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: P1366445

Luminaire Tested: **GSS-SB6C-740-U-T3R**

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:	P1366445
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6C-740-U-T3R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 70CRI 4000K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC
Light Source:	(156) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	45688.2 lumens
Efficiency:	N/A
Efficacy:	152.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B4 - U0 - G5

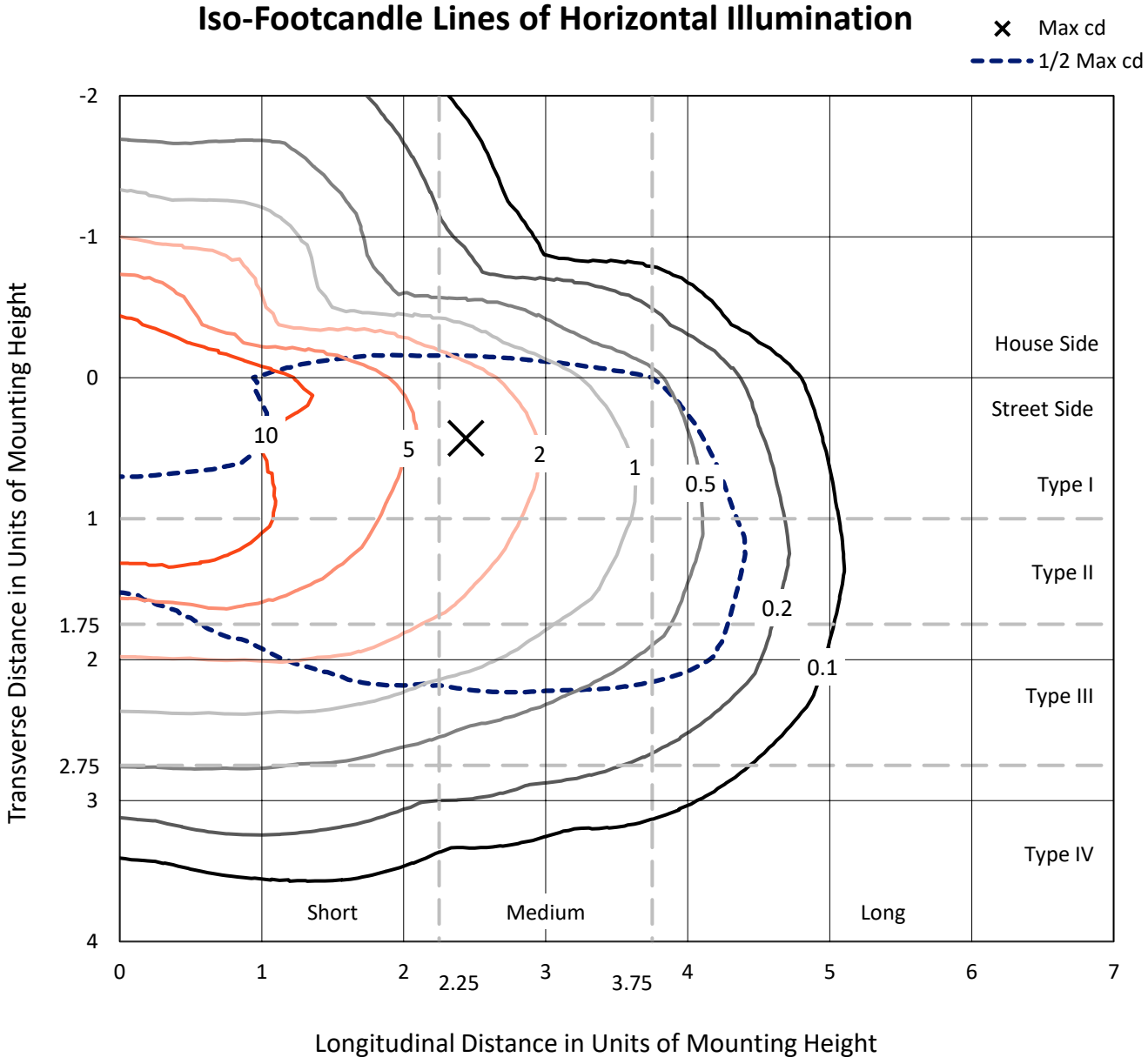
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366445
CATALOG NUMBER: GSS-SB6C-740-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



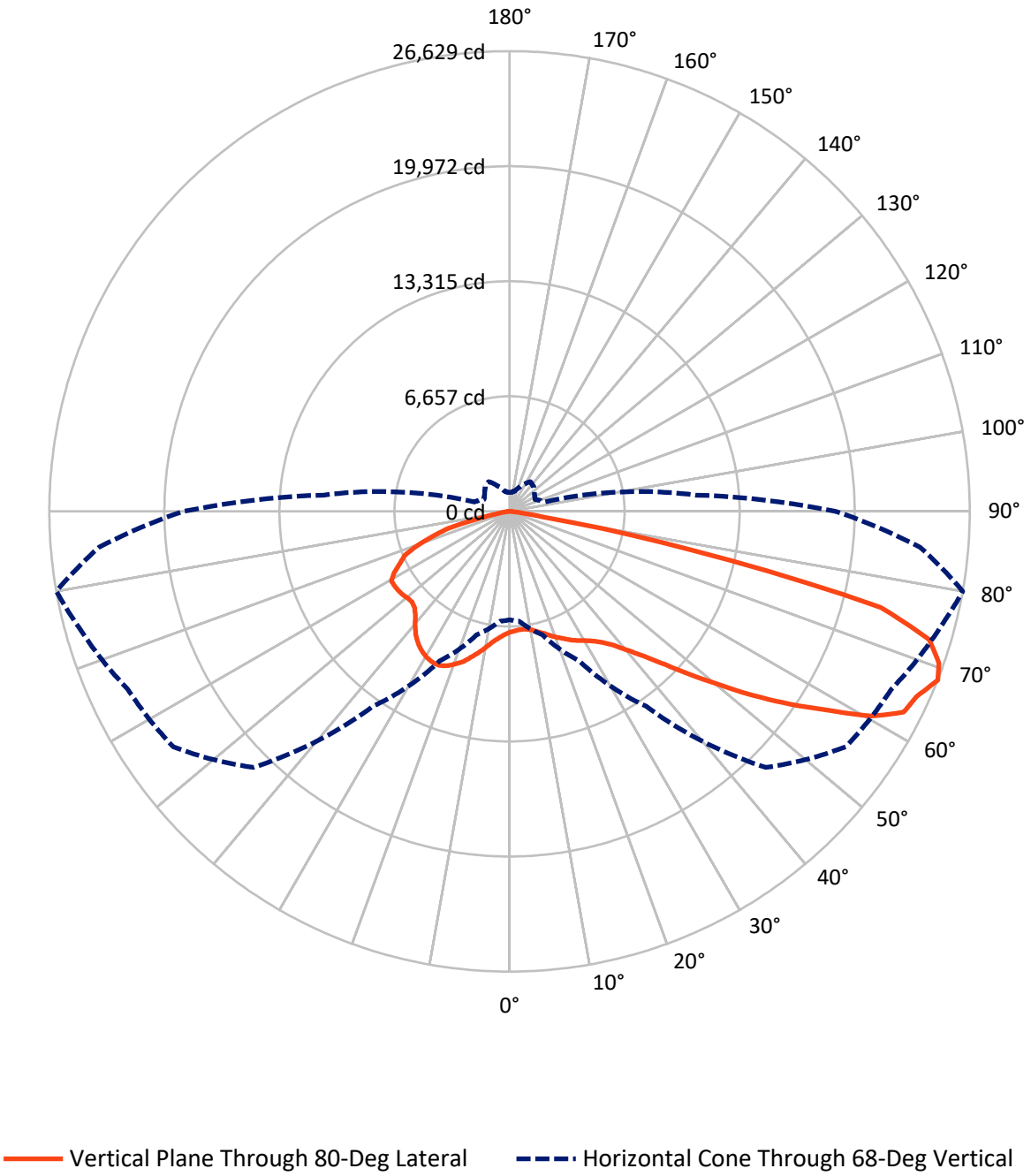
Based on 20 foot mounting height. Maximum calculated value = 19.8 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366445
CATALOG NUMBER: GSS-SB6C-740-U-T3R

Luminous Intensity Polar Plot



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

Scaled Data Report

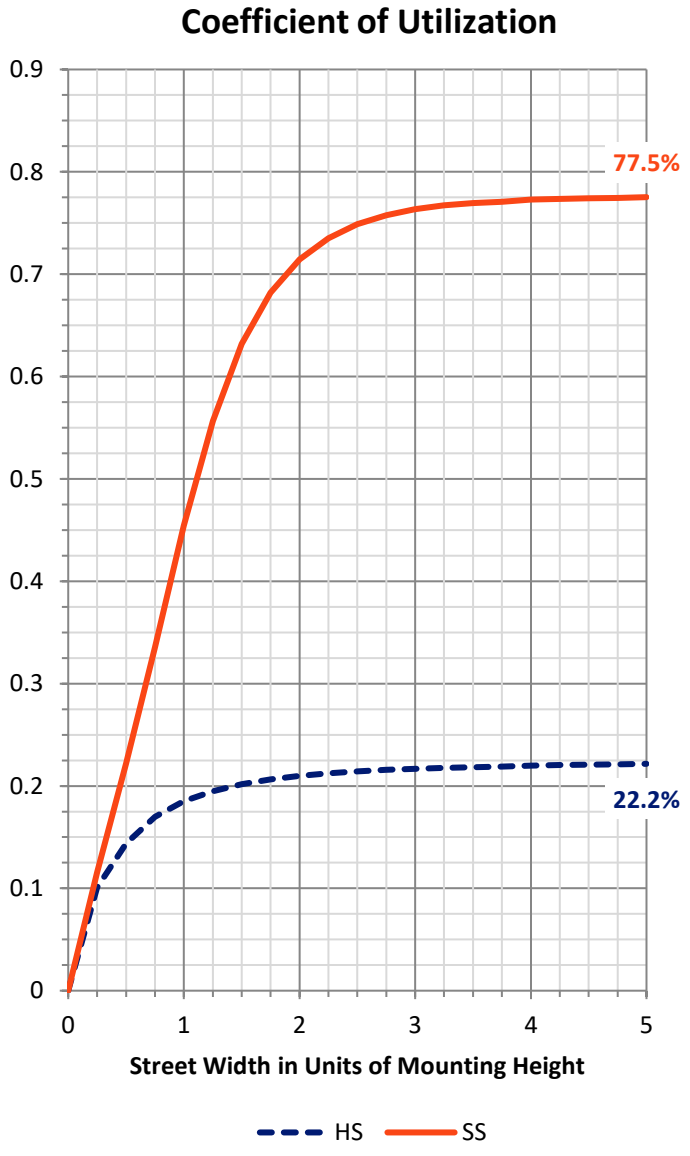
REPORT NUMBER: P1366445
CATALOG NUMBER: GSS-SB6C-740-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10209.5	0.0	10209.5
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	35478.7	0.0	35478.7
	% Fixture	77.7	0.0	77.7
Total	Lumens	45688.2	0.0	45688.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	675.6	1.5
10°-20°	1928.9	4.2
20°-30°	3180.4	7.0
30°-40°	4882.8	10.7
40°-50°	7539.2	16.5
50°-60°	10413.5	22.8
60°-70°	10672.8	23.4
70°-80°	6044.6	13.2
80°-90°	350.4	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	45688.2	100.0
0°-180°	45688.2	100.0



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

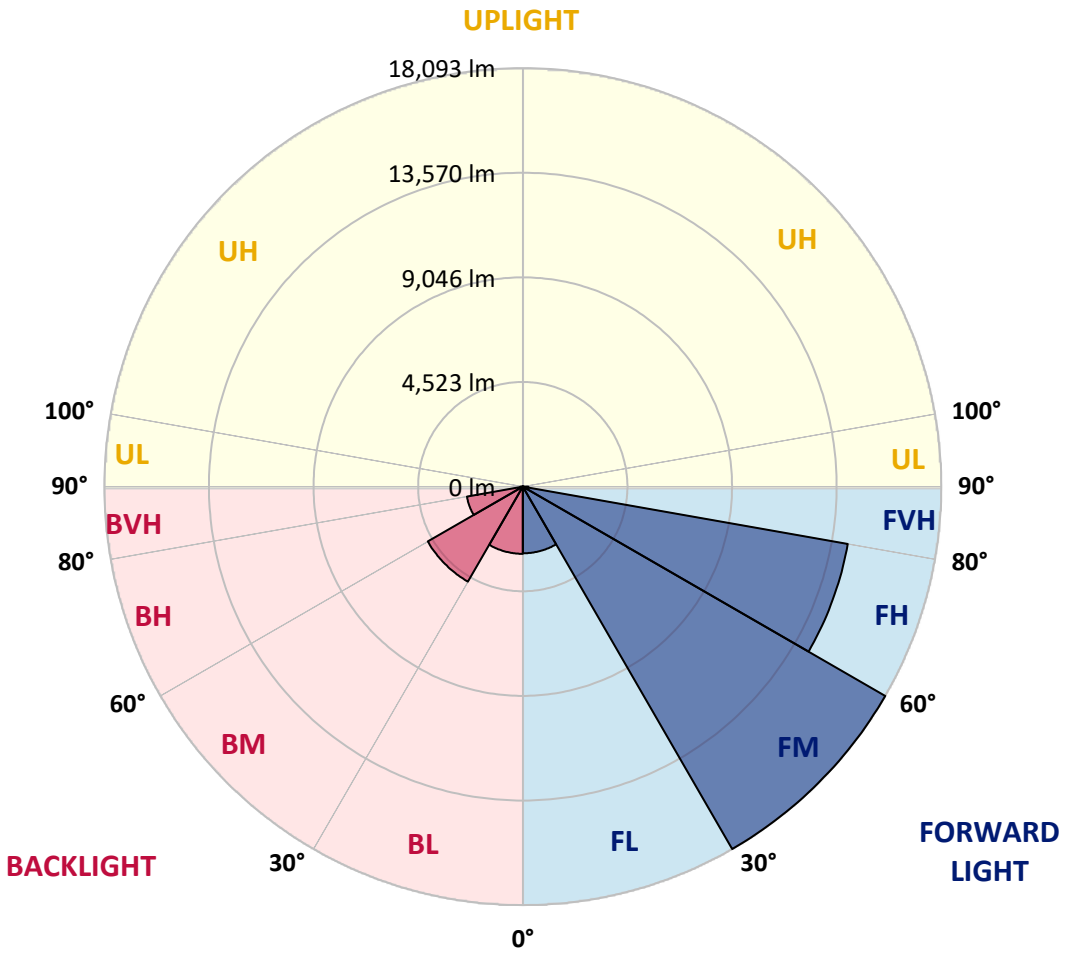
Scaled Data Report

REPORT NUMBER: P1366445
CATALOG NUMBER: GSS-SB6C-740-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2880.4	6.3			
FM	(30°-60°)	18092.9	39.6			
FH	(60°-80°)	14263.8	31.2			G5
FVH	(80°-90°)	241.6	0.5			G3/500
BL	(0°-30°)	2904.4	6.4	B4/5000		
BM	(30°-60°)	4742.7	10.4	B3/5000		
BH	(60°-80°)	2453.6	5.4	B3/2500		G3/2500
BVH	(80°-90°)	108.8	0.2			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1366445
CATALOG NUMBER: GSS-SB6C-740-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	6979.7	6979.7	6979.7	6979.7	6979.7	6979.7	6979.7	6979.7	6979.7	*6979.7*	6979.7
2.5°	6489.5	6468.2	6457.5	6478.8	6510.8	6574.7	6649.3	6702.6	6830.5	*6905.1*	6969.0
5°	6148.5	6137.9	6137.9	6191.1	6244.4	6319.0	6425.6	6521.5	6713.3	*6862.5*	6969.0
7.5°	5743.6	5732.9	5732.9	5850.1	5956.7	6127.2	6297.7	6457.5	6692.0	*6883.8*	7054.3
10°	5317.3	5317.3	5338.7	5487.8	5669.0	5914.1	6201.8	6446.9	6745.2	*6969.0*	7203.5
12.5°	5136.2	5125.5	5136.2	5274.7	5455.9	5786.2	6116.5	6489.5	6851.8	*7139.5*	7416.6
15°	5178.8	5157.5	5136.2	5253.4	5391.9	5722.3	6116.5	6574.7	7033.0	*7310.0*	7693.6
17.5°	5402.6	5391.9	5328.0	5360.0	5455.9	5754.2	6169.8	6702.6	7214.1	*7544.4*	7960.0
20°	5839.5	5807.5	5711.6	5658.3	5669.0	5860.8	6265.7	6873.1	7384.6	*7778.9*	8247.7
22.5°	6564.1	6542.8	6382.9	6169.8	6031.3	6084.6	6436.2	7064.9	7619.0	*7992.0*	8578.1
25°	7523.1	7469.9	7224.8	6883.8	6564.1	6446.9	6649.3	7320.7	7842.8	*8247.7*	8887.1
27.5°	8546.1	8556.8	8333.0	7821.5	7267.4	6873.1	6926.4	7576.4	8098.6	*8460.9*	9153.5
30°	9739.6	9686.3	9441.2	8908.4	8098.6	7437.9	7214.1	7821.5	8333.0	*8674.0*	9473.2
32.5°	11316.7	11327.3	10890.4	10069.9	9057.6	8130.5	7587.1	8077.2	8599.4	*8951.0*	9867.5
35°	13224.1	13181.5	12659.3	11668.3	10293.7	8929.7	8066.6	8407.6	8919.1	*9313.3*	10325.7
37.5°	14929.0	14811.8	14502.8	13554.4	11849.5	10016.6	8716.6	8844.5	9419.9	*9835.5*	11007.6
40°	16452.9	16399.6	16346.3	15621.7	13629.0	11369.9	9569.1	9515.8	10037.9	*10581.4*	11849.5
42.5°	17710.3	17699.6	17720.9	17561.1	15802.8	13064.2	10762.6	10389.6	10911.7	*11465.9*	12840.5
45°	18626.7	18605.4	18829.1	19159.5	17923.4	15088.9	12169.1	11476.5	12020.0	*12648.7*	14097.9
47.5°	19607.0	19617.7	19926.7	20480.8	19990.6	17102.9	13767.5	12829.8	13320.0	*14119.2*	15600.4
50°	19990.6	19990.6	20725.9	21514.5	21653.0	19244.7	15675.0	14438.9	14939.7	*15792.2*	17113.5
52.5°	19159.5	19319.3	20608.7	22089.9	22739.9	21226.7	17689.0	16186.5	16612.7	*17710.3*	18616.0
55°	14513.5	15078.2	19713.6	21812.8	23144.8	22782.5	19692.3	18125.8	18594.7	*19681.6*	20161.1
57.5°	12531.4	12680.6	15461.8	20843.1	22633.3	23624.3	21546.4	20193.1	20619.3	*21684.9*	21770.2
60°	11018.3	11220.8	12925.7	19202.1	21621.0	23539.1	23091.5	22100.5	22697.3	*24050.6*	23400.6
62.5°	8929.7	9142.8	10581.4	15344.6	20289.0	22942.4	24295.7	23901.4	24466.2	*25595.7*	24071.9
65°	7864.1	7938.7	8972.3	11764.2	17838.1	22430.9	24913.7	24668.6	24913.7	*25862.1*	23730.9
67.5°	6553.4	6702.6	7704.3	9984.7	14406.9	21344.0	23997.3	24348.9	25563.7	*26501.5*	23986.6
68°	*6276.4*	*6382.9*	*7405.9*	*9547.8*	*13767.5*	*20949.7*	*23752.2*	*24370.3*	*25819.5*	*26629.3*	*23848.1*
70°	5125.5	5274.7	6180.5	8002.7	11540.4	16772.5	22793.2	24785.8	26000.6	*26362.9*	23091.5
72.5°	2536.1	2802.5	4262.4	5647.7	8333.0	12126.5	19980.0	24253.0	25627.7	*25403.9*	21493.1
75°	895.1	959.0	1992.7	3058.3	4038.6	7853.5	14129.8	22111.2	23496.5	*22185.8*	18019.3
77.5°	639.4	692.6	1129.5	1545.1	1662.3	3942.7	9057.6	14620.0	13895.4	*10762.6*	8205.1
80°	500.8	543.5	841.8	863.1	831.2	1385.3	3090.2	4432.9	3122.2	*1960.7*	1417.2
82.5°	309.0	373.0	628.7	522.1	383.6	436.9	724.6	1193.5	852.5	*543.5*	436.9
85°	117.2	149.2	287.7	202.5	127.9	170.5	245.1	319.7	245.1	*181.2*	159.8
87.5°	10.7	10.7	21.3	21.3	32.0	42.6	63.9	85.2	95.9	*95.9*	95.9
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: P1366445
CATALOG NUMBER: GSS-SB6C-740-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6979.7	6979.7	6979.7	6979.7	6979.7	6979.7	6979.7	6979.7	6979.7	6979.7	6979.7
2.5°	7011.6	7043.6	7182.1	7256.7	7395.3	7501.8	7565.8	7597.7	7629.7	7651.0	7640.3
5°	7086.2	7182.1	7448.5	7651.0	7810.8	7917.4	7970.7	8013.3	8024.0	8045.3	8034.6
7.5°	7224.8	7373.9	7778.9	8013.3	8151.8	8194.5	8151.8	8130.5	8098.6	8066.6	8066.6
10°	7448.5	7683.0	8162.5	8333.0	8343.6	8279.7	8141.2	7981.3	7864.1	7821.5	7800.2
12.5°	7736.3	8066.6	8556.8	8599.4	8460.9	8162.5	7768.2	7437.9	7224.8	7064.9	7054.3
15°	8087.9	8471.5	8897.8	8769.9	8375.6	7746.9	7096.9	6628.0	6382.9	6244.4	6180.5
17.5°	8450.2	8940.4	9206.8	8855.1	8024.0	7001.0	6223.1	5850.1	5626.4	5551.8	5498.5
20°	8855.1	9324.0	9419.9	8727.3	7384.6	6169.8	5466.5	5232.1	5232.1	5210.8	5189.5
22.5°	9270.7	9718.3	9537.1	8375.6	6542.8	5349.3	4923.1	5008.3	5157.5	5200.1	5200.1
25°	9654.3	10059.3	9537.1	7746.9	5541.1	4678.0	4709.9	4912.4	5104.2	5210.8	5210.8
27.5°	10027.3	10272.4	9345.3	6862.5	4635.4	4337.0	4528.8	4773.9	5082.9	5242.7	5253.4
30°	10400.3	10432.2	9004.3	5732.9	3985.3	4091.9	4315.7	4635.4	4976.3	5178.8	5200.1
32.5°	10794.5	10581.4	8524.8	4614.0	3687.0	3857.5	4123.9	4379.6	4646.0	4795.2	4805.9
35°	11242.1	10719.9	7906.7	3750.9	3495.2	3697.6	3900.1	3985.3	4059.9	4145.2	4198.5
37.5°	11732.2	10901.1	7096.9	3314.0	3314.0	3548.4	3665.7	3495.2	3473.9	3463.2	3431.2
40°	12275.7	11092.9	6084.6	3090.2	3175.5	3388.6	3292.7	3090.2	2941.1	2781.2	2791.9
42.5°	12957.7	11338.0	4933.7	2983.7	3079.6	3260.7	2994.3	2749.2	2344.3	2237.8	2259.1
45°	13735.6	11647.0	4017.3	2887.8	3005.0	3143.5	2791.9	2323.0	2067.3	2173.8	2248.4
47.5°	14556.1	12051.9	3356.6	2813.2	2973.0	3005.0	2664.0	2131.2	1960.7	2195.1	2291.0
50°	15525.8	12424.9	3047.6	2738.6	2962.4	2962.4	2440.2	2099.2	1875.5	2077.9	2173.8
52.5°	16506.1	12787.2	2887.8	2653.3	2930.4	2951.7	2386.9	2056.6	1758.2	1822.2	1864.8
55°	17465.2	12989.7	2802.5	2536.1	2898.4	2898.4	2408.3	1982.0	1641.0	1641.0	1662.3
57.5°	18434.9	13128.2	2727.9	2397.6	2791.9	2738.6	2408.3	1928.7	1598.4	1555.8	1577.1
60°	19511.1	13213.4	2653.3	2237.8	2642.7	2546.8	2397.6	1886.1	1545.1	1481.2	1491.8
62.5°	19681.6	12616.7	2514.8	2067.3	2440.2	2386.9	2355.0	1832.8	1459.9	1332.0	1332.0
65°	19074.2	11721.6	2344.3	1854.1	2173.8	2227.1	2269.7	1768.9	1374.6	1225.4	1236.1
67.5°	19010.3	11050.3	2163.2	1662.3	1822.2	2024.6	2163.2	1662.3	1246.8	1118.9	1108.2
68°	*18861.1*	*10805.2*	*2109.9*	*1619.7*	*1758.2*	*1982.0*	*2099.2*	*1619.7*	*1225.4*	*1097.6*	*1097.6*
70°	17902.1	9739.6	1790.2	1427.9	1555.8	1619.7	1843.5	1438.6	1097.6	991.0	1001.7
72.5°	16037.3	7938.7	1374.6	1161.5	1246.8	1246.8	1598.4	1332.0	1001.7	905.8	905.8
75°	13373.3	6276.4	1044.3	916.4	873.8	1012.3	1300.0	1204.1	884.4	809.9	777.9
77.5°	6073.9	2706.6	682.0	639.4	650.0	788.5	1033.6	1033.6	841.8	660.7	586.1
80°	1342.7	841.8	415.6	383.6	383.6	500.8	724.6	745.9	607.4	458.2	394.3
82.5°	447.6	341.0	255.7	234.4	223.8	266.4	447.6	490.2	362.3	266.4	266.4
85°	170.5	159.8	138.5	127.9	106.6	106.6	138.5	223.8	191.8	127.9	127.9
87.5°	85.2	85.2	74.6	53.3	42.6	32.0	21.3	21.3	21.3	32.0	21.3
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

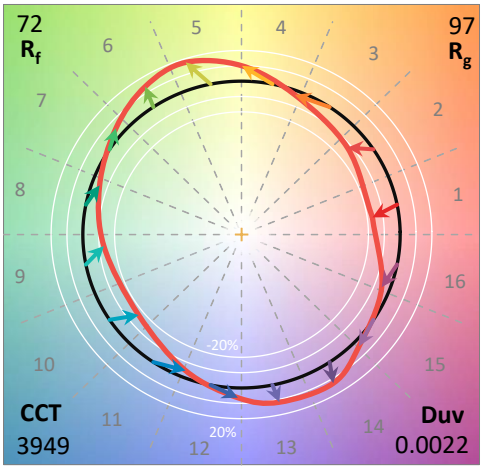
Test Information

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

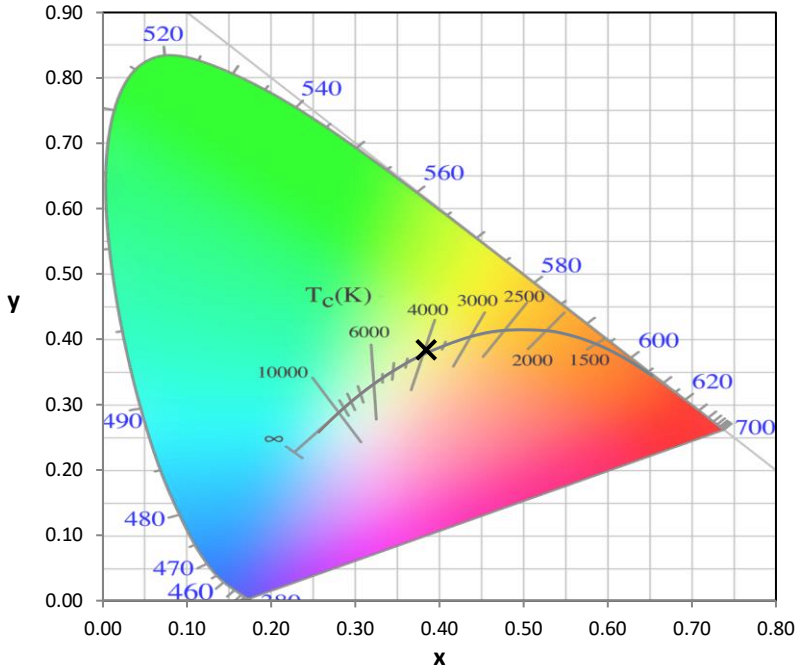
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

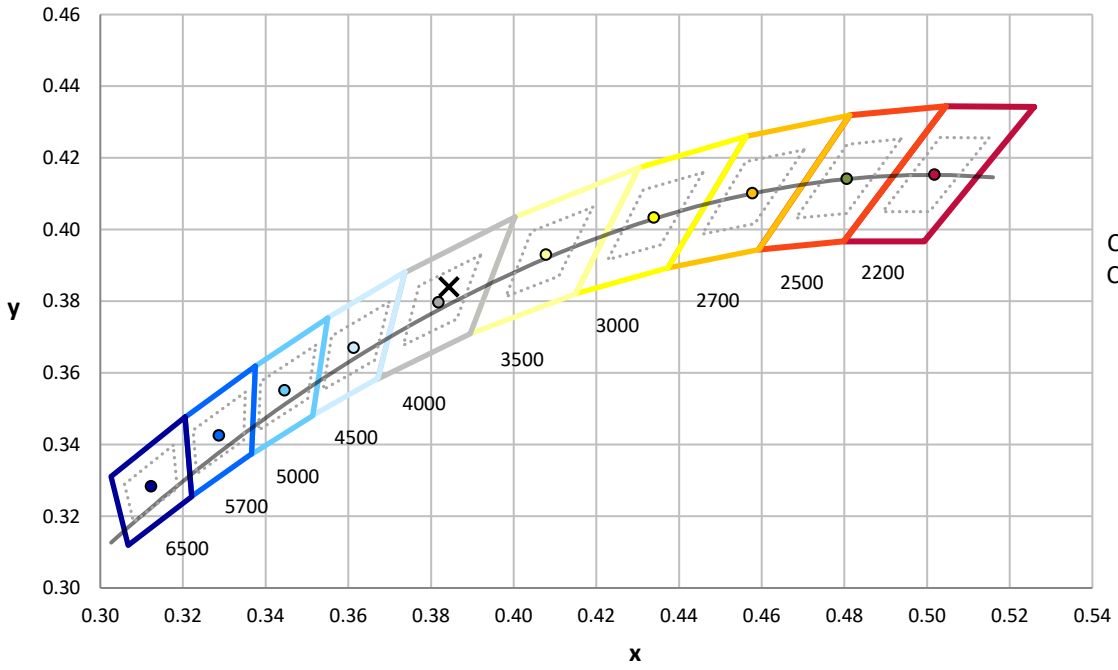
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

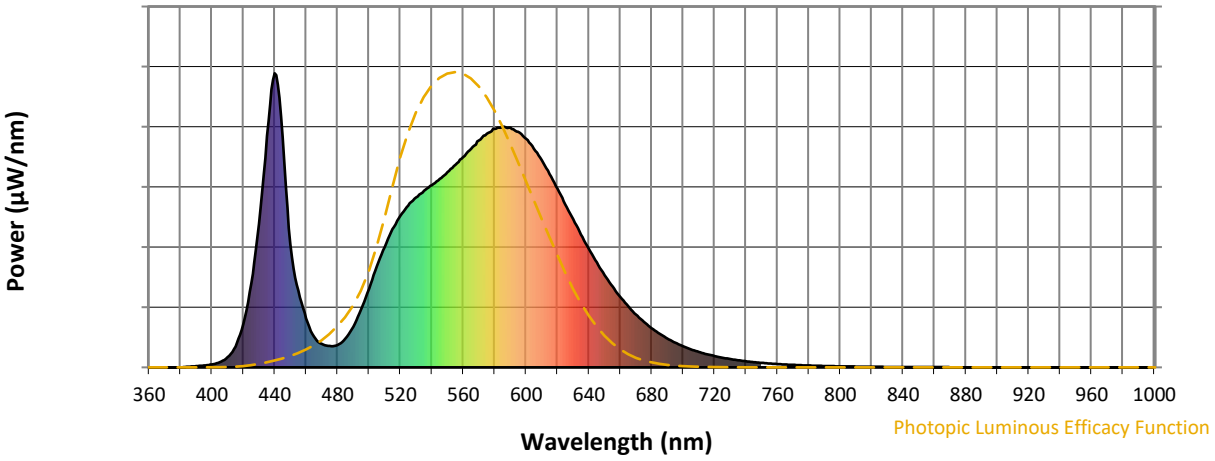


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

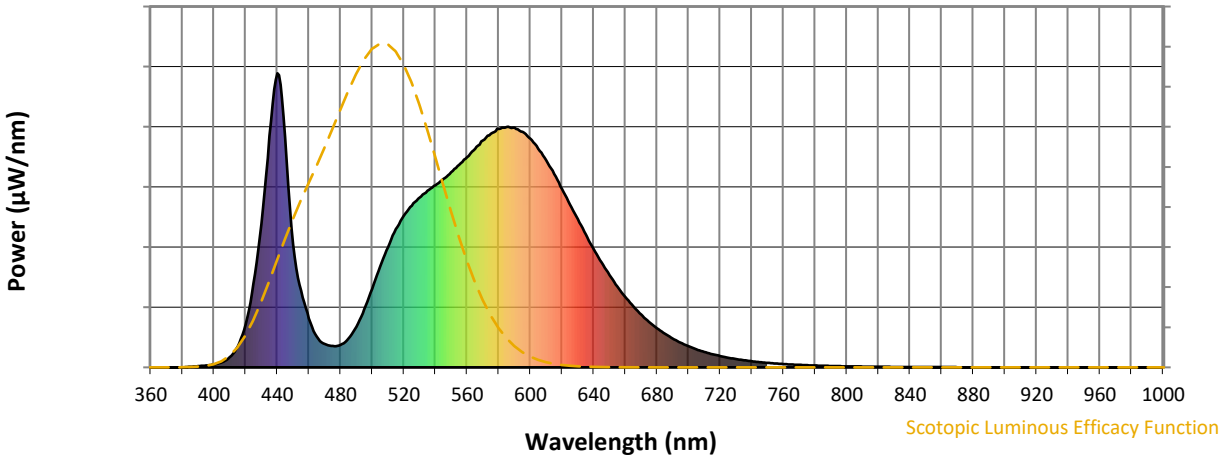


Photopic Lumens: NR

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

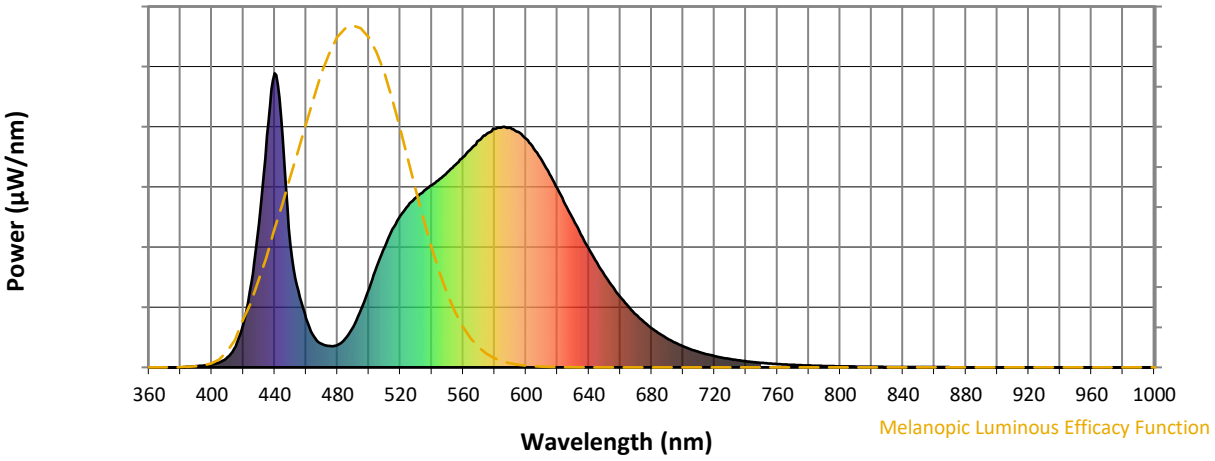


Scotopic Lumens: NR **S/P: 1.47**

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			

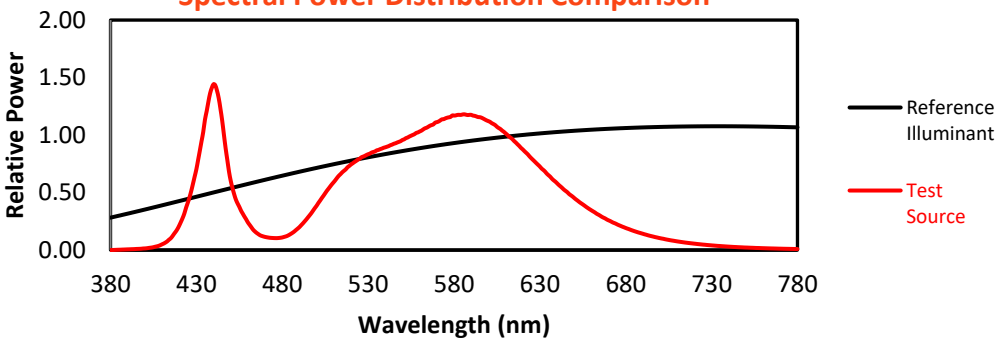
REPORT NUMBER: SP1-2407-184-1

TM-30-18

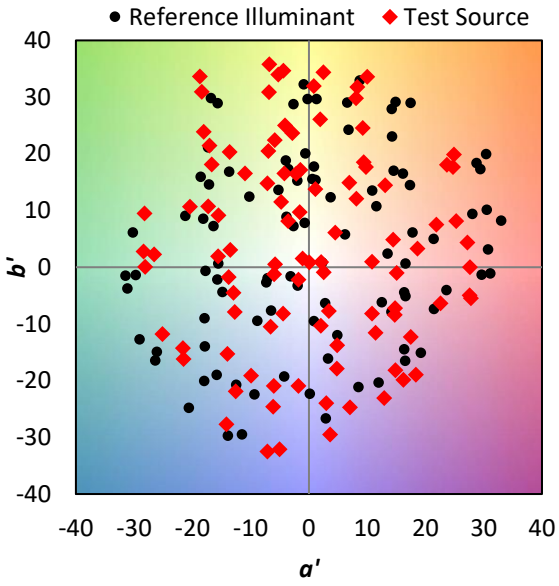
Summary

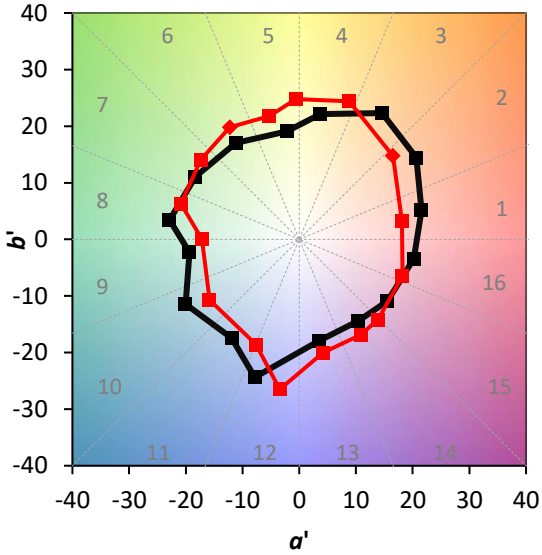
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

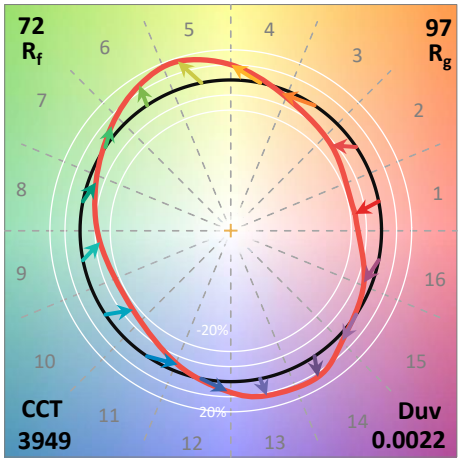
Spectral Power Distribution Comparison

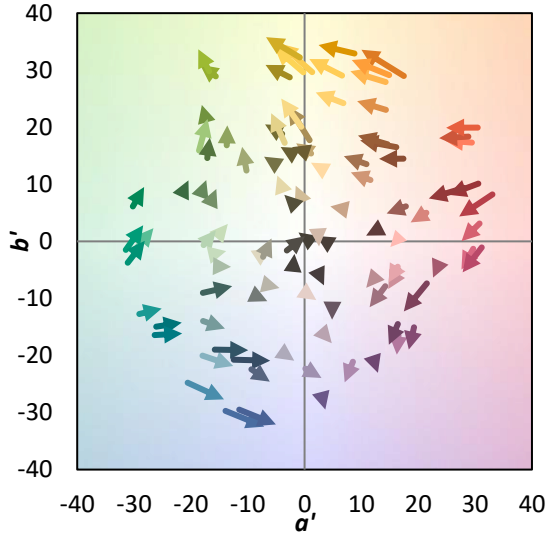


Color Vector Graphics







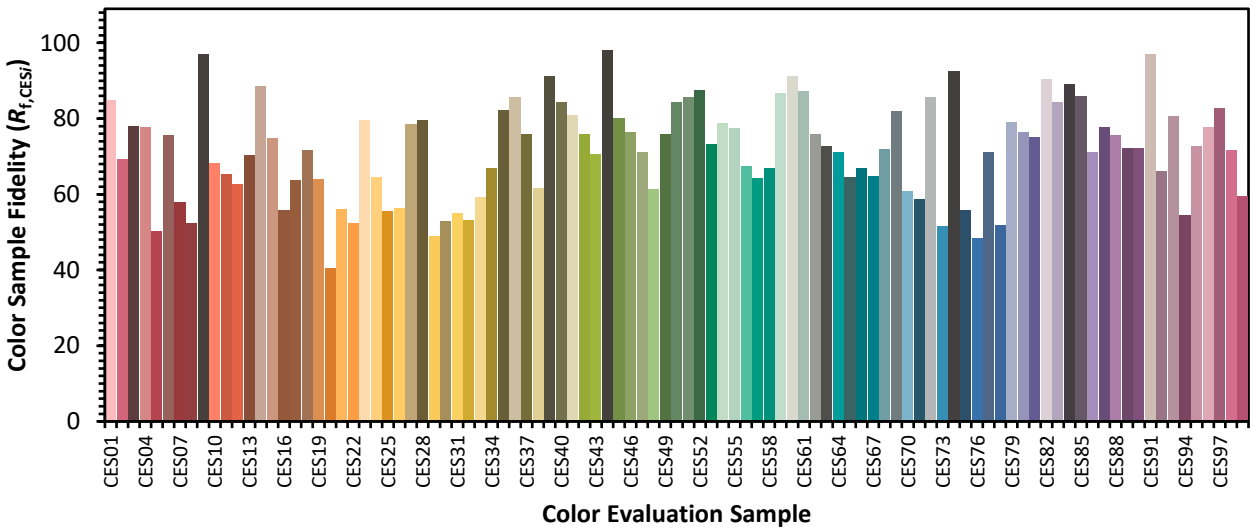


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

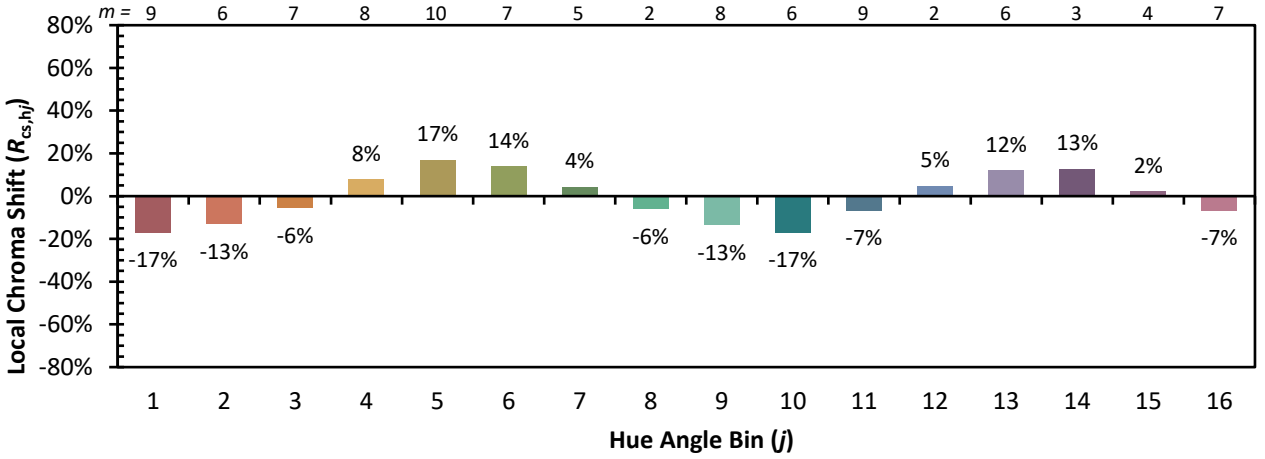
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

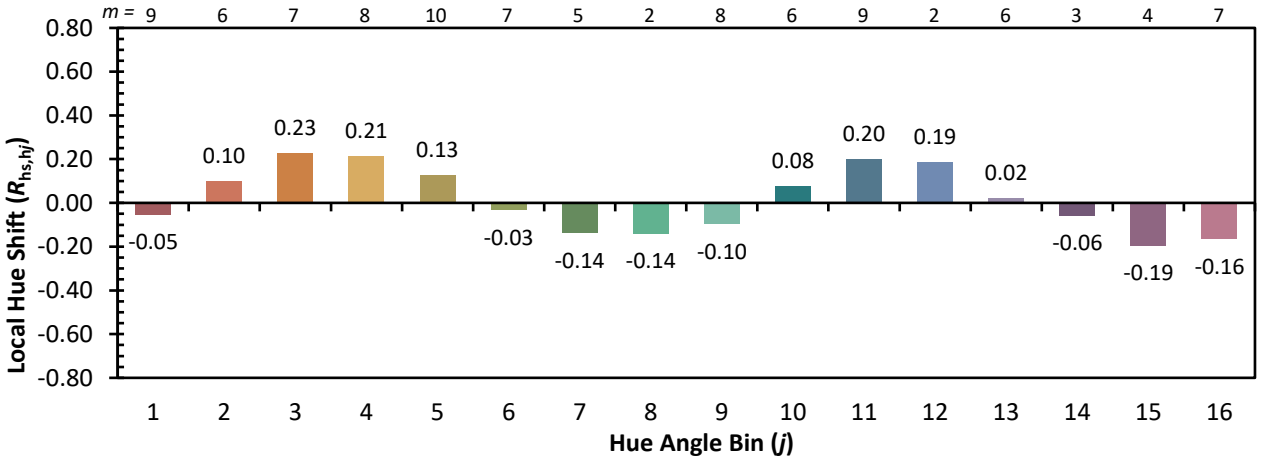


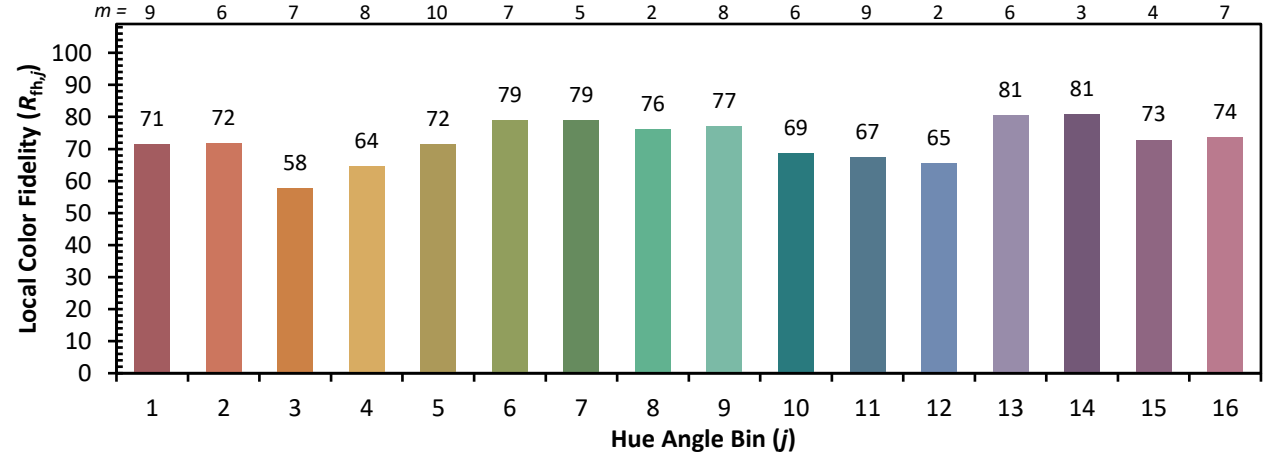
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



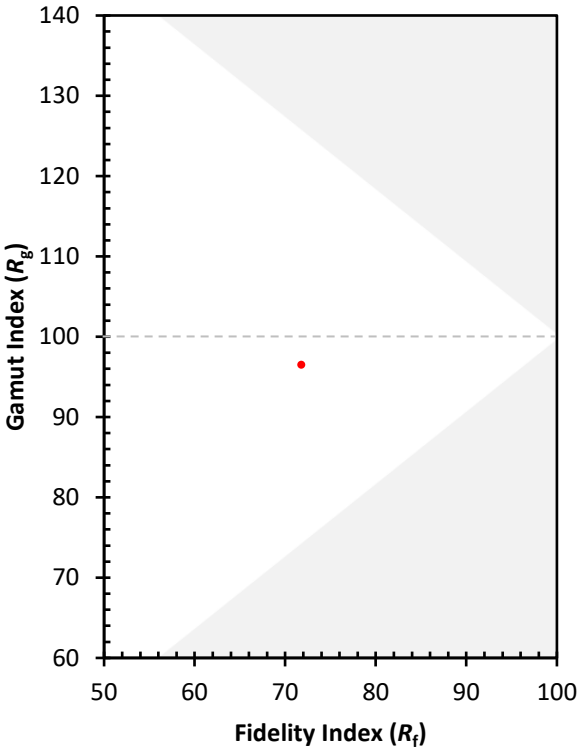


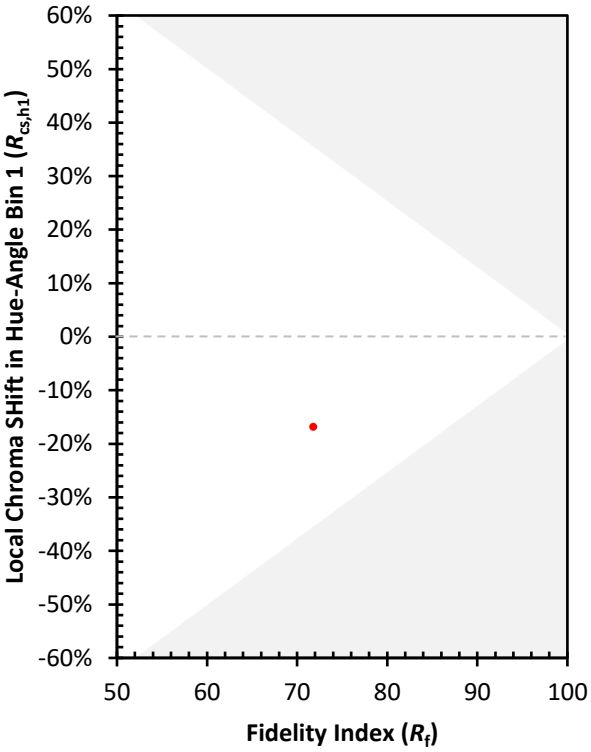


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)