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: P1359913

Luminaire Tested: **GSS-SB5C-740-U-T3**

Issue Date: 02/18/2026

Report Generated By 670245763

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:	P1359913
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-740-U-T3
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 4000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	37350.3 lumens
Efficiency:	N/A
Efficacy:	148.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G4

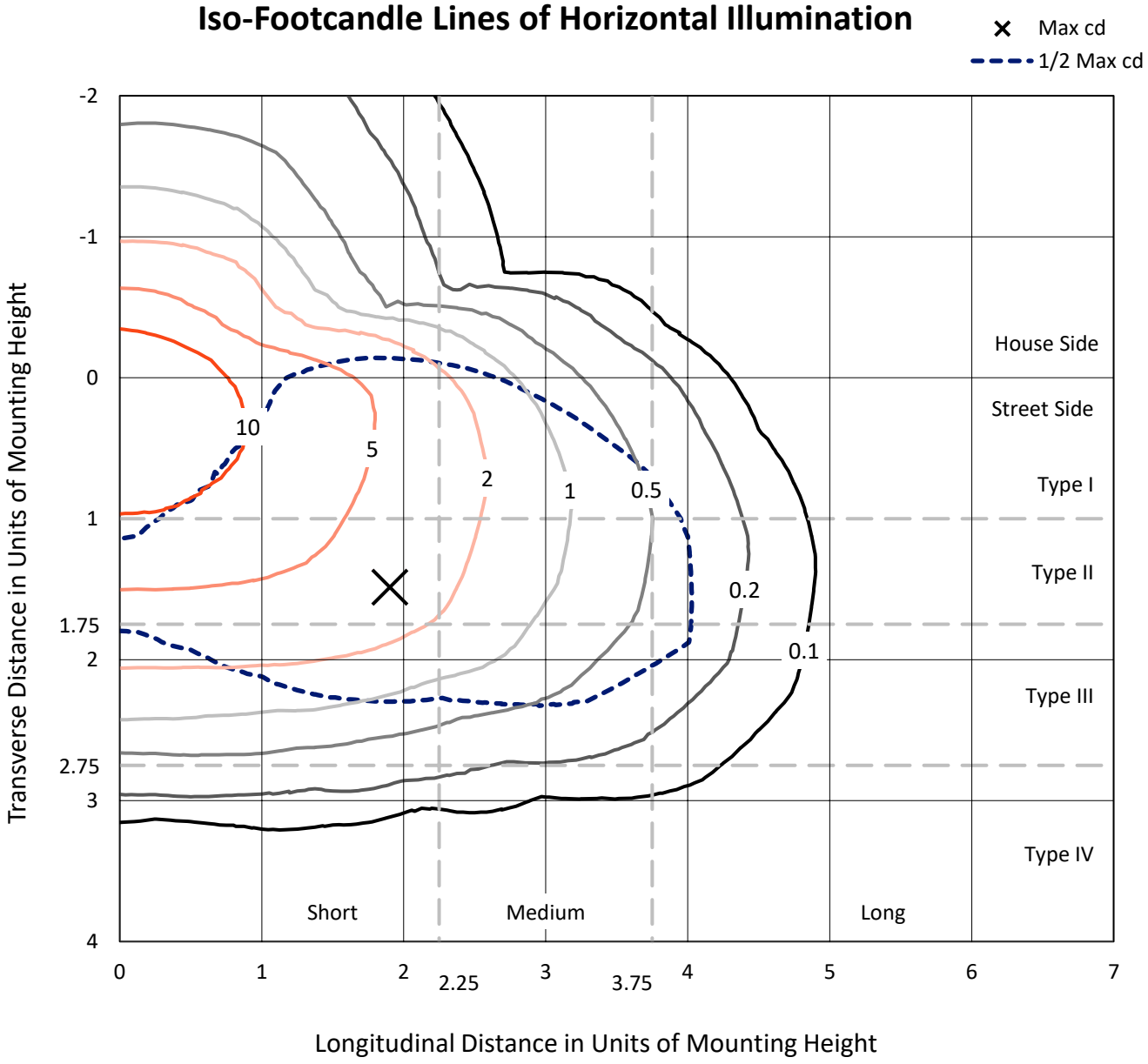
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1359913
CATALOG NUMBER: GSS-SB5C-740-U-T3

Iso-Footcandle Lines of Horizontal Illumination



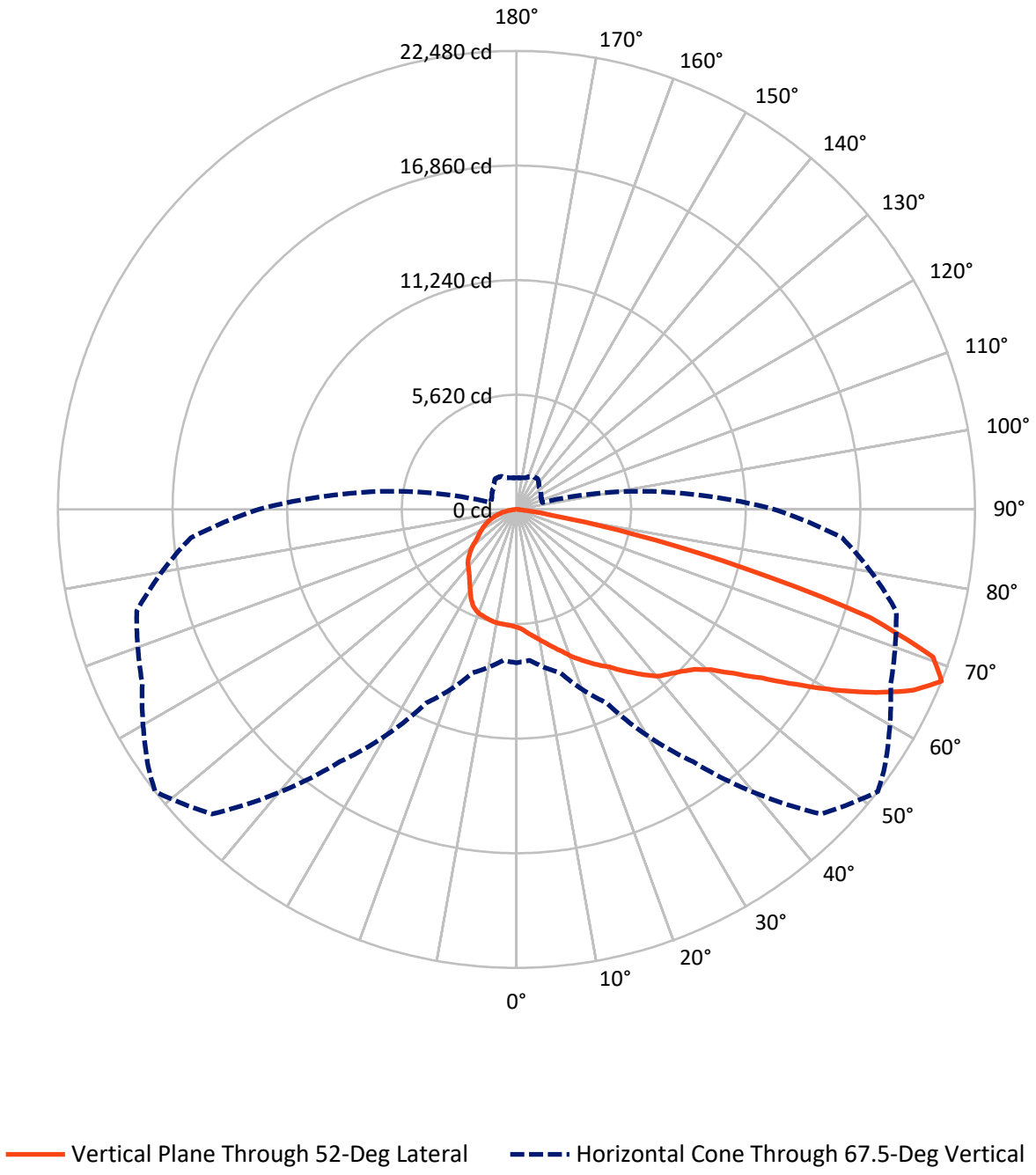
Based on 20 foot mounting height. Maximum calculated value = 16.4 fc
Type III - Short - N/A

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1359913
CATALOG NUMBER: GSS-SB5C-740-U-T3

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

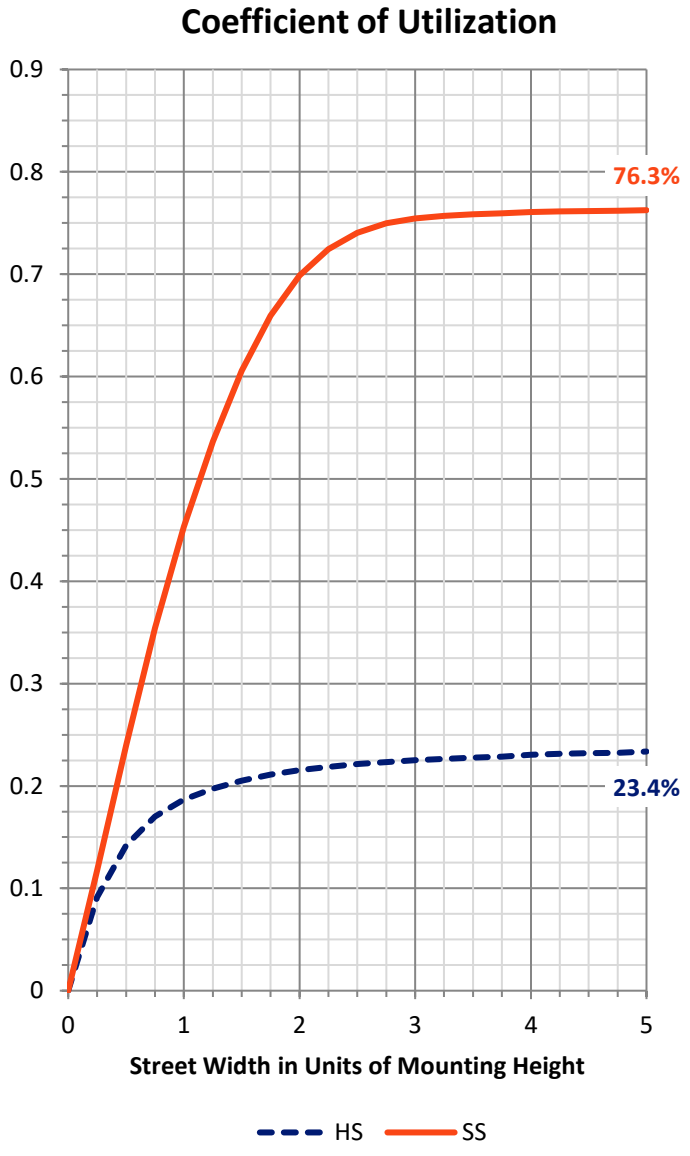
REPORT NUMBER: P1359913
CATALOG NUMBER: GSS-SB5C-740-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8836.5	0.0	8836.5
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	28513.8	0.0	28513.8
	% Fixture	76.3	0.0	76.3
Total	Lumens	37350.3	0.0	37350.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	566.7	1.5
10°-20°	1787.6	4.8
20°-30°	3056.3	8.2
30°-40°	4433.7	11.9
40°-50°	5759.3	15.4
50°-60°	7803.6	20.9
60°-70°	9102.7	24.4
70°-80°	4488.0	12.0
80°-90°	352.3	0.9
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°	37350.3	100.0
0°-180°	37350.3	100.0



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

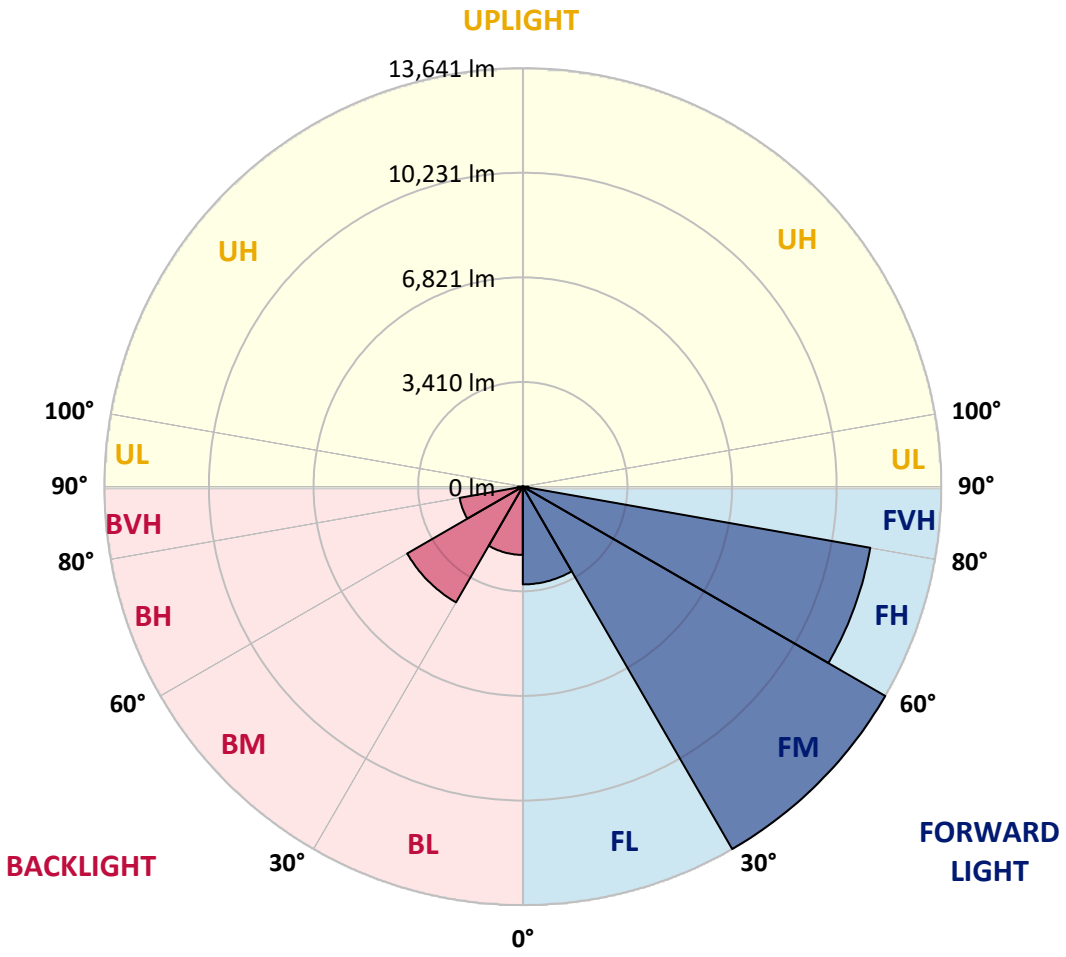
Scaled Data Report

REPORT NUMBER: P1359913
CATALOG NUMBER: GSS-SB5C-740-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3186.3	8.5			
FM	(30°-60°)	13641.5	36.5			
FH	(60°-80°)	11501.1	30.8			G4/12000
FVH	(80°-90°)	184.9	0.5			G2/225
BL	(0°-30°)	2224.3	6.0	B3/2500		
BM	(30°-60°)	4355.2	11.7	B3/5000		
BH	(60°-80°)	2089.6	5.6	B3/2500		G3/2500
BVH	(80°-90°)	167.4	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type III Short



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1359913
CATALOG NUMBER: GSS-SB5C-740-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	52°	55°	65°	75°	85°
0°	5780.0	5780.0	5780.0	5780.0	5780.0	5780.0	*5780.0*	5780.0	5780.0	5780.0	5780.0
2.5°	5954.6	5946.3	5938.0	5904.7	5904.7	5913.0	*5896.4*	5904.7	5896.4	5854.8	5821.5
5°	6287.3	6212.4	6195.8	6179.2	6195.8	6145.9	*6104.3*	6079.4	5987.9	5962.9	5863.1
7.5°	6428.7	6437.0	6428.7	6395.4	6370.4	6370.4	*6303.9*	6270.6	6212.4	6112.6	5946.3
10°	6628.2	6619.9	6595.0	6611.6	6661.5	6578.3	*6528.4*	6503.5	6403.7	6262.3	6104.3
12.5°	6985.9	6927.6	6911.0	6886.1	6877.7	6827.8	*6769.6*	6777.9	6661.5	6445.3	6279.0
15°	7293.6	7227.0	7301.9	7252.0	7185.5	7110.6	*7052.4*	7002.5	6869.4	6669.8	6461.9
17.5°	7584.6	7551.4	7584.6	7584.6	7576.3	7451.6	*7335.1*	7293.6	7135.6	6911.0	6636.6
20°	7809.2	7809.2	7867.4	7867.4	7842.5	7767.6	*7692.8*	7642.9	7418.3	7127.2	6811.2
22.5°	8100.3	7967.2	8091.9	8100.3	8108.6	8050.4	*8000.5*	7933.9	7701.1	7351.8	6952.6
25°	8374.7	8266.6	8341.4	8291.5	8324.8	8349.8	*8324.8*	8299.9	8042.1	7642.9	7160.5
27.5°	8807.2	8699.1	8749.0	8632.5	8632.5	8607.6	*8649.2*	8682.4	8399.7	7925.6	7343.5
30°	9455.9	9331.1	9289.5	9148.1	9006.8	8948.5	*8965.2*	9023.4	8832.1	8200.1	7526.4
32.5°	10013.1	9946.5	9913.3	9796.8	9622.2	9356.1	*9397.6*	9397.6	9198.0	8399.7	7617.9
35°	10470.5	10453.8	10462.2	10304.1	10270.9	9838.4	*9838.4*	9821.8	9455.9	8665.8	7859.1
37.5°	10769.9	10678.4	10720.0	10778.2	10670.1	10379.0	*10304.1*	10262.6	9813.5	8948.5	8175.1
40°	10703.3	10636.8	10794.8	10902.9	10819.8	10761.5	*10753.2*	10670.1	10171.1	9306.2	8640.8
42.5°	10695.0	10636.8	10828.1	10944.5	10902.9	10994.4	*11019.4*	11077.6	10628.5	9871.7	9306.2
45°	10728.3	10703.3	11019.4	11169.1	11069.3	11194.0	*11335.4*	11385.3	11210.6	10561.9	10137.8
47.5°	11002.7	10969.5	11335.4	11510.0	11593.2	11809.4	*11717.9*	11801.1	11900.9	11543.3	11094.2
50°	11268.9	11302.1	11792.8	11959.1	12366.6	12666.0	*12350.0*	12483.1	12815.7	12682.7	12374.9
52.5°	11693.0	11701.3	12183.7	12599.5	13381.2	13664.0	*13356.3*	13372.9	13822.0	14071.5	13664.0
55°	11801.1	11892.6	12541.3	13406.2	14528.9	14728.5	*14587.1*	14528.9	15061.2	15402.1	14961.4
57.5°	11792.8	11742.9	12549.6	13747.2	15402.1	16109.1	*16192.2*	16034.2	16483.3	16624.7	16383.5
60°	11485.1	11584.9	12466.4	13988.3	16217.2	17789.0	*17988.6*	17780.7	17996.9	18038.5	17364.8
62.5°	10545.3	10578.6	11784.5	13996.7	16857.5	19186.2	*19776.6*	19543.8	19344.2	18828.5	17581.1
65°	9015.1	8956.9	10112.9	12840.7	16974.0	20533.4	*21381.7*	21381.7	20084.3	19094.7	17123.7
67.5°	*7518.1*	*7426.6*	*8291.5*	*10470.5*	*15111.1*	*21123.9*	*22479.5*	*22038.7*	*20242.3*	*19277.6*	*16034.2*
70°	3626.0	3883.8	5206.1	7410.0	11551.6	17838.9	*21664.5*	21830.8	20117.6	18703.8	13921.8
72.5°	1297.4	1239.2	1871.2	3176.9	6395.4	11643.1	*18138.3*	19602.0	19244.4	17057.1	11401.9
75°	598.8	607.1	781.8	1106.1	2070.8	5680.2	*11535.0*	13497.7	16483.3	14179.6	8532.7
77.5°	465.7	465.7	532.3	632.1	856.6	1837.9	*5896.4*	7576.3	10653.4	8782.2	4066.8
80°	341.0	349.3	357.6	415.8	523.9	690.3	*1754.8*	2628.0	3883.8	2819.3	1322.3
82.5°	241.2	241.2	232.9	232.9	282.8	307.7	*474.0*	665.3	1139.4	773.4	349.3
85°	99.8	116.4	99.8	99.8	99.8	124.7	*149.7*	174.6	249.5	216.2	149.7
87.5°	16.6	16.6	16.6	24.9	33.3	41.6	*49.9*	58.2	66.5	66.5	66.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1359913
CATALOG NUMBER: GSS-SB5C-740-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5780.0	5780.0	5780.0	5780.0	5780.0	5780.0	5780.0	5780.0	5780.0	5780.0	5780.0
2.5°	5804.9	5804.9	5780.0	5738.4	5721.7	5696.8	5688.5	5680.2	5663.5	5696.8	5680.2
5°	5838.2	5804.9	5771.6	5705.1	5696.8	5655.2	5613.6	5605.3	5580.4	5605.3	5605.3
7.5°	5913.0	5863.1	5788.3	5721.7	5663.5	5655.2	5580.4	5513.8	5513.8	5522.2	5513.8
10°	6046.1	5987.9	5913.0	5788.3	5680.2	5580.4	5455.6	5372.5	5380.8	5380.8	5364.1
12.5°	6220.7	6137.6	6004.5	5821.5	5655.2	5497.2	5347.5	5322.6	5314.2	5330.9	5281.0
15°	6353.8	6279.0	6062.7	5854.8	5597.0	5439.0	5281.0	5222.8	5231.1	5214.4	5172.9
17.5°	6520.1	6403.7	6137.6	5829.9	5530.5	5380.8	5197.8	5073.1	5006.5	5014.8	5006.5
20°	6678.1	6511.8	6195.8	5829.9	5513.8	5247.7	5014.8	4848.5	4707.1	4682.2	4673.9
22.5°	6794.6	6628.2	6262.3	5838.2	5414.0	5098.0	4757.0	4540.8	4332.9	4299.6	4291.3
25°	6960.9	6744.7	6337.2	5780.0	5281.0	4848.5	4424.4	4183.2	4000.2	3967.0	3967.0
27.5°	7102.3	6869.4	6437.0	5721.7	5064.7	4507.5	4108.3	3867.2	3750.7	3692.5	3692.5
30°	7252.0	6994.2	6520.1	5547.1	4773.7	4166.6	3858.9	3700.8	3567.8	3509.6	3484.6
32.5°	7418.3	7202.1	6536.8	5372.5	4482.6	3942.0	3684.2	3551.1	3409.8	3326.6	3318.3
35°	7626.2	7468.2	6478.5	5114.6	4191.5	3767.4	3517.9	3368.2	3226.8	3143.6	3160.3
37.5°	7958.9	7775.9	6303.9	4748.7	3950.3	3659.3	3384.8	3168.6	3002.3	2869.2	2877.5
40°	8449.6	8150.2	6046.1	4307.9	3775.7	3534.5	3226.8	2977.3	2736.1	2536.5	2536.5
42.5°	9006.8	8482.8	5730.1	3900.4	3642.6	3376.5	3060.5	2744.4	2403.5	2195.6	2187.2
45°	9630.5	8773.9	5364.1	3567.8	3426.4	3185.2	2844.2	2395.2	2170.6	2062.5	2054.2
47.5°	10462.2	9089.9	4931.7	3276.7	3176.9	2993.9	2519.9	2195.6	2062.5	1979.3	1971.0
50°	11243.9	9430.9	4574.1	2993.9	2910.8	2769.4	2295.4	2112.4	2004.3	1937.7	1921.1
52.5°	12150.4	9780.2	4174.9	2719.5	2611.4	2420.1	2245.5	2070.8	1971.0	1921.1	1904.5
55°	13048.6	10270.9	3734.1	2470.0	2345.3	2262.1	2195.6	2045.9	1946.1	1912.8	1887.8
57.5°	14071.5	10744.9	3193.5	2203.9	2154.0	2145.7	2187.2	2037.5	1954.4	1896.2	1862.9
60°	14603.8	10952.8	2628.0	1962.7	1971.0	2020.9	2154.0	2037.5	1904.5	1804.7	1763.1
62.5°	14420.8	10528.7	2079.1	1721.5	1796.4	1887.8	2095.8	1962.7	1796.4	1721.5	1671.6
65°	13689.0	9805.1	1621.7	1513.6	1638.3	1721.5	1954.4	1854.6	1688.2	1613.4	1605.1
67.5°	*12632.8*	*8549.4*	*1314.0*	*1330.6*	*1455.4*	*1563.5*	*1829.6*	*1788.0*	*1596.8*	*1546.9*	*1546.9*
70°	10620.2	6869.4	1081.1	1164.3	1272.4	1388.9	1738.1	1679.9	1480.3	1455.4	1455.4
72.5°	8299.9	4848.5	923.1	1022.9	1056.2	1222.5	1613.4	1555.2	1438.8	1497.0	1505.3
75°	5854.8	2952.4	790.1	864.9	898.2	1006.3	1497.0	1521.9	1413.8	1605.1	1638.3
77.5°	2661.3	1297.4	615.4	682.0	723.5	856.6	1289.1	1413.8	1222.5	1222.5	1156.0
80°	931.4	548.9	490.7	490.7	523.9	665.3	1072.8	1164.3	981.3	864.9	831.6
82.5°	341.0	299.4	365.9	365.9	332.7	407.5	715.2	773.4	706.9	615.4	607.1
85°	133.1	141.4	224.5	224.5	166.3	199.6	399.2	415.8	399.2	349.3	349.3
87.5°	58.2	58.2	66.5	66.5	58.2	49.9	74.8	74.8	49.9	33.3	16.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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

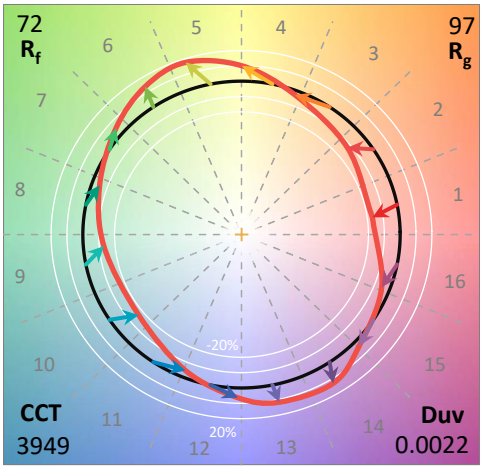
Test Information

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

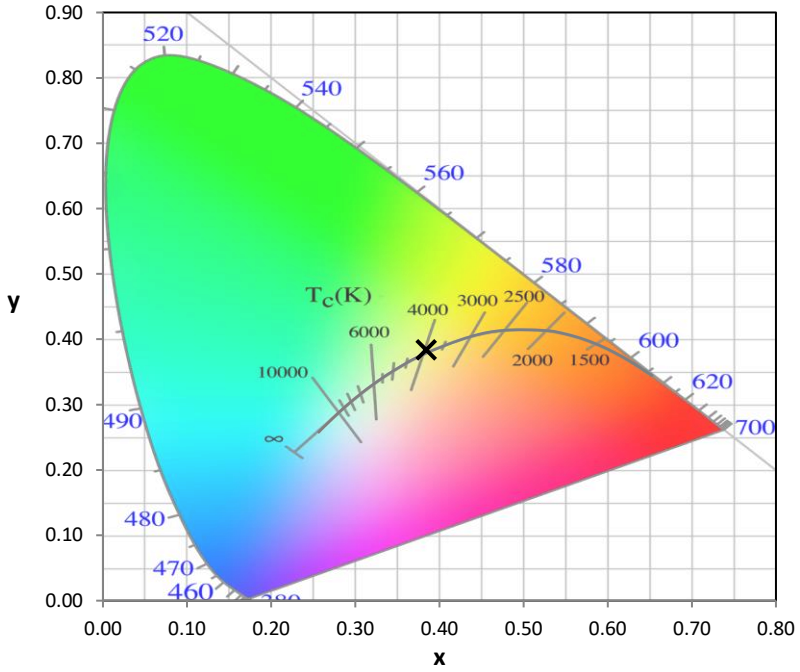
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

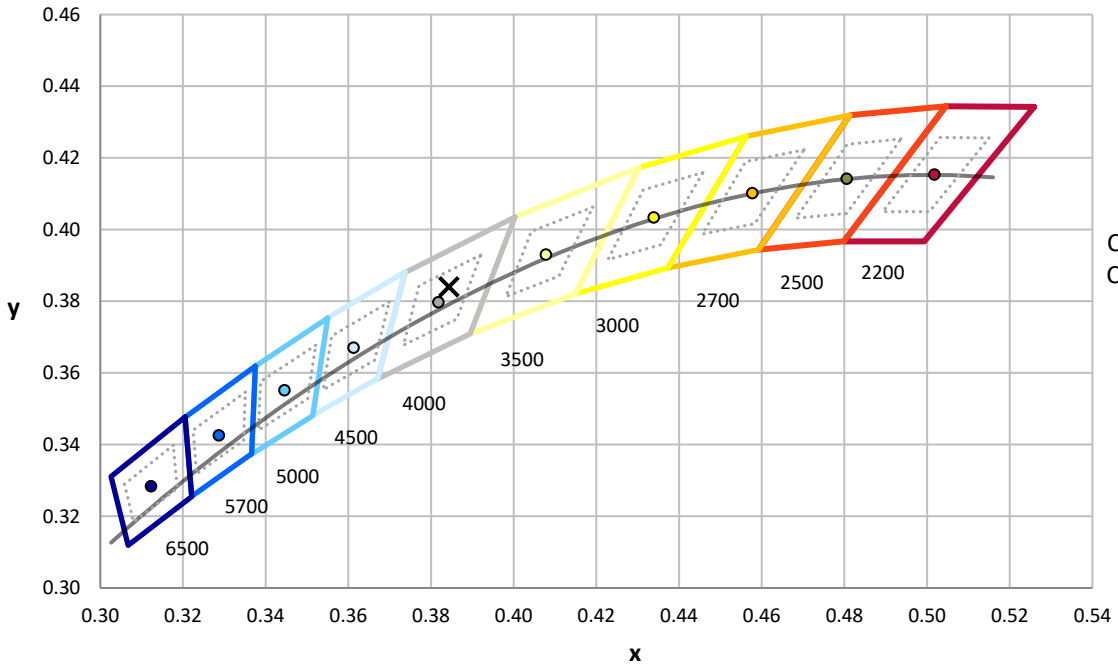
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

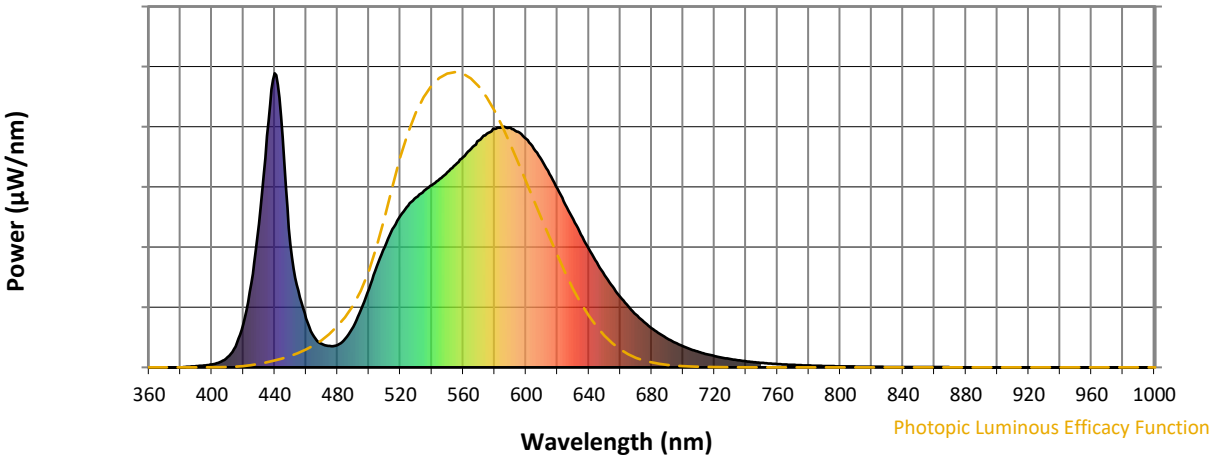


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

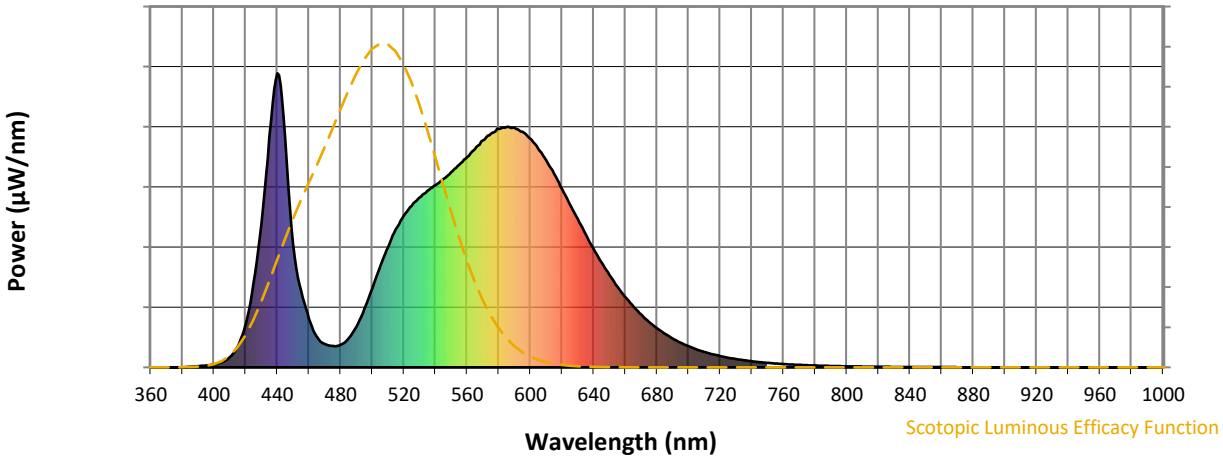


Photopic Lumens: NR

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

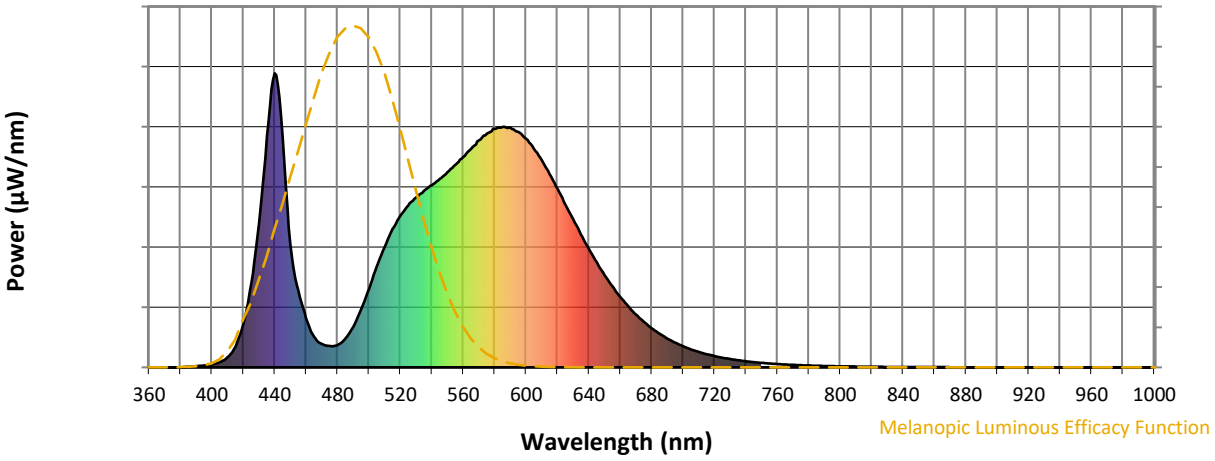


Scotopic Lumens: NR **S/P: 1.47**

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			

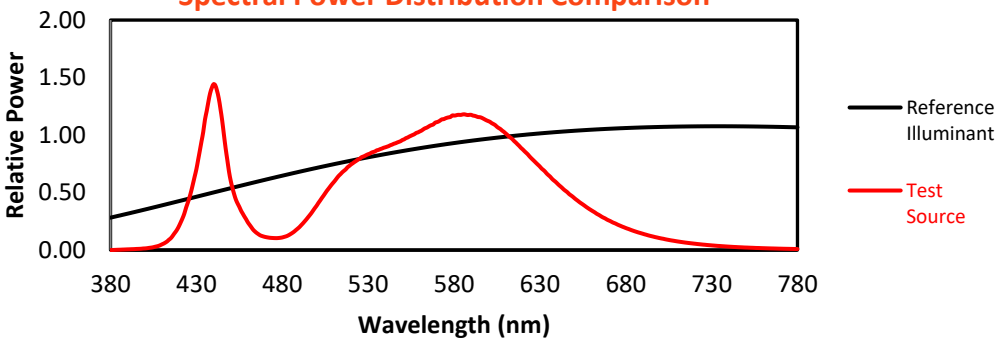
REPORT NUMBER: SP1-2407-184-1

TM-30-18

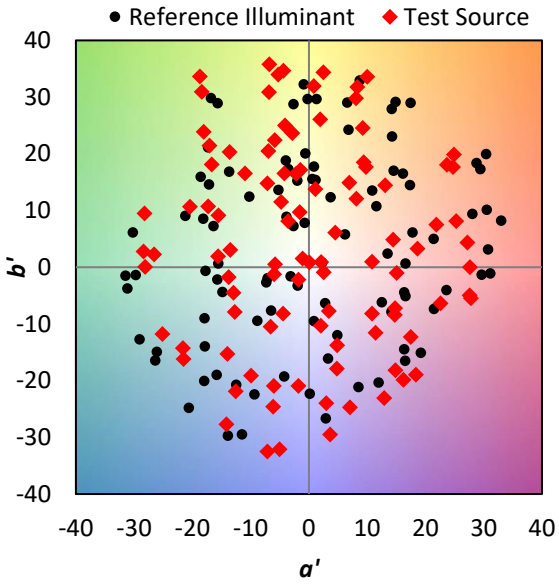
Summary

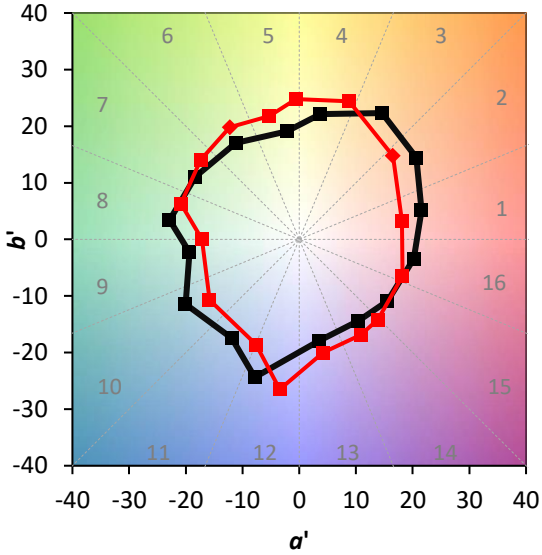
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

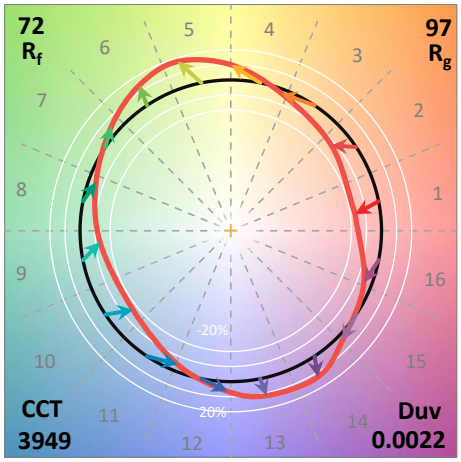
Spectral Power Distribution Comparison

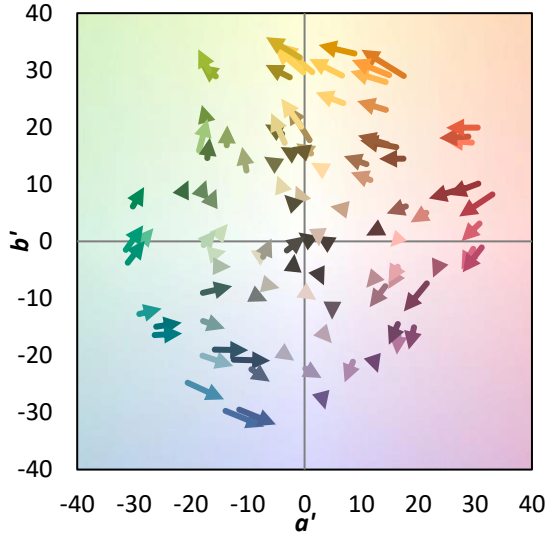


Color Vector Graphics







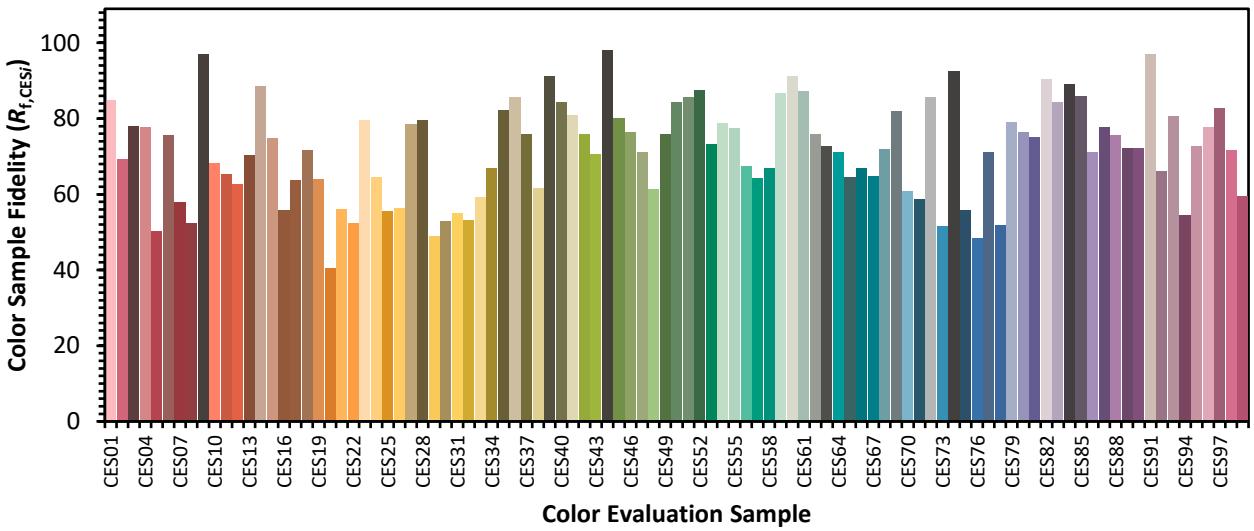


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

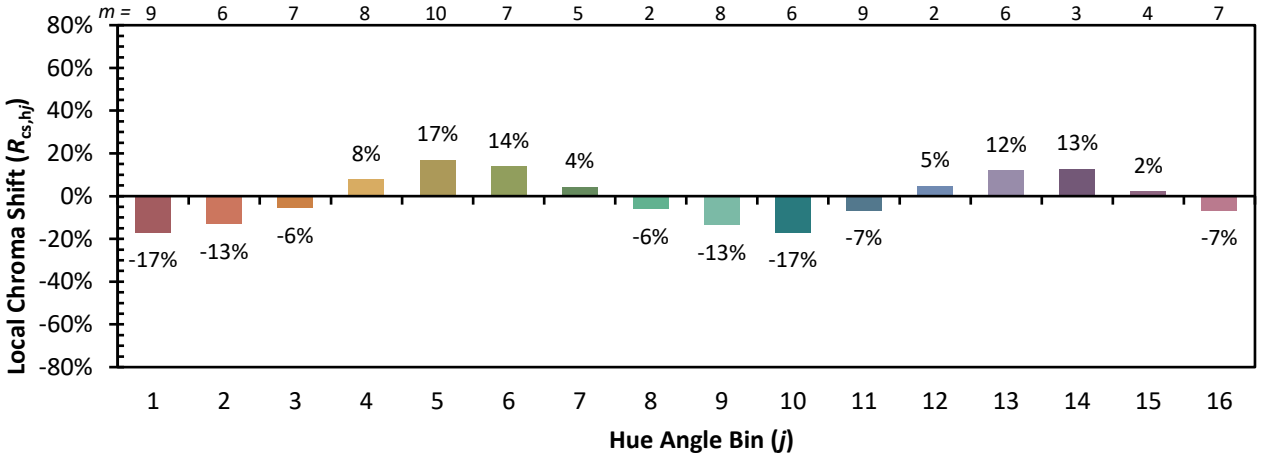
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

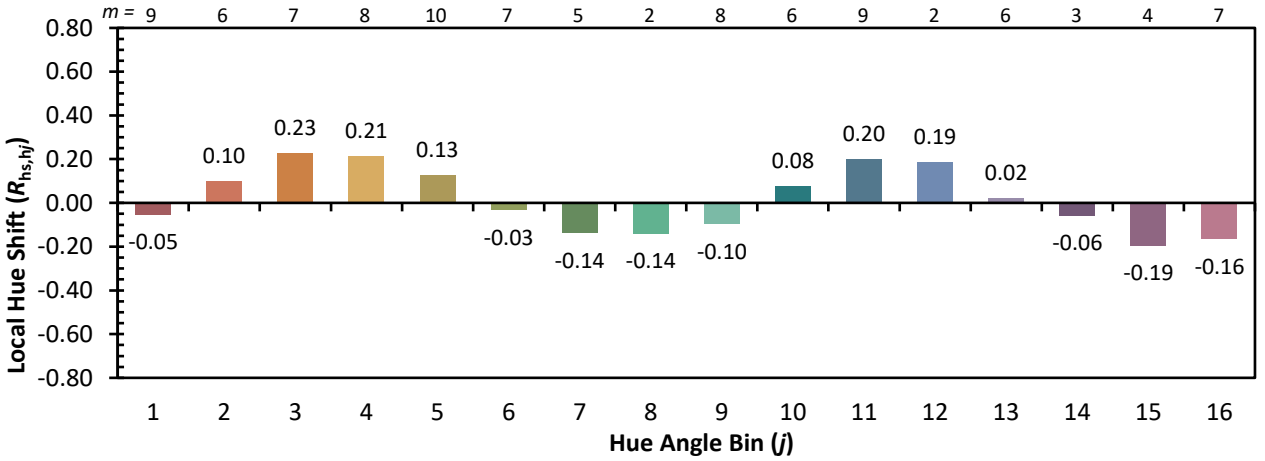


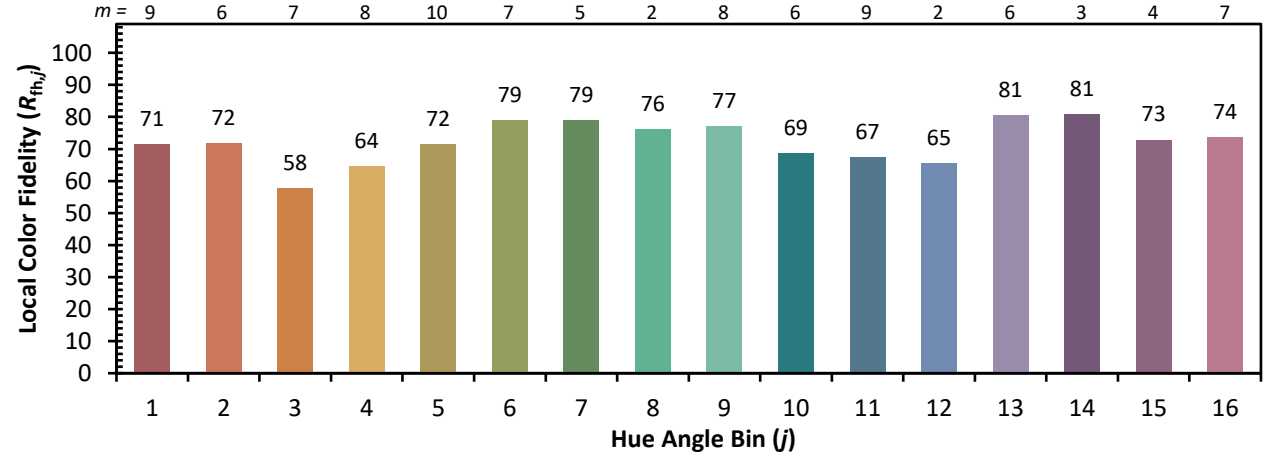
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



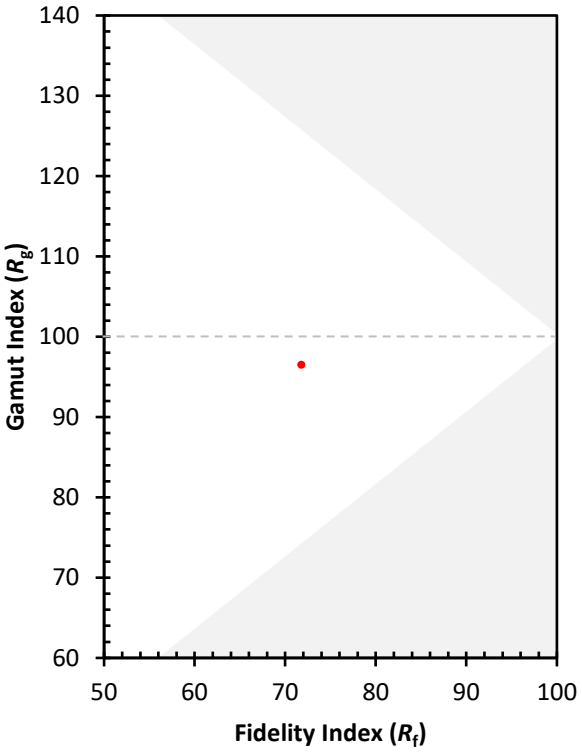


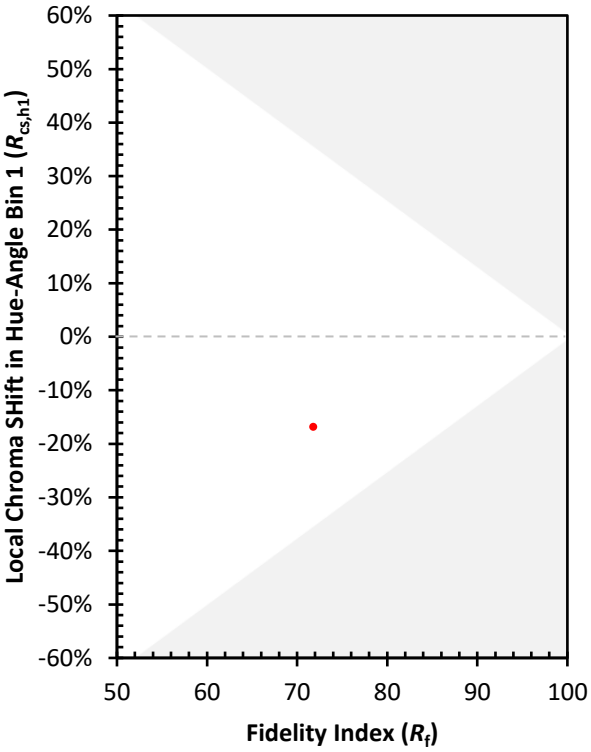


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)