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: P1358761

Luminaire Tested: **GSS-SB5C-740-U-SL4-HSS**

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:	P1358761
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-740-U-SL4-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 4000K FIXTURE w/ TYPE IV SPILL CONTROL DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	24365 lumens
Efficiency:	N/A
Efficacy:	96.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G4

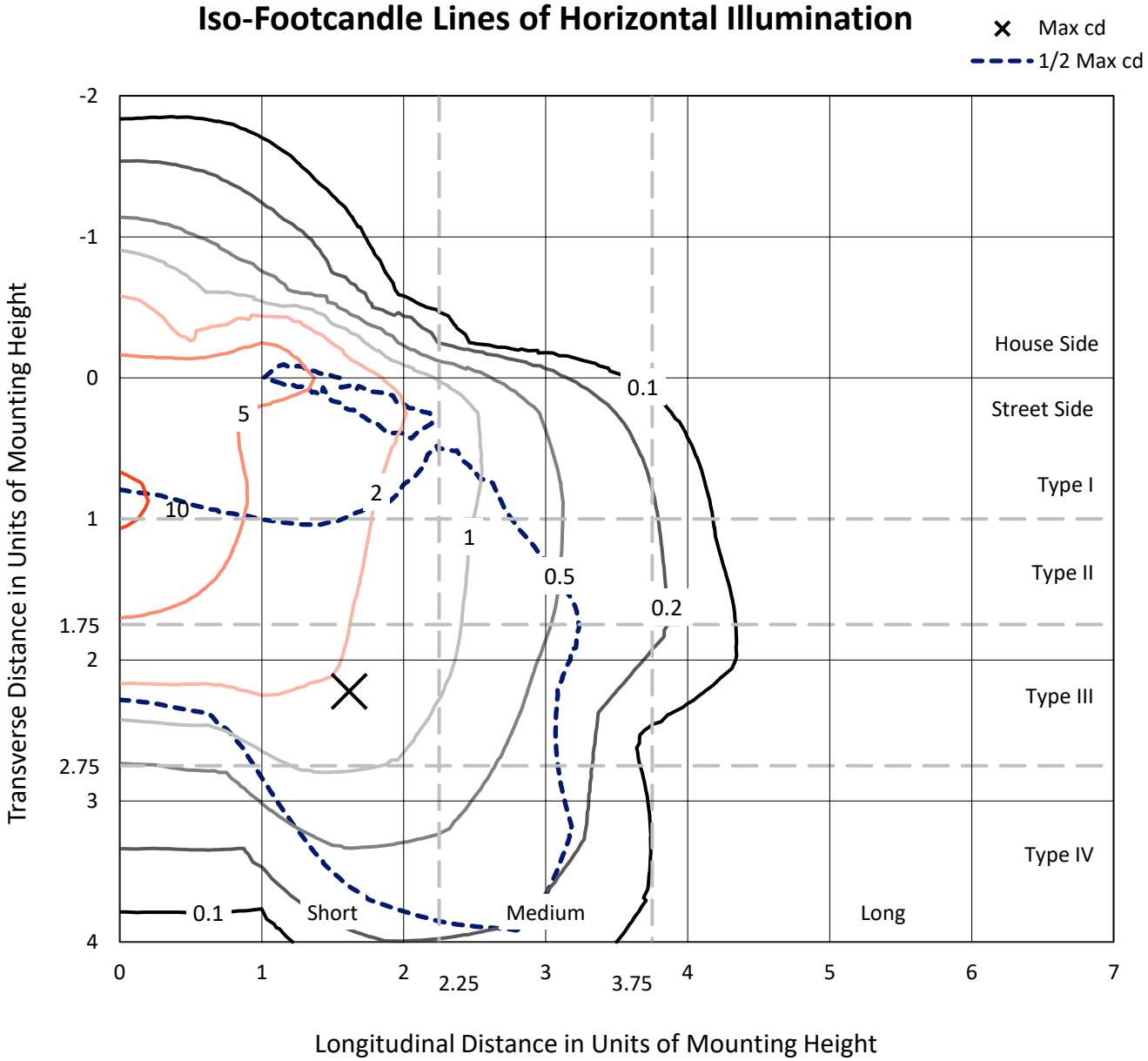
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1358761
CATALOG NUMBER: GSS-SB5C-740-U-SL4-HSS

Iso-Footcandle Lines of Horizontal Illumination



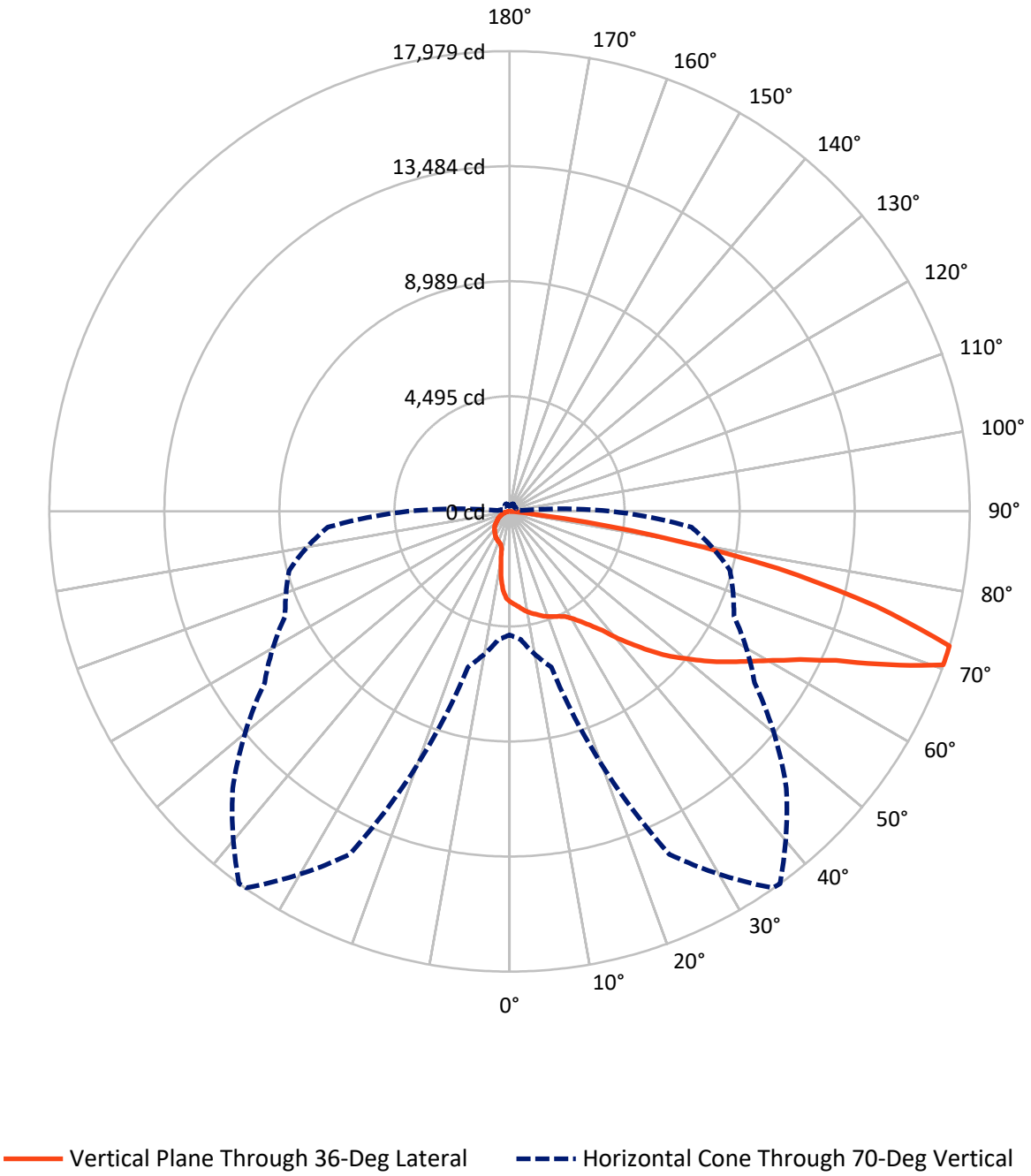
Based on 20 foot mounting height. Maximum calculated value = 10.8 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1358761
CATALOG NUMBER: GSS-SB5C-740-U-SL4-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

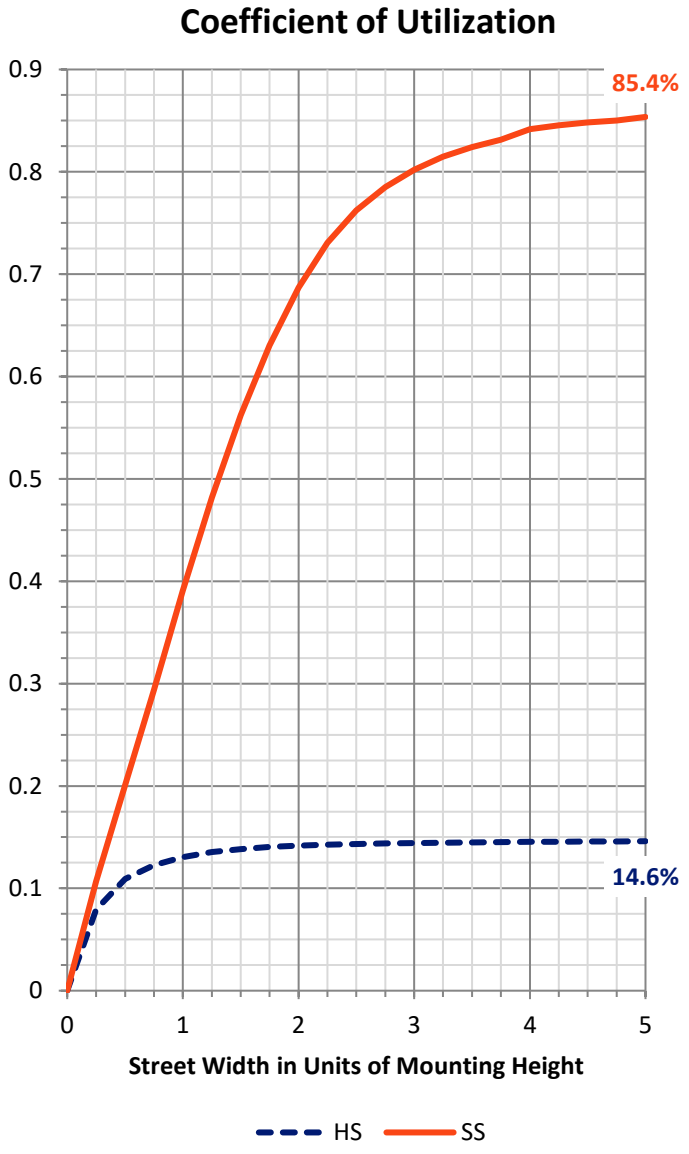
REPORT NUMBER: P1358761
CATALOG NUMBER: GSS-SB5C-740-U-SL4-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3596.7	0.0	3596.7
	% Fixture	14.8	0.0	14.8
Street Side	Lumens	20768.3	0.0	20768.3
	% Fixture	85.2	0.0	85.2
Total	Lumens	24365.0	0.0	24365.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	322.0	1.3
10°-20°	892.8	3.7
20°-30°	1504.9	6.2
30°-40°	2403.6	9.9
40°-50°	3928.1	16.1
50°-60°	5300.1	21.8
60°-70°	5886.2	24.2
70°-80°	3896.9	16.0
80°-90°	230.3	0.9
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	24365.0	100.0
0°-180°	24365.0	100.0



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

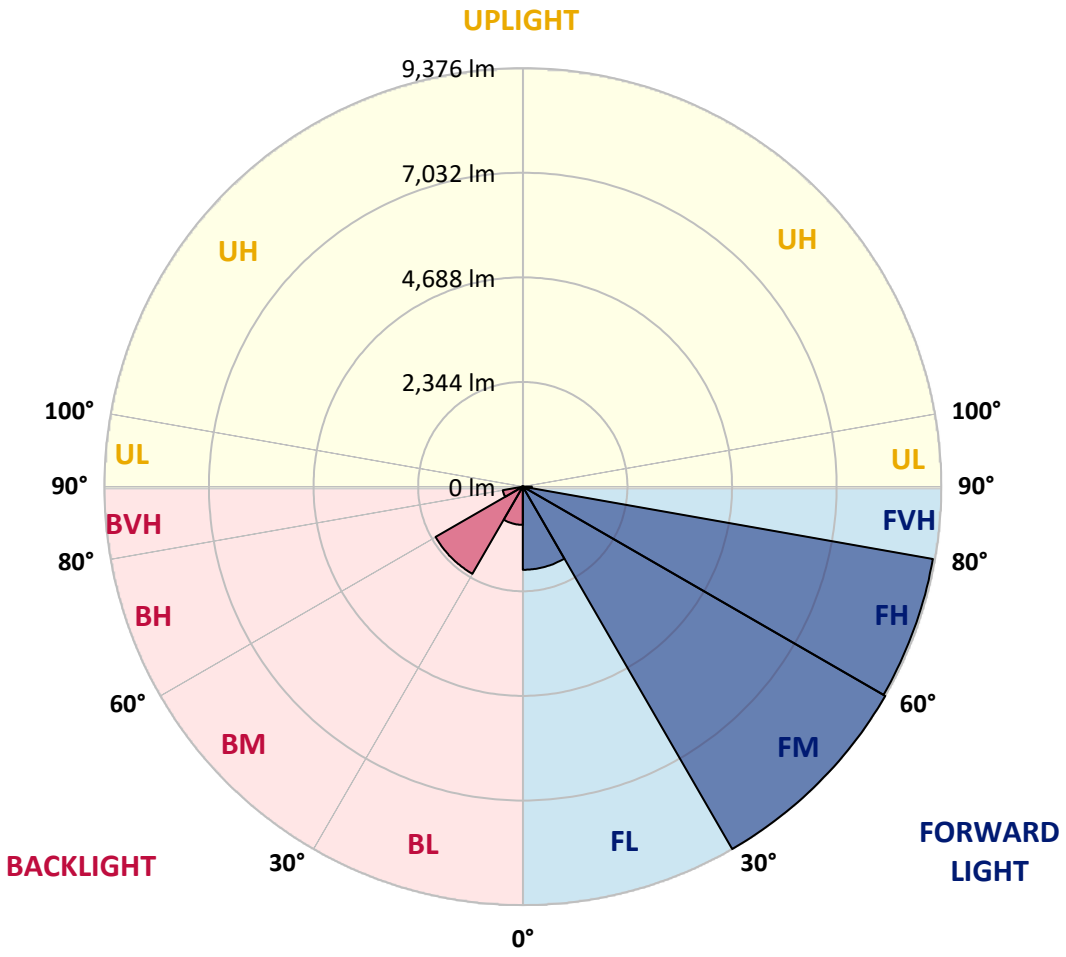
Scaled Data Report

REPORT NUMBER: P1358761
CATALOG NUMBER: GSS-SB5C-740-U-SL4-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1863.4	7.6			
FM	(30°-60°)	9375.7	38.5			
FH	(60°-80°)	9328.4	38.3			G4/12000
FVH	(80°-90°)	200.8	0.8			G2/225
BL	(0°-30°)	856.4	3.5	B2/1000		
BM	(30°-60°)	2256.2	9.3	B2/2500		
BH	(60°-80°)	454.7	1.9	B1/500		G1/500
BVH	(80°-90°)	29.4	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1358761
CATALOG NUMBER: GSS-SB5C-740-U-SL4-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	3534.2	3534.2	3534.2	3534.2	3534.2	*3534.2*	3534.2	3534.2	3534.2	3534.2	3534.2
2.5°	3658.9	3625.6	3642.3	3650.6	3625.6	*3633.9*	3617.3	3609.0	3575.7	3600.7	3567.4
5°	3791.9	3783.6	3775.3	3775.3	3750.4	*3742.0*	3717.1	3700.5	3667.2	3642.3	3600.7
7.5°	3949.9	3900.0	3891.7	3908.4	3858.5	*3883.4*	3858.5	3833.5	3775.3	3708.8	3642.3
10°	4074.7	4049.7	4016.5	4008.1	4016.5	*3999.8*	3974.9	3949.9	3916.7	3833.5	3758.7
12.5°	4216.0	4199.4	4166.1	4149.5	4091.3	*4099.6*	4099.6	4066.4	4016.5	3966.6	3883.4
15°	4374.0	4307.5	4290.9	4249.3	4216.0	*4191.1*	4199.4	4207.7	4149.5	4099.6	4016.5
17.5°	4448.9	4432.2	4390.7	4340.8	4340.8	*4307.5*	4299.2	4299.2	4274.2	4257.6	4157.8
20°	4565.3	4548.7	4473.8	4432.2	4390.7	*4382.4*	4407.3	4407.3	4365.7	4357.4	4340.8
22.5°	4739.9	4690.0	4590.2	4523.7	4473.8	*4465.5*	4498.8	4490.5	4490.5	4498.8	4532.0
25°	4906.2	4848.0	4739.9	4631.8	4523.7	*4540.4*	4581.9	4590.2	4557.0	4606.9	4731.6
27.5°	5155.7	5147.4	4981.1	4764.9	4665.1	*4656.8*	4673.4	4656.8	4623.5	4681.7	4914.6
30°	5812.6	5737.8	5463.4	5064.2	4839.7	*4856.3*	4831.4	4731.6	4648.5	4715.0	5089.2
32.5°	6453.0	6278.3	5995.6	5538.2	5122.4	*5130.8*	4956.1	4764.9	4673.4	4748.2	5263.8
35°	7384.3	7201.4	6777.3	5979.0	5554.9	*5480.0*	5122.4	4889.6	4723.3	4806.5	5463.4
37.5°	8698.2	8432.1	7858.3	6852.1	5937.4	*5904.1*	5413.5	4997.7	4764.9	4798.1	5729.5
40°	9712.7	9454.9	8989.2	7775.1	6594.3	*6527.8*	5870.9	5205.6	4773.2	4839.7	5979.0
42.5°	10594.2	10461.1	9837.4	8590.1	7276.2	*7134.8*	6311.6	5463.4	4947.8	4947.8	6394.7
45°	11775.0	11525.5	10818.7	9355.1	7958.1	*7800.1*	6893.7	5870.9	5164.0	5072.6	6827.2
47.5°	12814.4	12606.5	11783.3	10078.6	8606.7	*8473.7*	7450.8	6311.6	5438.4	5297.1	7334.4
50°	13953.7	13737.5	12789.5	10943.4	9247.0	*9055.8*	8066.2	6719.1	5771.1	5646.3	7941.5
52.5°	14743.7	14560.7	13612.7	11725.1	9862.4	*9729.3*	8565.1	7134.8	6161.9	6037.2	8523.6
55°	15267.6	14976.5	14053.5	12407.0	10544.3	*10377.9*	9014.2	7600.5	6602.6	6561.1	9022.5
57.5°	15517.0	15226.0	14444.3	13005.7	11217.8	*11034.9*	9571.3	8107.8	7176.4	7209.7	9554.7
60°	15384.0	15167.8	14594.0	13571.2	11966.2	*11816.6*	10103.5	8689.9	7766.8	7908.2	9804.2
62.5°	14402.7	14452.6	14610.6	14411.0	12922.5	*12739.6*	10876.9	9430.0	8573.4	8598.4	9779.2
65°	11143.0	11350.9	13163.7	15384.0	14261.4	*14020.2*	11941.3	10361.3	9122.3	8839.5	9130.6
67.5°	7084.9	7525.7	9521.4	15924.5	16132.4	*15982.7*	13346.6	11126.4	9255.3	9197.1	8540.2
70°	*4823.1*	*5022.7*	*6295.0*	*14776.9*	*17953.5*	*17978.5*	*15292.5*	*11683.5*	*9671.1*	*8914.4*	*7134.8*
72.5°	3791.9	3808.6	4448.9	13313.4	17878.7	*17970.1*	15151.1	12265.6	9380.1	7941.5	5438.4
75°	2544.6	2611.1	3035.2	10860.3	14851.8	*14776.9*	12373.7	9421.6	8556.8	6278.3	3525.8
77.5°	715.1	740.1	1264.0	6918.6	10411.2	*10727.2*	8980.9	3234.8	5954.0	2877.2	1330.5
80°	216.2	232.8	515.6	1987.4	4981.1	*5704.5*	4673.4	972.9	1438.6	681.9	266.1
82.5°	91.5	99.8	307.7	457.4	1139.2	*1230.7*	1097.7	257.8	449.0	216.2	91.5
85°	33.3	41.6	99.8	108.1	174.6	*158.0*	124.7	83.2	116.4	99.8	49.9
87.5°	0.0	8.3	8.3	16.6	24.9	*24.9*	33.3	33.3	33.3	33.3	33.3
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

Scaled Data Report

REPORT NUMBER: P1358761
CATALOG NUMBER: GSS-SB5C-740-U-SL4-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3534.2	3534.2	3534.2	3534.2	3534.2	3534.2	3534.2	3534.2	3534.2	3534.2	3534.2
2.5°	3542.5	3534.2	3500.9	3459.3	3434.4	3426.1	3401.1	3351.2	3367.8	3376.2	3334.6
5°	3575.7	3517.5	3451.0	3367.8	3276.4	3201.5	3101.7	3026.9	2977.0	2968.7	2960.4
7.5°	3609.0	3559.1	3442.7	3259.7	3076.8	2885.5	2627.7	2444.8	2311.8	2245.2	2270.2
10°	3717.1	3633.9	3434.4	3151.6	2760.8	2345.0	1970.8	1754.6	1629.9	1571.7	1546.7
12.5°	3825.2	3708.8	3434.4	2960.4	2295.1	1771.2	1471.9	1405.3	1405.3	1422.0	1413.7
15°	3966.6	3833.5	3459.3	2669.3	1821.1	1388.7	1338.8	1347.1	1372.1	1388.7	1388.7
17.5°	4124.6	4024.8	3459.3	2303.4	1422.0	1288.9	1297.2	1322.2	1347.1	1355.5	1363.8
20°	4349.1	4207.7	3351.2	1879.3	1247.3	1247.3	1264.0	1280.6	1313.9	1330.5	1338.8
22.5°	4557.0	4399.0	3151.6	1496.8	1197.5	1205.8	1239.0	1255.7	1288.9	1305.6	1297.2
25°	4814.8	4665.1	2935.4	1214.1	1147.6	1164.2	1189.1	1214.1	1264.0	1280.6	1280.6
27.5°	5097.5	4964.4	2769.1	1189.1	1097.7	1122.6	1164.2	1197.5	1239.0	1255.7	1255.7
30°	5405.2	5272.1	2669.3	1280.6	1072.7	1064.4	1114.3	1139.2	1189.1	1230.7	1239.0
32.5°	5729.5	5521.6	2636.1	1463.6	1089.4	1022.8	1064.4	1097.7	1164.2	1214.1	1214.1
35°	6195.2	5895.8	2636.1	1663.1	1155.9	981.2	1014.5	1056.1	1130.9	1180.8	1180.8
37.5°	6768.9	6486.2	2893.8	1804.5	1214.1	948.0	964.6	1006.2	1064.4	1130.9	1139.2
40°	7450.8	7317.8	3575.7	1896.0	1247.3	914.7	931.4	948.0	981.2	1047.8	1064.4
42.5°	8182.6	8041.2	4548.7	1987.4	1230.7	889.8	881.5	881.5	898.1	939.7	948.0
45°	8889.4	8689.9	5421.8	1954.2	1155.9	839.9	823.3	798.3	798.3	831.6	831.6
47.5°	9513.1	9155.5	5845.9	1729.7	1064.4	790.0	756.7	715.1	715.1	731.8	731.8
50°	9912.3	9138.9	5579.8	1372.1	931.4	740.1	690.2	656.9	648.6	656.9	648.6
52.5°	9970.5	8556.8	4590.2	1064.4	806.6	681.9	623.7	607.0	598.7	598.7	598.7
55°	9579.6	7484.1	3226.5	814.9	706.8	615.4	573.8	565.5	557.1	548.8	540.5
57.5°	8906.1	5929.1	1970.8	656.9	640.3	557.1	532.2	523.9	507.3	482.3	474.0
60°	8008.0	4365.7	1039.5	557.1	557.1	490.6	490.6	490.6	449.0	415.8	399.2
62.5°	7010.1	2943.7	582.1	474.0	465.7	440.7	449.0	440.7	399.2	340.9	332.6
65°	5895.8	1671.4	390.8	390.8	399.2	382.5	399.2	390.8	332.6	274.4	257.8
67.5°	5089.2	873.1	307.7	332.6	332.6	316.0	340.9	349.3	299.4	241.2	224.5
70°	*3983.2*	*440.7*	*249.5*	*274.4*	*274.4*	*249.5*	*299.4*	*324.3*	*274.4*	*207.9*	*199.6*
72.5°	2810.7	274.4	207.9	216.2	207.9	191.3	257.8	291.0	241.2	174.6	166.3
75°	1713.0	182.9	158.0	174.6	149.7	149.7	224.5	257.8	207.9	141.4	133.1
77.5°	798.3	133.1	116.4	124.7	108.1	116.4	182.9	199.6	149.7	116.4	108.1
80°	199.6	91.5	91.5	83.2	83.2	91.5	133.1	124.7	108.1	99.8	91.5
82.5°	83.2	66.5	58.2	58.2	58.2	66.5	83.2	83.2	91.5	83.2	83.2
85°	41.6	41.6	41.6	41.6	49.9	49.9	66.5	74.8	74.8	74.8	66.5
87.5°	24.9	24.9	24.9	24.9	24.9	33.3	41.6	49.9	58.2	33.3	24.9
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

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

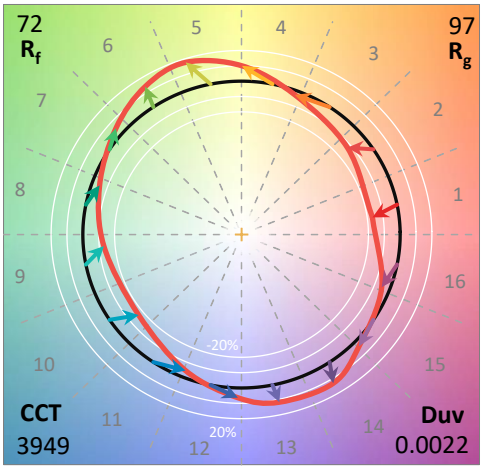
Test Information

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

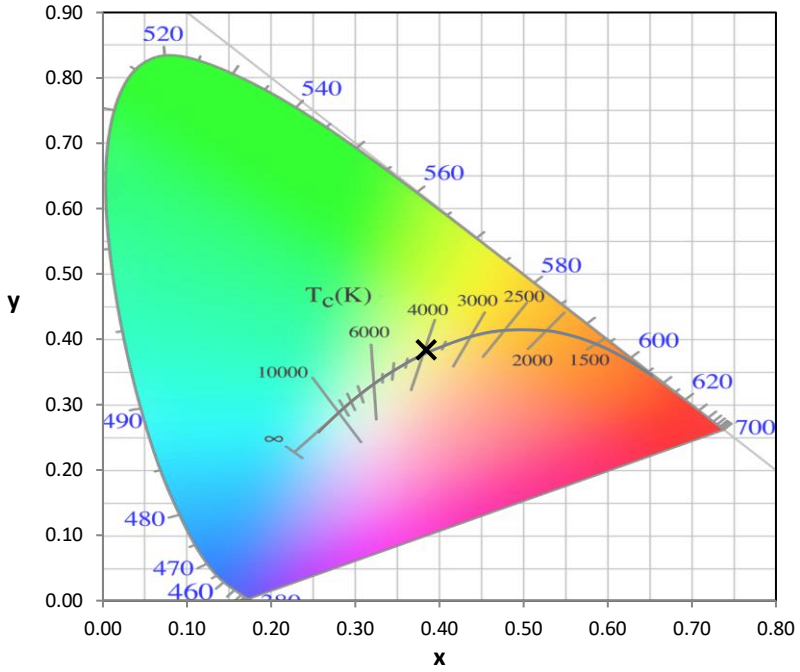
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

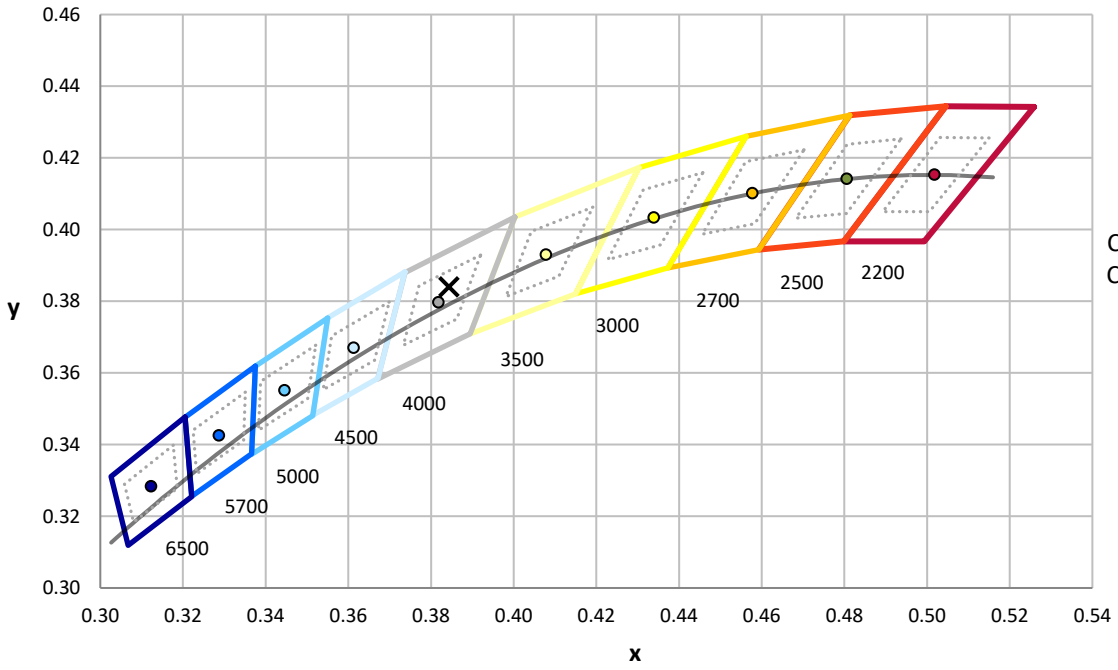
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

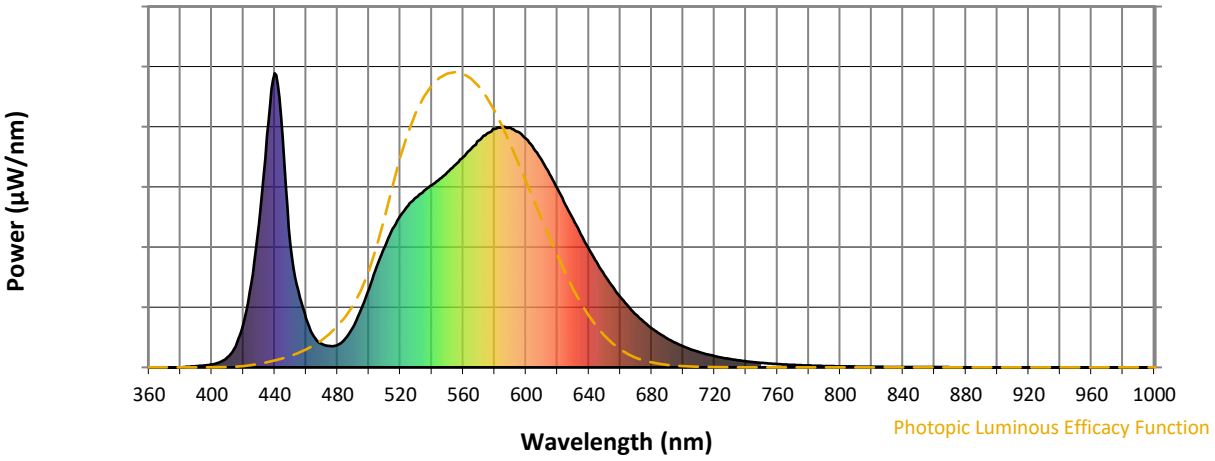


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

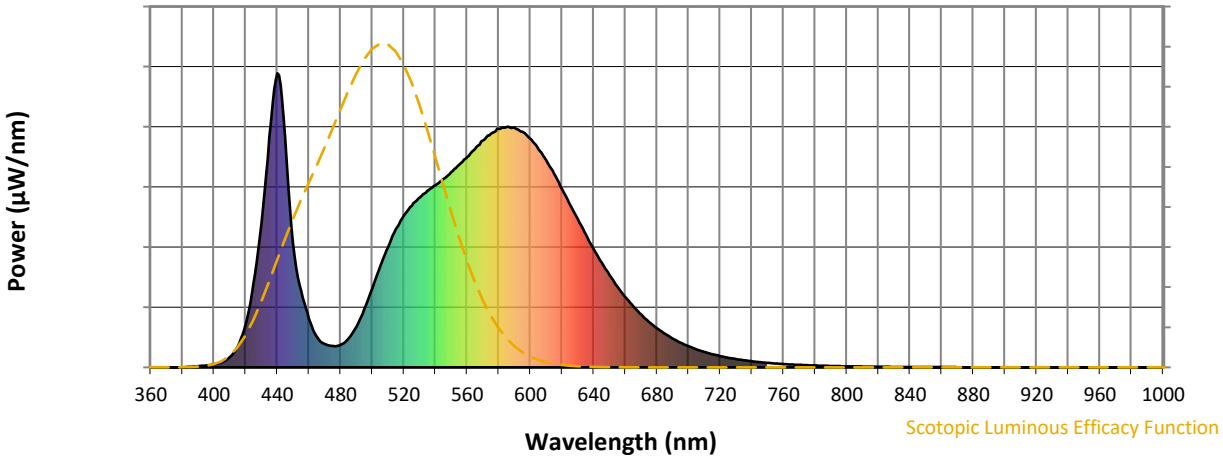


Photopic Lumens: NR

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

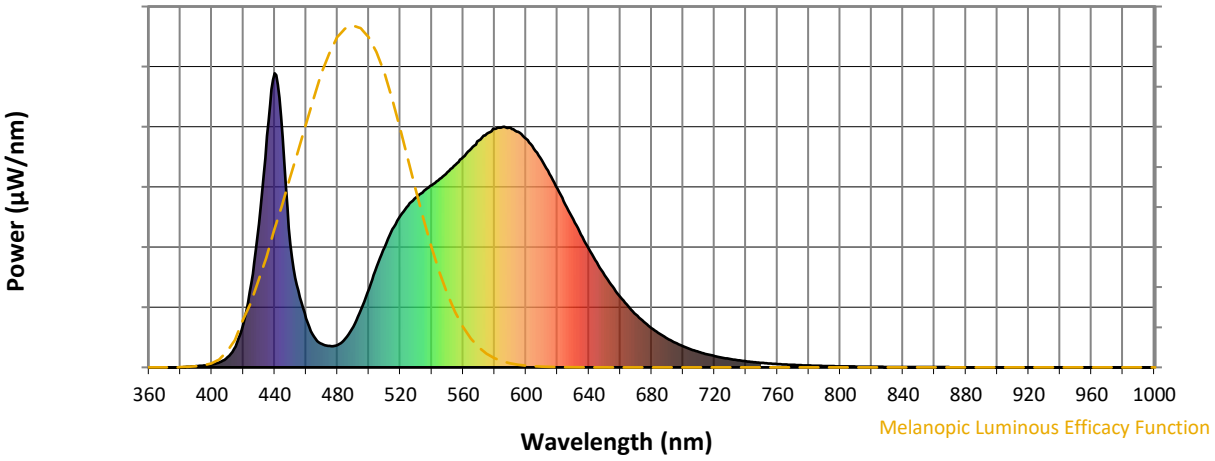


Scotopic Lumens: NR **S/P: 1.47**

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			

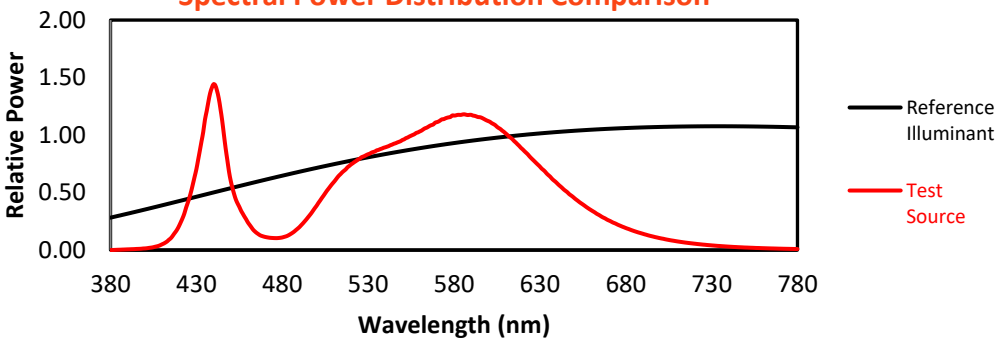
REPORT NUMBER: SP1-2407-184-1

TM-30-18

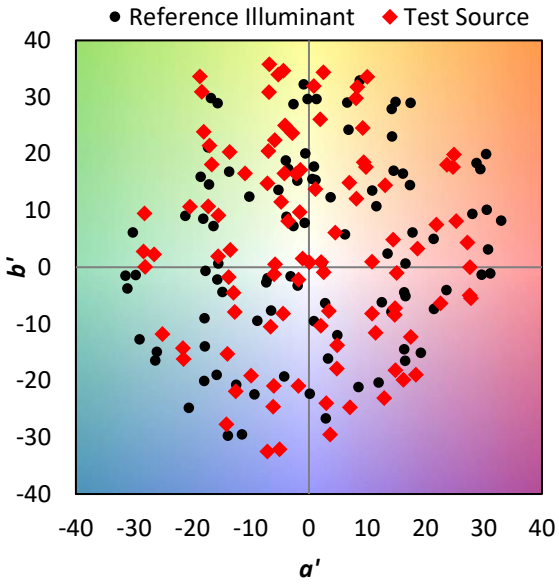
Summary

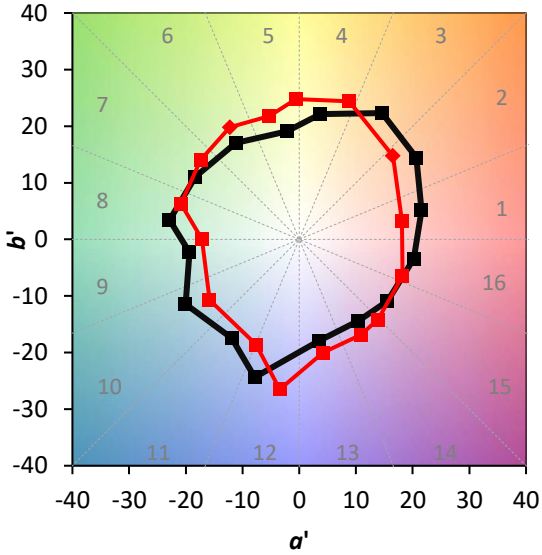
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

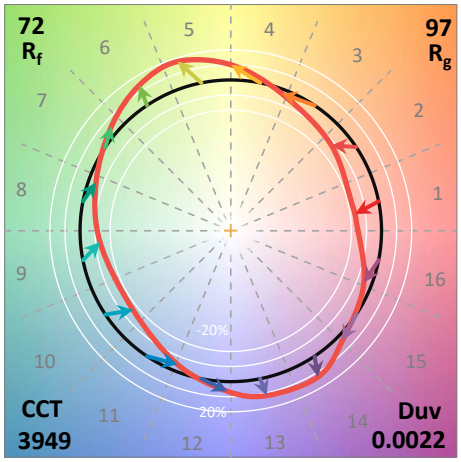
Spectral Power Distribution Comparison

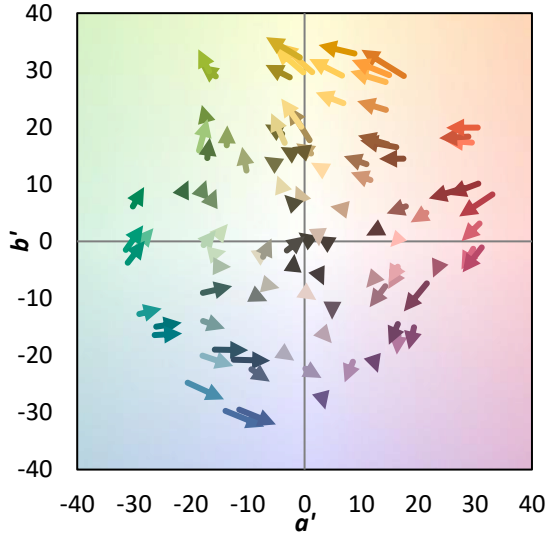


Color Vector Graphics







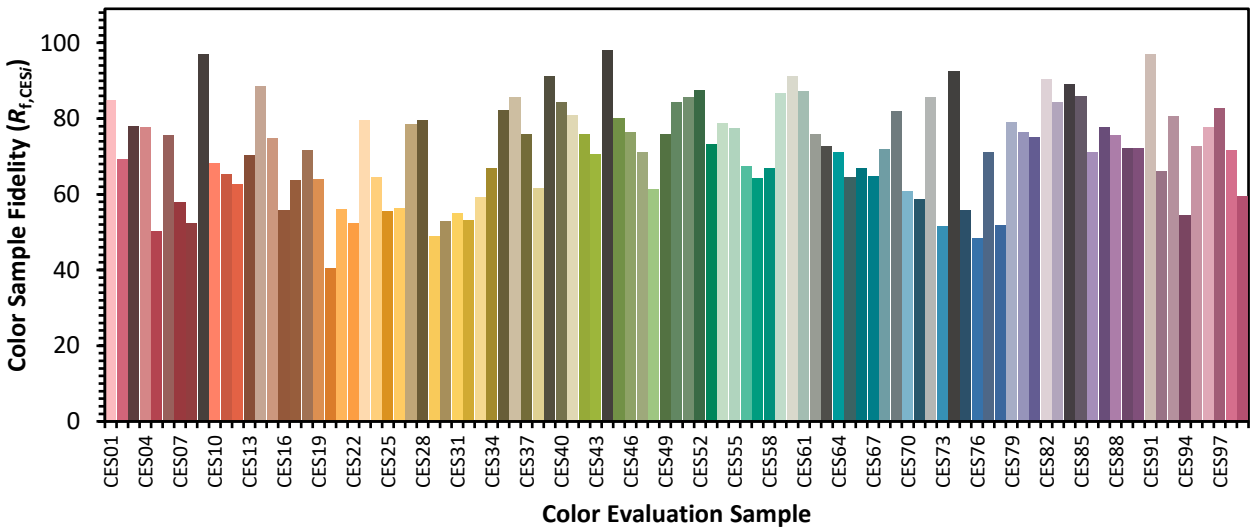


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

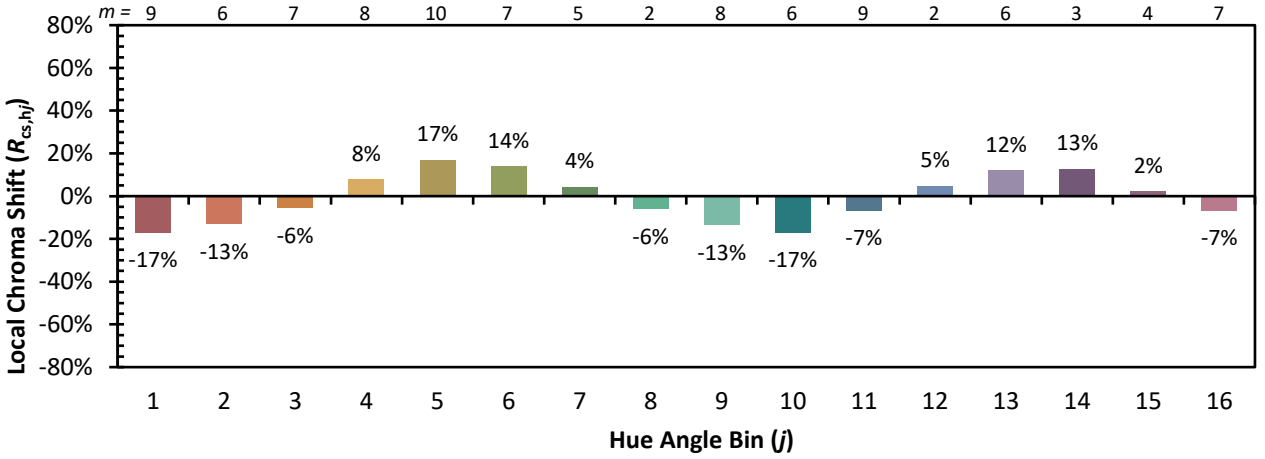
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

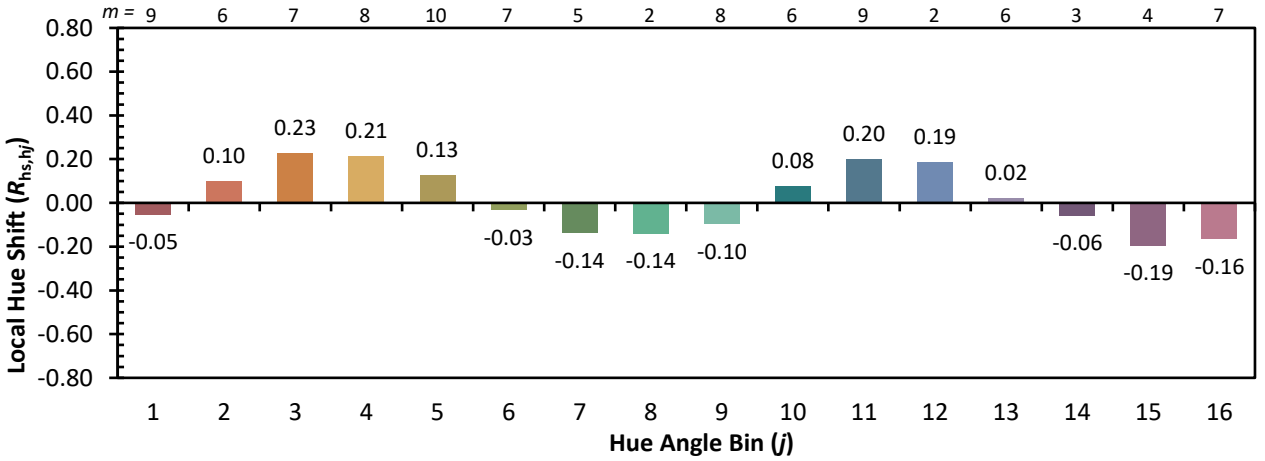


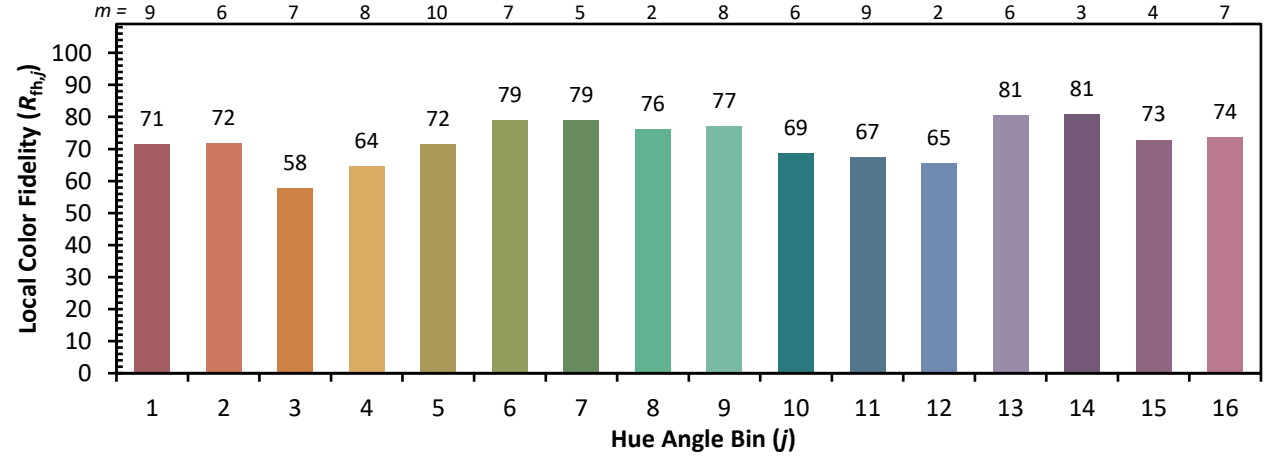
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



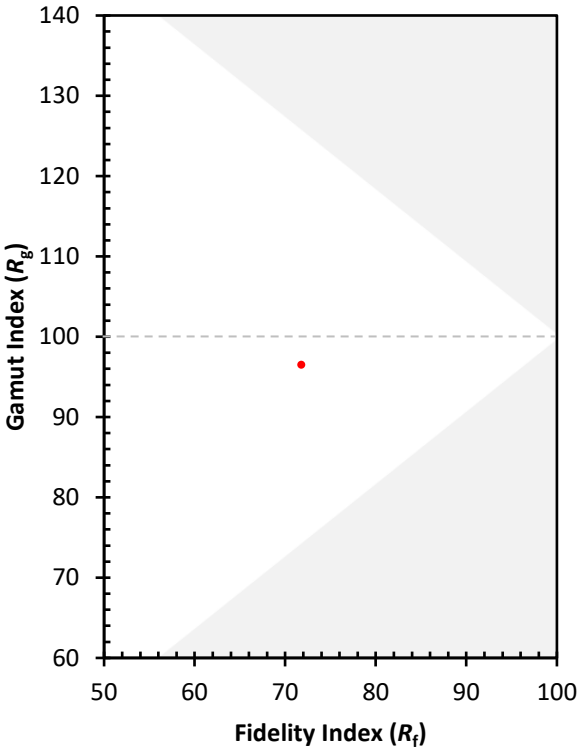


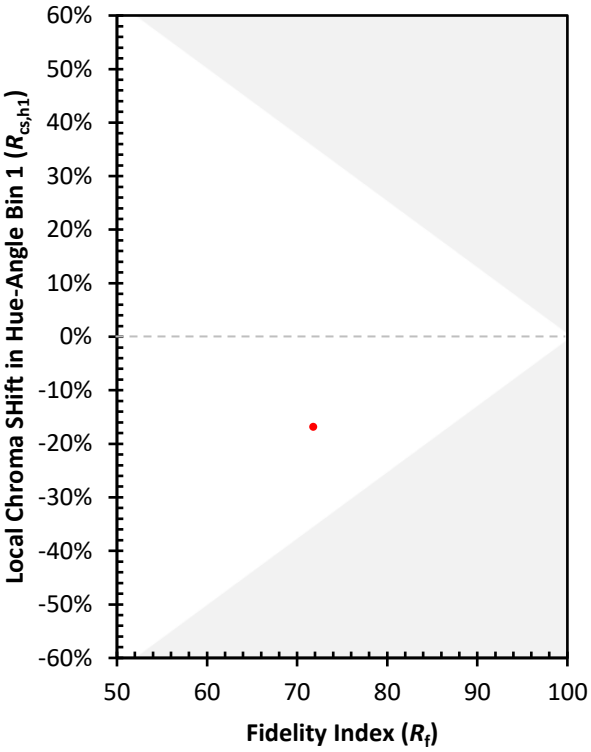


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)