	1626.7	1141.4	*611.1*	539.2	202.2	112.3
20°	2404.1	2390.6	2413.1	2377.1	2282.7	2044.6	1559.3	*907.7*	840.3	256.1	112.3
22.5°	2732.1	2745.6	2763.6	2727.6	2624.3	2417.6	1999.6	*1289.7*	1217.8	355.0	116.8
25°	3150.0	3141.0	3181.5	3150.0	3019.7	2777.0	2413.1	*1707.6*	1604.2	494.3	125.8
27.5°	3662.3	3644.3	3671.3	3590.4	3419.6	3172.5	2781.5	*2134.5*	2013.1	710.0	143.8
30°	4340.8	4354.3	4233.0	4138.6	3895.9	3567.9	3190.4	*2592.8*	2467.0	966.1	161.8
32.5°	5410.3	5315.9	5127.2	4745.2	4426.2	4008.3	3599.4	*2992.7*	2880.4	1294.2	188.7
35°	7077.4	7095.4	6682.0	5738.3	5046.3	4561.0	4048.7	*3433.1*	3352.2	1667.1	224.7
37.5°	9108.5	9059.1	8695.1	7504.3	5954.0	5248.5	4561.0	*3913.9*	3797.1	2071.5	269.6
40°	11409.2	11202.5	10991.3	10182.5	7845.8	6111.3	5208.1	*4471.1*	4381.3	2538.9	341.5
42.5°	13251.6	13197.7	13233.6	12896.6	11000.3	7580.7	6066.3	*5154.1*	5046.3	3118.6	467.3
45°	14159.3	14082.9	14298.6	14550.2	14064.9	10708.2	7450.4	*6025.9*	5882.1	3801.6	660.6
47.5°	13916.7	13862.7	14325.6	14819.9	15466.9	14334.6	9710.7	*7329.0*	7081.9	4677.8	948.1
50°	12721.4	12725.8	13485.3	14406.5	15431.0	16172.4	13058.4	*9113.0*	8802.9	5841.7	1397.5
52.5°	11557.5	11593.5	12397.8	13741.4	14896.3	16388.1	15997.2	*11517.1*	11013.8	7212.2	1927.8
55°	10362.2	10380.2	11090.2	12982.0	14644.6	15745.5	17507.0	*14613.2*	14078.4	8919.8	2444.5
57.5°	9211.9	9211.9	9477.0	11157.6	14370.5	15687.1	17327.3	*17444.1*	17008.2	10870.0	2826.5
60°	*6920.1*	*6965.1*	*7625.6*	*8802.9*	*12393.3*	*15772.5*	*16868.9*	*18347.3*	*18347.3*	*13575.1*	*3118.6*
62.5°	3496.0	3563.4	4385.7	5531.6	8501.9	14595.2	16940.8	*17893.5*	17965.4	15961.2	3783.6
65°	1640.2	1716.6	2156.9	2965.8	4574.5	10272.3	16194.9	*17507.0*	17484.6	15507.4	5185.6
67.5°	1177.3	1199.8	1348.1	1730.0	2462.5	4502.6	12361.9	*16352.2*	16361.2	13175.2	5963.0
70°	1056.0	1056.0	1091.9	1204.3	1482.9	2013.1	6007.9	*13242.6*	13885.2	10173.5	5527.1
72.5°	1042.5	1033.5	1024.5	1029.0	1002.1	1011.1	2062.6	*7477.3*	8394.0	7117.8	4408.2
75°	1015.6	1015.6	1006.6	975.1	799.9	651.6	710.0	*3024.2*	3496.0	4754.2	3271.3
77.5°	804.4	885.2	979.6	921.2	732.5	489.8	413.4	*876.3*	1105.4	2916.3	2372.6
80°	373.0	377.5	373.0	390.9	467.3	350.5	305.6	*426.9*	431.4	1617.7	1469.4
82.5°	269.6	274.1	260.6	233.7	206.7	188.7	251.6	*314.6*	337.0	741.4	548.2
85°	80.9	76.4	89.9	121.3	143.8	166.3	211.2	*265.1*	278.6	274.1	80.9
87.5°	35.9	35.9	44.9	62.9	85.4	125.8	184.2	*242.7*	247.1	283.1	22.5
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-SA3C-740-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8
2.5°	112.3	107.8	103.4	98.9	94.4	89.9	85.4	85.4	89.9	89.9	89.9
5°	107.8	103.4	94.4	85.4	80.9	76.4	71.9	71.9	76.4	76.4	76.4
7.5°	107.8	98.9	89.9	80.9	71.9	67.4	62.9	62.9	62.9	67.4	67.4
10°	107.8	98.9	85.4	71.9	62.9	58.4	53.9	49.4	53.9	53.9	53.9
12.5°	103.4	94.4	80.9	67.4	53.9	44.9	40.4	40.4	40.4	40.4	40.4
15°	98.9	89.9	76.4	58.4	44.9	35.9	27.0	27.0	27.0	31.5	31.5
17.5°	94.4	85.4	67.4	44.9	31.5	22.5	18.0	18.0	18.0	22.5	22.5
20°	94.4	80.9	58.4	35.9	22.5	13.5	9.0	9.0	9.0	13.5	18.0
22.5°	94.4	80.9	53.9	27.0	13.5	9.0	4.5	4.5	4.5	4.5	4.5
25°	94.4	76.4	49.4	22.5	9.0	4.5	0.0	0.0	4.5	9.0	13.5
27.5°	94.4	71.9	40.4	13.5	9.0	4.5	0.0	4.5	9.0	9.0	9.0
30°	94.4	71.9	35.9	13.5	4.5	0.0	0.0	4.5	9.0	9.0	13.5
32.5°	98.9	67.4	31.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	103.4	62.9	27.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	112.3	62.9	18.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	125.8	67.4	18.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	157.3	71.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	220.2	89.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	323.5	134.8	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	471.8	184.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	579.7	184.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	575.2	116.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	440.4	80.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	*373.0*	*58.4*	*4.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	449.4	44.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	799.9	40.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1285.2	40.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1437.9	40.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1123.4	35.9	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	615.6	31.5	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	310.1	22.5	9.0	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0
80°	130.3	18.0	9.0	4.5	4.5	4.5	0.0	0.0	0.0	0.0	0.0
82.5°	44.9	18.0	9.0	9.0	4.5	4.5	0.0	0.0	0.0	0.0	0.0
85°	22.5	13.5	13.5	9.0	9.0	4.5	4.5	0.0	0.0	0.0	0.0
87.5°	13.5	13.5	13.5	9.0	9.0	4.5	4.5	0.0	0.0	0.0	4.5
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: SP1-2407-184-1

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

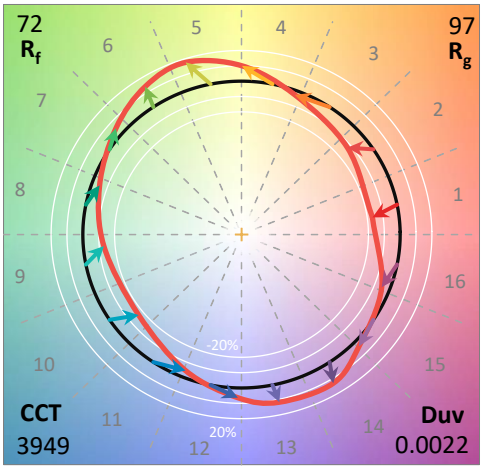
Test Information

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
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

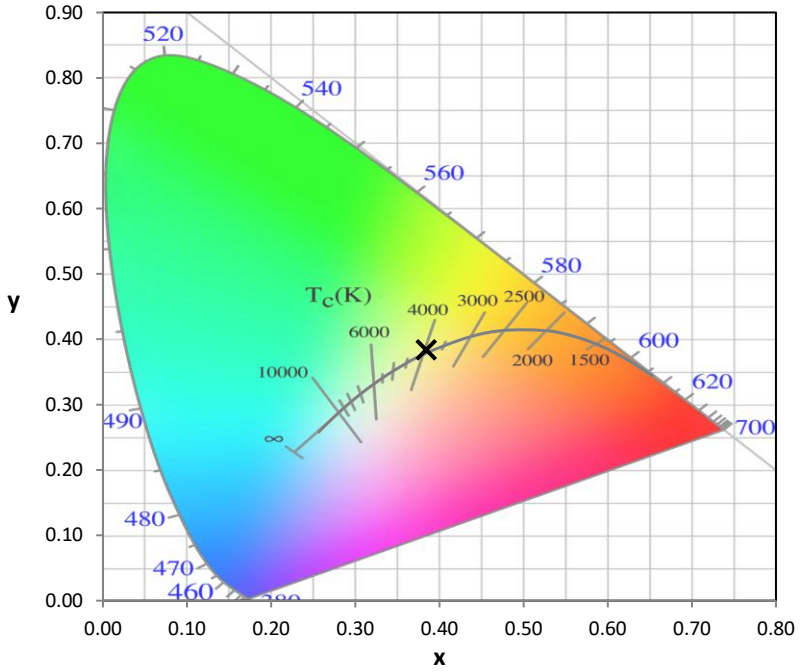
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

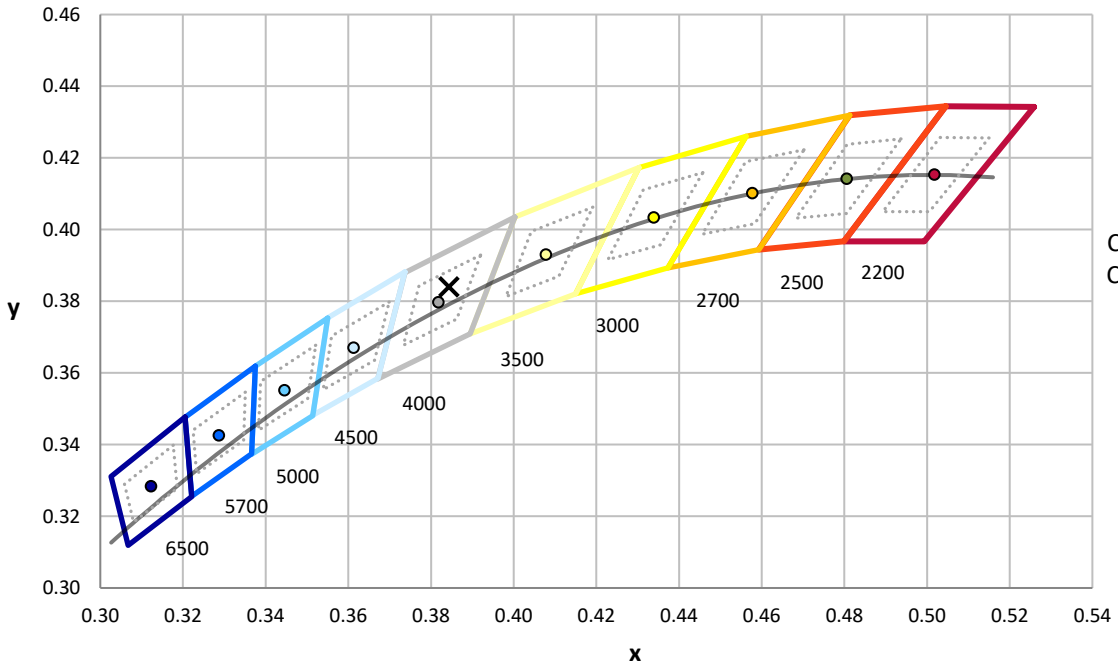
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

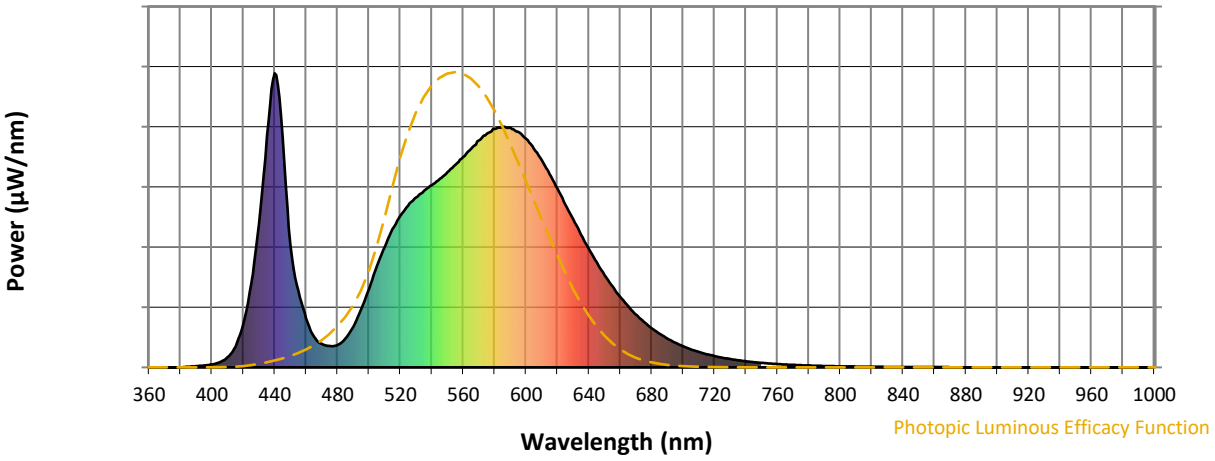


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

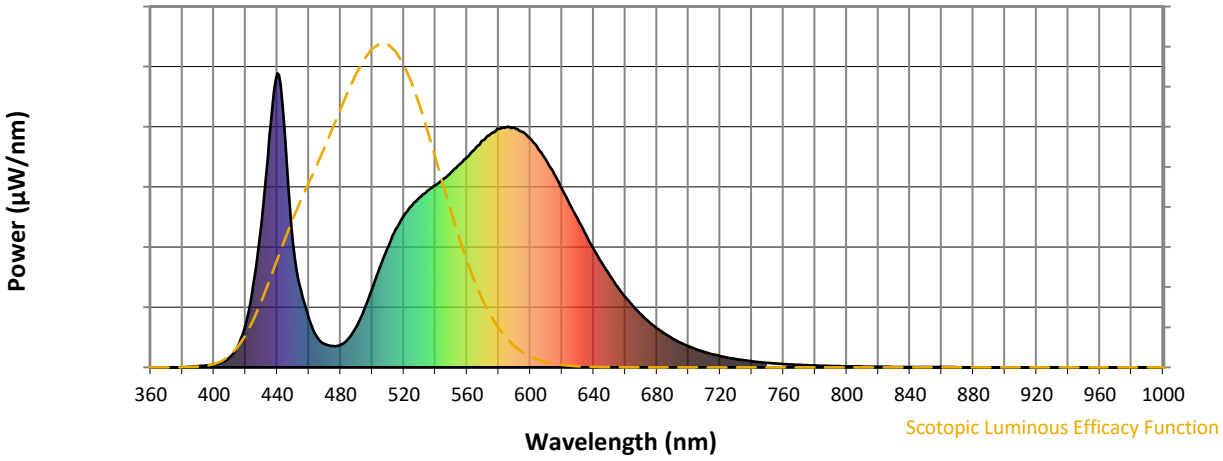


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

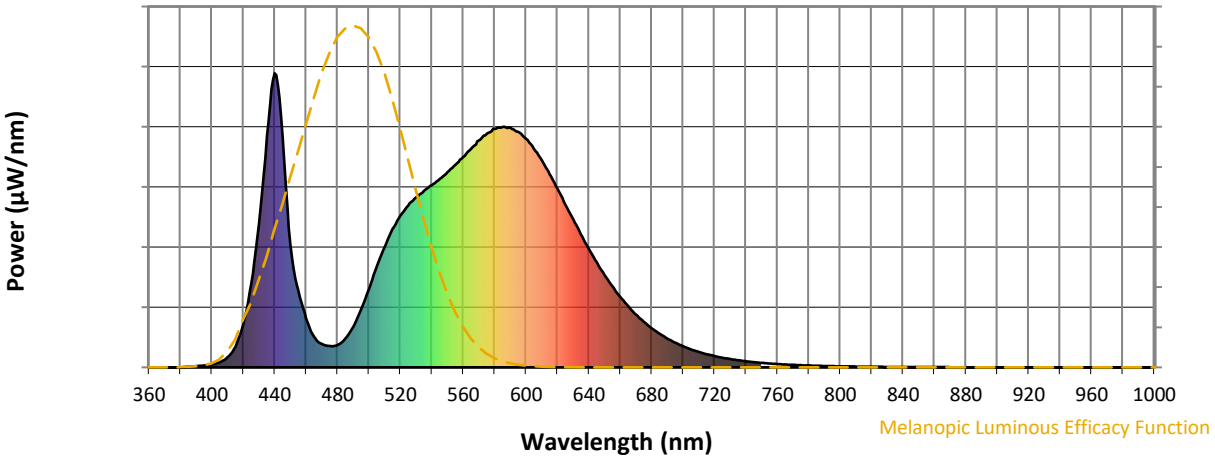


Scotopic Lumens: NR **S/P: 1.47**

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			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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			

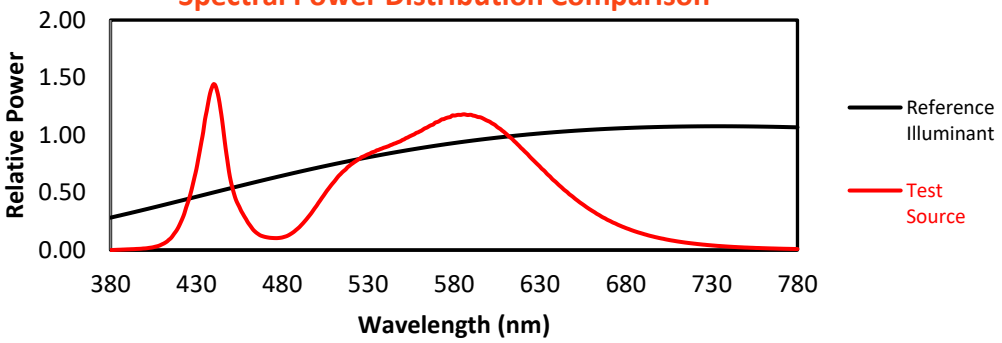
REPORT NUMBER: SP1-2407-184-1

TM-30-18

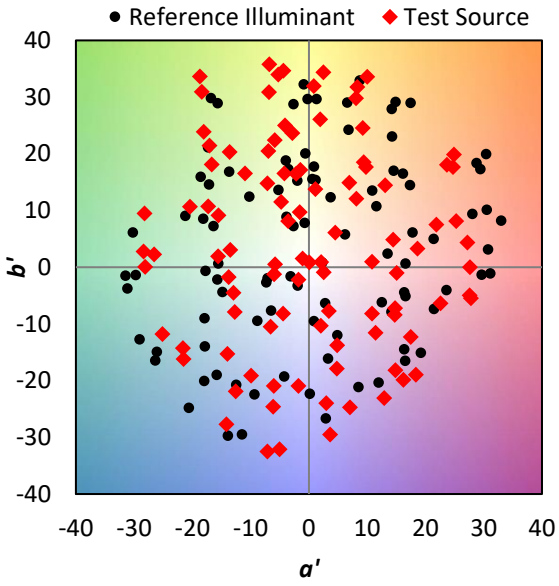
Summary

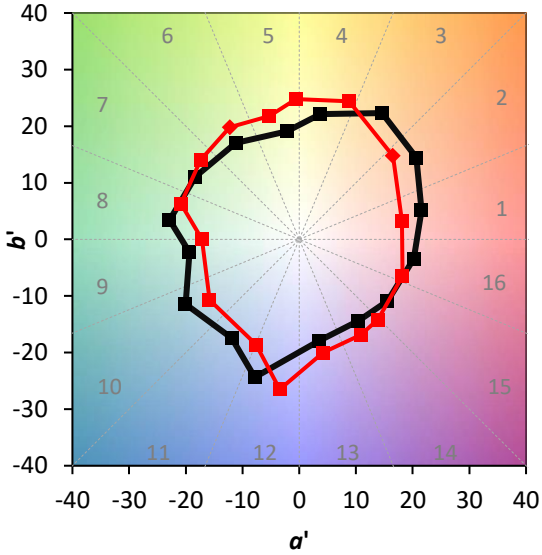
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

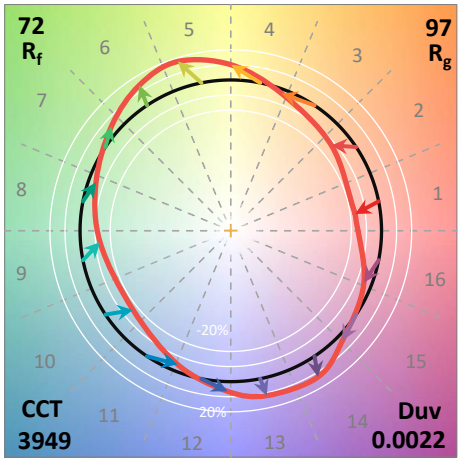
Spectral Power Distribution Comparison

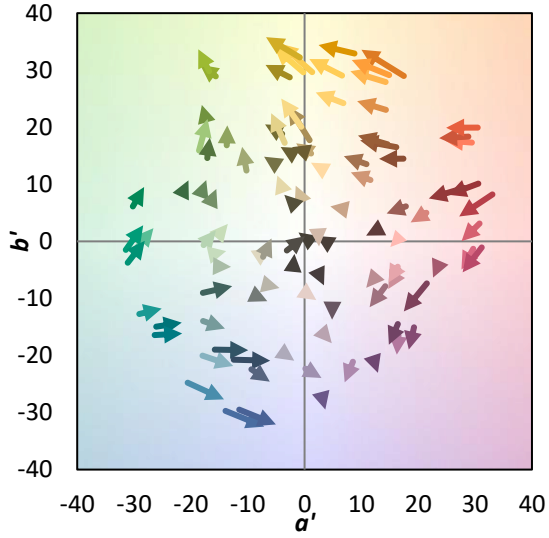


Color Vector Graphics







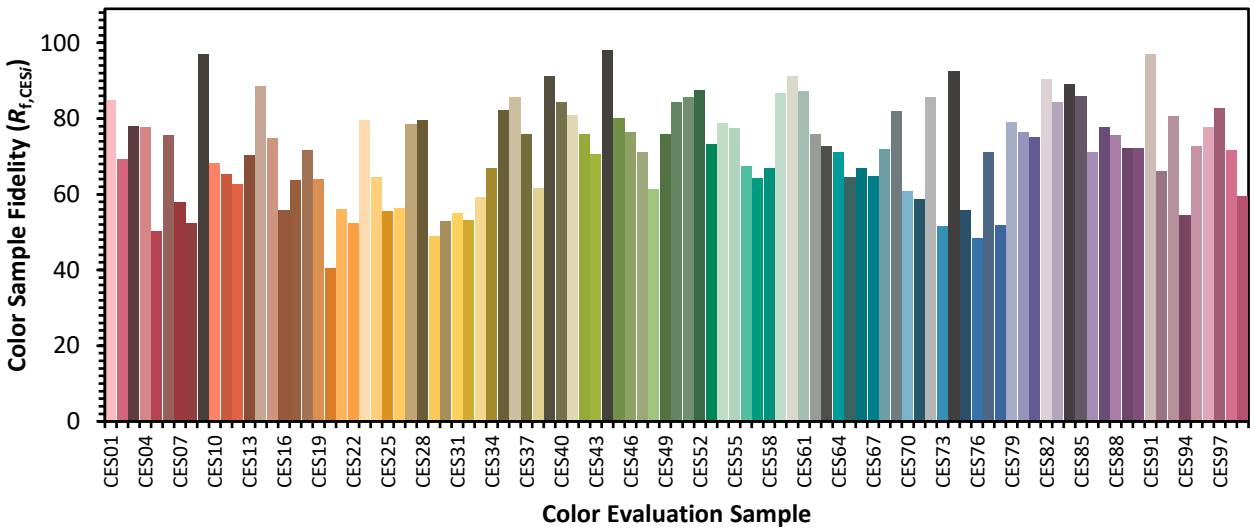


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

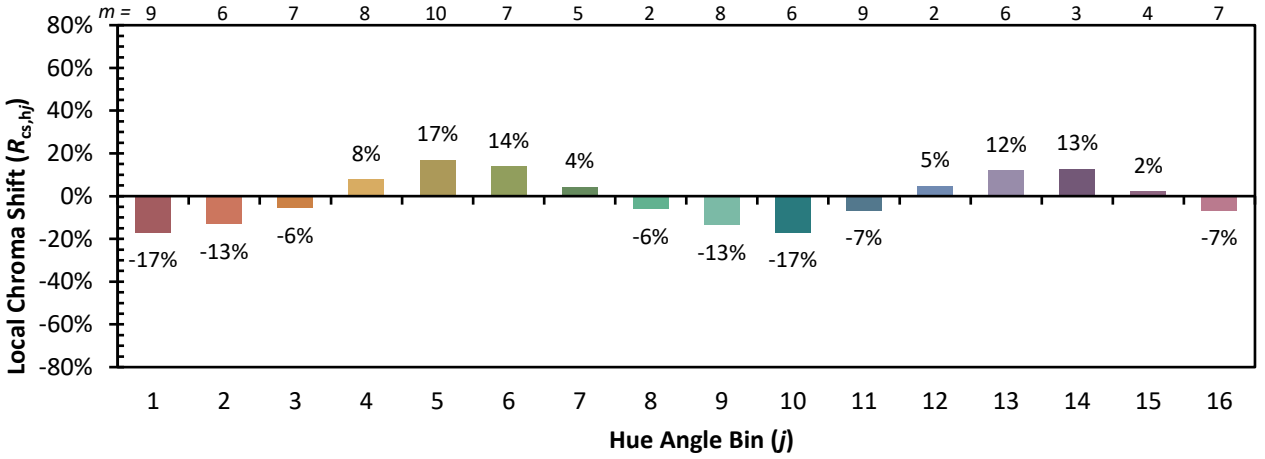
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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	

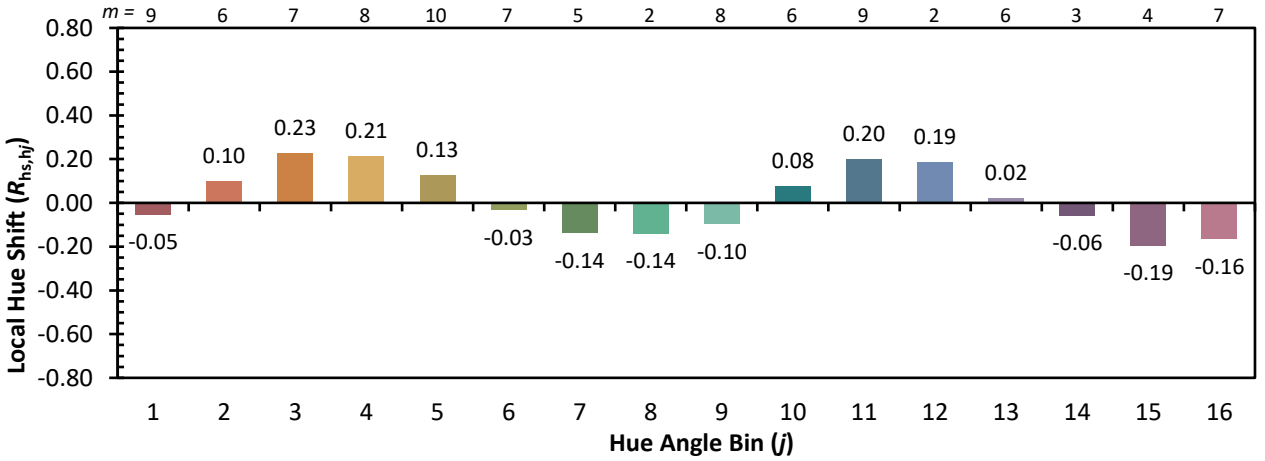


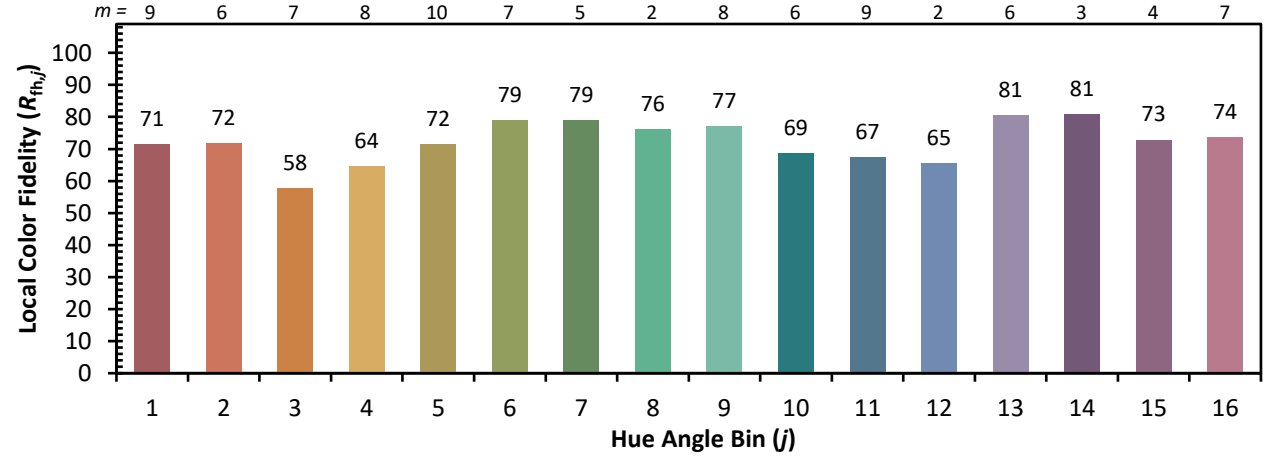
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



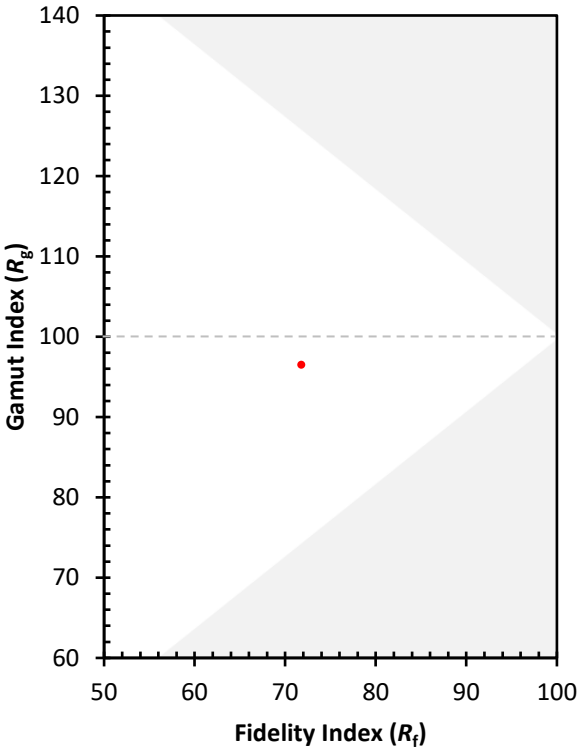


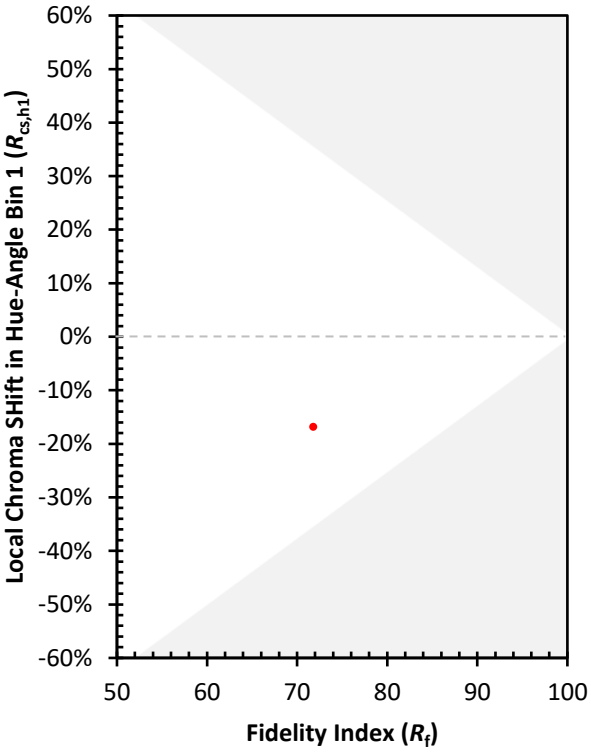


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)