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: P1362605

Luminaire Tested: **GSS-SB6C-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:	P1362605
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-SL2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 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:	45037.7 lumens
Efficiency:	N/A
Efficacy:	150.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B4 - U0 - G5

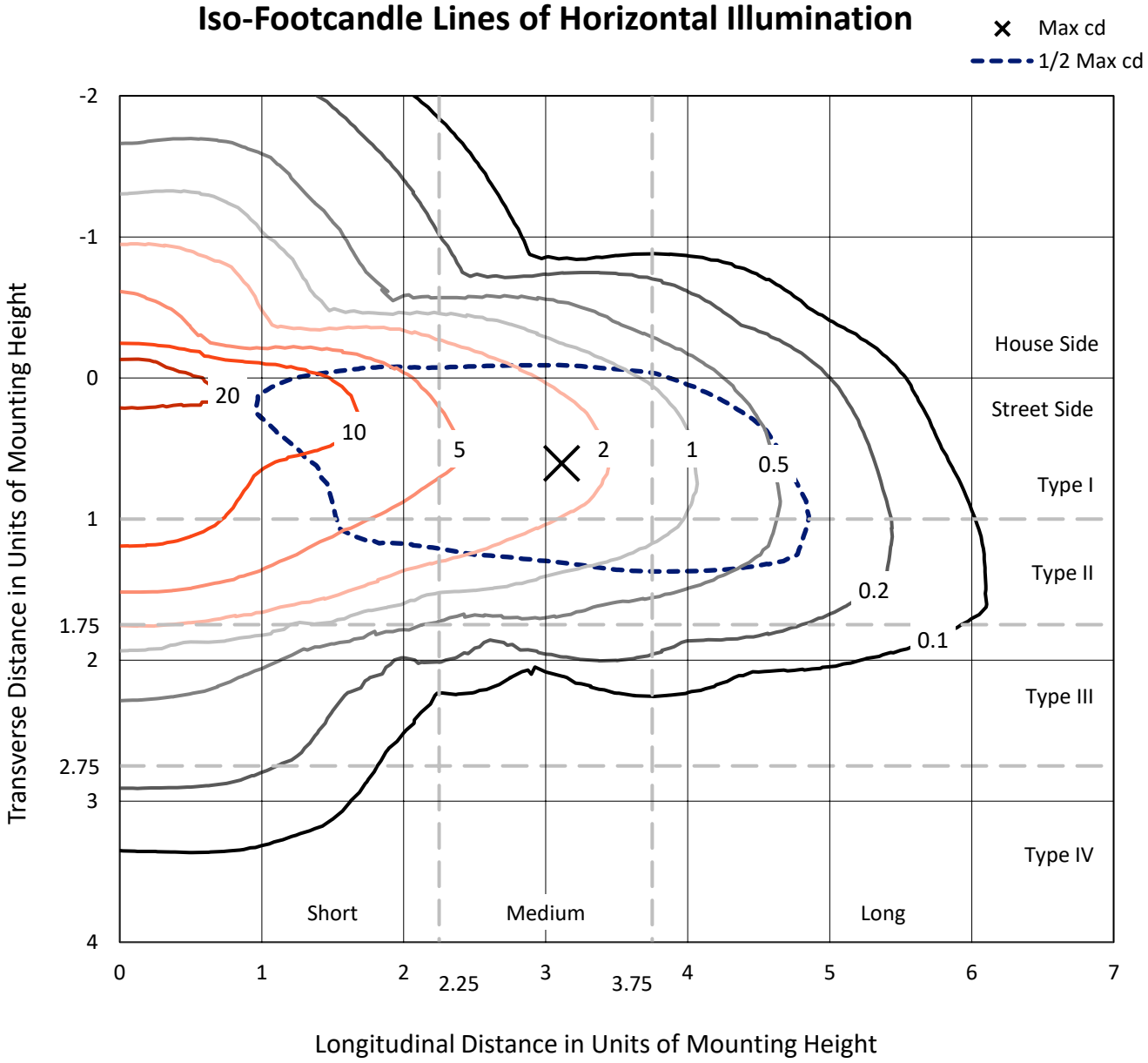
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1362605
CATALOG NUMBER: GSS-SB6C-740-U-SL2

Iso-Footcandle Lines of Horizontal Illumination



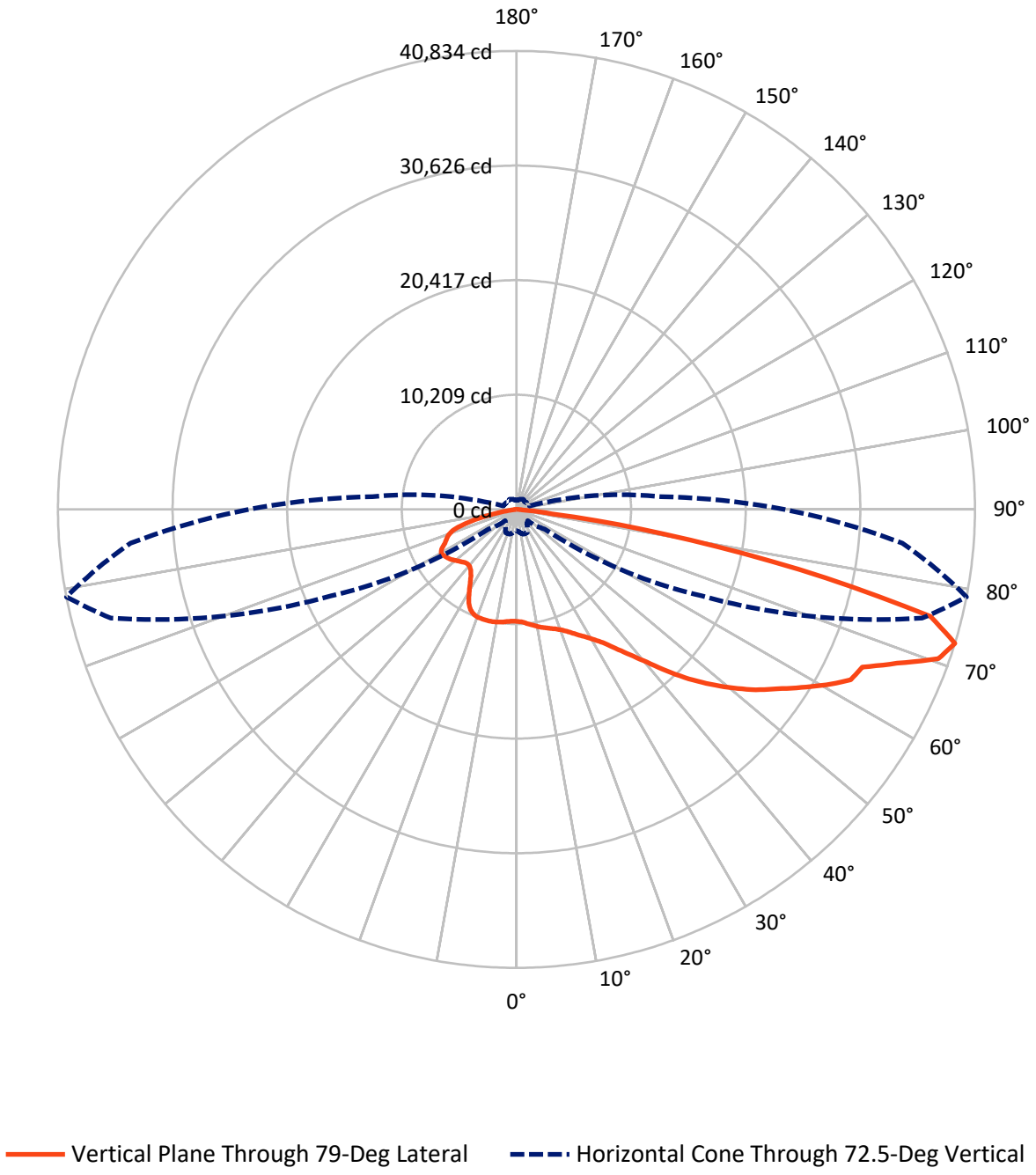
Based on 20 foot mounting height. Maximum calculated value = 25.1 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1362605
CATALOG NUMBER: GSS-SB6C-740-U-SL2

Luminous Intensity Polar Plot



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

Scaled Data Report

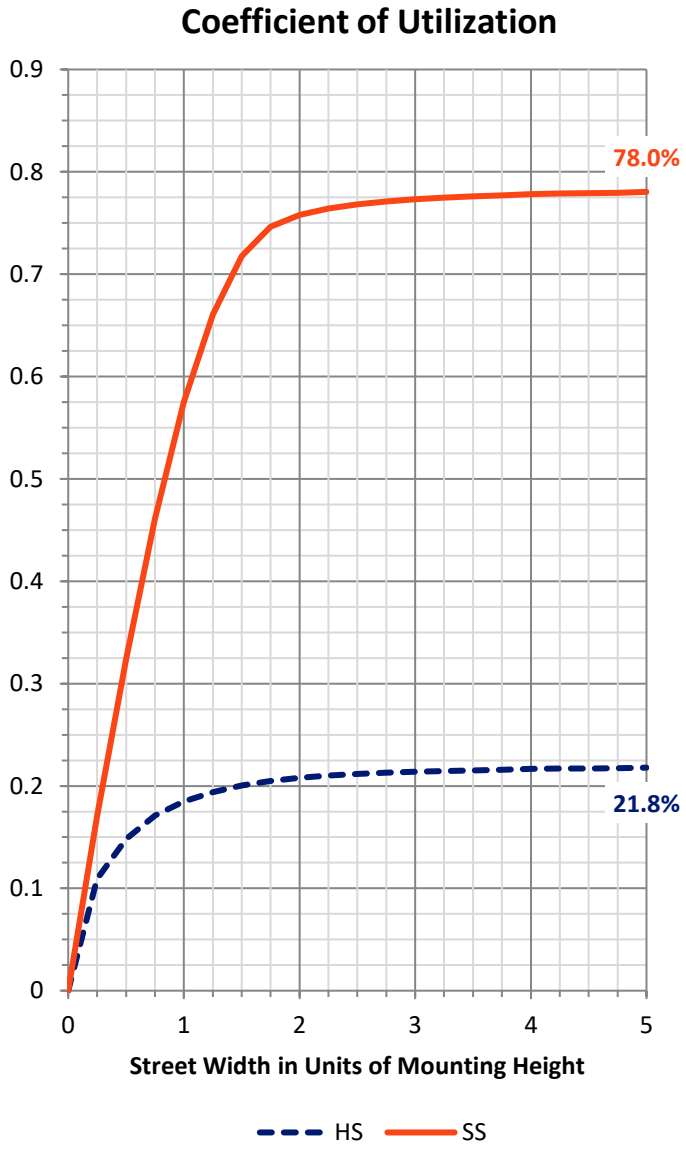
REPORT NUMBER: P1362605
CATALOG NUMBER: GSS-SB6C-740-U-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9893.3	0.0	9893.3
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	35144.4	0.0	35144.4
	% Fixture	78.0	0.0	78.0
Total	Lumens	45037.7	0.0	45037.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	925.9	2.1
10°-20°	2299.5	5.1
20°-30°	3620.5	8.0
30°-40°	5402.9	12.0
40°-50°	7682.1	17.1
50°-60°	9703.9	21.5
60°-70°	9083.0	20.2
70°-80°	5769.6	12.8
80°-90°	550.4	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°	45037.7	100.0
0°-180°	45037.7	100.0



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

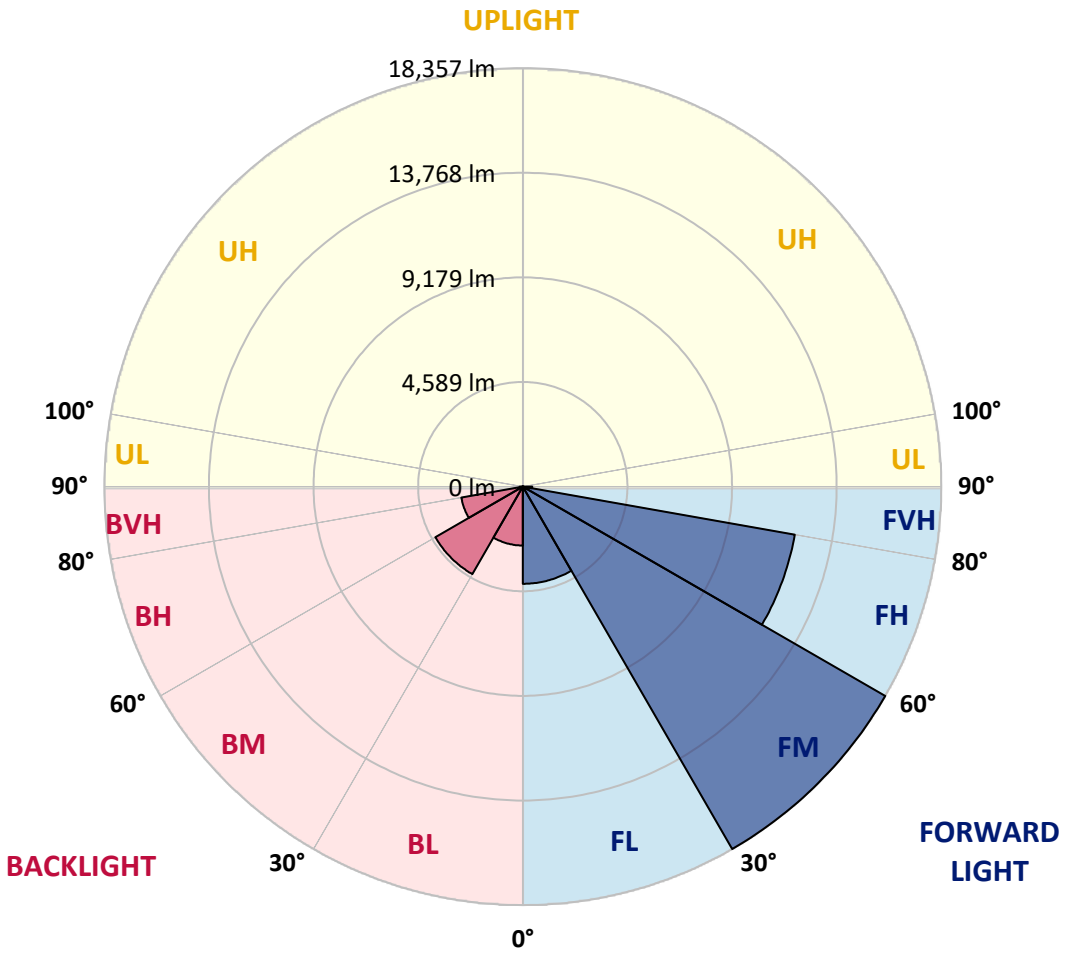
Scaled Data Report

REPORT NUMBER: P1362605
CATALOG NUMBER: GSS-SB6C-740-U-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4263.0	9.5			
FM	(30°-60°)	18357.4	40.8			
FH	(60°-80°)	12114.0	26.9			G5
FVH	(80°-90°)	410.0	0.9			G3/500
BL	(0°-30°)	2582.9	5.7	B4/5000		
BM	(30°-60°)	4431.4	9.8	B3/5000		
BH	(60°-80°)	2738.7	6.1	B4/5000		G4/5000
BVH	(80°-90°)	140.4	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type II Medium



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

Scaled Data Report

REPORT NUMBER: P1362605
CATALOG NUMBER: GSS-SB6C-740-U-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	9974.1	9974.1	9974.1	9974.1	9974.1	9974.1	9974.1	9974.1	9974.1	*9974.1*	9974.1
2.5°	10208.6	10219.2	10176.6	10176.6	10187.2	10144.6	10091.3	10080.7	10038.1	*10038.1*	10038.1
5°	10261.8	10261.8	10251.2	10304.5	10325.8	10357.7	10315.1	10283.1	10219.2	*10219.2*	10134.0
7.5°	9697.1	9675.8	9761.0	10006.1	10261.8	10400.4	10485.6	10485.6	10453.6	*10400.4*	10325.8
10°	8631.5	8663.4	8791.3	9121.6	9590.5	10219.2	10560.2	10698.7	10645.5	*10624.1*	10496.3
12.5°	8066.7	8056.0	8151.9	8397.0	8801.9	9569.2	10411.0	10847.9	10858.6	*10805.3*	10656.1
15°	8002.7	7970.8	8013.4	8098.6	8365.0	8983.1	9963.5	10901.2	11007.8	*10986.5*	10816.0
17.5°	8365.0	8354.4	8290.5	8269.1	8258.5	8599.5	9526.6	10858.6	11210.2	*11188.9*	10997.1
20°	8993.8	8940.5	8823.3	8716.7	8492.9	8524.9	9185.6	10805.3	11487.3	*11455.3*	11263.5
22.5°	9665.1	9686.4	9579.8	9324.1	8929.8	8748.7	9079.0	10730.7	11860.3	*11838.9*	11583.2
25°	10485.6	10464.3	10336.4	10048.7	9526.6	9132.3	9196.2	10709.4	12286.5	*12307.8*	11998.8
27.5°	11327.4	11306.1	11146.3	10784.0	10176.6	9601.2	9462.6	10794.6	12830.0	*12819.3*	12435.7
30°	12265.2	12275.8	12073.4	11583.2	10847.9	10187.2	9888.9	11018.4	13373.4	*13405.4*	12936.5
32.5°	13107.0	13160.3	13043.1	12584.9	11668.4	10794.6	10411.0	11380.7	14098.0	*14151.3*	13575.9
35°	13639.8	13671.8	13661.1	13448.0	12542.2	11487.3	10933.2	11838.9	14971.8	*15174.3*	14428.4
37.5°	14151.3	14225.9	14236.6	14076.7	13394.7	12307.8	11551.2	12478.3	16090.7	*16421.1*	15547.3
40°	14705.4	14684.1	14833.3	14641.5	14162.0	13181.6	12190.6	13202.9	17326.8	*17870.3*	16858.0
42.5°	15035.8	15089.1	15280.9	15238.2	14758.7	13991.5	12915.2	14012.8	18872.0	*19671.2*	18445.7
45°	15248.9	15302.2	15579.2	15621.9	15366.1	14545.6	13597.2	14790.7	20289.2	*21536.0*	20150.7
47.5°	15323.5	15355.5	15717.8	15888.3	15781.7	14897.2	14130.0	15675.1	21685.2	*23294.3*	21855.7
50°	15025.1	15142.3	15611.2	15994.8	16069.4	15078.4	14588.2	16612.9	23187.7	*24999.2*	23571.3
52.5°	14566.9	14630.8	15195.6	16016.1	16250.6	15376.8	15153.0	17603.9	24605.0	*26704.2*	25041.9
55°	13671.8	13799.7	14503.0	15664.5	16357.1	15771.0	15888.3	18722.8	26075.5	*28196.1*	26640.3
57.5°	11135.6	11359.4	12520.9	14162.0	16069.4	16548.9	16985.8	20108.1	27684.6	*29922.4*	28068.2
60°	6979.8	7278.1	8492.9	11146.3	14439.0	17007.2	18733.4	21909.0	29602.7	*31733.9*	29656.0
62.5°	3782.9	3772.3	4134.6	5701.0	10411.0	15813.7	20236.0	25031.2	32074.9	*33417.6*	30583.0
65°	3282.1	3282.1	3324.7	3314.1	4496.9	11668.4	18744.1	26896.0	33779.9	*33865.1*	29794.5
67.5°	2951.7	2951.7	3015.7	2855.8	2450.9	5221.5	13714.4	25787.8	36603.7	*36550.5*	30806.8
70°	2600.1	2610.7	2717.3	2621.4	1971.4	2120.6	7501.9	23486.1	38713.7	*39853.9*	32820.8
72.5°	*1907.4*	*1971.4*	*2280.4*	*2280.4*	*1619.7*	*1427.9*	*3047.6*	*18211.3*	*37392.3*	*40834.2*	*34493.8*
75°	1342.7	1353.3	1513.2	1630.4	1278.7	1076.3	1481.2	12190.6	34302.0	*38095.6*	33002.0
77.5°	1023.0	1033.6	1086.9	1300.0	873.8	788.6	1023.0	6660.1	24743.5	*25723.9*	21408.1
80°	682.0	671.3	745.9	916.4	618.1	532.8	660.7	2227.1	13884.9	*13245.5*	8940.5
82.5°	341.0	351.7	404.9	479.5	362.3	319.7	383.6	1150.9	5445.3	*3164.9*	1300.0
85°	95.9	117.2	138.5	191.8	149.2	138.5	181.2	404.9	692.6	*511.5*	351.7
87.5°	10.7	10.7	21.3	21.3	21.3	32.0	53.3	85.2	117.2	*117.2*	117.2
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: P1362605
CATALOG NUMBER: GSS-SB6C-740-U-SL2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9974.1	9974.1	9974.1	9974.1	9974.1	9974.1	9974.1	9974.1	9974.1	9974.1	9974.1
2.5°	10016.7	9984.8	9942.2	9878.2	9878.2	9803.6	9761.0	9675.8	9707.7	9665.1	9643.8
5°	10112.7	10070.0	9974.1	9867.6	9761.0	9601.2	9473.3	9292.1	9270.8	9228.2	9164.3
7.5°	10283.1	10176.6	10059.4	9814.3	9611.8	9249.5	8961.8	8599.5	8397.0	8269.1	8279.8
10°	10453.6	10315.1	10070.0	9750.3	9313.4	8716.7	7970.8	7256.8	6713.4	6404.3	6468.3
12.5°	10570.9	10421.7	10091.3	9579.8	8770.0	7576.5	6191.2	5178.9	4784.6	4582.1	4582.1
15°	10688.1	10496.3	10059.4	9217.5	7747.0	5711.7	4614.1	4230.5	4123.9	4060.0	4038.7
17.5°	10837.3	10613.5	9963.5	8546.2	6106.0	4464.9	4081.3	3964.1	3964.1	3953.4	3932.1
20°	11018.4	10752.0	9846.2	7480.6	4688.7	4006.7	3900.1	3878.8	3900.1	3889.5	3878.8
22.5°	11295.5	10922.5	9547.9	6010.0	4028.0	3793.6	3782.9	3676.4	3697.7	3719.0	3708.3
25°	11647.1	11135.6	8983.1	4592.8	3697.7	3655.0	3548.5	3452.6	3441.9	3452.6	3452.6
27.5°	11977.5	11295.5	8066.7	3782.9	3463.2	3452.6	3356.7	3271.4	3271.4	3282.1	3282.1
30°	12339.8	11391.4	6660.1	3367.3	3324.7	3271.4	3239.5	3207.5	3218.1	3250.1	3250.1
32.5°	12819.3	11487.3	5285.4	3132.9	3186.2	3111.6	3132.9	3122.2	3143.6	3196.8	3207.5
35°	13405.4	11529.9	4230.5	2994.4	2994.4	2930.4	2941.1	2898.5	2898.5	2930.4	2951.7
37.5°	14183.3	11551.2	3559.1	2919.8	2845.2	2813.2	2791.9	2738.6	2664.0	2610.7	2621.4
40°	15025.1	11604.5	3196.8	2866.5	2781.2	2770.6	2728.0	2653.4	2440.2	2269.8	2259.1
42.5°	16144.0	11753.7	3015.7	2781.2	2781.2	2781.2	2717.3	2387.0	2216.5	2099.3	2088.6
45°	17273.6	12148.0	2919.8	2706.7	2770.6	2781.2	2493.5	2291.1	2152.5	2024.7	1992.7
47.5°	18531.0	12712.7	2877.2	2664.0	2696.0	2717.3	2344.3	2248.4	2088.6	1939.4	1907.4
50°	19777.7	13309.5	2834.5	2589.4	2589.4	2450.9	2312.4	2205.8	2046.0	1886.1	1864.8
52.5°	21099.1	14002.1	2791.9	2461.6	2450.9	2301.7	2280.4	2195.2	2024.7	1822.2	1779.6
55°	22250.0	14630.8	2717.3	2312.4	2301.7	2152.5	2259.1	2152.5	1896.8	1662.4	1619.7
57.5°	23347.5	15142.3	2621.4	2152.5	2173.8	2035.3	2173.8	2067.3	1779.6	1545.1	1523.8
60°	24391.8	15675.1	2493.5	2014.0	2014.0	1928.8	2067.3	1928.8	1662.4	1427.9	1396.0
62.5°	24700.9	15504.6	2280.4	1864.8	1854.2	1790.2	1928.8	1768.9	1513.2	1300.0	1268.1
65°	23635.3	14630.8	2024.7	1715.6	1683.7	1630.4	1726.3	1577.1	1342.7	1172.2	1161.5
67.5°	23784.4	14289.8	1736.9	1523.8	1491.9	1449.2	1481.2	1364.0	1182.8	1055.0	1044.3
70°	23976.3	13916.9	1470.5	1342.7	1268.1	1193.5	1268.1	1172.2	1044.3	937.7	927.1
72.5°	*23827.1*	*12883.2*	*1214.8*	*1129.5*	*1076.3*	*991.0*	*1086.9*	*1012.3*	*905.8*	*820.5*	*799.2*
75°	21674.5	10357.7	991.0	927.1	863.1	809.9	873.8	852.5	767.2	756.6	682.0
77.5°	14577.6	6638.8	767.2	714.0	692.6	639.4	682.0	650.0	607.4	564.8	532.8
80°	6319.1	2973.1	554.1	500.8	479.5	447.6	490.2	479.5	458.2	426.2	415.6
82.5°	905.8	703.3	373.0	341.0	287.7	266.4	287.7	309.0	447.6	543.5	532.8
85°	255.7	213.1	181.2	159.8	127.9	106.6	117.2	191.8	255.7	159.8	138.5
87.5°	117.2	106.6	85.2	53.3	32.0	32.0	21.3	10.7	10.7	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

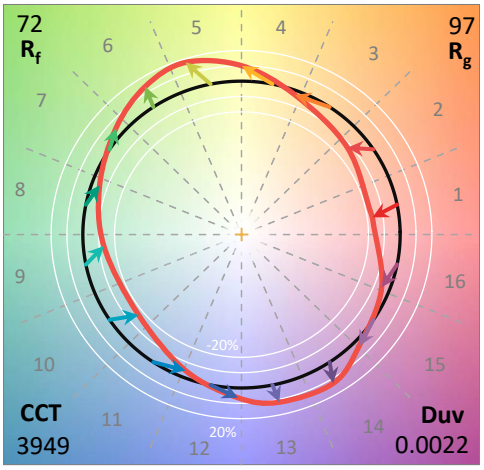
Test Information

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

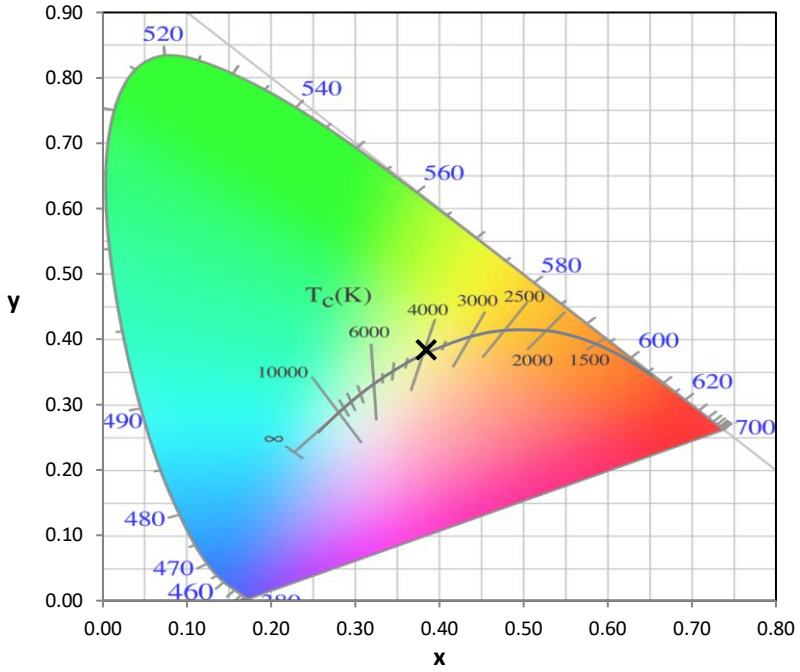
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

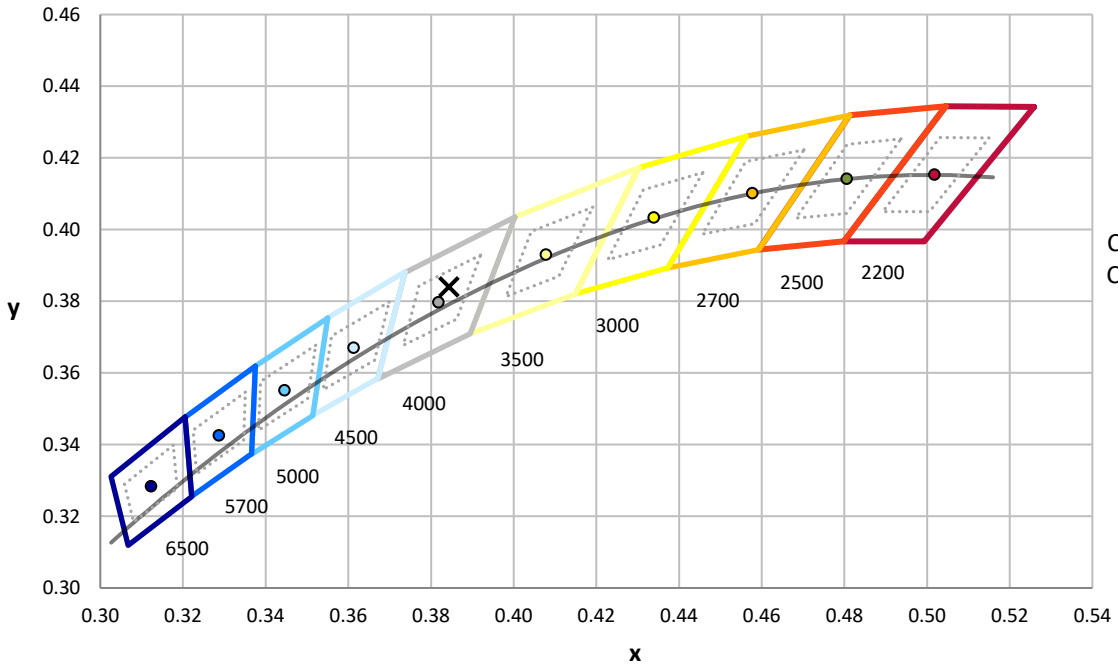
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

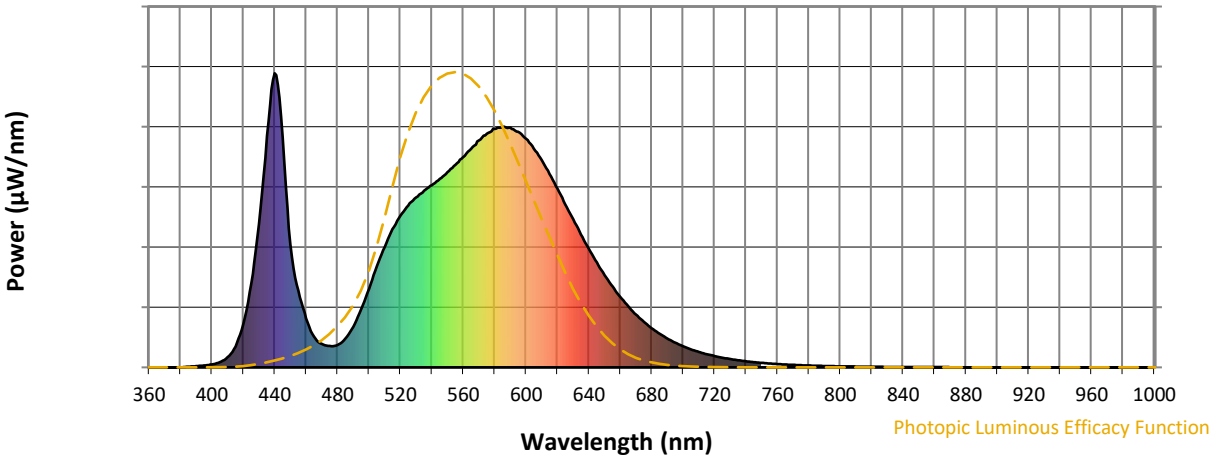


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

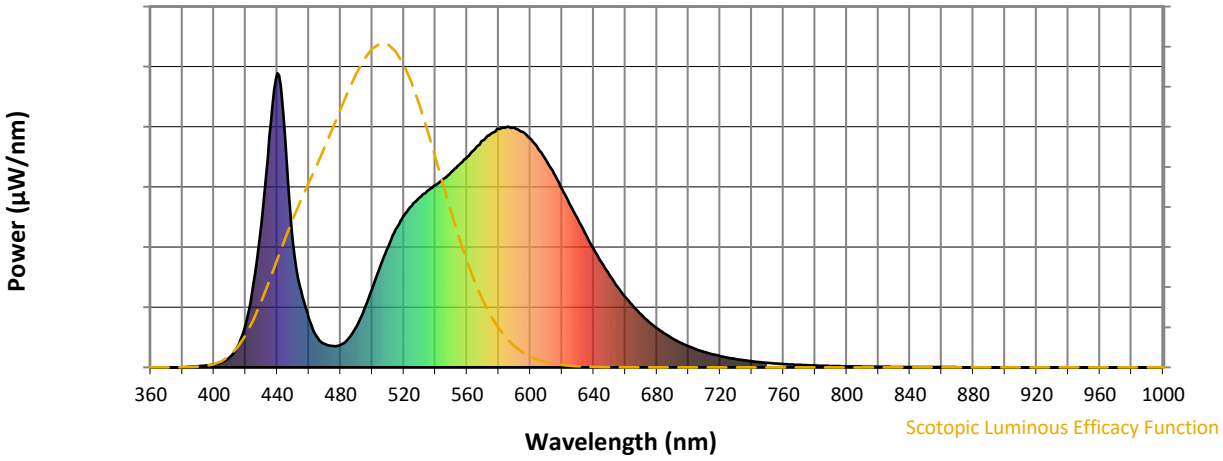


Photopic Lumens: NR

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

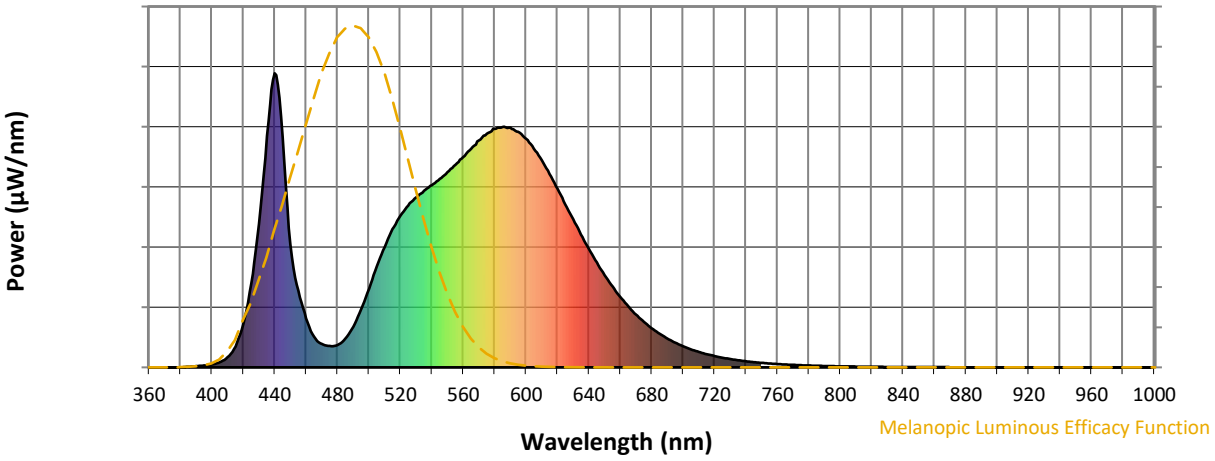


Scotopic Lumens: NR **S/P: 1.47**

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			

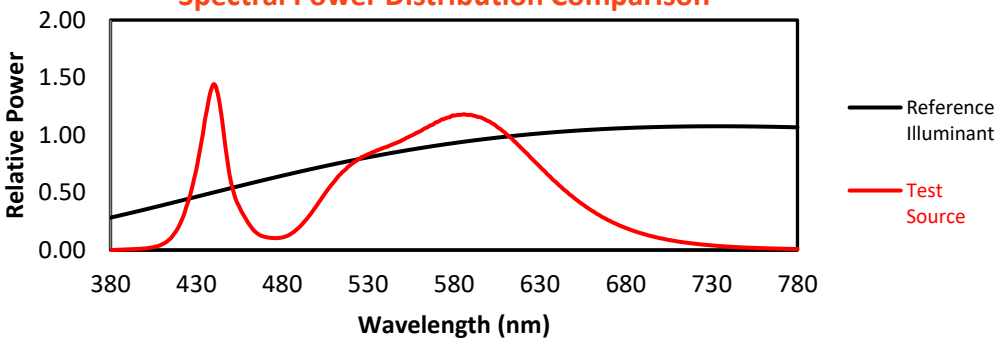
REPORT NUMBER: SP1-2407-184-1

TM-30-18

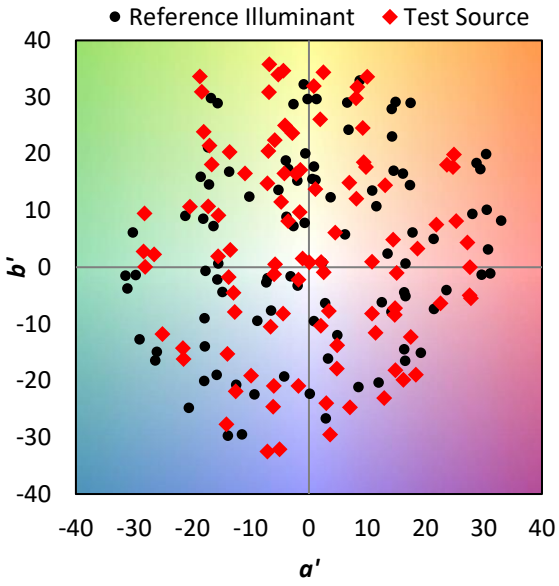
Summary

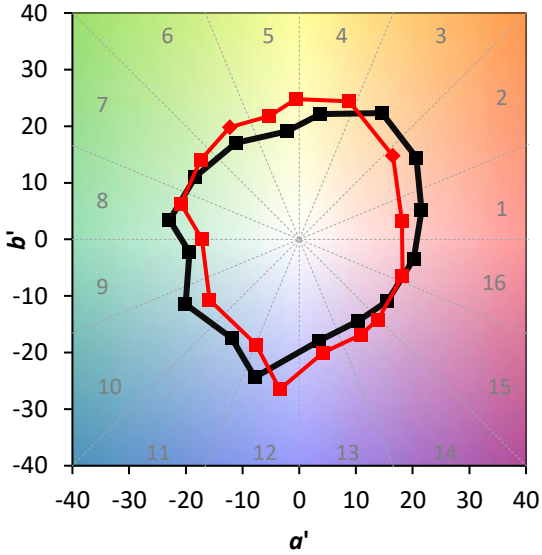
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

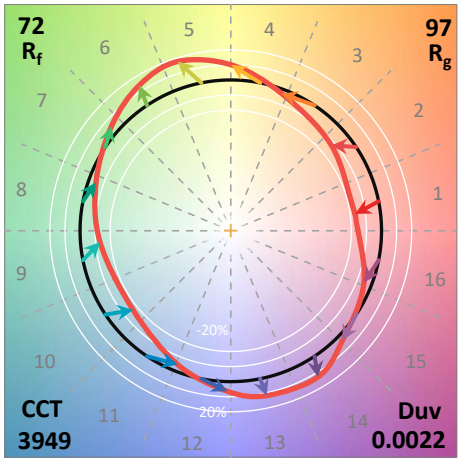
Spectral Power Distribution Comparison

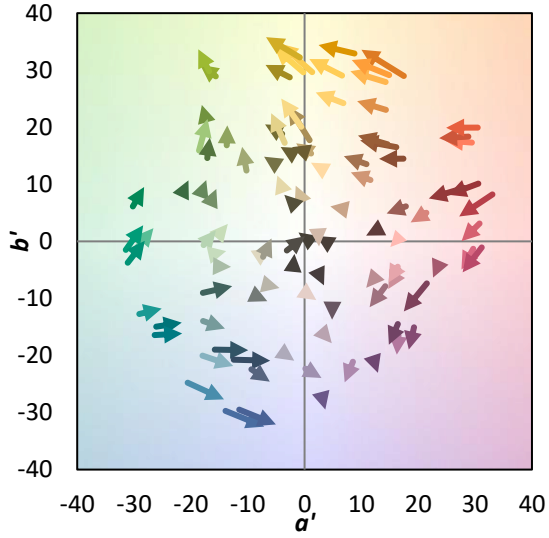


Color Vector Graphics







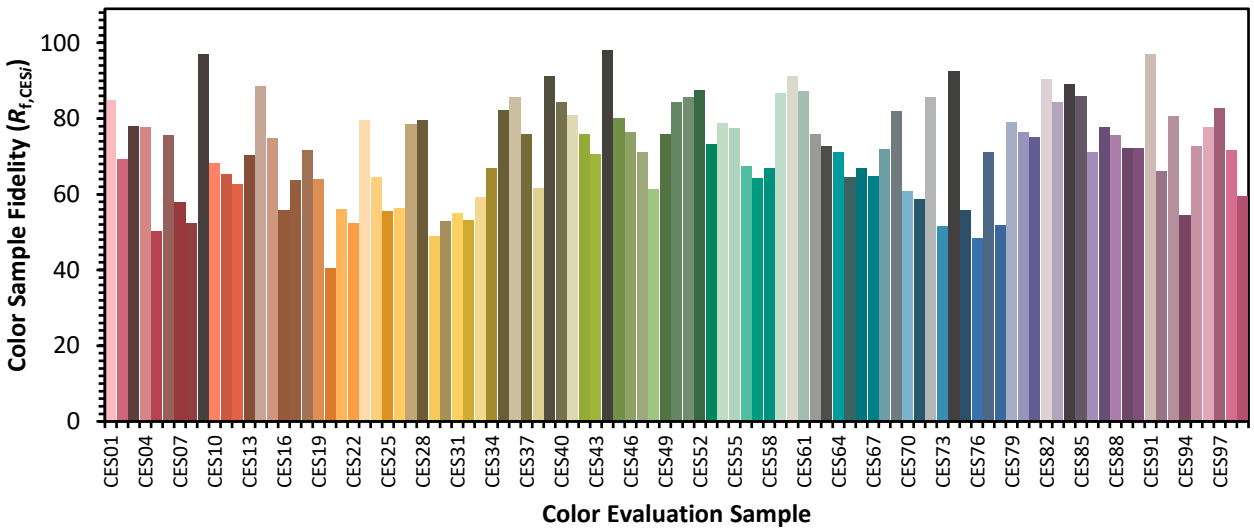


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

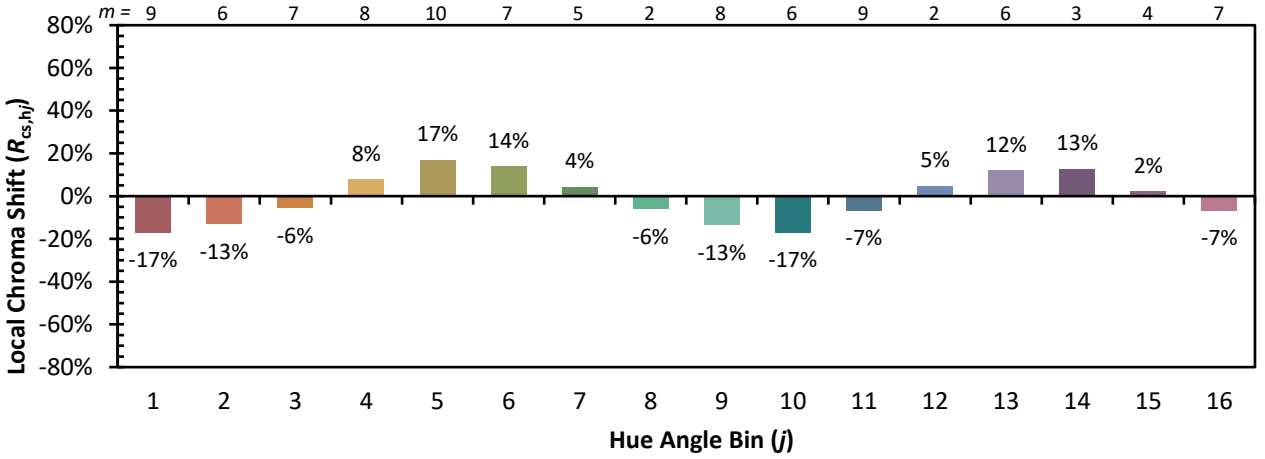
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

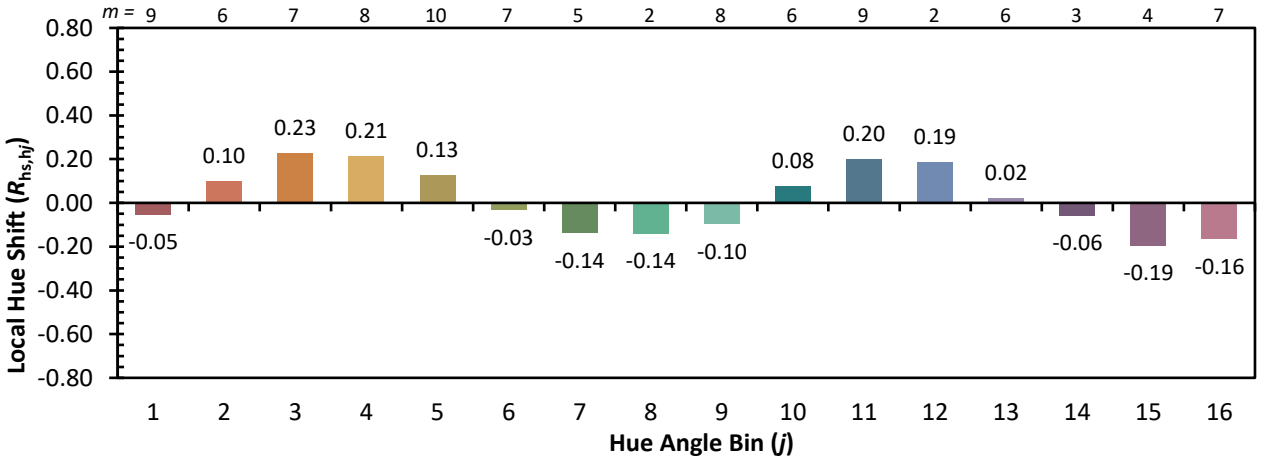


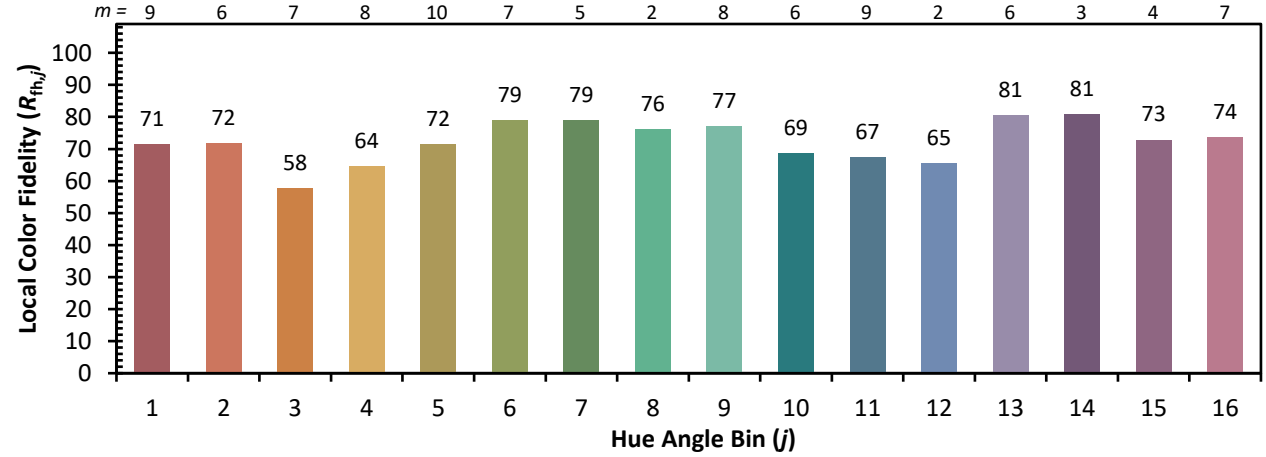
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



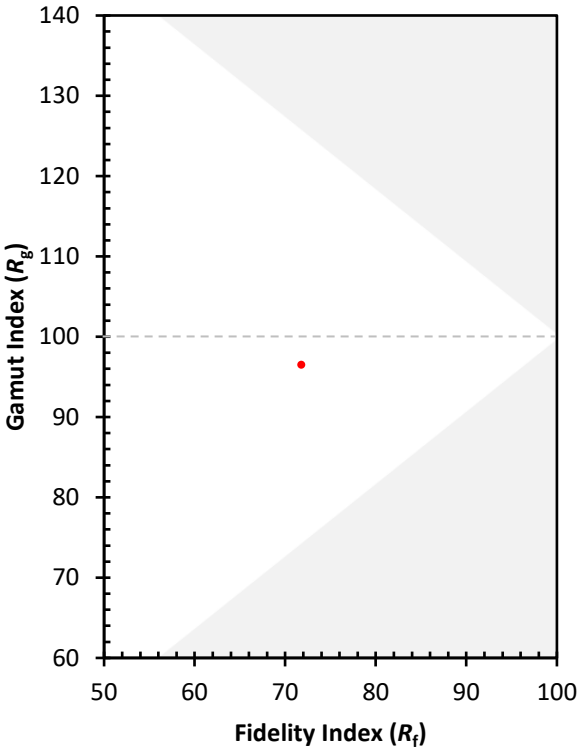


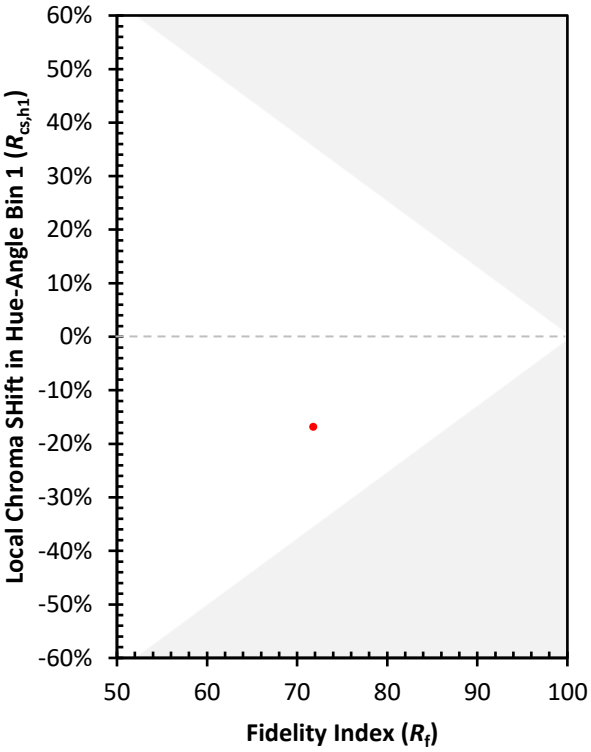


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)