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: McGRAW-EDISON

Report Number: P1047030

Luminaire Tested: **GALN-SA5B-740-U-T3BC**

Issue Date: 07/10/2025

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:	P1047030
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5B-740-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(70) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23343.9 lumens
Efficiency:	N/A
Efficacy:	130.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	178.8
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: P1047030
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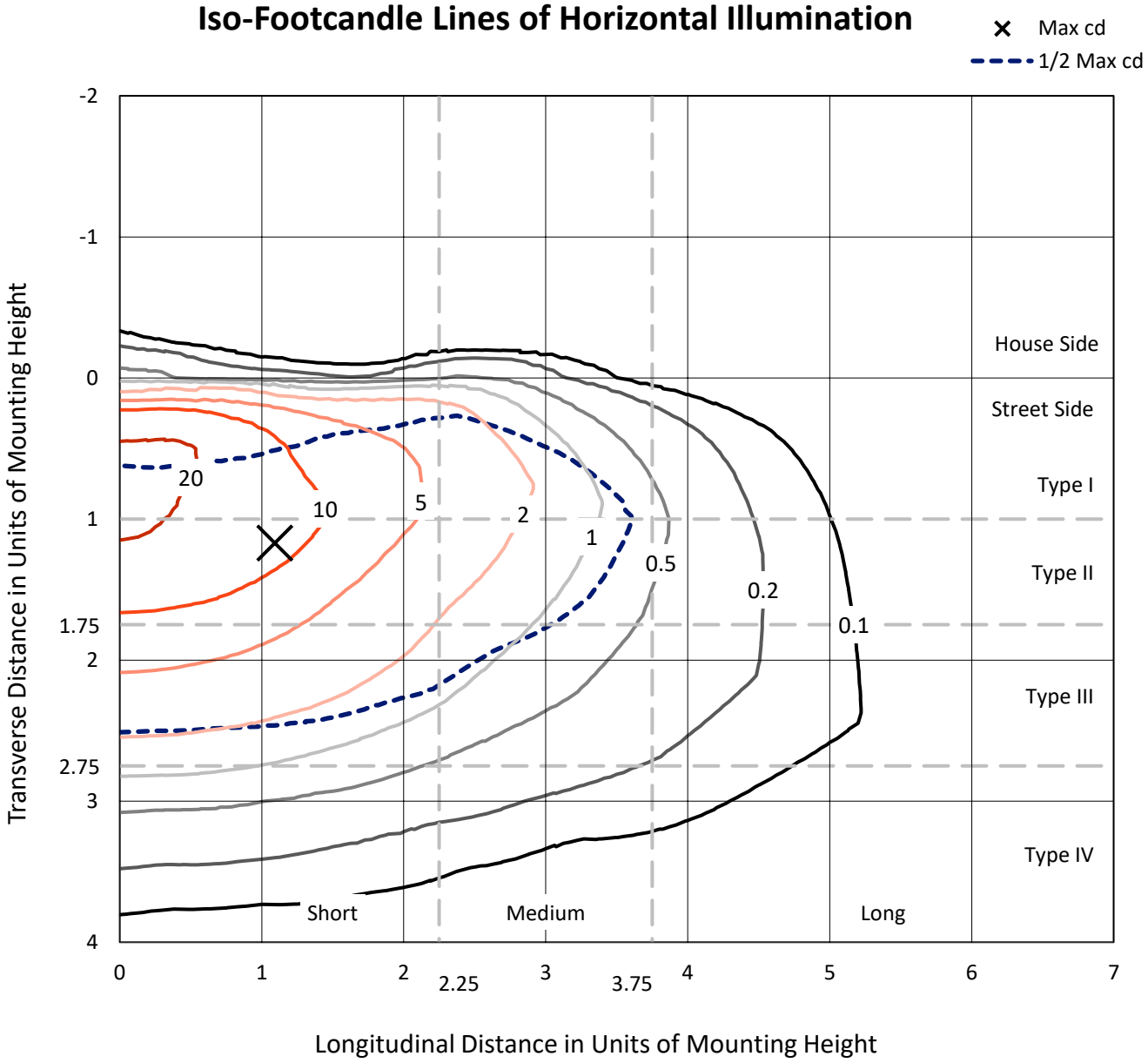
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 26.2 fc
Type III - Short - N/A

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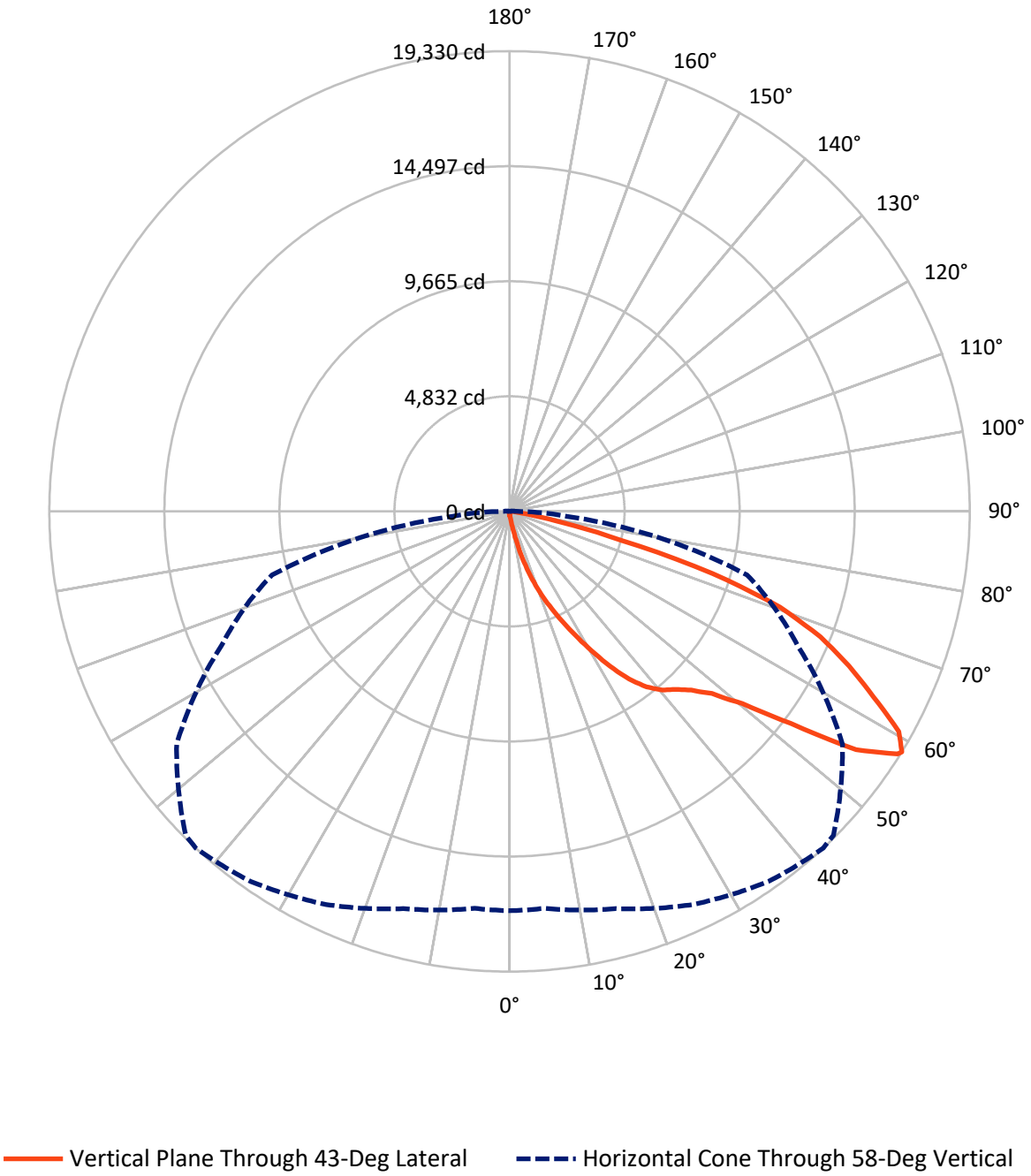
Luminous Intensity Polar Plot



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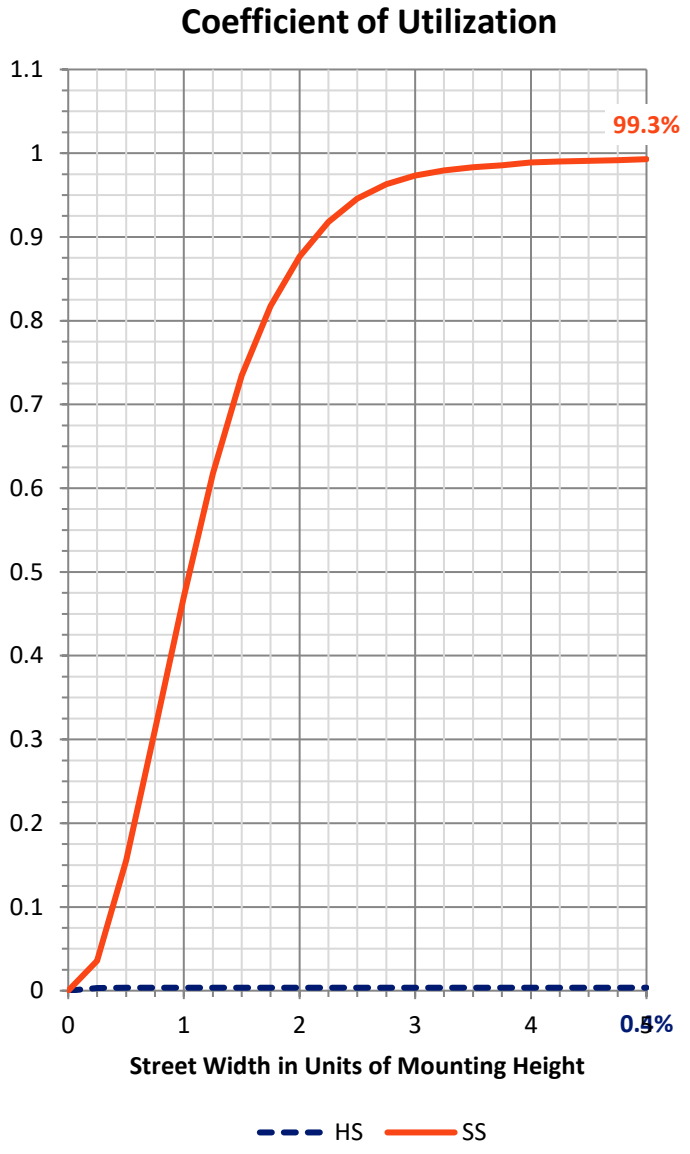
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	85.2	0.0	85.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23258.7	0.0	23258.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	23343.9	0.0	23343.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.4	0.1
10°-20°	268.3	1.1
20°-30°	967.2	4.1
30°-40°	2212.9	9.5
40°-50°	3732.2	16.0
50°-60°	6159.1	26.4
60°-70°	6883.6	29.5
70°-80°	2842.1	12.2
80°-90°	256.2	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°	23343.9	100.0
0°-180°	23343.9	100.0



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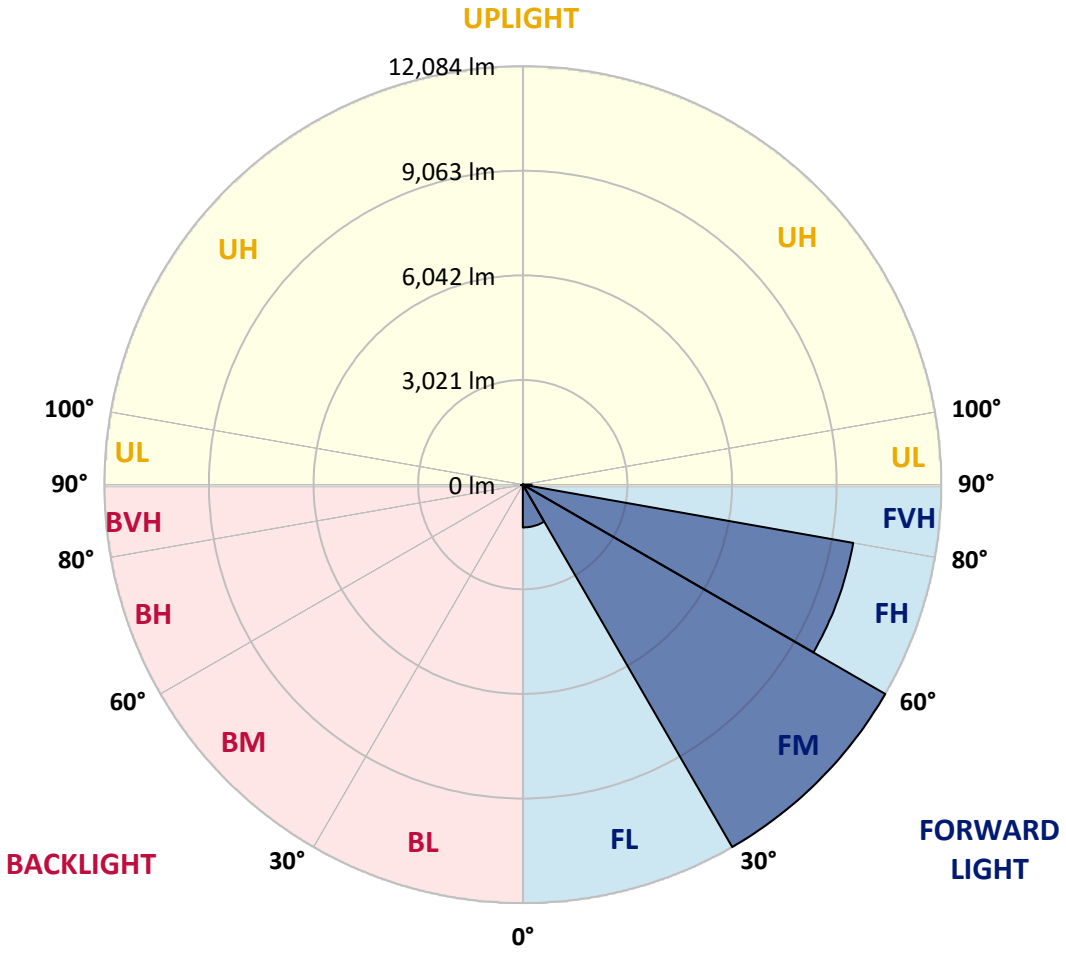
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1235.6	5.3			
FM	(30°-60°)	12083.7	51.8			
FH	(60°-80°)	9686.7	41.5			G4/12000
FVH	(80°-90°)	252.7	1.1			G3/500
BL	(0°-30°)	22.2	0.1	B0/110		
BM	(30°-60°)	20.4	0.1	B0/220		
BH	(60°-80°)	39.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	152.6	152.6	152.6	152.6	152.6	*152.6*	152.6	152.6	152.6	152.6	152.6
2.5°	183.2	189.3	183.2	183.2	183.2	*177.1*	177.1	171.0	171.0	164.8	158.7
5°	268.6	268.6	250.3	238.1	225.9	*219.8*	213.7	201.5	189.3	177.1	164.8
7.5°	598.3	598.3	543.4	470.1	372.4	*317.5*	305.3	250.3	213.7	189.3	164.8
10°	1428.7	1428.7	1306.6	1105.1	854.8	*635.0*	567.8	360.2	256.4	201.5	171.0
12.5°	2375.0	2405.5	2252.9	1996.5	1624.0	*1239.4*	1105.1	659.4	341.9	219.8	171.0
15°	3223.7	3150.4	3107.6	2863.4	2509.3	*2051.4*	1880.5	1111.2	494.5	250.3	171.0
17.5°	3797.6	3797.6	3736.5	3571.7	3248.1	*2845.1*	2704.7	1795.0	799.8	287.0	177.1
20°	4469.2	4469.2	4359.3	4243.3	3956.3	*3614.4*	3480.1	2552.1	1239.4	366.3	177.1
22.5°	5281.2	5293.4	5171.3	4963.7	4688.9	*4310.4*	4194.4	3254.2	1795.0	488.4	183.2
25°	6270.2	6282.5	6105.4	5910.0	5488.8	*5079.7*	4902.6	4060.1	2472.7	683.8	183.2
27.5°	7363.1	7448.6	7186.1	6850.3	6404.6	*5891.7*	5757.4	4786.6	3144.3	964.7	195.4
30°	8724.6	8724.6	8376.6	7906.5	7424.2	*6789.2*	6618.3	5549.8	3858.6	1337.1	207.6
32.5°	9896.9	9805.3	9359.6	8865.0	8352.2	*7760.0*	7576.8	6349.6	4591.3	1801.1	232.0
35°	10794.3	10715.0	10165.5	9634.3	9188.6	*8645.2*	8425.5	7216.6	5366.6	2326.2	268.6
37.5°	11563.6	11533.1	10788.2	10122.8	9829.7	*9353.5*	9158.1	8034.7	6129.8	2894.0	311.4
40°	12406.2	12308.5	11514.8	10690.6	10251.0	*9866.3*	9689.3	8694.1	6862.5	3559.4	372.4
42.5°	13126.6	13010.6	12296.3	11490.4	10739.4	*10220.4*	10049.5	9249.7	7576.8	4224.9	451.8
45°	13926.4	13865.4	13144.9	12534.4	11533.1	*10702.8*	10476.9	9695.4	8230.1	5018.6	555.6
47.5°	15129.2	15019.3	14347.7	13847.0	12687.0	*11435.4*	11111.8	10153.3	8858.9	5800.1	714.3
50°	16527.3	16454.1	16057.2	15660.4	14506.4	*12687.0*	12302.4	10812.7	9561.1	6728.2	921.9
52.5°	17669.0	17656.8	17705.7	17711.8	16838.7	*14793.4*	14219.5	11875.0	10367.0	7644.0	1215.0
55°	17644.6	17699.6	18236.8	18853.5	18920.6	*17669.0*	17113.4	13663.9	11417.1	8773.5	1624.0
57.5°	16985.2	16942.5	17510.3	18438.3	19091.6	*19225.9*	19134.3	16441.8	12998.4	10135.0	2252.9
58°	*16771.5*	*16734.9*	*17272.2*	*18218.5*	*18969.5*	*19329.7*	*19238.1*	*17070.7*	*13352.5*	*10330.3*	*2423.8*
60°	15996.2	16002.3	16319.7	17180.6	17931.6	*18786.3*	18871.8	18865.7	15117.0	11636.9	3284.7
62.5°	14970.4	14921.6	15214.7	15916.8	16576.2	*17150.1*	17296.6	18987.8	17699.6	13297.6	4927.1
65°	13554.0	13480.7	13792.1	14585.8	15294.0	*15666.5*	15672.6	17351.5	18914.5	15080.3	7271.5
67.5°	10922.6	10861.5	11484.3	12503.9	13596.7	*14085.2*	14305.0	15055.9	17888.8	16289.2	8614.7
70°	6691.5	6819.7	7686.7	9286.3	11154.6	*12052.1*	12381.8	12613.8	15233.0	16106.0	7204.4
72.5°	3089.3	2936.7	3675.5	4792.7	6923.5	*8920.0*	9261.9	10171.6	12076.5	13981.4	5372.8
75°	1440.9	1385.9	1556.9	2094.2	3138.2	*4817.2*	5439.9	8120.2	9261.9	9725.9	3876.9
77.5°	738.8	744.9	885.3	952.4	1294.3	*2228.5*	2558.2	5342.2	6789.2	5427.7	2600.9
80°	323.6	335.8	341.9	372.4	525.1	*860.9*	970.8	2478.8	4640.1	2765.7	1422.6
82.5°	207.6	213.7	213.7	213.7	250.3	*341.9*	390.7	995.2	2313.9	1373.7	439.6
85°	109.9	109.9	122.1	152.6	177.1	*207.6*	219.8	317.5	763.2	409.1	103.8
87.5°	61.1	67.2	73.3	91.6	116.0	*140.4*	152.6	219.8	293.1	280.8	24.4
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: GALN-SA5B-740-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	152.6	152.6	152.6	152.6	152.6	152.6	152.6	152.6	152.6	152.6	152.6
2.5°	158.7	152.6	146.5	140.4	134.3	128.2	128.2	128.2	128.2	128.2	128.2
5°	152.6	146.5	140.4	128.2	116.0	109.9	103.8	97.7	97.7	97.7	97.7
7.5°	152.6	146.5	128.2	116.0	103.8	91.6	79.4	79.4	79.4	79.4	79.4
10°	152.6	140.4	122.1	103.8	85.5	73.3	67.2	61.1	61.1	61.1	61.1
12.5°	152.6	134.3	116.0	91.6	73.3	61.1	54.9	48.8	48.8	48.8	48.8
15°	152.6	134.3	109.9	85.5	67.2	48.8	42.7	36.6	36.6	36.6	36.6
17.5°	146.5	128.2	103.8	73.3	54.9	36.6	30.5	24.4	24.4	30.5	30.5
20°	140.4	122.1	91.6	61.1	42.7	30.5	18.3	18.3	18.3	18.3	18.3
22.5°	140.4	122.1	85.5	54.9	36.6	18.3	12.2	12.2	12.2	12.2	18.3
25°	140.4	116.0	73.3	42.7	24.4	12.2	6.1	6.1	6.1	6.1	6.1
27.5°	140.4	116.0	67.2	36.6	18.3	12.2	6.1	0.0	0.0	0.0	0.0
30°	134.3	109.9	61.1	30.5	12.2	6.1	0.0	0.0	0.0	0.0	0.0
32.5°	134.3	103.8	48.8	24.4	12.2	6.1	0.0	0.0	0.0	0.0	0.0
35°	140.4	97.7	42.7	18.3	6.1	0.0	0.0	0.0	0.0	0.0	6.1
37.5°	146.5	91.6	36.6	12.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	152.6	85.5	36.6	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	164.8	85.5	30.5	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	177.1	85.5	24.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	201.5	91.6	24.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	219.8	97.7	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	244.2	91.6	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	274.7	91.6	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	299.2	85.5	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*311.4*	*79.4*	*12.2*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	372.4	73.3	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	580.0	61.1	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1178.3	54.9	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2197.9	48.8	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2460.5	54.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1550.8	42.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	818.1	42.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	409.1	42.7	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	189.3	30.5	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	79.4	18.3	12.2	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	36.6	18.3	12.2	12.2	6.1	6.1	0.0	0.0	0.0	0.0	0.0
87.5°	18.3	18.3	18.3	12.2	12.2	6.1	6.1	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: SP1-2407-184-1

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

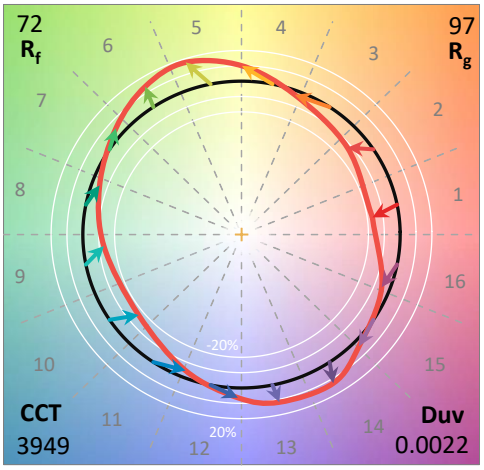
Test Information

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

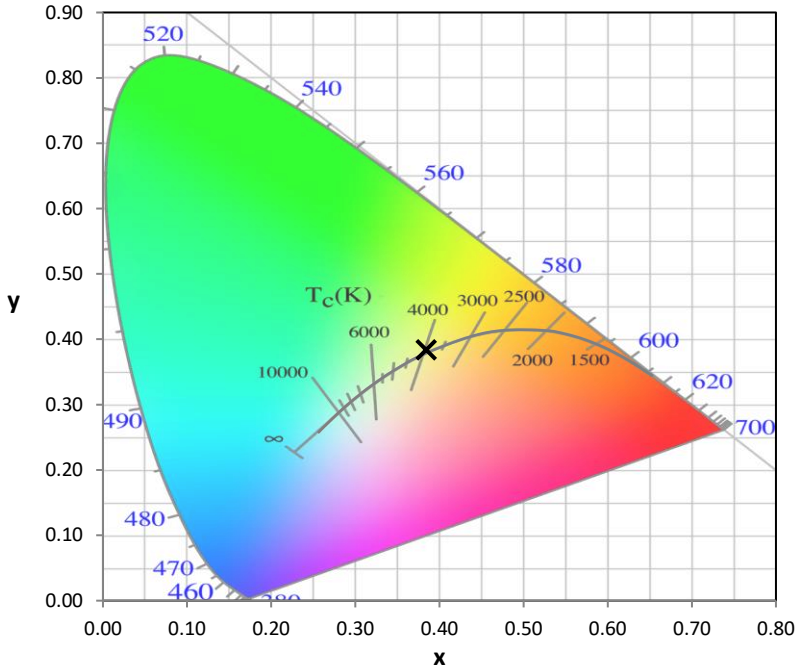
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

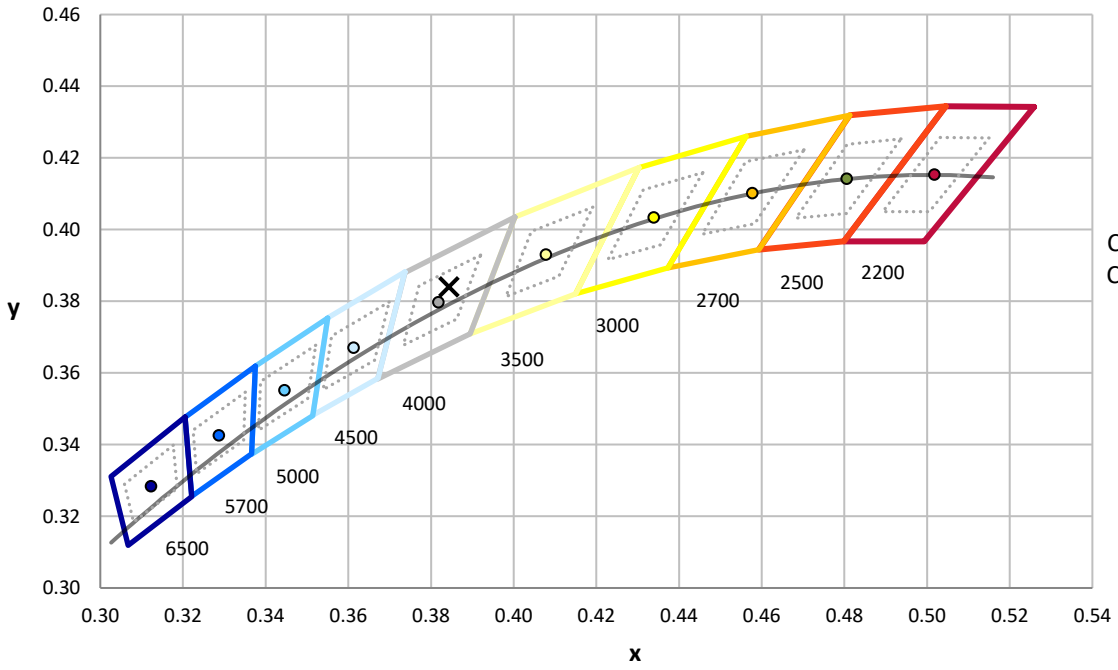
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

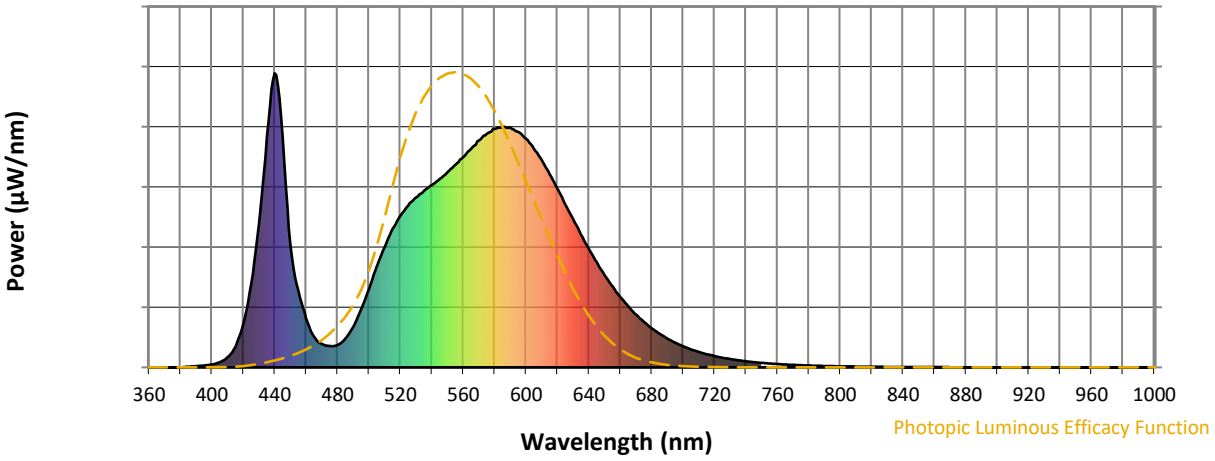


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

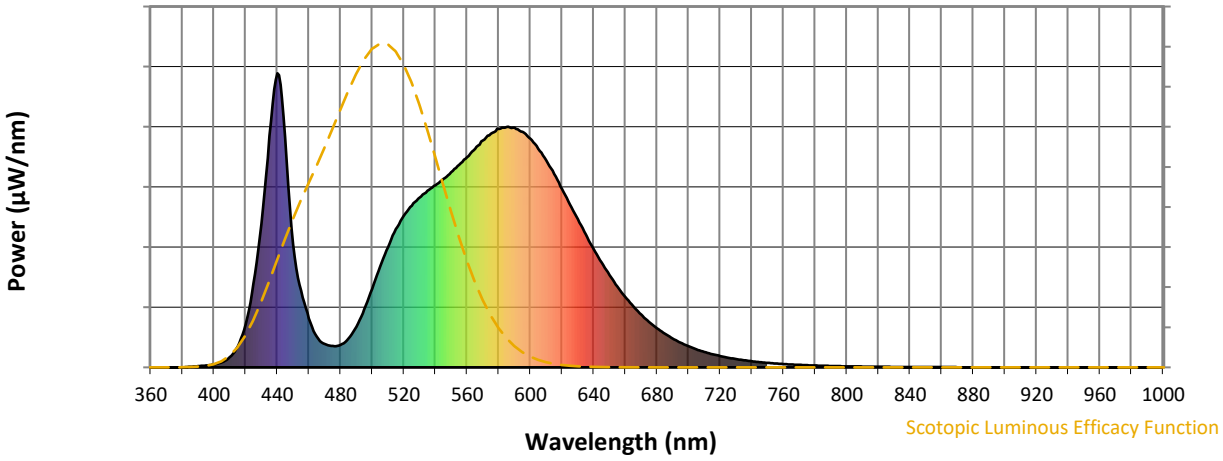


Photopic Lumens: NR

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

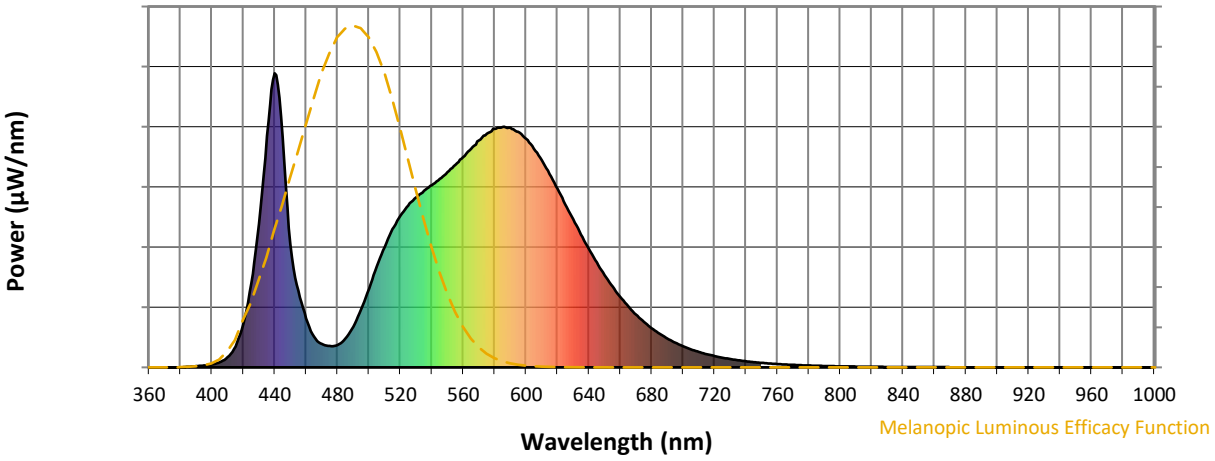


Scotopic Lumens: NR **S/P: 1.47**

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			

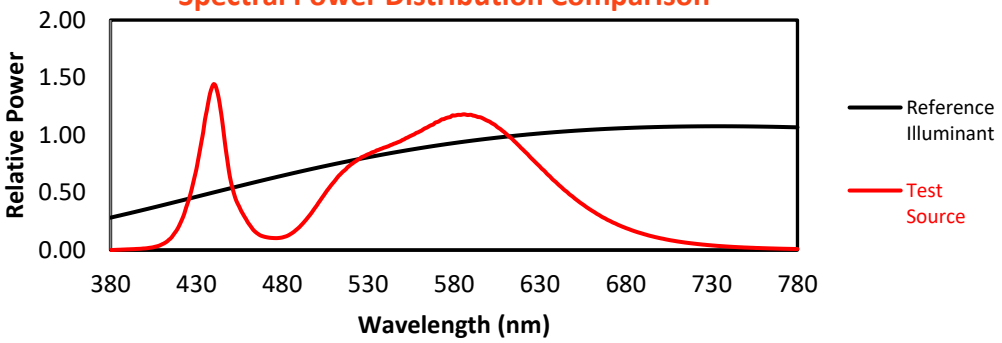
REPORT NUMBER: SP1-2407-184-1

TM-30-18

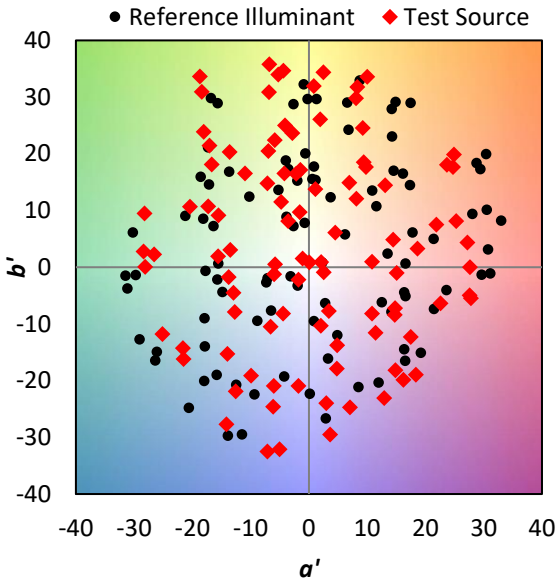
Summary

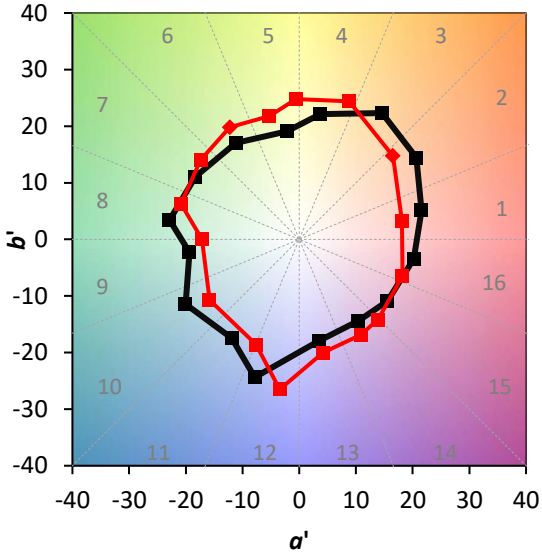
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

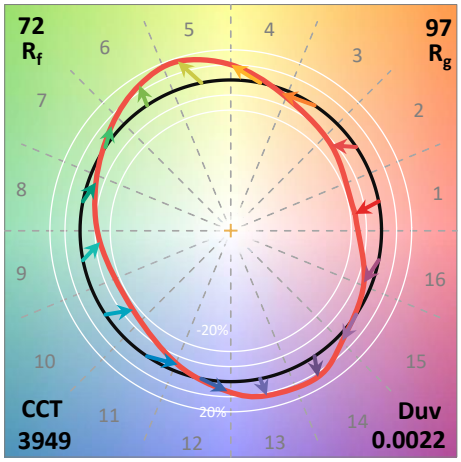
Spectral Power Distribution Comparison

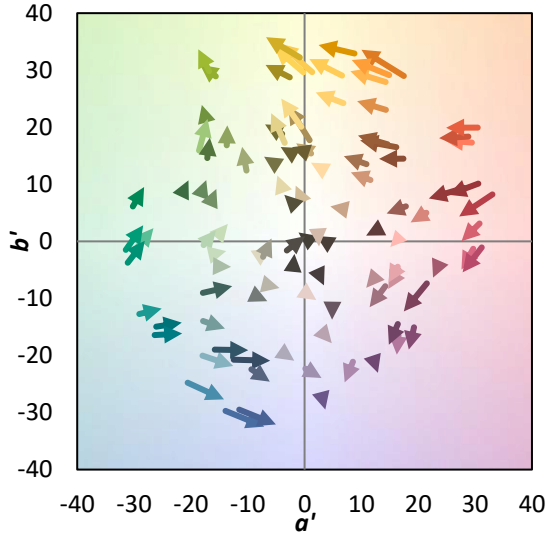


Color Vector Graphics







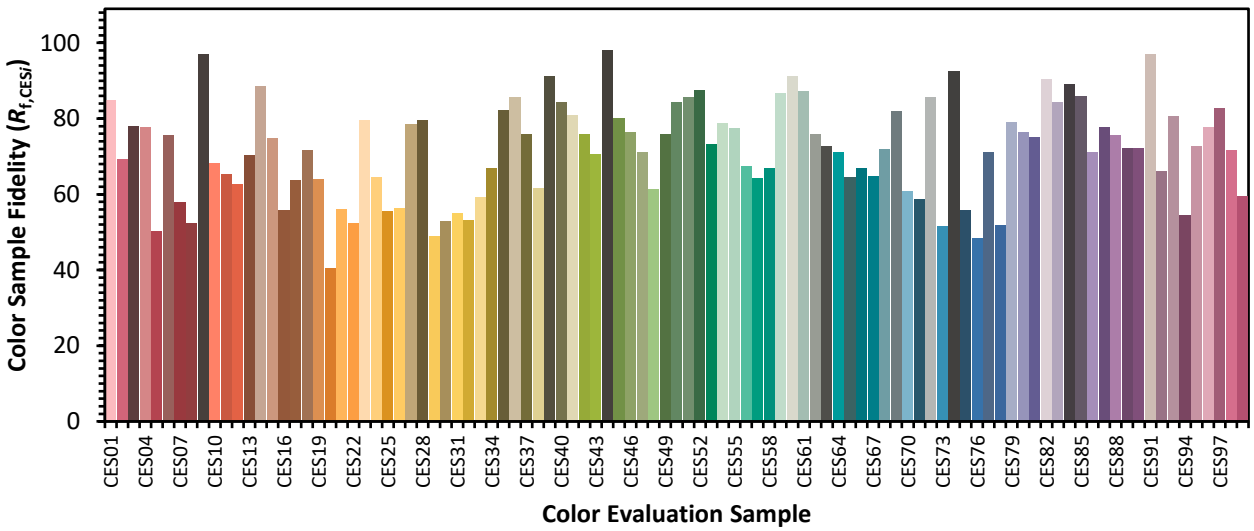


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

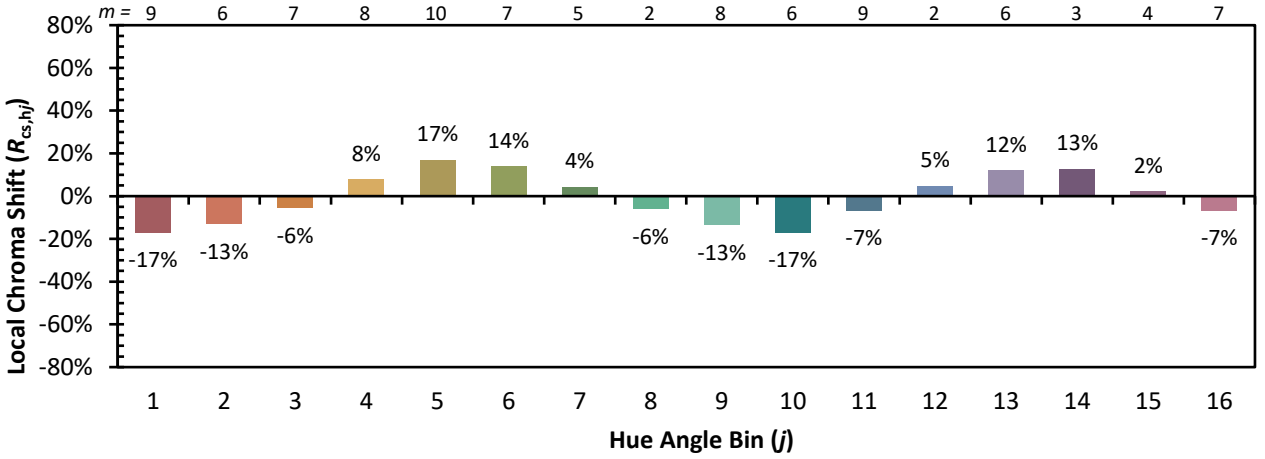
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

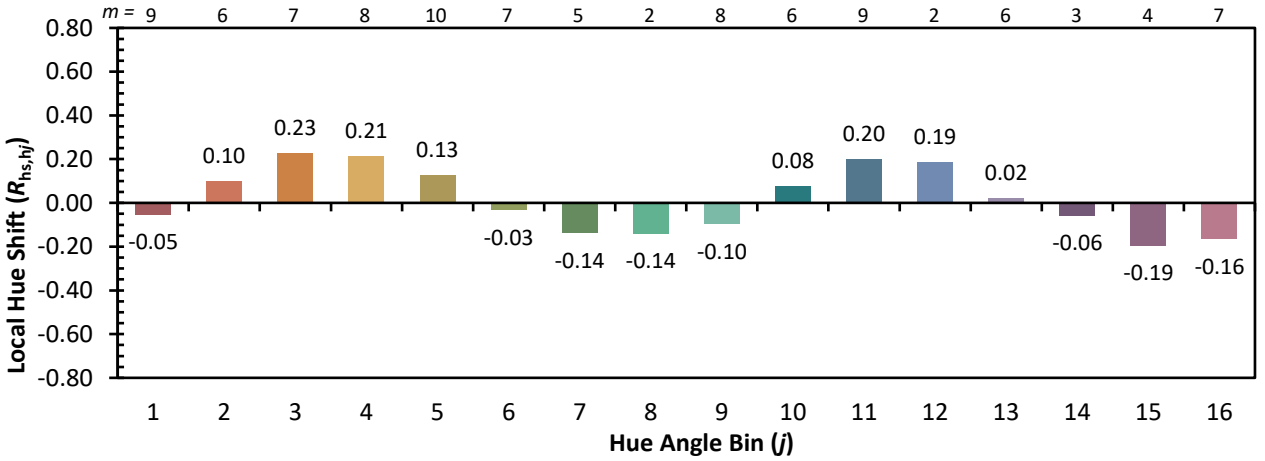


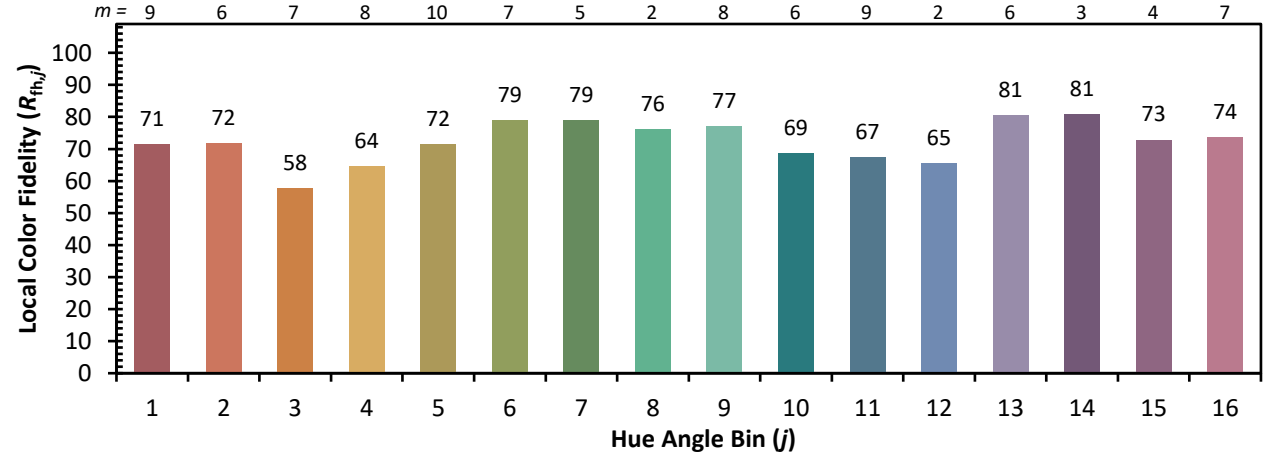
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



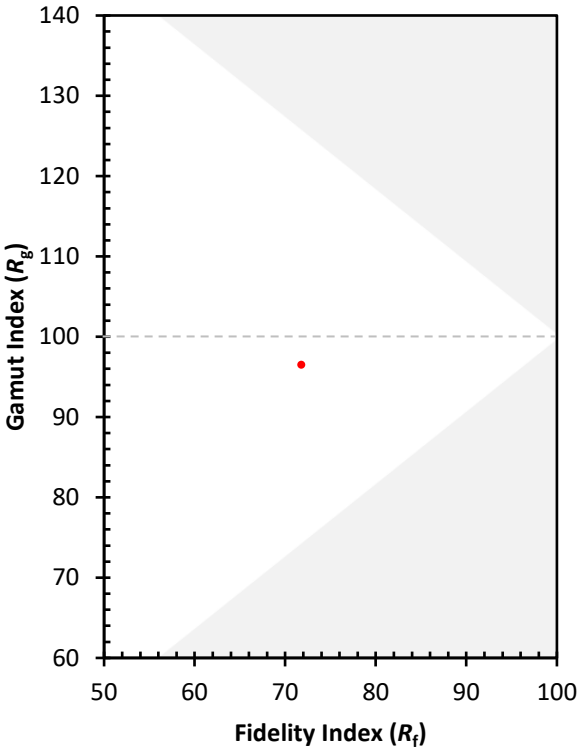


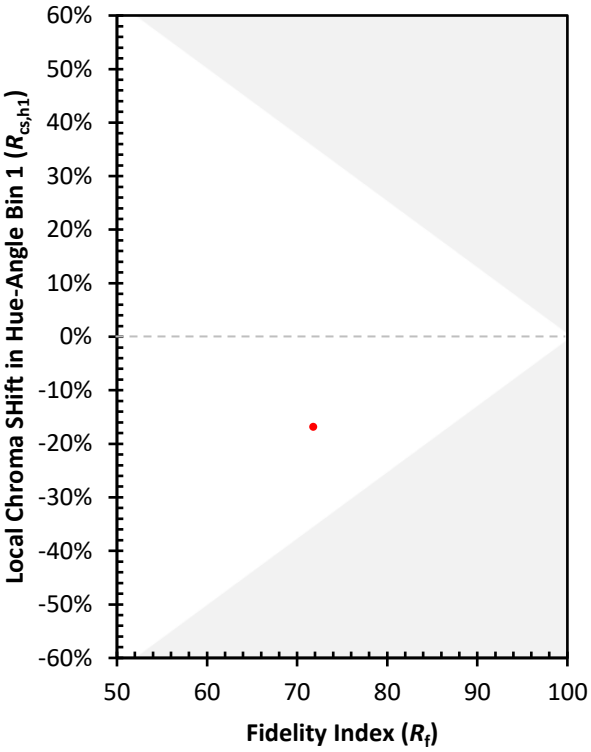


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)