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: P1363372

Luminaire Tested: **GSS-SB6B-740-U-SL3**

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:	P1363372
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-SL3
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 219W 70CRI 4000K FIXTURE w/ TYPE III SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(156) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	32459.2 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 - Medium
BUG Rating:	B3 - U0 - G4

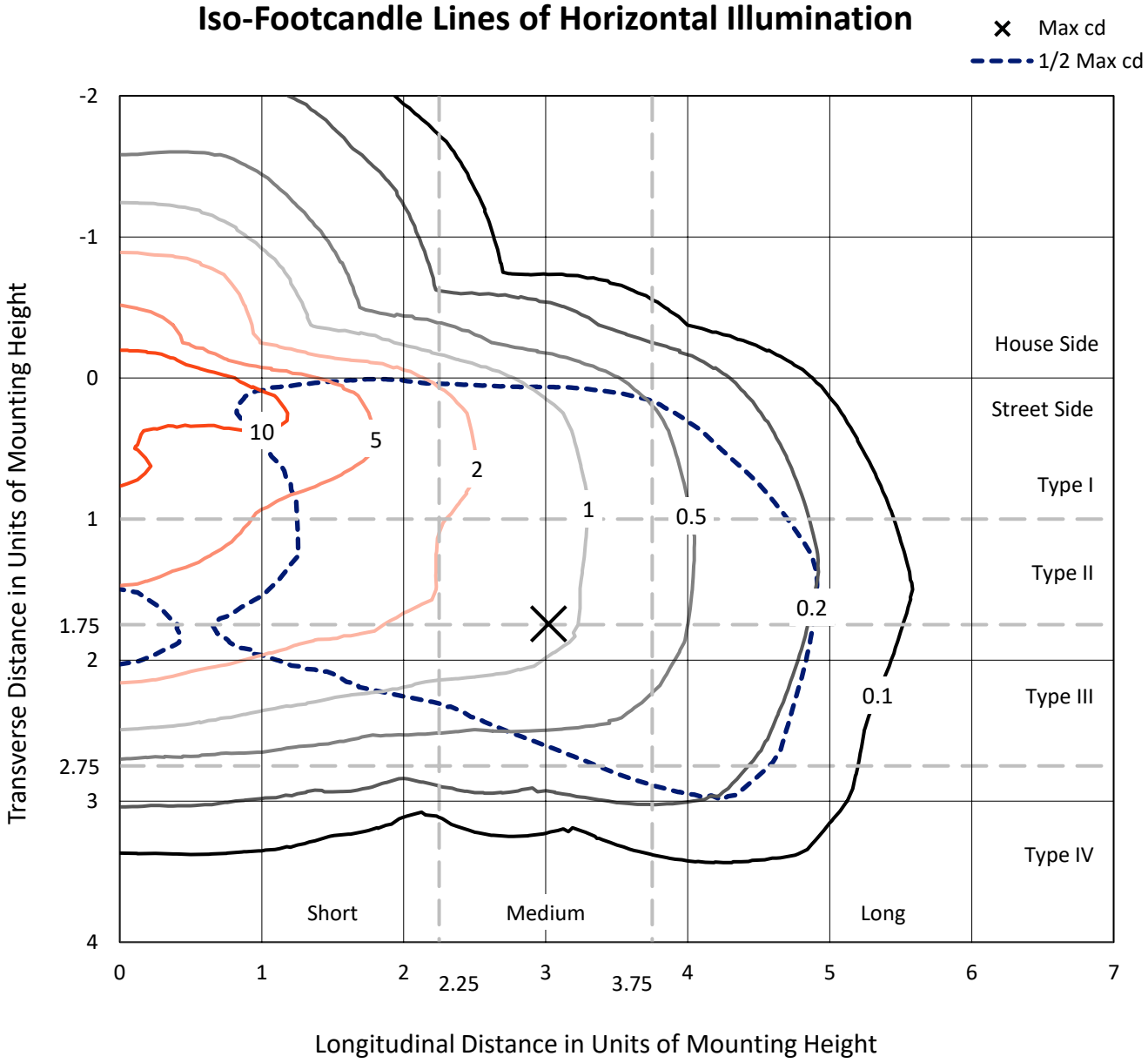
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1363372
CATALOG NUMBER: GSS-SB6B-740-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



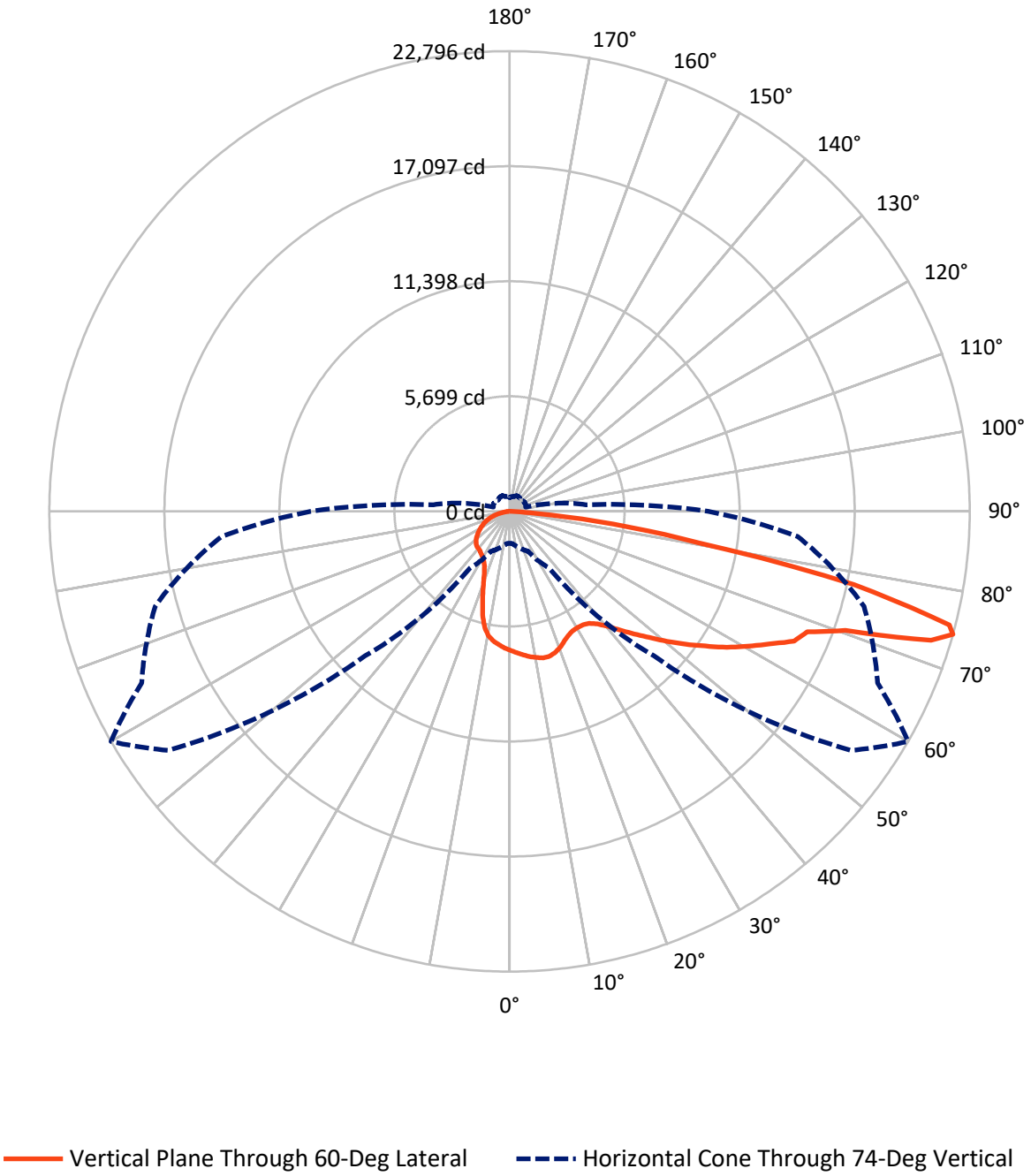
Based on 20 foot mounting height. Maximum calculated value = 17.2 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1363372
CATALOG NUMBER: GSS-SB6B-740-U-SL3

Luminous Intensity Polar Plot



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

Scaled Data Report

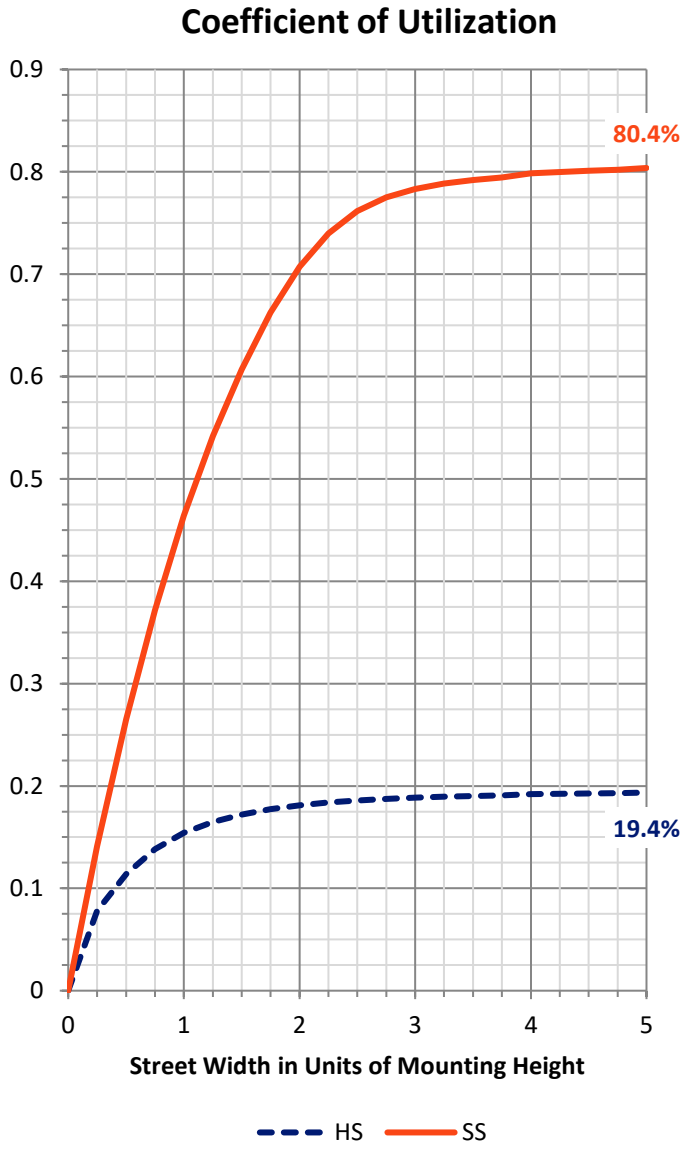
REPORT NUMBER: P1363372
CATALOG NUMBER: GSS-SB6B-740-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6335.9	0.0	6335.9
	% Fixture	19.5	0.0	19.5
Street Side	Lumens	26123.3	0.0	26123.3
	% Fixture	80.5	0.0	80.5
Total	Lumens	32459.2	0.0	32459.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	633.5	2.0
10°-20°	1554.5	4.8
20°-30°	2324.1	7.2
30°-40°	3313.0	10.2
40°-50°	4763.8	14.7
50°-60°	6378.5	19.7
60°-70°	7490.1	23.1
70°-80°	5342.4	16.5
80°-90°	659.3	2.0
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°	32459.2	100.0
0°-180°	32459.2	100.0



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

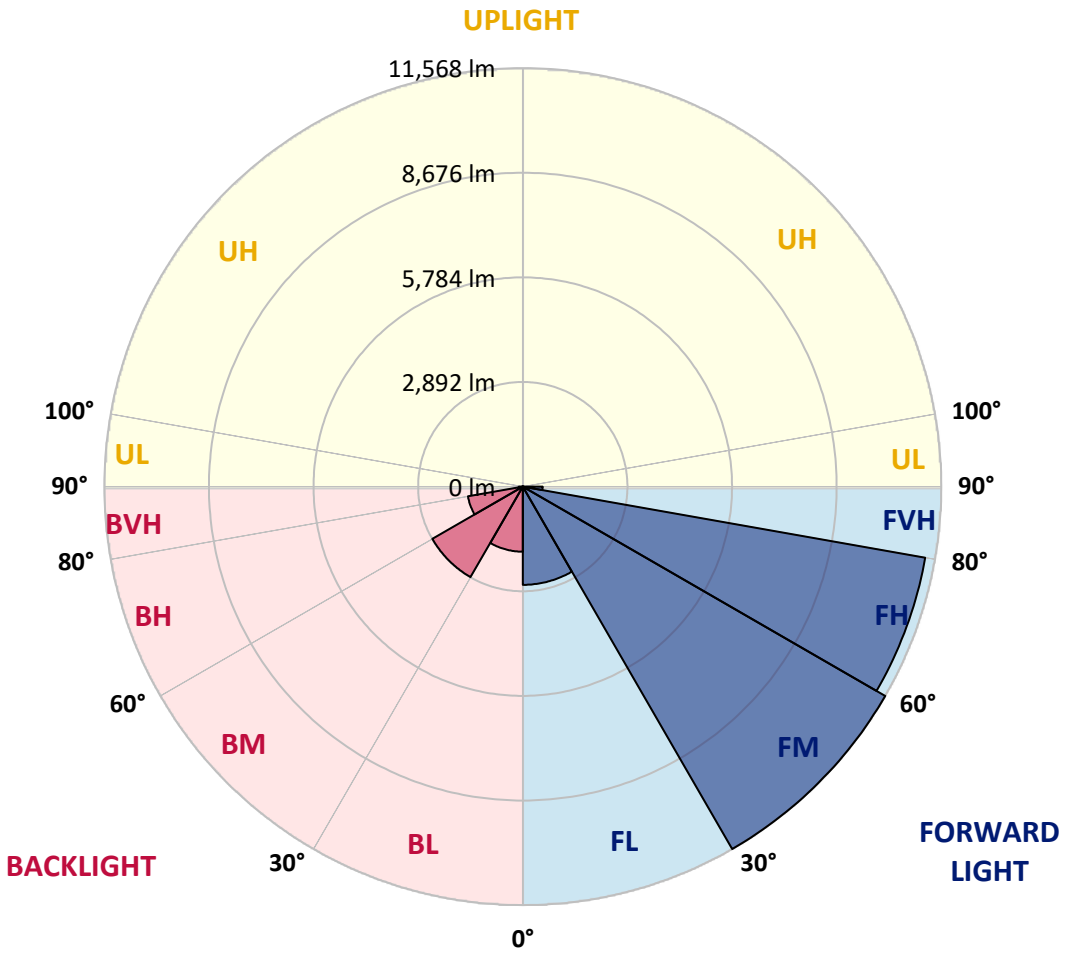
Scaled Data Report

REPORT NUMBER: P1363372
CATALOG NUMBER: GSS-SB6B-740-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2714.0	8.4			
FM	(30°-60°)	11567.7	35.6			
FH	(60°-80°)	11293.6	34.8			G4/12000
FVH	(80°-90°)	547.9	1.7			G4/750
BL	(0°-30°)	1798.1	5.5	B3/2500		
BM	(30°-60°)	2887.7	8.9	B3/5000		
BH	(60°-80°)	1538.8	4.7	B3/2500		G3/2500
BVH	(80°-90°)	111.4	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 III Medium



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

Scaled Data Report

REPORT NUMBER: P1363372
CATALOG NUMBER: GSS-SB6B-740-U-SL3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8
2.5°	7103.0	7111.1	7078.7	7054.5	7054.5	7014.1	7014.1	7014.1	6973.7	6965.6	6909.0
5°	7183.8	7175.7	7159.6	7167.6	7175.7	7159.6	7167.6	7143.4	7086.8	7070.7	6981.8
7.5°	6957.5	6957.5	6997.9	7078.7	7191.9	7248.4	7280.8	7264.6	7240.4	7191.9	7062.6
10°	6141.4	6197.9	6319.2	6585.8	6917.1	7191.9	7369.7	7361.6	7369.7	7305.0	7159.6
12.5°	5422.2	5446.4	5559.6	5793.9	6270.7	6860.6	7353.5	7450.5	7474.7	7434.3	7256.5
15°	5034.3	5026.2	5115.1	5301.0	5664.6	6311.1	7175.7	7442.4	7587.8	7579.8	7393.9
17.5°	4864.6	4872.7	4921.2	5042.4	5309.1	5842.4	6860.6	7345.4	7644.4	7741.4	7523.2
20°	4945.4	4921.2	4945.4	4969.7	5115.1	5535.3	6521.2	7175.7	7692.9	7894.9	7668.6
22.5°	5115.1	5090.9	5082.8	5066.6	5099.0	5357.5	6214.1	6965.6	7733.3	8096.9	7838.3
25°	5414.1	5389.9	5317.1	5228.3	5187.8	5301.0	6012.1	6787.8	7773.7	8379.7	8056.5
27.5°	5842.4	5810.1	5705.0	5494.9	5365.6	5381.8	5947.4	6690.9	7846.4	8654.5	8266.6
30°	6480.8	6464.6	6230.3	5890.9	5624.2	5527.2	5979.8	6666.6	7927.2	8969.6	8476.7
32.5°	7054.5	7038.3	6860.6	6480.8	6036.3	5761.6	6060.6	6698.9	8032.3	9373.7	8783.8
35°	7523.2	7490.9	7345.4	7054.5	6602.0	6117.1	6238.3	6812.1	8258.5	9907.0	9155.5
37.5°	8000.0	7975.7	7773.7	7466.6	7183.8	6610.1	6537.3	7070.7	8565.6	10634.3	9696.9
40°	8573.7	8541.4	8298.9	7935.3	7684.8	7280.8	6965.6	7482.8	9034.3	11466.6	10311.0
42.5°	9123.2	9090.9	8808.0	8492.9	8177.7	7927.2	7571.7	8032.3	9616.1	12525.2	11038.3
45°	9761.6	9761.6	9365.6	9018.1	8686.8	8379.7	8145.4	8662.6	10294.9	13721.1	11846.4
47.5°	10359.5	10303.0	9915.1	9535.3	9212.1	8630.2	8694.9	9325.2	11054.5	14933.2	12719.1
50°	10553.5	10537.3	10278.7	9939.3	9664.6	8937.3	9260.5	10117.1	11911.0	16088.8	13543.4
52.5°	10779.7	10707.0	10335.3	10286.8	9971.7	9325.2	9955.5	10933.3	12694.9	17139.3	14206.0
55°	11062.6	10981.8	10472.7	10375.7	10206.0	9761.6	10747.4	11773.7	13438.3	17955.4	14828.2
57.5°	11579.7	11482.8	10763.6	10553.5	10416.1	10311.0	11644.4	12703.0	14189.8	18593.8	15361.5
60°	11878.7	11797.9	11183.8	11030.2	10828.2	11070.6	12606.0	13559.5	14900.9	19086.8	15773.6
62.5°	11725.2	11668.6	11240.3	11531.2	11692.9	12072.7	13705.0	14448.4	15466.6	19458.5	15789.8
65°	10933.3	10820.1	10529.2	11410.0	12686.8	13761.5	15102.9	15490.8	15838.3	18456.5	14836.3
67.5°	9034.3	8921.2	9090.9	9995.9	12121.1	16363.5	17026.2	15911.0	15167.6	17543.3	14698.9
70°	4105.0	3919.2	4945.4	7070.7	10028.2	15797.9	19700.9	17656.5	15846.4	17462.5	14424.2
72.5°	2012.1	2092.9	2416.1	3175.7	6133.3	12129.2	21721.1	21834.2	18149.4	17672.6	14618.1
74°	1575.7	1600.0	1866.7	2181.8	3426.2	10125.2	20638.3	22795.8	20113.0	18173.6	14319.1
75°	1357.6	1389.9	1656.6	1818.2	2206.0	8525.2	19264.5	22504.9	21010.0	18076.7	13656.5
77.5°	993.9	985.9	1179.8	1446.5	1034.3	3798.0	15603.9	17438.3	17915.0	14723.1	9107.0
80°	614.1	638.4	816.2	1010.1	686.9	1446.5	9171.7	9527.2	8476.7	8525.2	4420.2
82.5°	371.7	387.9	436.4	525.2	379.8	509.1	4153.5	5179.8	4290.9	2787.9	743.4
85°	113.1	121.2	145.5	185.9	137.4	185.9	1398.0	1260.6	897.0	371.7	218.2
87.5°	8.1	8.1	16.2	16.2	24.2	40.4	56.6	64.6	72.7	80.8	80.8
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: P1363372
CATALOG NUMBER: GSS-SB6B-740-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8	6884.8
2.5°	6909.0	6884.8	6852.5	6795.9	6755.5	6715.1	6666.6	6593.9	6569.7	6577.7	6593.9
5°	6965.6	6901.0	6804.0	6674.7	6577.7	6496.9	6367.6	6262.6	6197.9	6197.9	6165.6
7.5°	7022.2	6933.3	6779.8	6561.6	6391.9	6165.6	5923.2	5680.8	5511.1	5438.4	5373.7
10°	7119.1	6981.8	6731.3	6440.4	6076.7	5624.2	5131.3	4630.3	4315.1	4153.5	4145.4
12.5°	7183.8	7046.4	6707.0	6238.3	5551.5	4694.9	3943.4	3531.3	3402.0	3345.4	3329.3
15°	7288.8	7103.0	6650.5	5866.6	4743.4	3717.1	3305.0	3183.8	3175.7	3183.8	3191.9
17.5°	7377.7	7151.5	6505.0	5276.7	3806.0	3232.3	3127.3	3119.2	3175.7	3200.0	3224.2
20°	7474.7	7191.9	6246.4	4452.5	3280.8	3086.8	3070.7	3119.2	3200.0	3264.6	3272.7
22.5°	7612.1	7224.2	5793.9	3636.3	3030.3	3006.0	3046.4	3094.9	3143.4	3200.0	3216.1
25°	7757.5	7224.2	5171.7	3078.8	2901.0	2965.6	3006.0	2965.6	2949.5	2998.0	2998.0
27.5°	7870.7	7167.6	4290.9	2779.8	2812.1	2917.2	2892.9	2804.0	2787.9	2820.2	2812.1
30°	7951.5	6957.5	3402.0	2618.2	2723.2	2812.1	2747.5	2699.0	2666.7	2674.7	2682.8
32.5°	8072.7	6634.3	2787.9	2505.0	2650.5	2642.4	2634.3	2585.8	2545.4	2553.5	2561.6
35°	8218.1	6101.0	2440.4	2424.2	2585.8	2521.2	2529.3	2472.7	2424.2	2424.2	2432.3
37.5°	8404.0	5462.6	2294.9	2391.9	2480.8	2472.7	2448.5	2375.7	2303.0	2286.9	2286.9
40°	8606.0	4678.8	2222.2	2375.7	2432.3	2456.6	2408.1	2319.2	2125.2	2004.0	1995.9
42.5°	8735.3	4032.3	2198.0	2351.5	2424.2	2448.5	2383.8	2109.1	1923.2	1842.4	1834.3
45°	8921.2	3676.7	2198.0	2286.9	2391.9	2416.1	2189.9	2004.0	1899.0	1858.6	1866.7
47.5°	9107.0	3676.7	2198.0	2238.4	2303.0	2335.3	2036.4	1955.5	1858.6	1858.6	1890.9
50°	9365.6	3878.8	2181.8	2165.6	2189.9	2068.7	1939.4	1874.7	1745.4	1697.0	1705.0
52.5°	9753.5	4185.8	2117.2	2060.6	2068.7	1915.1	1874.7	1777.8	1648.5	1551.5	1527.3
55°	10173.7	4517.1	1987.9	1939.4	1931.3	1818.2	1802.0	1697.0	1575.7	1446.5	1422.2
57.5°	10634.3	4783.8	1826.3	1818.2	1793.9	1721.2	1745.4	1672.7	1503.0	1333.3	1309.1
60°	11070.6	5082.8	1672.7	1688.9	1648.5	1632.3	1664.6	1616.2	1406.1	1220.2	1204.0
62.5°	11070.6	5074.7	1535.3	1551.5	1543.4	1503.0	1559.6	1527.3	1276.8	1123.2	1107.1
65°	10464.6	4848.5	1373.7	1414.1	1446.5	1365.6	1438.4	1381.8	1163.6	1042.4	1018.2
67.5°	10383.8	4759.6	1212.1	1252.5	1309.1	1220.2	1268.7	1212.1	1058.6	953.5	937.4
70°	10222.2	4557.5	1066.7	1115.1	1139.4	1042.4	1107.1	1066.7	953.5	872.7	856.6
72.5°	10303.0	4379.8	913.1	969.7	977.8	888.9	953.5	937.4	840.4	783.8	751.5
74°	*9850.4*	*3789.9*	*824.2*	*872.7*	*856.6*	*791.9*	*848.5*	*848.5*	*759.6*	*719.2*	*678.8*
75°	9252.5	3361.6	759.6	808.1	767.7	727.3	783.8	791.9	703.0	703.0	638.4
77.5°	6076.7	2254.5	598.0	630.3	614.1	589.9	622.2	614.1	549.5	533.3	492.9
80°	2973.7	1236.4	452.5	436.4	444.4	436.4	460.6	452.5	420.2	404.0	396.0
82.5°	557.6	412.1	299.0	290.9	274.7	258.6	290.9	290.9	387.9	436.4	436.4
85°	169.7	161.6	145.5	145.5	137.4	121.2	129.3	185.9	226.3	153.5	145.5
87.5°	72.7	72.7	64.6	56.6	40.4	40.4	32.3	32.3	32.3	32.3	32.3
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

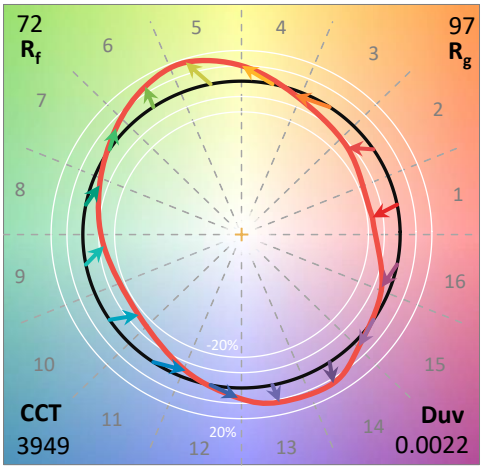
Test Information

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

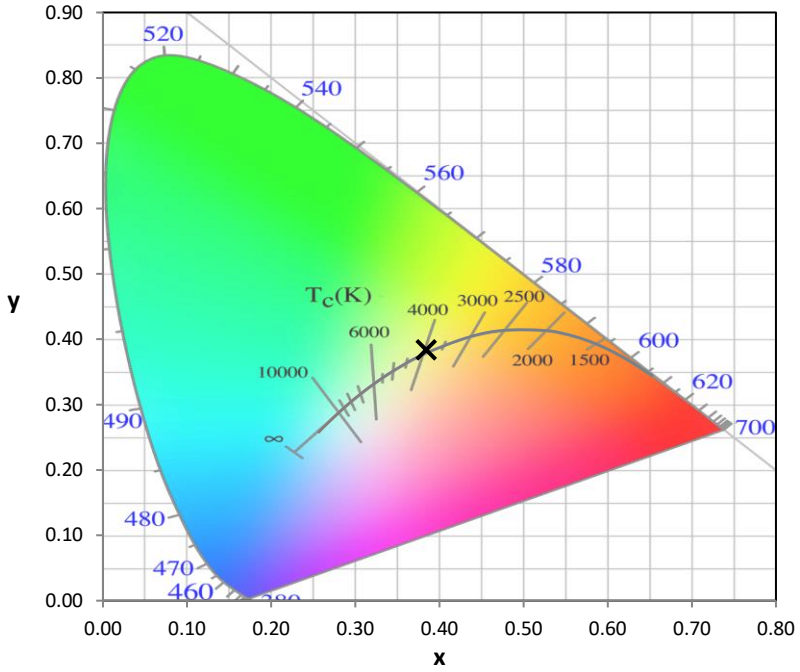
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

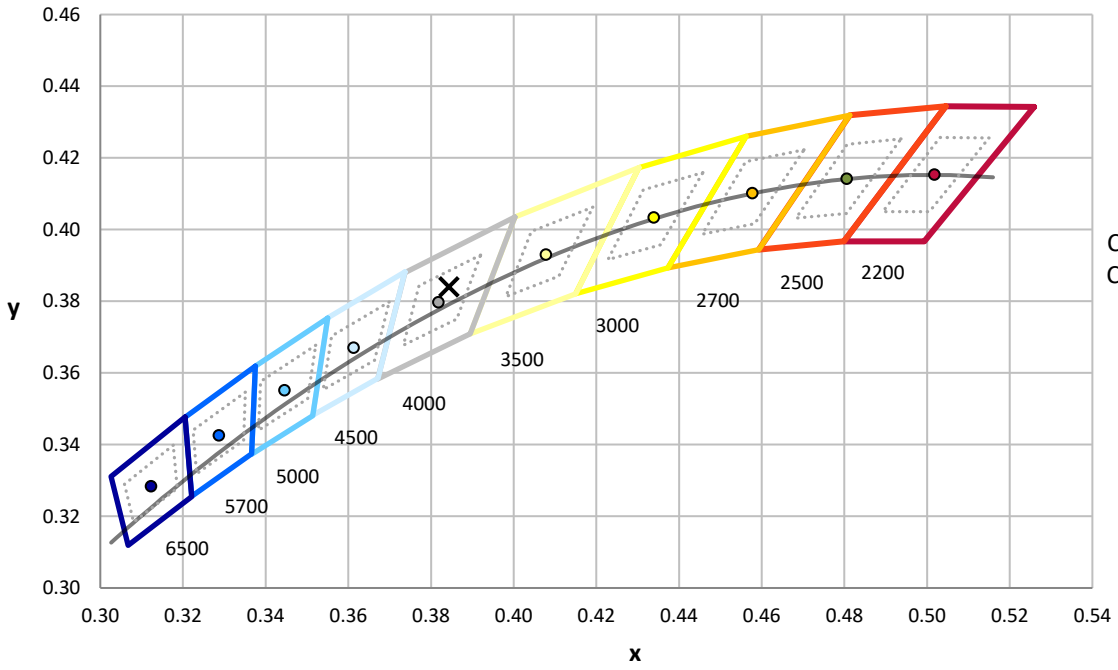
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

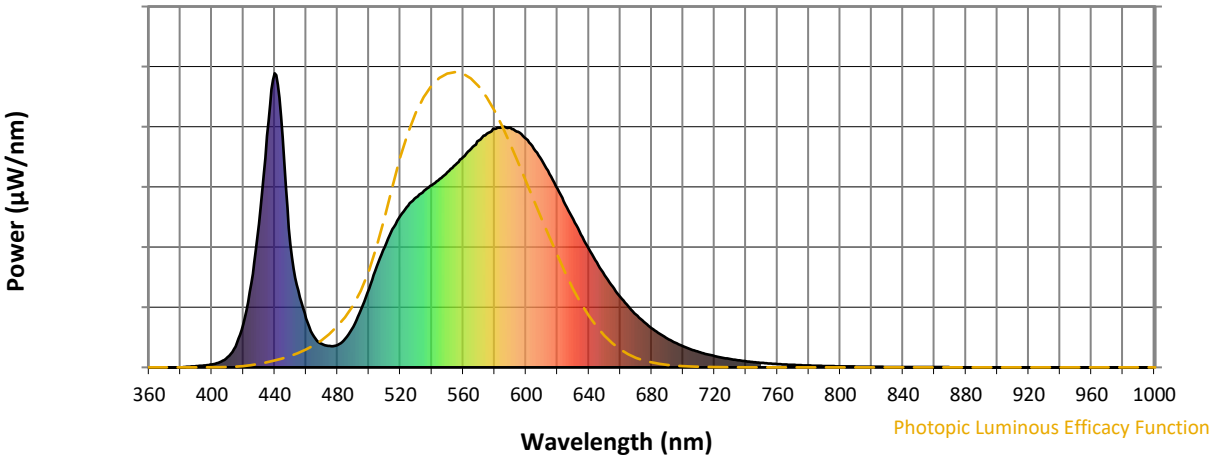


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

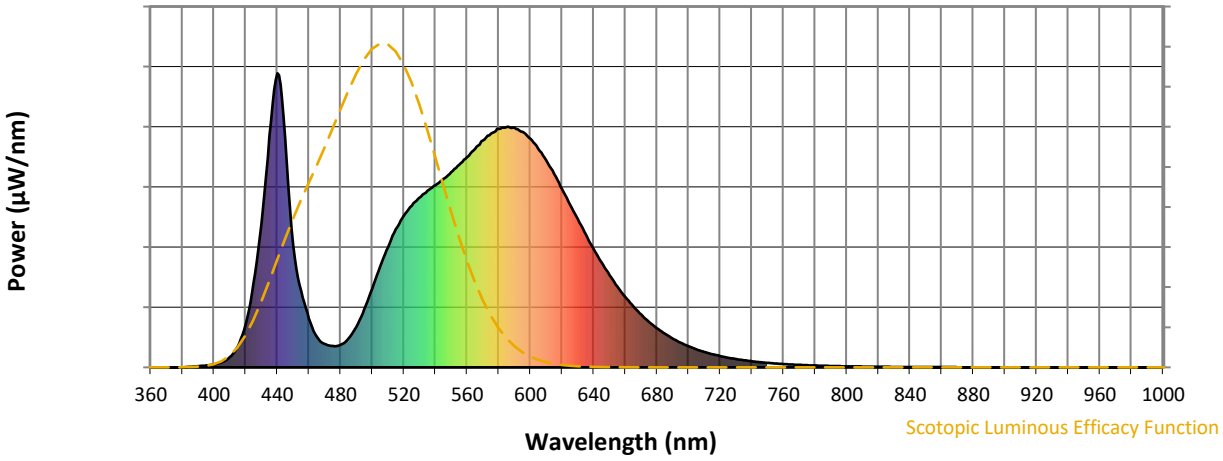


Photopic Lumens: NR

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

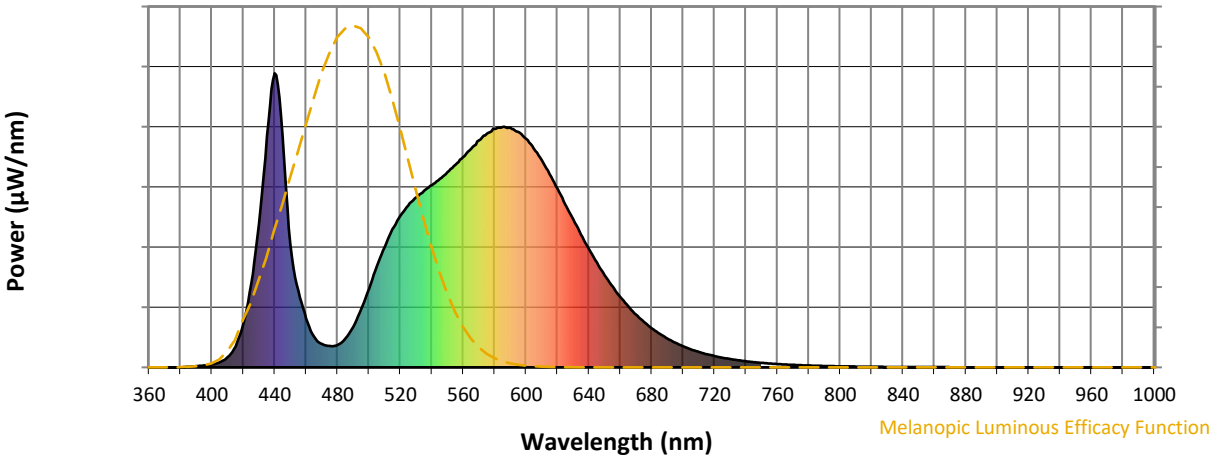


Scotopic Lumens: NR **S/P: 1.47**

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			

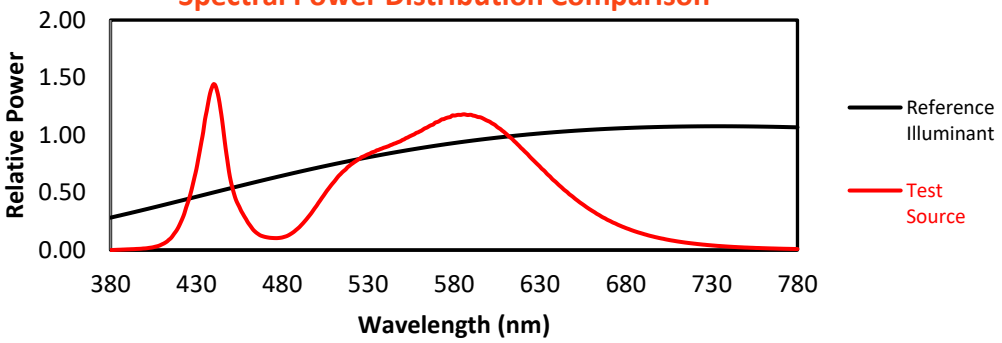
REPORT NUMBER: SP1-2407-184-1

TM-30-18

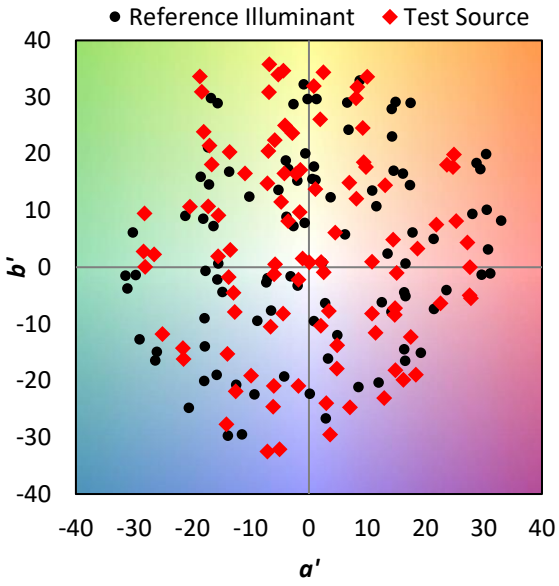
Summary

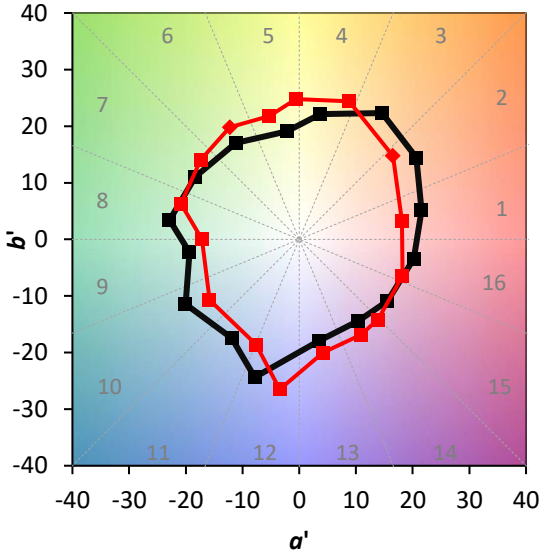
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

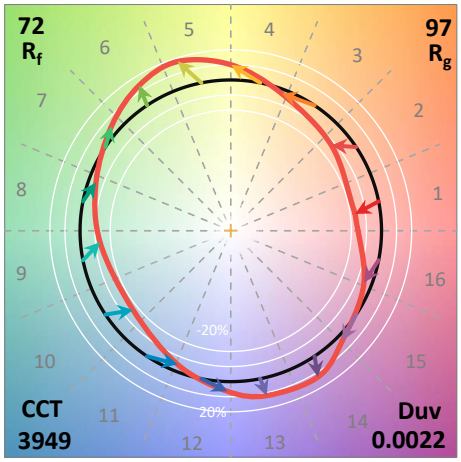
Spectral Power Distribution Comparison

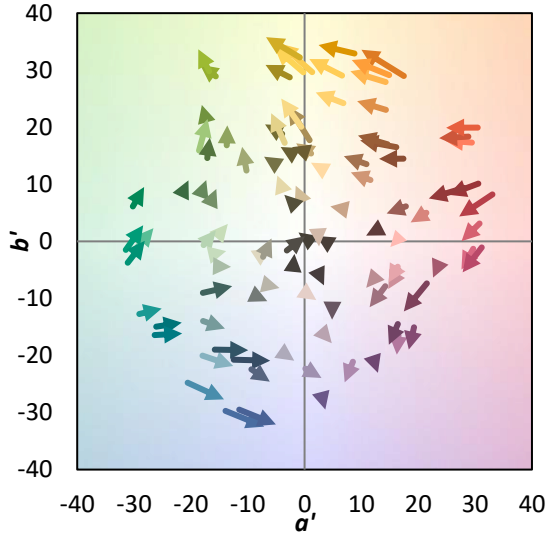


Color Vector Graphics







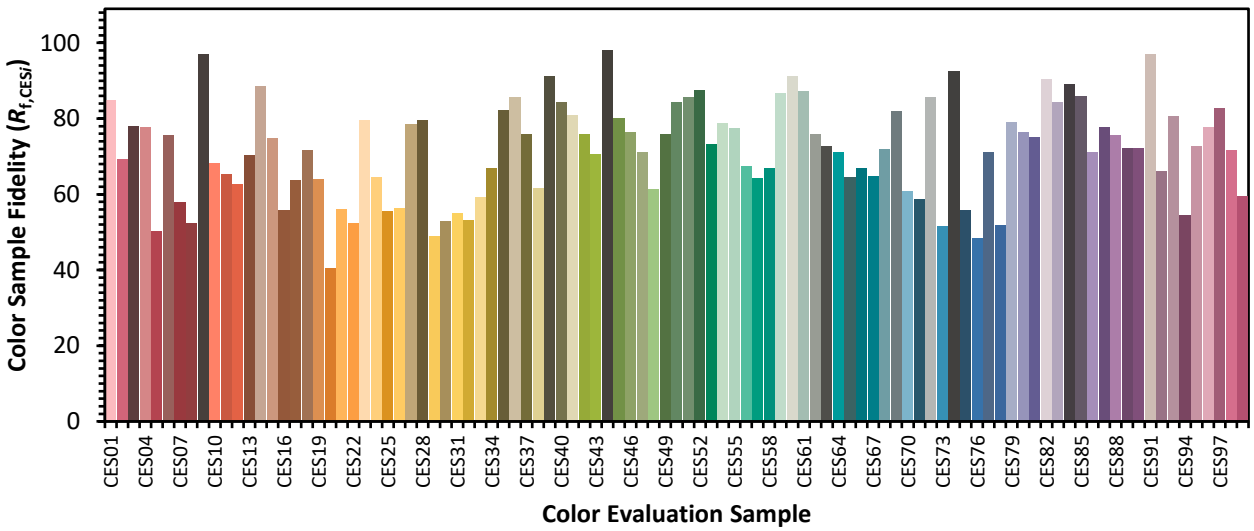


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

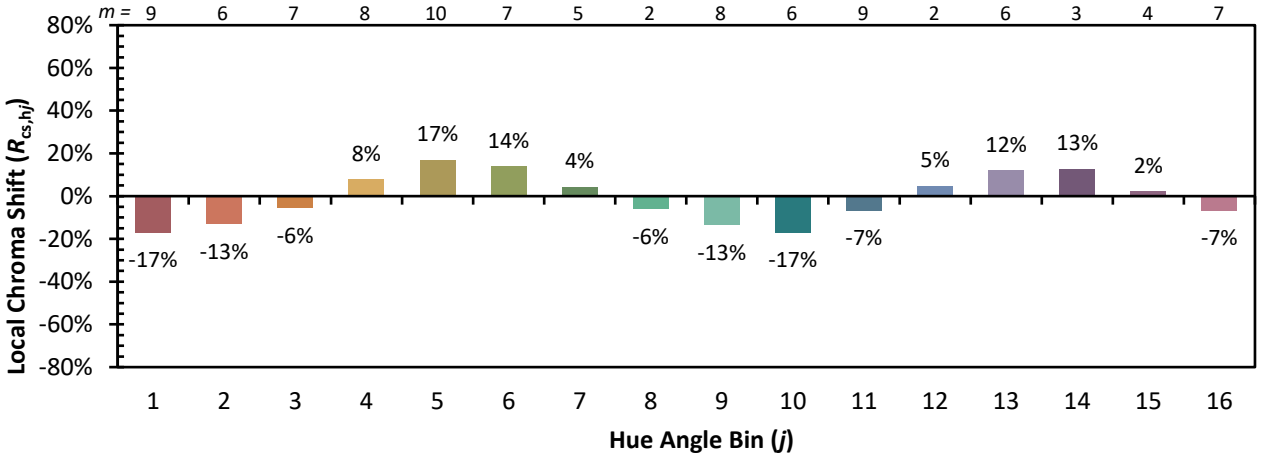
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

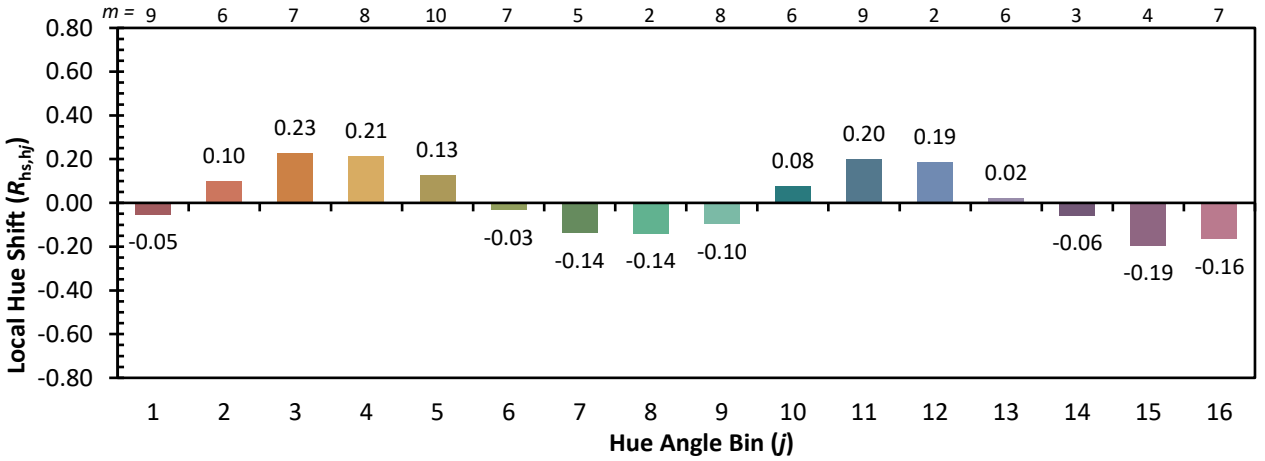


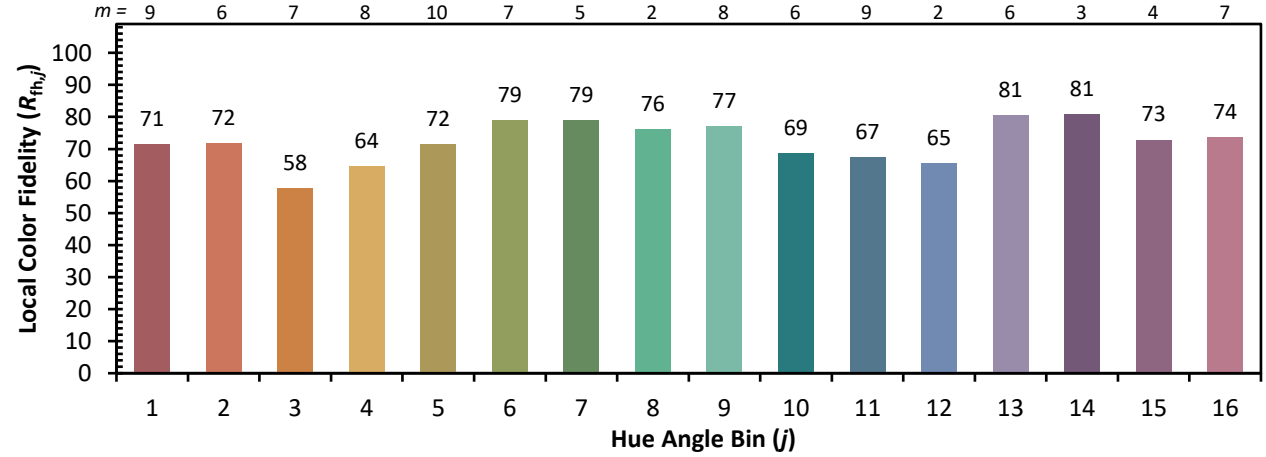
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



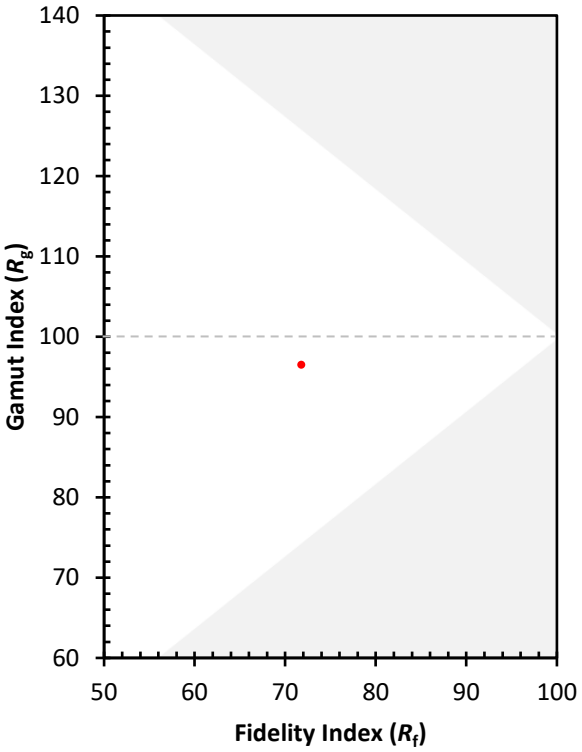


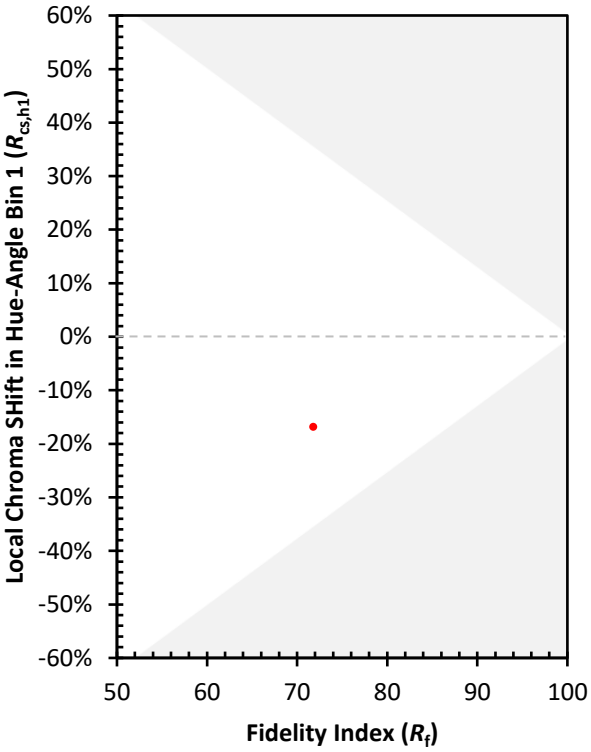


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)