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: P1362604

Luminaire Tested: **GSS-SB6B-740-U-SL2**

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:	P1362604
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6B-740-U-SL2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 219W 70CRI 4000K FIXTURE w/ TYPE II SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(156) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	34152.5 lumens
Efficiency:	N/A
Efficacy:	155.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G4

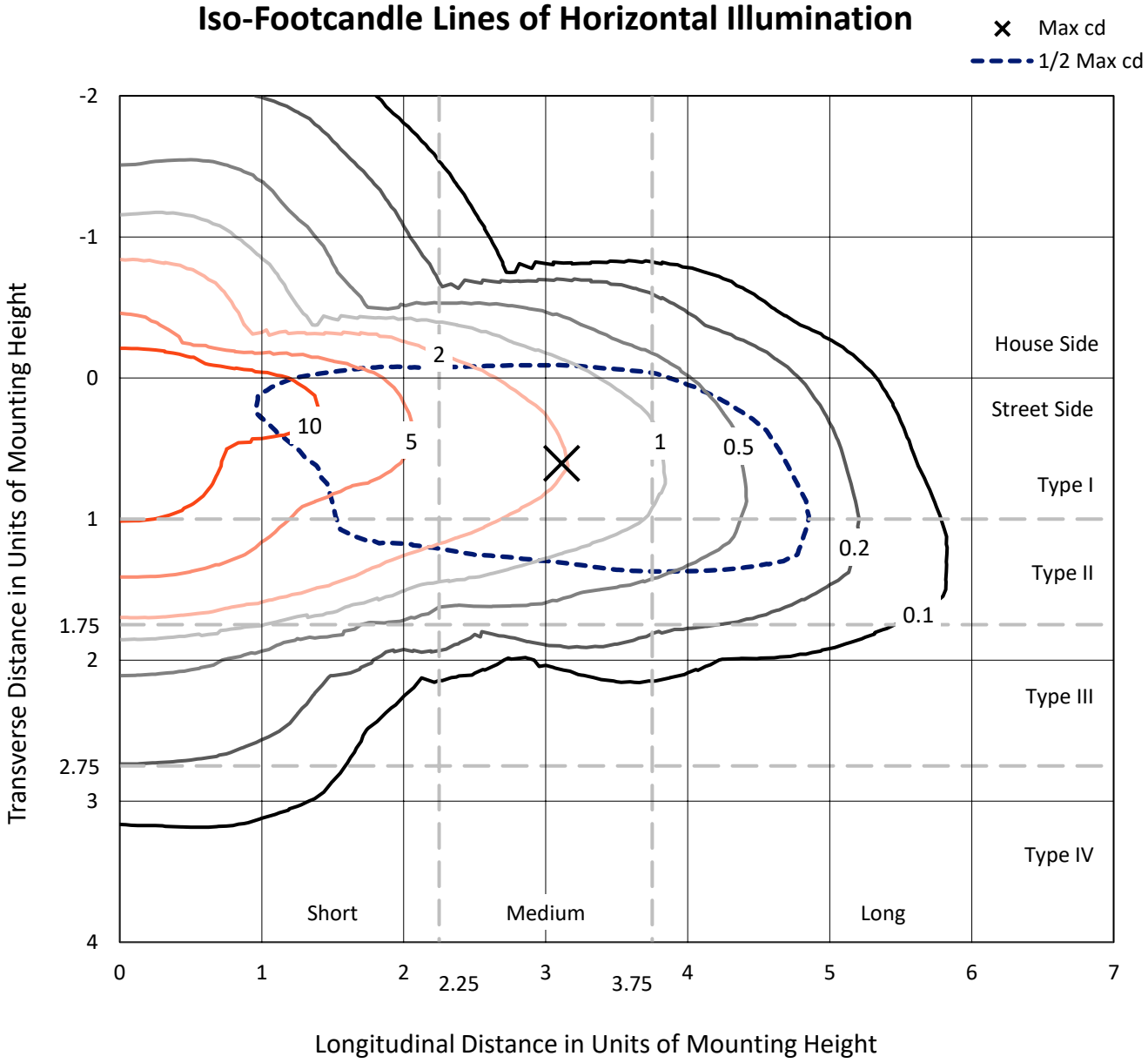
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1362604
CATALOG NUMBER: GSS-SB6B-740-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



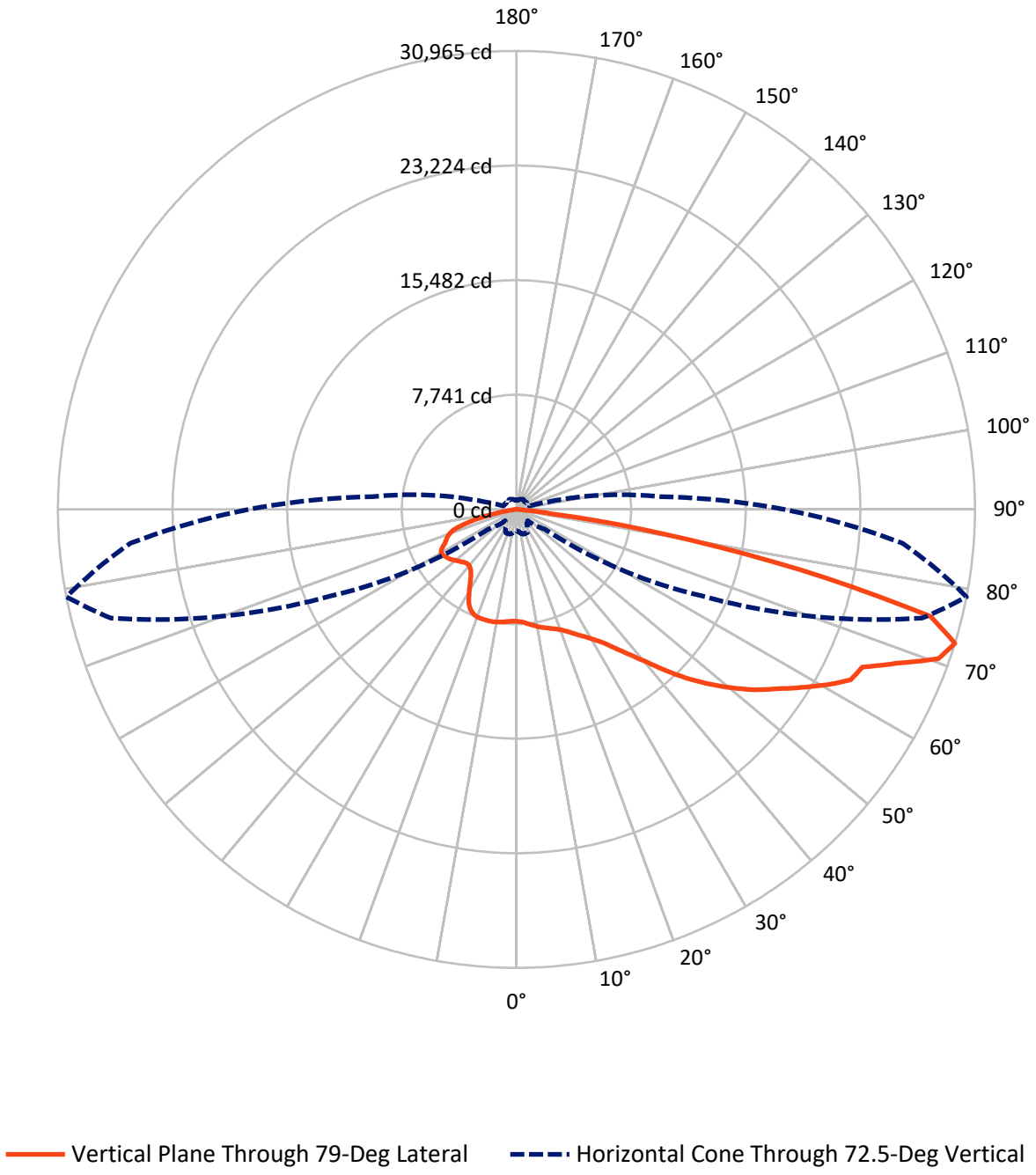
Based on 20 foot mounting height. Maximum calculated value = 19 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1362604
CATALOG NUMBER: GSS-SB6B-740-U-SL2

Luminous Intensity Polar Plot



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

Scaled Data Report

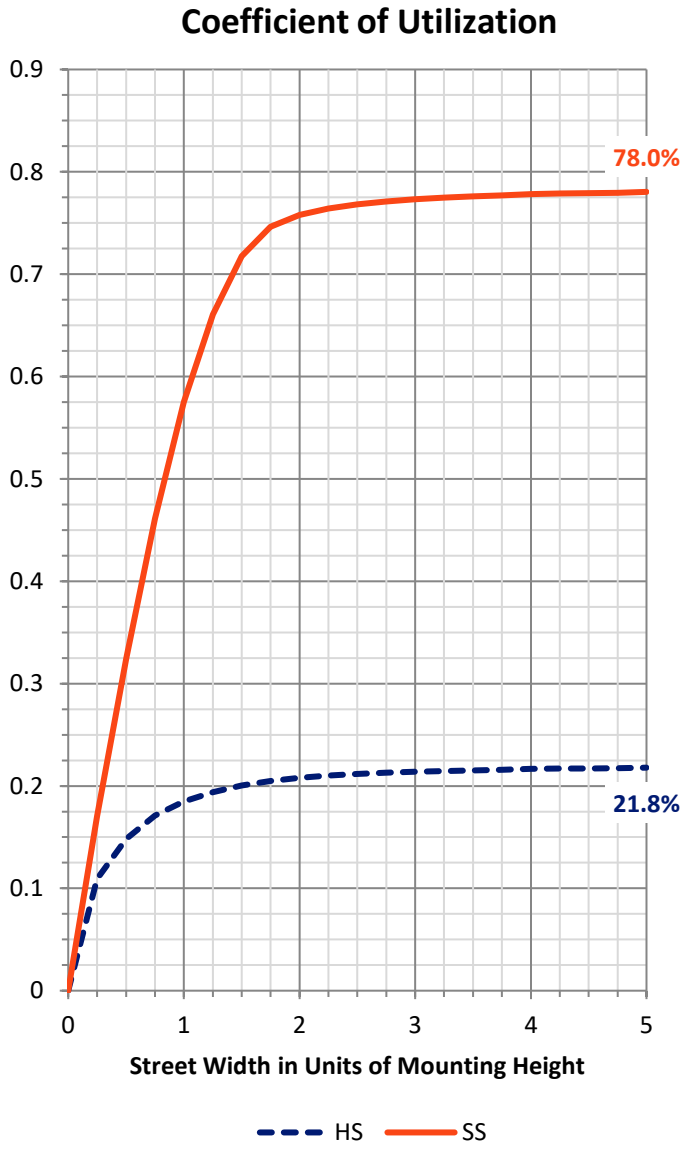
REPORT NUMBER: P1362604
CATALOG NUMBER: GSS-SB6B-740-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7502.2	0.0	7502.2
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	26650.3	0.0	26650.3
	% Fixture	78.0	0.0	78.0
Total	Lumens	34152.5	0.0	34152.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	702.1	2.1
10°-20°	1743.7	5.1
20°-30°	2745.4	8.0
30°-40°	4097.0	12.0
40°-50°	5825.4	17.1
50°-60°	7358.5	21.5
60°-70°	6887.7	20.2
70°-80°	4375.1	12.8
80°-90°	417.4	1.2
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°	34152.5	100.0
0°-180°	34152.5	100.0



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

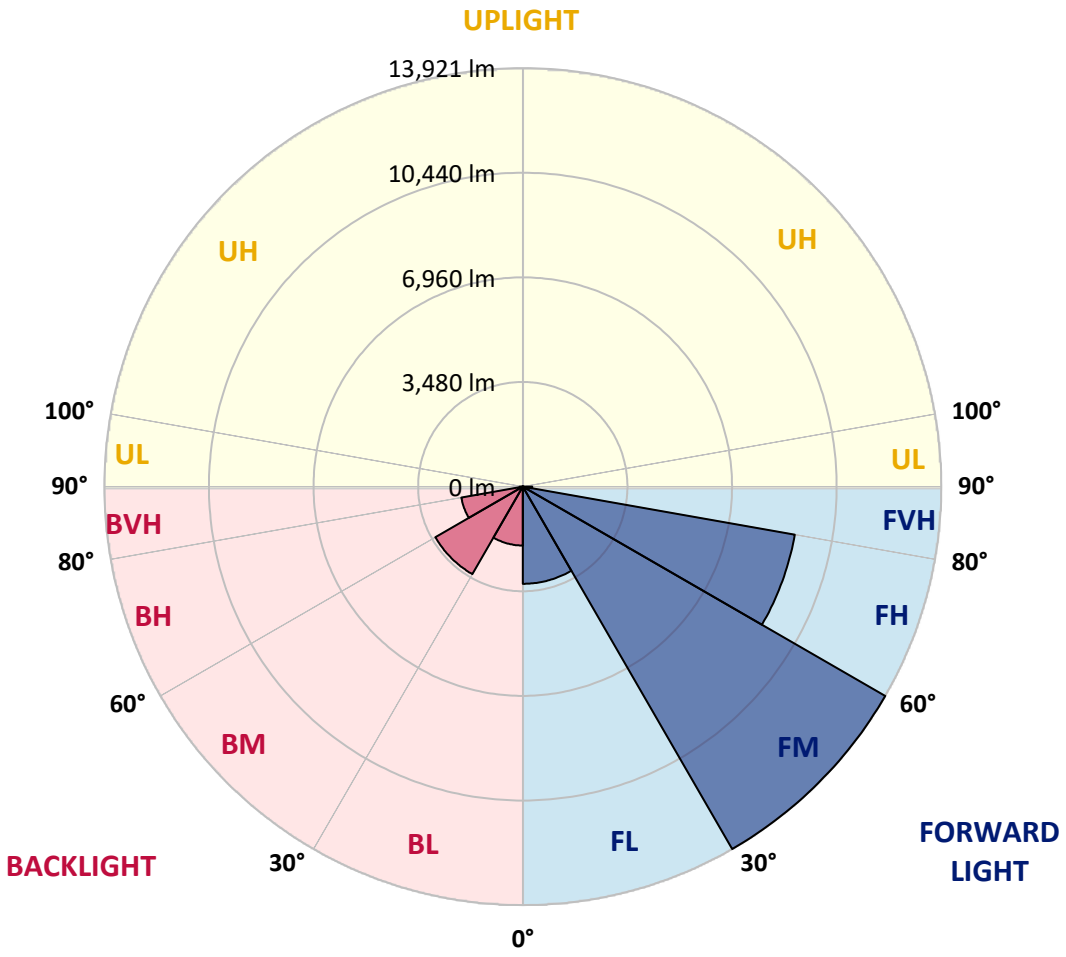
Scaled Data Report

REPORT NUMBER: P1362604
CATALOG NUMBER: GSS-SB6B-740-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3232.7	9.5			
FM	(30°-60°)	13920.6	40.8			
FH	(60°-80°)	9186.2	26.9			G4/12000
FVH	(80°-90°)	310.9	0.9			G3/500
BL	(0°-30°)	1958.6	5.7	B3/2500		
BM	(30°-60°)	3360.4	9.8	B3/5000		
BH	(60°-80°)	2076.7	6.1	B3/2500		G3/2500
BVH	(80°-90°)	106.5	0.3			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 II Medium



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

Scaled Data Report

REPORT NUMBER: P1362604
CATALOG NUMBER: GSS-SB6B-740-U-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	7563.5	7563.5	7563.5	7563.5	7563.5	7563.5	7563.5	7563.5	7563.5	*7563.5*	7563.5
2.5°	7741.2	7749.3	7717.0	7717.0	7725.1	7692.7	7652.3	7644.3	7611.9	*7611.9*	7611.9
5°	7781.6	7781.6	7773.6	7814.0	7830.1	7854.4	7822.0	7797.8	7749.3	*7749.3*	7684.7
7.5°	7353.4	7337.2	7401.8	7587.7	7781.6	7886.7	7951.3	7951.3	7927.1	*7886.7*	7830.1
10°	6545.3	6569.5	6666.5	6917.0	7272.6	7749.3	8007.9	8112.9	8072.5	*8056.4*	7959.4
12.5°	6117.0	6108.9	6181.7	6367.5	6674.6	7256.4	7894.8	8226.1	8234.1	*8193.7*	8080.6
15°	6068.5	6044.3	6076.6	6141.3	6343.3	6812.0	7555.4	8266.5	8347.3	*8331.1*	8201.8
17.5°	6343.3	6335.2	6286.7	6270.6	6262.5	6521.1	7224.1	8234.1	8500.8	*8484.6*	8339.2
20°	6820.0	6779.6	6690.7	6609.9	6440.2	6464.5	6965.5	8193.7	8710.9	*8686.7*	8541.2
22.5°	7329.1	7345.3	7264.5	7070.5	6771.6	6634.2	6884.7	8137.2	8993.7	*8977.6*	8783.6
25°	7951.3	7935.2	7838.2	7620.0	7224.1	6925.1	6973.6	8121.0	9316.9	*9333.1*	9098.8
27.5°	8589.7	8573.5	8452.3	8177.6	7717.0	7280.6	7175.6	8185.7	9729.1	*9721.0*	9430.1
30°	9300.8	9308.9	9155.3	8783.6	8226.1	7725.1	7498.8	8355.4	10141.2	*10165.4*	9809.9
32.5°	9939.2	9979.6	9890.7	9543.2	8848.3	8185.7	7894.8	8630.1	10690.7	*10731.1*	10294.7
35°	10343.2	10367.4	10359.3	10197.7	9510.9	8710.9	8290.7	8977.6	11353.3	*11506.8*	10941.2
37.5°	10731.1	10787.6	10795.7	10674.5	10157.3	9333.1	8759.4	9462.4	12201.7	*12452.2*	11789.6
40°	11151.2	11135.1	11248.2	11102.8	10739.1	9995.7	9244.2	10011.9	13139.1	*13551.2*	12783.5
42.5°	11401.7	11442.2	11587.6	11555.3	11191.7	10609.8	9793.7	10626.0	14310.8	*14916.8*	13987.5
45°	11563.4	11603.8	11813.9	11846.2	11652.2	11030.0	10310.9	11215.9	15385.5	*16330.9*	15280.4
47.5°	11619.9	11644.2	11918.9	12048.2	11967.4	11296.7	10714.9	11886.6	16444.1	*17664.2*	16573.3
50°	11393.7	11482.6	11838.1	12129.0	12185.6	11434.1	11062.4	12597.7	17583.4	*18957.1*	17874.3
52.5°	11046.2	11094.7	11523.0	12145.2	12322.9	11660.3	11490.6	13349.2	18658.1	*20250.0*	18989.4
55°	10367.4	10464.4	10997.7	11878.5	12403.7	11959.3	12048.2	14197.6	19773.3	*21381.3*	20201.5
57.5°	8444.2	8613.9	9494.7	10739.1	12185.6	12549.2	12880.5	15248.1	20993.4	*22690.4*	21284.3
60°	5292.8	5519.1	6440.2	8452.3	10949.2	12896.7	14205.7	16613.7	22447.9	*24064.1*	22488.4
62.5°	2868.6	2860.5	3135.3	4323.1	7894.8	11991.6	15345.1	18981.4	24322.7	*25340.8*	23191.4
65°	2488.8	2488.8	2521.2	2513.1	3410.0	8848.3	14213.8	20395.5	25615.5	*25680.2*	22593.4
67.5°	2238.3	2238.3	2286.8	2165.6	1858.5	3959.5	10399.8	19555.1	27756.9	*27716.5*	23361.1
70°	1971.7	1979.8	2060.6	1987.8	1494.9	1608.0	5688.8	17809.7	29356.9	*30221.5*	24888.3
72.5°	*1446.4*	*1494.9*	*1729.3*	*1729.3*	*1228.3*	*1082.8*	*2311.1*	*13809.8*	*28354.9*	*30964.9*	*26156.9*
75°	1018.2	1026.2	1147.4	1236.3	969.7	816.1	1123.2	9244.2	26011.5	*28888.2*	25025.7
77.5°	775.7	783.8	824.2	985.8	662.6	598.0	775.7	5050.4	18763.2	*19506.6*	16234.0
80°	517.2	509.1	565.6	694.9	468.7	404.0	501.0	1688.8	10529.0	*10044.2*	6779.6
82.5°	258.6	266.7	307.1	363.6	274.7	242.4	290.9	872.7	4129.2	*2399.9*	985.8
85°	72.7	88.9	105.0	145.5	113.1	105.0	137.4	307.1	525.2	*387.9*	266.7
87.5°	8.1	8.1	16.2	16.2	16.2	24.2	40.4	64.6	88.9	*88.9*	88.9
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: P1362604
CATALOG NUMBER: GSS-SB6B-740-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7563.5	7563.5	7563.5	7563.5	7563.5	7563.5	7563.5	7563.5	7563.5	7563.5	7563.5
2.5°	7595.8	7571.5	7539.2	7490.7	7490.7	7434.2	7401.8	7337.2	7361.4	7329.1	7313.0
5°	7668.5	7636.2	7563.5	7482.6	7401.8	7280.6	7183.7	7046.3	7030.1	6997.8	6949.3
7.5°	7797.8	7717.0	7628.1	7442.2	7288.7	7014.0	6795.8	6521.1	6367.5	6270.6	6278.6
10°	7927.1	7822.0	7636.2	7393.8	7062.5	6609.9	6044.3	5502.9	5090.8	4856.4	4904.9
12.5°	8016.0	7902.8	7652.3	7264.5	6650.3	5745.3	4694.8	3927.2	3628.2	3474.7	3474.7
15°	8104.9	7959.4	7628.1	6989.7	5874.6	4331.2	3498.9	3208.0	3127.2	3078.7	3062.6
17.5°	8218.0	8048.3	7555.4	6480.7	4630.2	3385.8	3094.9	3006.0	3006.0	2997.9	2981.7
20°	8355.4	8153.3	7466.5	5672.6	3555.5	3038.3	2957.5	2941.3	2957.5	2949.4	2941.3
22.5°	8565.5	8282.6	7240.2	4557.5	3054.5	2876.7	2868.6	2787.8	2804.0	2820.1	2812.1
25°	8832.1	8444.2	6812.0	3482.7	2804.0	2771.7	2690.8	2618.1	2610.0	2618.1	2618.1
27.5°	9082.6	8565.5	6117.0	2868.6	2626.2	2618.1	2545.4	2480.7	2480.7	2488.8	2488.8
30°	9357.4	8638.2	5050.4	2553.5	2521.2	2480.7	2456.5	2432.3	2440.3	2464.6	2464.6
32.5°	9721.0	8710.9	4008.0	2375.7	2416.1	2359.5	2375.7	2367.6	2383.8	2424.2	2432.3
35°	10165.4	8743.2	3208.0	2270.7	2270.7	2222.2	2230.2	2197.9	2197.9	2222.2	2238.3
37.5°	10755.3	8759.4	2698.9	2214.1	2157.5	2133.3	2117.1	2076.7	2020.2	1979.8	1987.8
40°	11393.7	8799.8	2424.2	2173.7	2109.0	2101.0	2068.6	2012.1	1850.5	1721.2	1713.1
42.5°	12242.1	8912.9	2286.8	2109.0	2109.0	2109.0	2060.6	1810.1	1680.8	1591.9	1583.8
45°	13098.7	9211.9	2214.1	2052.5	2101.0	2109.0	1890.9	1737.3	1632.3	1535.3	1511.1
47.5°	14052.2	9640.2	2181.8	2020.2	2044.4	2060.6	1777.7	1705.0	1583.8	1470.7	1446.4
50°	14997.6	10092.7	2149.4	1963.6	1963.6	1858.5	1753.5	1672.7	1551.5	1430.3	1414.1
52.5°	15999.6	10617.9	2117.1	1866.6	1858.5	1745.4	1729.3	1664.6	1535.3	1381.8	1349.5
55°	16872.3	11094.7	2060.6	1753.5	1745.4	1632.3	1713.1	1632.3	1438.3	1260.6	1228.3
57.5°	17704.6	11482.6	1987.8	1632.3	1648.4	1543.4	1648.4	1567.6	1349.5	1171.7	1155.5
60°	18496.5	11886.6	1890.9	1527.2	1527.2	1462.6	1567.6	1462.6	1260.6	1082.8	1058.6
62.5°	18730.9	11757.3	1729.3	1414.1	1406.0	1357.5	1462.6	1341.4	1147.4	985.8	961.6
65°	17922.8	11094.7	1535.3	1301.0	1276.7	1236.3	1309.1	1195.9	1018.2	888.9	880.8
67.5°	18035.9	10836.1	1317.1	1155.5	1131.3	1099.0	1123.2	1034.3	896.9	800.0	791.9
70°	18181.4	10553.3	1115.1	1018.2	961.6	905.0	961.6	888.9	791.9	711.1	703.0
72.5°	*18068.3*	*9769.5*	*921.2*	*856.5*	*816.1*	*751.5*	*824.2*	*767.7*	*686.9*	*622.2*	*606.0*
75°	16436.0	7854.4	751.5	703.0	654.5	614.1	662.6	646.4	581.8	573.7	517.2
77.5°	11054.3	5034.2	581.8	541.4	525.2	484.8	517.2	492.9	460.6	428.3	404.0
80°	4791.8	2254.5	420.2	379.8	363.6	339.4	371.7	363.6	347.5	323.2	315.1
82.5°	686.9	533.3	282.8	258.6	218.2	202.0	218.2	234.3	339.4	412.1	404.0
85°	193.9	161.6	137.4	121.2	97.0	80.8	88.9	145.5	193.9	121.2	105.0
87.5°	88.9	80.8	64.6	40.4	24.2	24.2	16.2	8.1	8.1	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

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

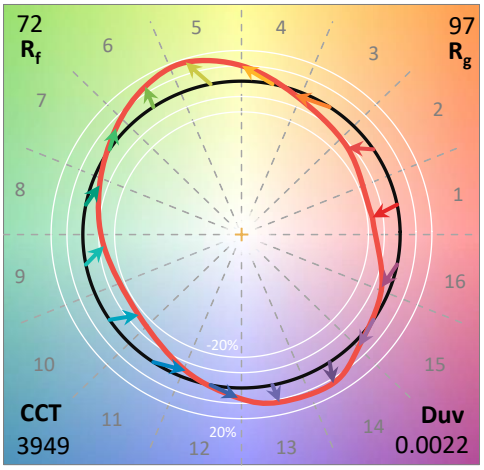
Test Information

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

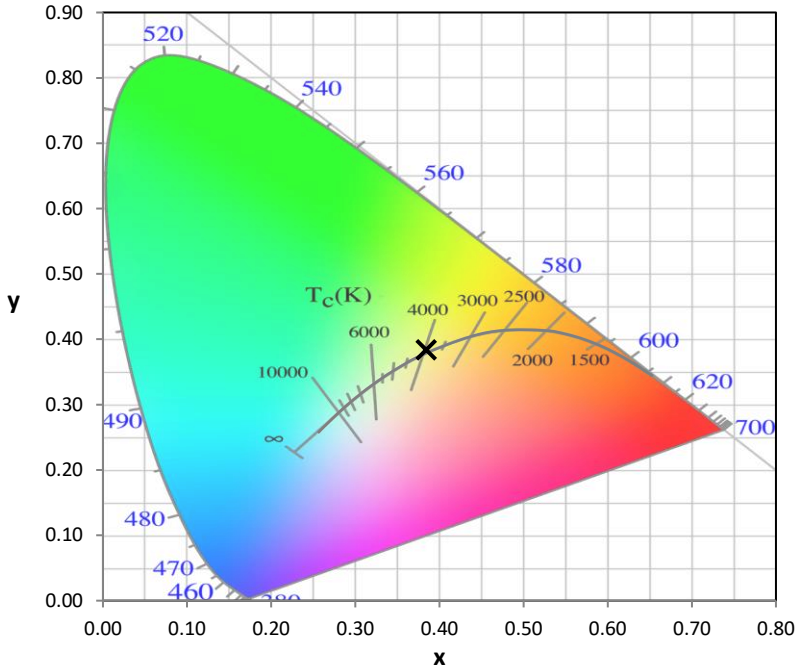
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

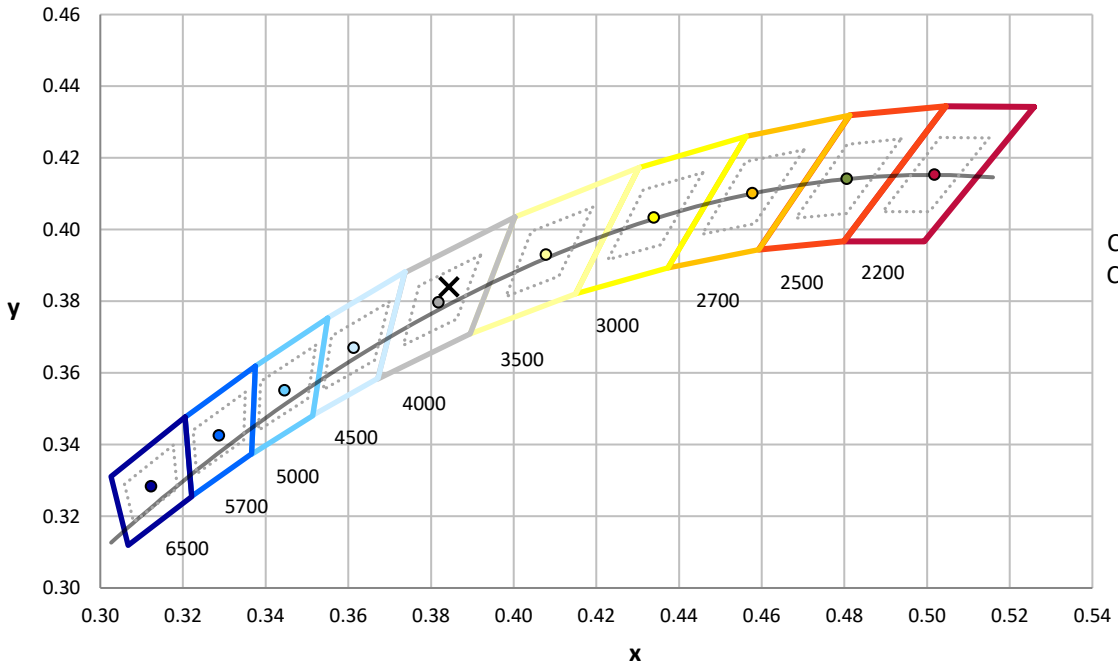
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

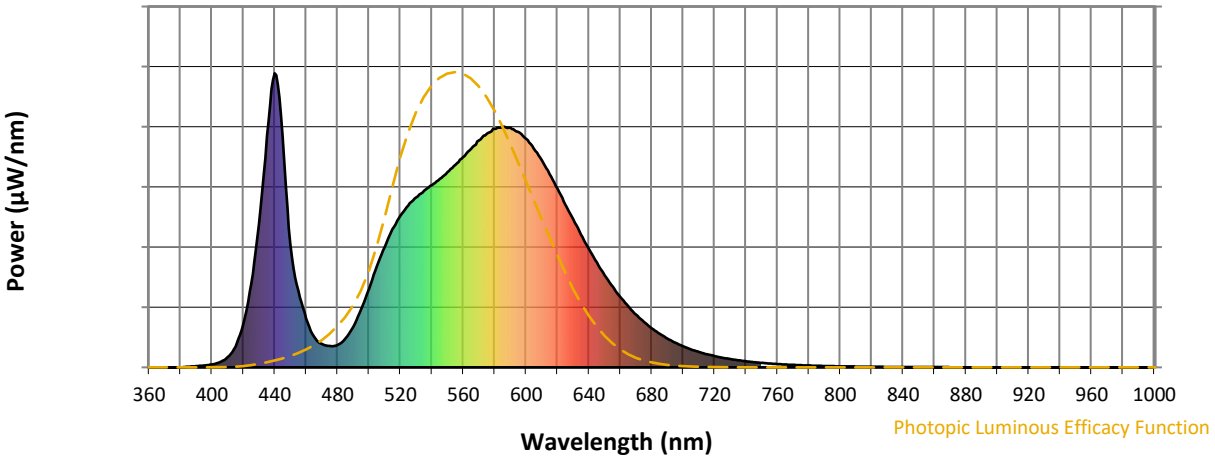


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

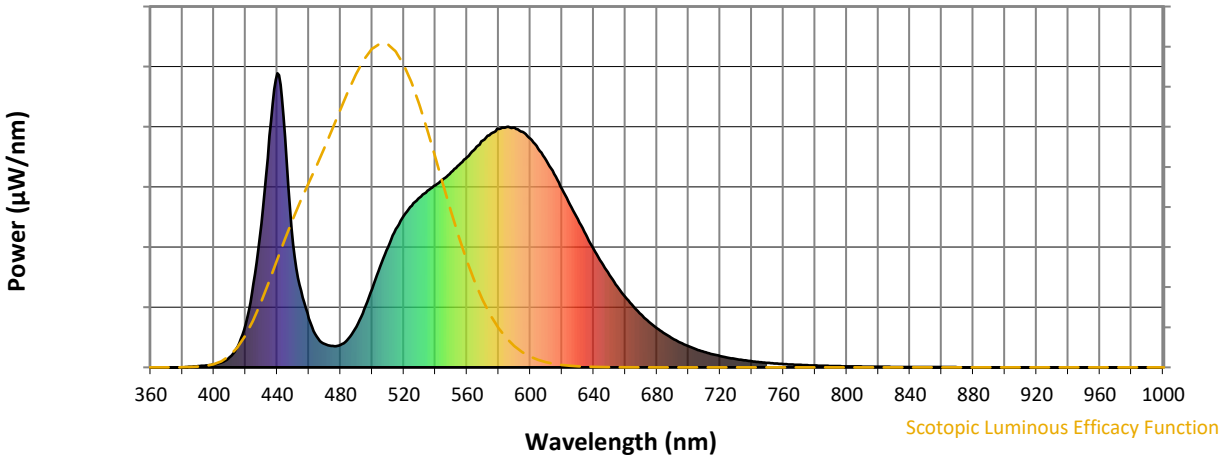


Photopic Lumens: NR

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

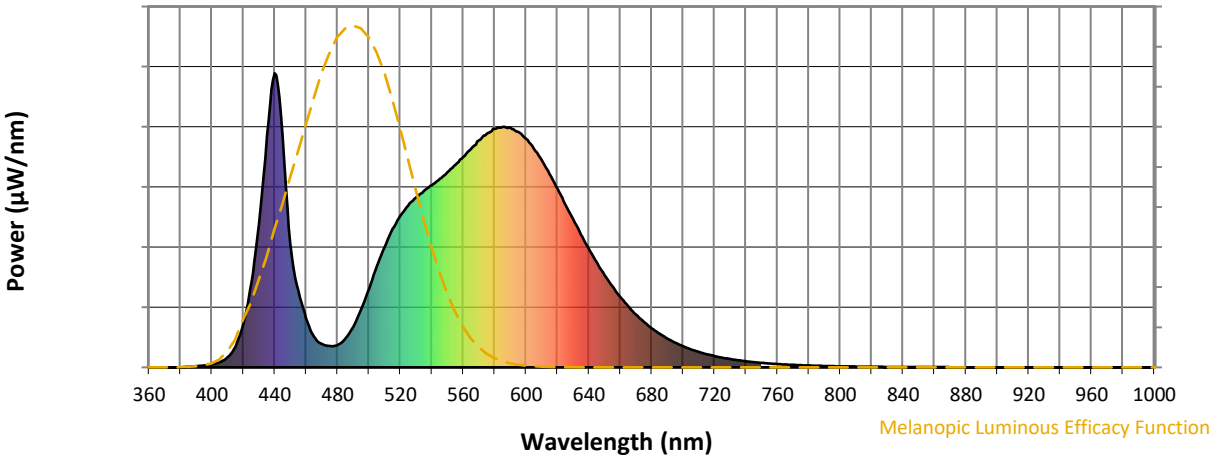


Scotopic Lumens: NR **S/P: 1.47**

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			

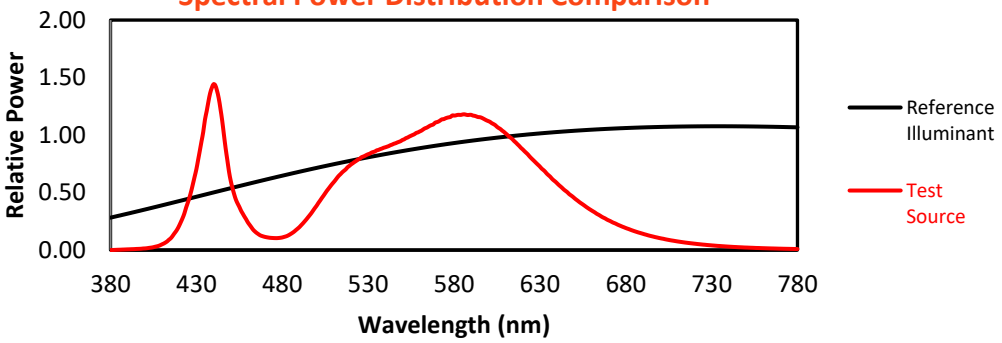
REPORT NUMBER: SP1-2407-184-1

TM-30-18

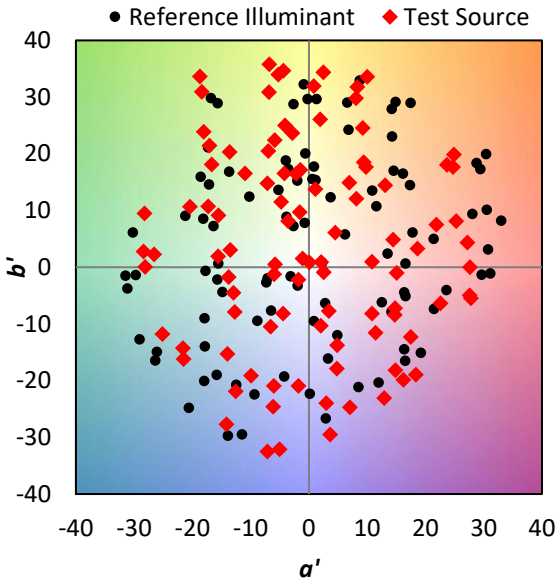
Summary

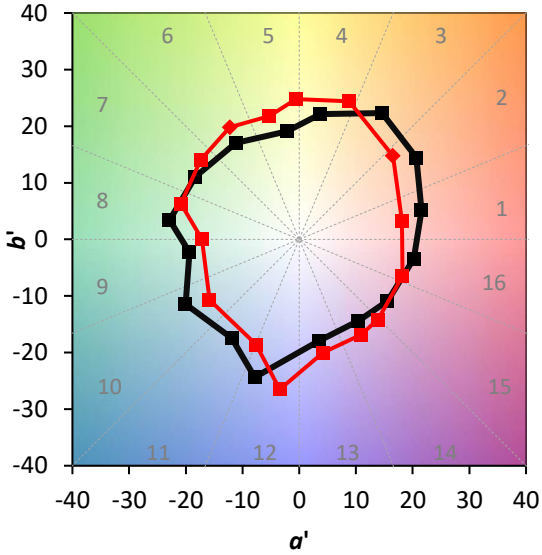
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

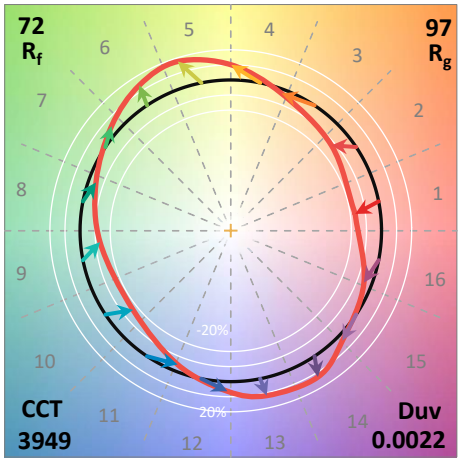
Spectral Power Distribution Comparison

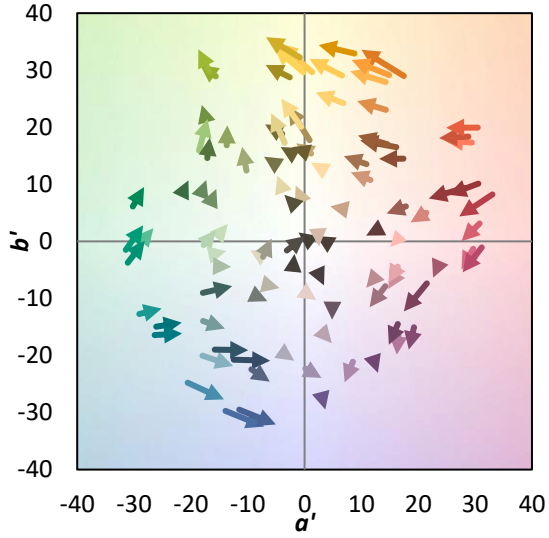


Color Vector Graphics







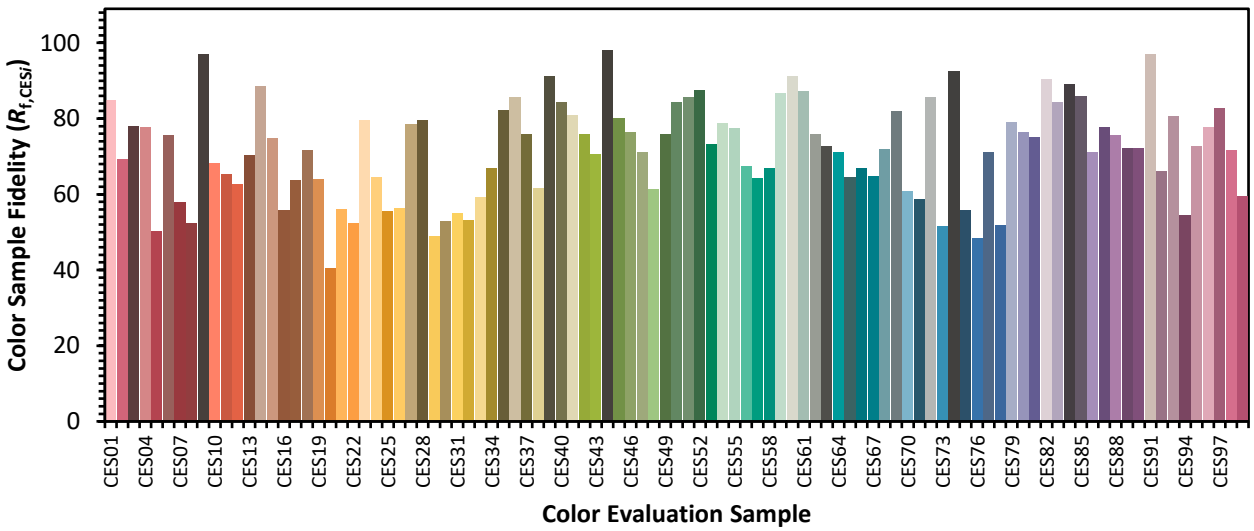


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

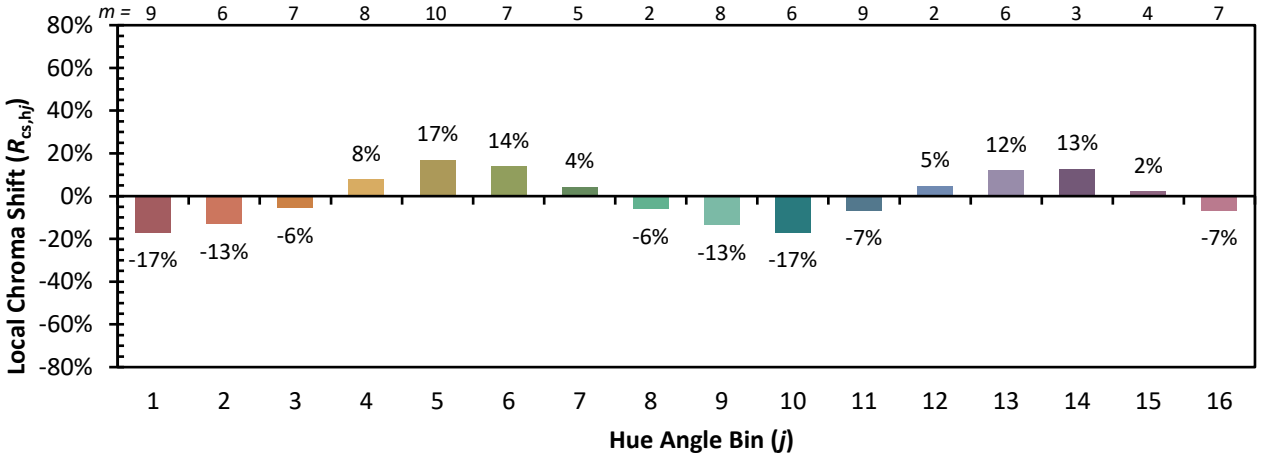
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

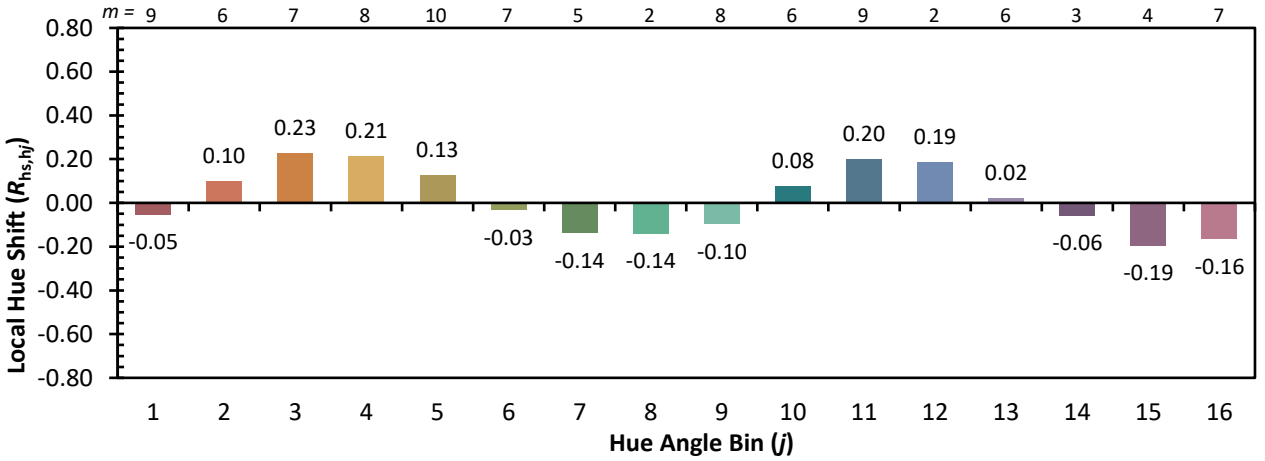


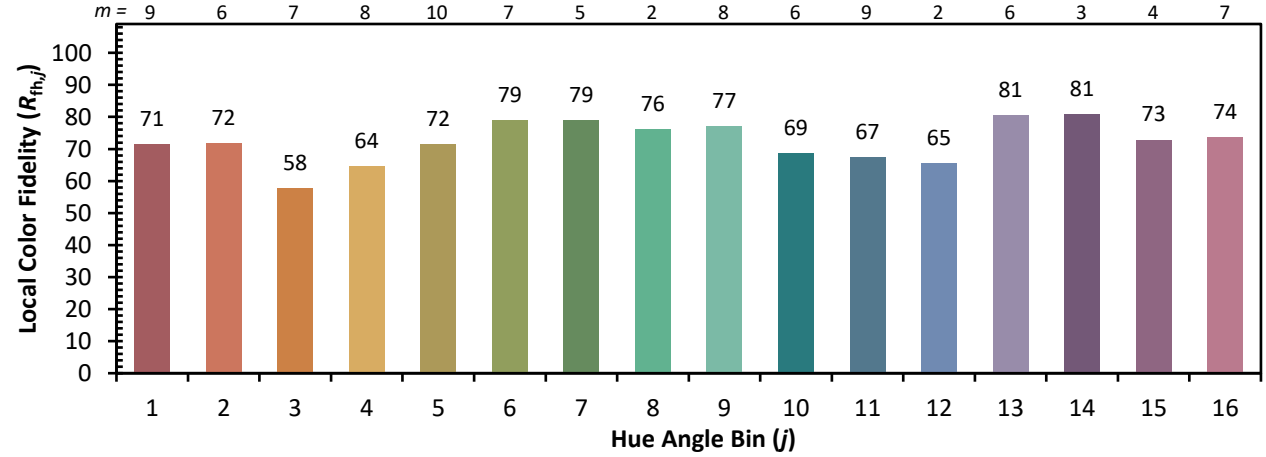
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



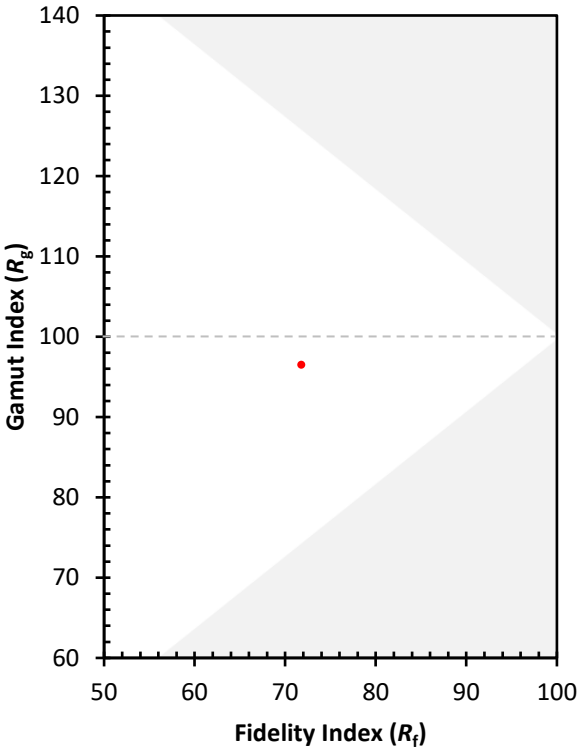


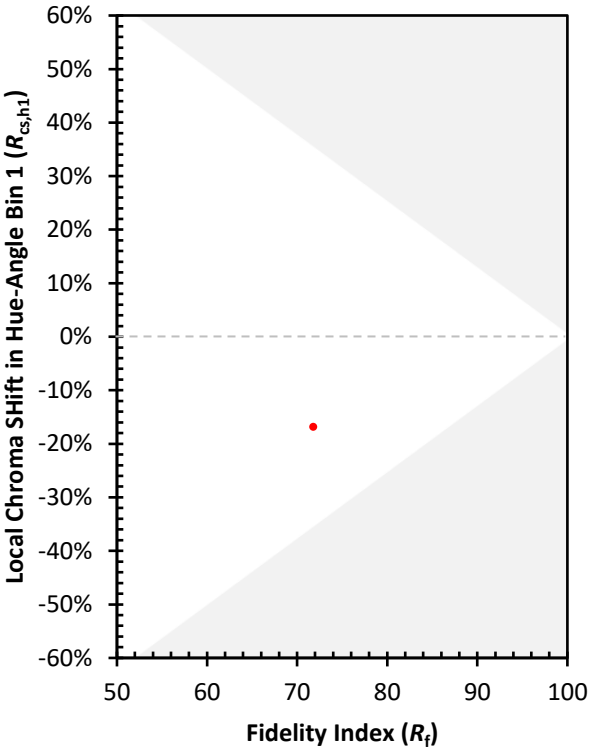


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)