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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1502694

Luminaire Tested: GSS-SB1B-835-U-T4LG-HSS

Issue Date: 07/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1502694
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-835-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3838.1 lumens
Efficiency:	N/A
Efficacy:	96.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

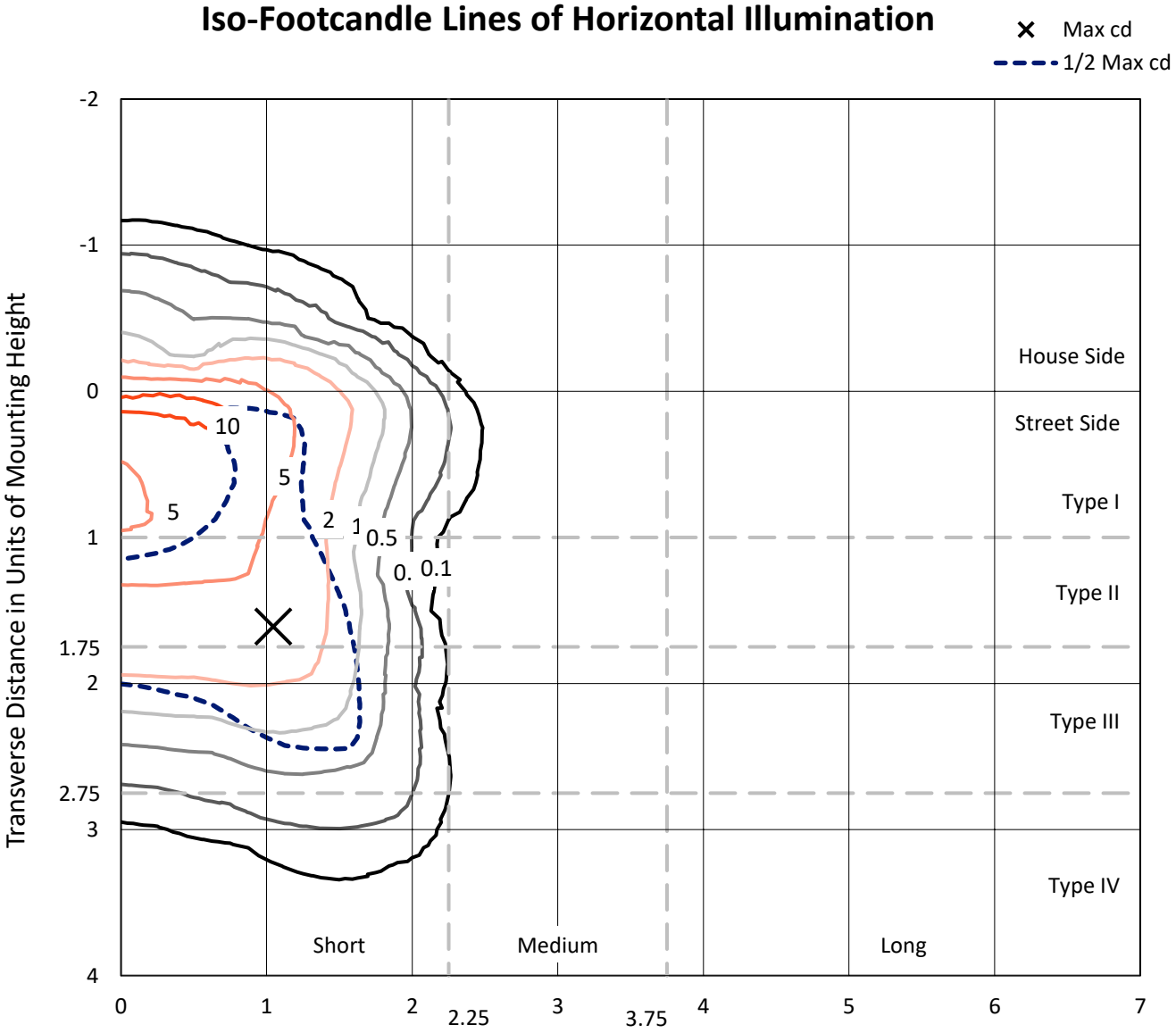
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502694
CATALOG NUMBER: GSS-SB1B-835-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



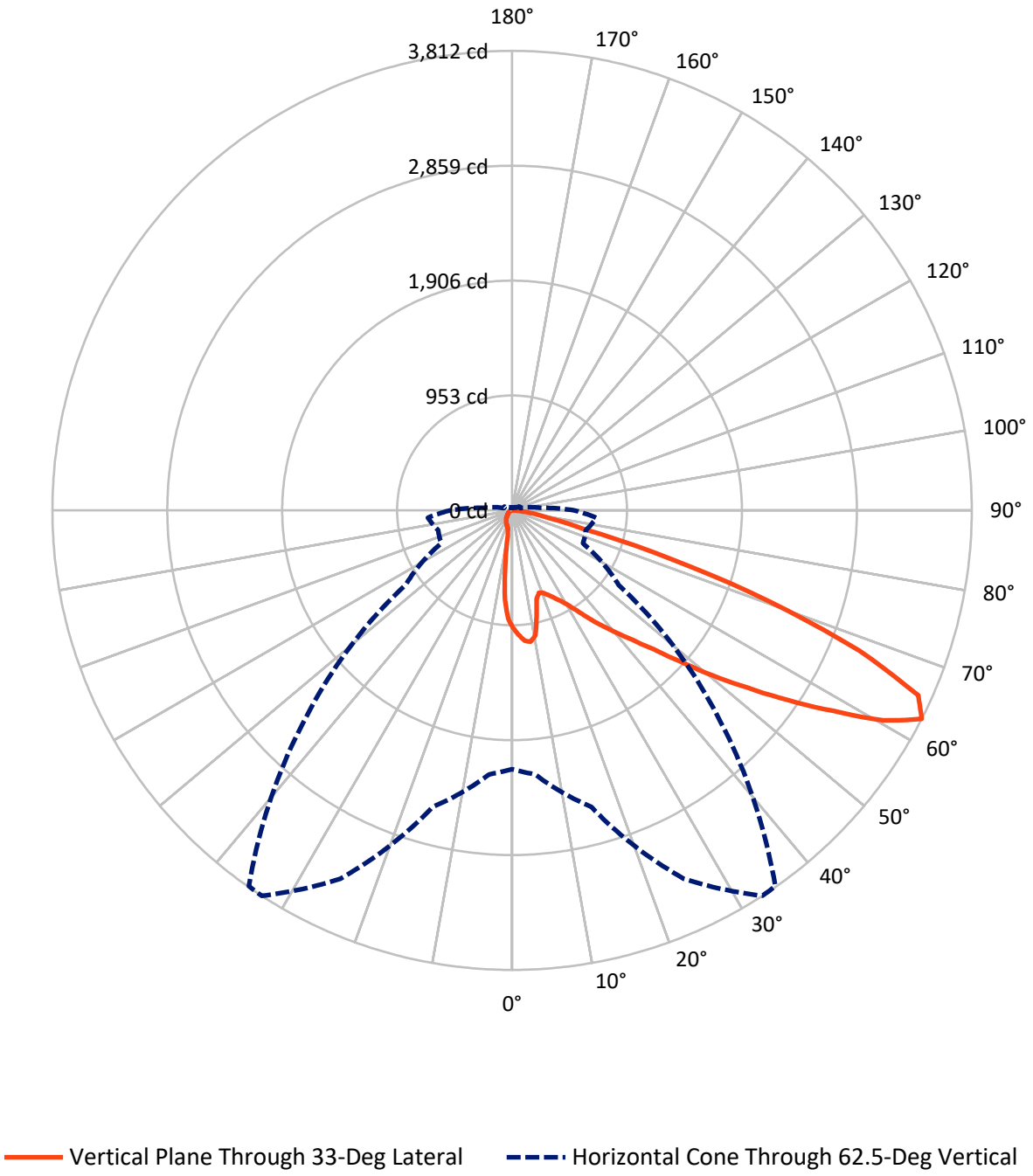
Based on 10 foot mounting height. Maximum calculated value = 11.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1502694
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Luminous Intensity Polar Plot



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Scaled Data Report

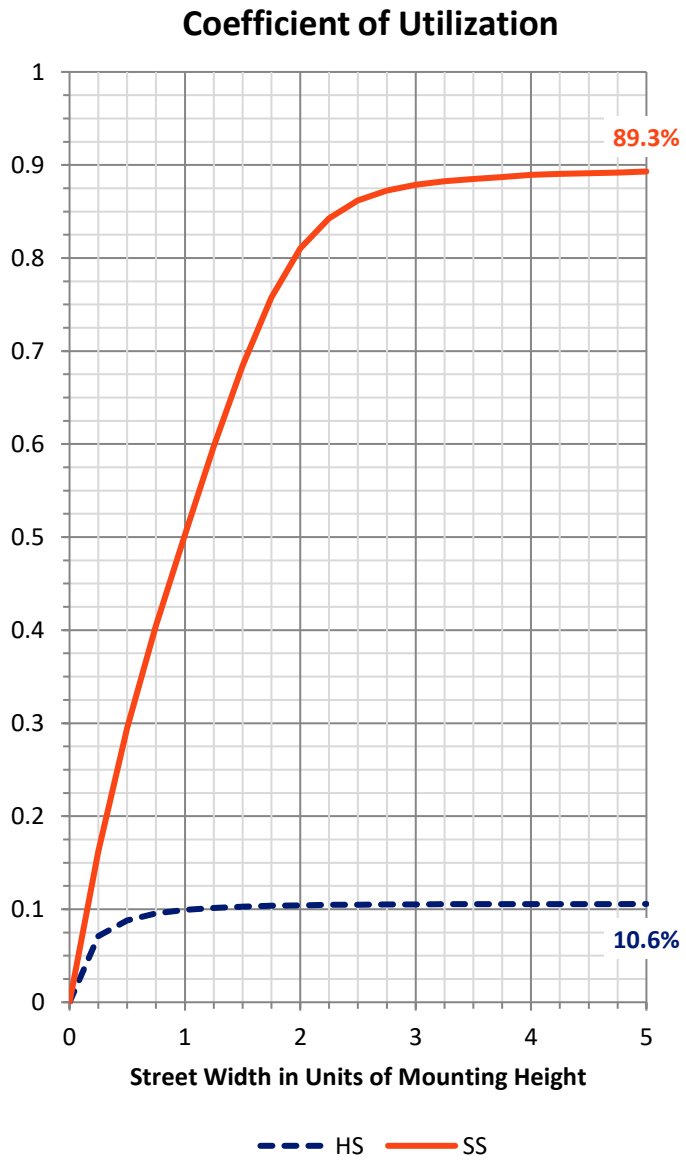
REPORT NUMBER: P1502694
CATALOG NUMBER: GSS-SB1B-835-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	408.4	0.0	408.4
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	3429.7	0.0	3429.7
	% Fixture	89.4	0.0	89.4
Total	Lumens	3838.1	0.0	3838.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.9	2.2
10°-20°	185.0	4.8
20°-30°	298.1	7.8
30°-40°	495.9	12.9
40°-50°	783.8	20.4
50°-60°	1053.1	27.4
60°-70°	773.1	20.1
70°-80°	153.0	4.0
80°-90°	13.3	0.3
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°	3838.1	100.0
0°-180°	3838.1	100.0



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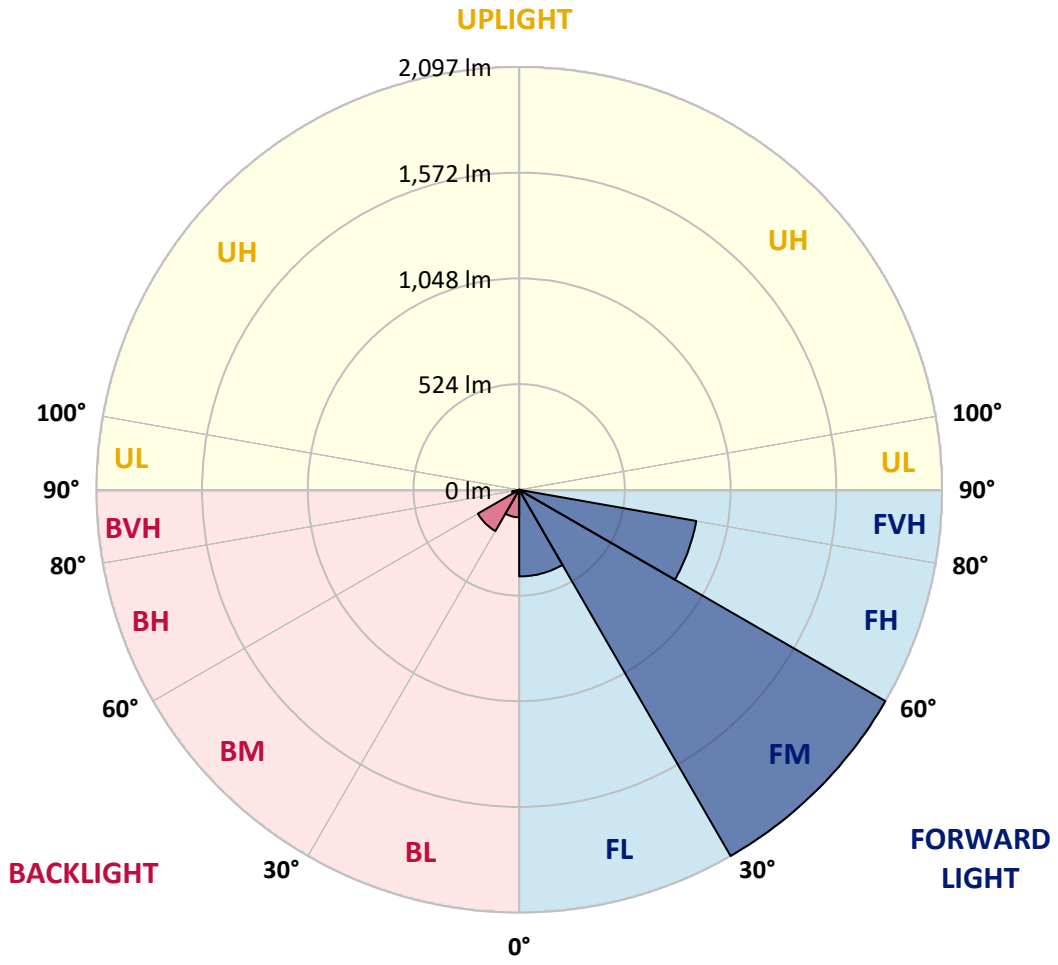
Scaled Data Report

REPORT NUMBER: P1502694
CATALOG NUMBER: GSS-SB1B-835-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	429.7	11.2			
FM	(30°-60°)	2096.6	54.6			
FH	(60°-80°)	891.2	23.2			G1/1800
FVH	(80°-90°)	12.3	0.3			G1/100
BL	(0°-30°)	136.3	3.6	B1/500		
BM	(30°-60°)	236.2	6.2	B1/1000		
BH	(60°-80°)	34.9	0.9	B0/110		G0/110
BVH	(80°-90°)	1.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	974.9	974.9	974.9	974.9	974.9	974.9	974.9	974.9	974.9	974.9	974.9
2.5°	1038.7	1043.0	1043.0	1034.4	1032.2	1027.9	1023.6	1022.5	1008.4	997.6	986.8
5°	1091.7	1090.6	1089.5	1085.2	1086.3	1080.8	1077.6	1072.2	1048.4	1032.2	1003.0
7.5°	1069.0	1078.7	1083.0	1094.9	1100.3	1099.2	1107.9	1110.0	1089.5	1066.8	1022.5
10°	920.9	915.5	954.4	1005.2	1056.0	1067.9	1114.4	1139.2	1131.6	1111.1	1053.8
12.5°	729.6	735.0	762.0	821.4	904.7	930.6	1064.6	1163.0	1184.6	1171.6	1097.1
15°	668.0	668.0	682.0	710.1	759.8	784.7	950.1	1159.7	1240.8	1241.9	1151.1
17.5°	655.0	657.2	669.0	687.4	719.8	730.7	846.3	1112.2	1295.9	1315.4	1211.6
20°	657.2	660.4	673.4	699.3	730.7	743.6	819.3	1051.7	1342.4	1395.4	1275.4
22.5°	664.7	663.6	686.3	720.9	760.9	772.8	842.0	1026.8	1381.3	1487.2	1350.0
25°	673.4	674.4	703.6	752.3	800.9	815.0	892.8	1049.5	1409.4	1585.6	1425.6
27.5°	699.3	702.5	738.2	791.2	848.5	866.8	958.7	1108.9	1458.1	1680.7	1507.8
30°	739.3	742.5	783.6	847.4	909.0	937.1	1040.9	1183.5	1530.5	1791.0	1592.1
32.5°	785.8	790.1	843.1	916.6	991.1	1018.2	1134.9	1297.0	1626.7	1903.4	1679.6
35°	844.1	856.0	913.3	1000.9	1101.4	1127.3	1250.5	1425.6	1752.1	2003.9	1754.2
37.5°	924.1	933.9	1004.1	1113.3	1214.9	1249.5	1380.2	1560.7	1865.5	2093.6	1814.7
40°	1021.4	1030.0	1108.9	1227.8	1333.8	1362.9	1516.4	1696.9	1987.7	2143.3	1827.7
42.5°	1183.5	1207.3	1257.0	1357.5	1471.0	1507.8	1667.7	1828.8	2076.3	2153.0	1807.2
45°	1466.7	1474.3	1485.1	1532.6	1641.8	1674.2	1827.7	1943.4	2129.3	2155.2	1788.8
47.5°	1738.0	1763.9	1779.1	1800.7	1866.6	1878.5	1995.2	2046.0	2171.4	2147.6	1788.8
50°	2009.3	2028.7	2054.7	2080.6	2150.9	2155.2	2172.5	2115.2	2173.6	2086.0	1778.0
52.5°	2255.7	2262.2	2306.5	2356.2	2443.8	2467.6	2336.8	2166.0	2042.8	1891.5	1727.2
55°	2476.2	2484.9	2551.9	2653.5	2778.9	2810.2	2537.8	2067.7	1762.9	1639.6	1609.4
57.5°	2618.9	2639.4	2773.5	2997.2	3138.8	3124.7	2693.5	1837.4	1415.9	1341.3	1400.8
60°	2547.6	2575.7	2857.8	3285.8	3537.6	3496.5	2650.2	1512.1	1046.3	992.2	1108.9
62.5°	2146.6	2198.4	2547.6	3371.2	3812.1	3805.7	2406.0	1078.7	648.5	634.5	700.4
65°	1492.6	1582.4	1996.3	3085.8	3701.9	3711.6	2025.5	628.0	300.5	372.9	409.6
67.5°	879.8	943.6	1286.2	2519.5	3106.4	3016.6	1377.0	290.7	150.2	227.0	217.3
70°	386.9	430.2	737.1	1745.6	2263.3	2118.5	672.3	141.6	114.6	137.3	120.0
72.5°	212.9	232.4	388.0	922.0	1377.0	1308.9	227.0	94.0	98.4	102.7	86.5
75°	118.9	127.5	204.3	532.9	605.3	563.1	110.2	61.6	83.2	83.2	63.8
77.5°	69.2	76.7	127.5	331.8	331.8	268.0	67.0	38.9	62.7	56.2	34.6
80°	32.4	36.7	70.3	183.7	209.7	172.9	37.8	27.0	41.1	35.7	22.7
82.5°	9.7	11.9	34.6	71.3	118.9	101.6	19.5	17.3	30.3	22.7	13.0
85°	6.5	7.6	17.3	29.2	58.4	50.8	6.5	5.4	13.0	10.8	5.4
87.5°	1.1	1.1	2.2	2.2	2.2	2.2	1.1	1.1	0.0	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

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Scaled Data Report

REPORT NUMBER: P1502694
CATALOG NUMBER: GSS-SB1B-835-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	974.9	974.9	974.9	974.9	974.9	974.9	974.9	974.9	974.9	974.9	974.9
2.5°	980.3	972.8	955.5	939.3	930.6	911.2	903.6	894.9	890.6	889.5	883.1
5°	984.7	970.6	927.4	884.1	838.7	795.5	751.2	712.3	680.9	682.0	683.1
7.5°	997.6	969.5	893.9	807.4	710.1	597.7	477.7	388.0	330.7	318.8	308.0
10°	1014.9	973.8	852.8	692.8	501.5	315.6	222.7	190.2	176.2	172.9	174.0
12.5°	1047.3	984.7	800.9	535.0	277.8	181.6	161.0	155.6	153.5	153.5	153.5
15°	1087.3	999.8	719.8	350.2	181.6	151.3	147.0	145.9	143.8	143.8	144.8
17.5°	1120.8	999.8	612.8	228.1	149.2	140.5	137.3	136.2	136.2	137.3	136.2
20°	1157.6	992.2	492.9	171.9	138.3	130.8	128.6	128.6	128.6	129.7	129.7
22.5°	1195.4	979.2	381.5	147.0	128.6	122.1	121.1	122.1	123.2	124.3	124.3
25°	1237.6	963.0	301.6	136.2	120.0	114.6	114.6	114.6	115.7	117.8	118.9
27.5°	1284.0	949.0	258.3	129.7	112.4	107.0	107.0	108.1	110.2	111.3	112.4
30°	1327.3	949.0	244.3	132.9	109.2	102.7	100.5	101.6	103.8	105.9	105.9
32.5°	1381.3	959.8	251.8	147.0	108.1	96.2	94.0	94.0	96.2	97.3	97.3
35°	1426.7	980.3	277.8	166.5	112.4	90.8	86.5	85.4	87.5	86.5	87.5
37.5°	1463.5	1008.4	325.3	192.4	121.1	84.3	78.9	75.7	75.7	75.7	75.7
40°	1474.3	1036.5	385.9	209.7	120.0	76.7	69.2	65.9	64.9	63.8	63.8
42.5°	1459.1	1049.5	434.5	208.6	107.0	71.3	61.6	57.3	54.0	53.0	53.0
45°	1447.3	1056.0	451.8	181.6	97.3	64.9	55.1	49.7	46.5	45.4	44.3
47.5°	1448.3	1062.5	425.9	148.1	88.6	59.4	49.7	44.3	41.1	40.0	38.9
50°	1452.7	1051.7	361.0	123.2	81.1	54.0	44.3	40.0	36.7	35.7	34.6
52.5°	1407.3	994.4	254.0	108.1	74.6	50.8	40.0	36.7	33.5	32.4	32.4
55°	1288.4	857.1	171.9	96.2	69.2	46.5	36.7	34.6	31.3	29.2	29.2
57.5°	1098.1	646.3	118.9	87.5	60.5	42.2	34.6	31.3	28.1	25.9	25.9
60°	839.8	421.5	86.5	80.0	49.7	38.9	32.4	30.3	25.9	23.8	22.7
62.5°	*511.2*	*236.7*	*70.3*	*70.3*	*42.2*	*36.7*	*29.2*	*27.0*	*22.7*	*19.5*	*18.4*
65°	296.2	139.4	57.3	59.4	36.7	33.5	25.9	22.7	18.4	15.1	14.1
67.5°	142.7	81.1	45.4	42.2	32.4	28.1	22.7	19.5	16.2	13.0	11.9
70°	87.5	62.7	34.6	30.3	25.9	21.6	18.4	17.3	14.1	10.8	10.8
72.5°	71.3	50.8	27.0	21.6	19.5	15.1	15.1	14.1	10.8	8.6	7.6
75°	56.2	37.8	20.5	15.1	11.9	11.9	10.8	9.7	8.6	6.5	6.5
77.5°	30.3	25.9	15.1	8.6	6.5	7.6	7.6	6.5	5.4	4.3	4.3
80°	19.5	15.1	8.6	4.3	4.3	4.3	4.3	3.2	3.2	2.2	2.2
82.5°	9.7	7.6	4.3	1.1	2.2	2.2	2.2	2.2	2.2	1.1	1.1
85°	2.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

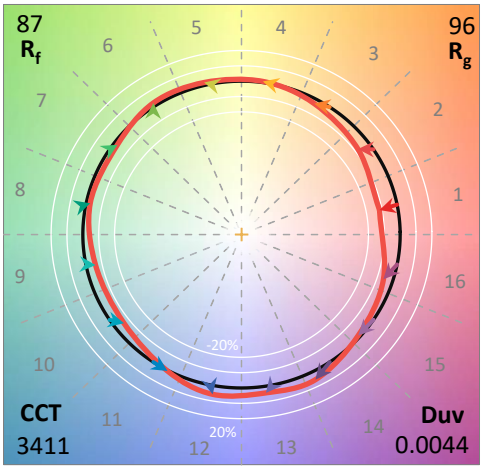
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

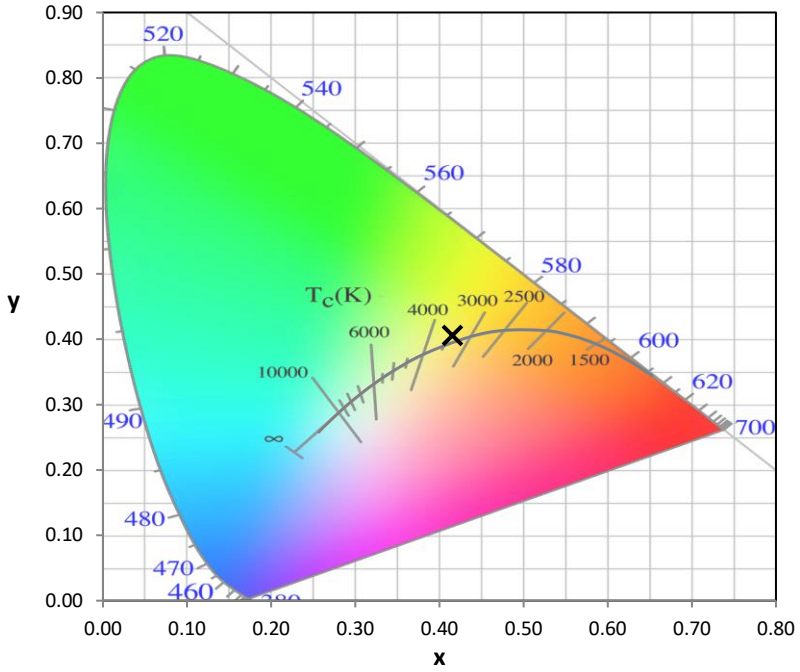
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

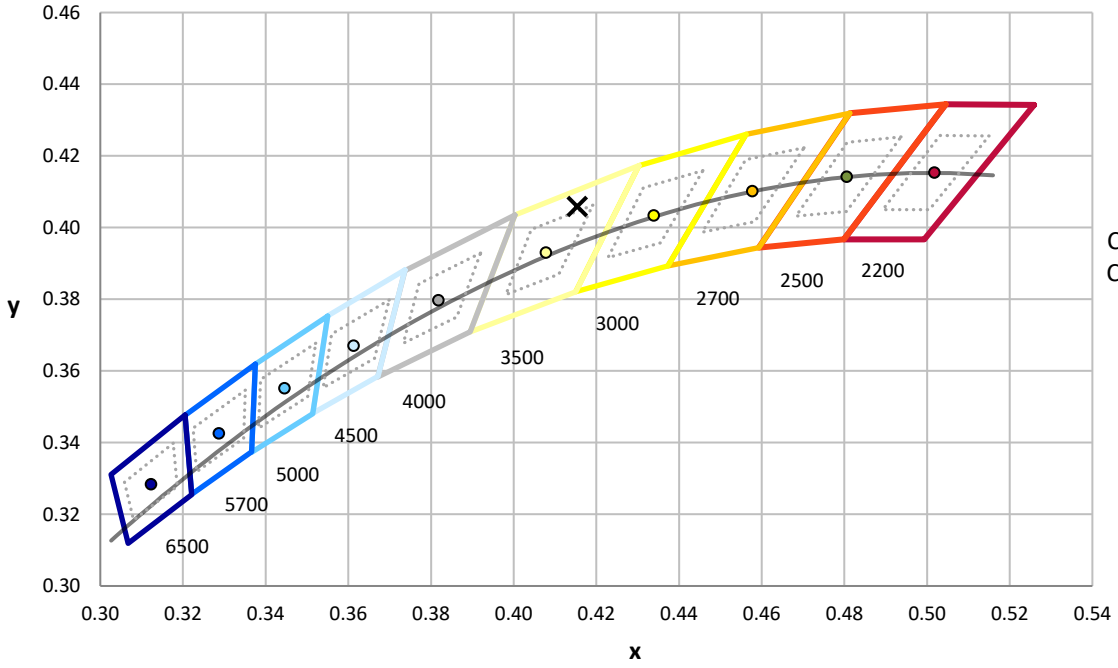
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

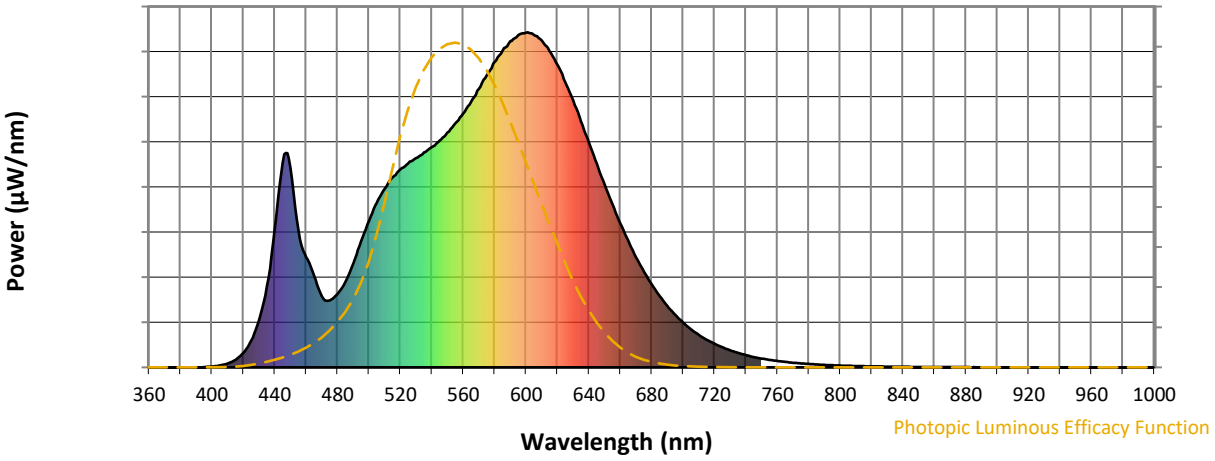


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

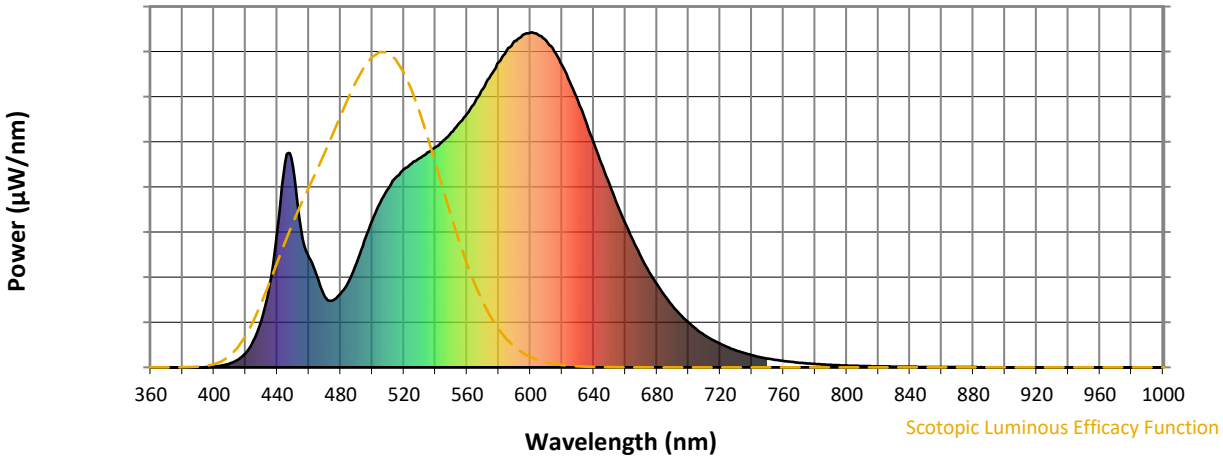


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength

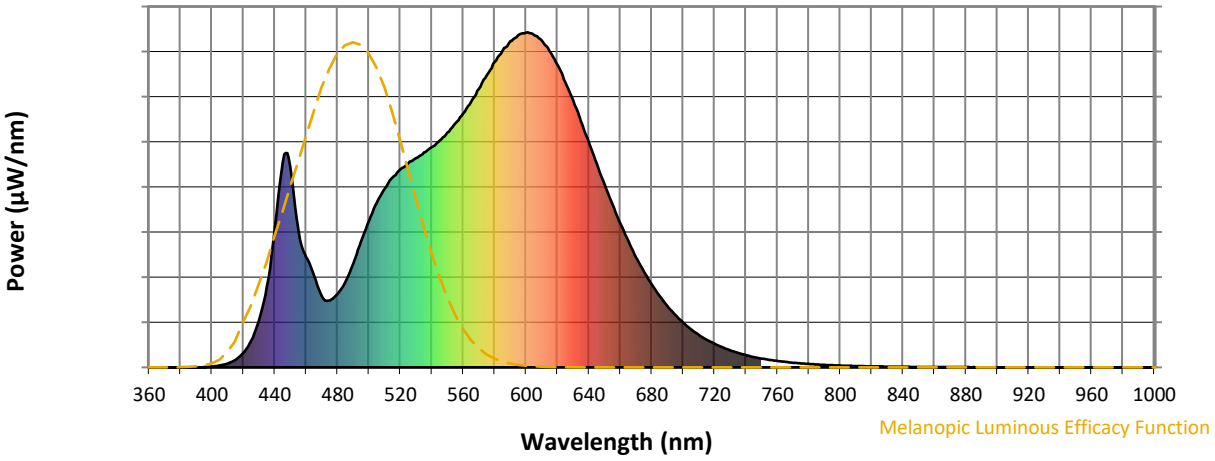


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

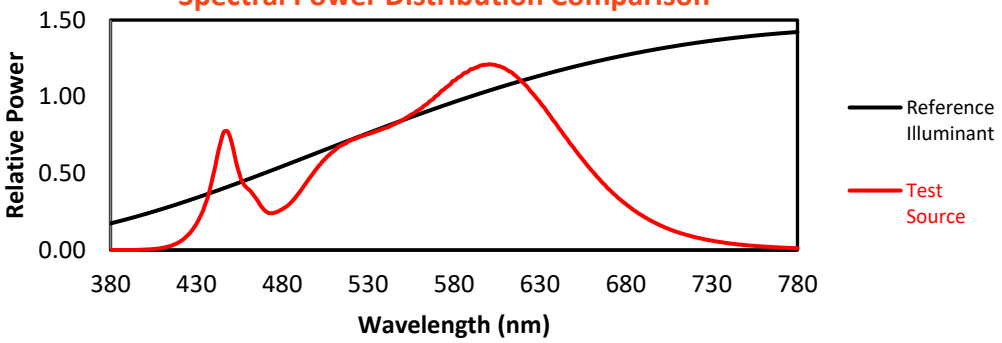
REPORT NUMBER: SP1-2407-184-10

TM-30-18

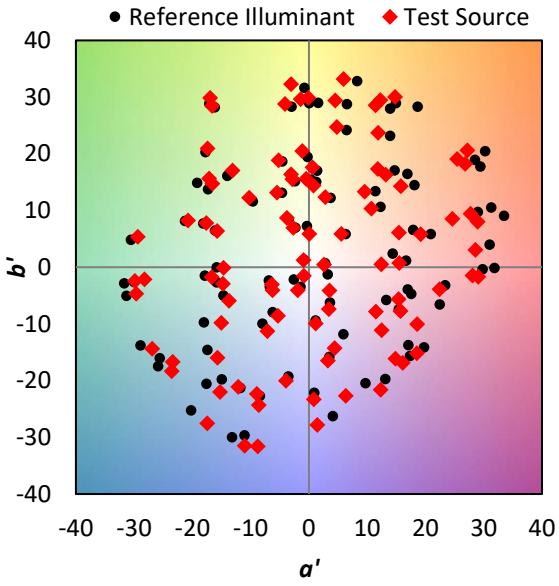
Summary

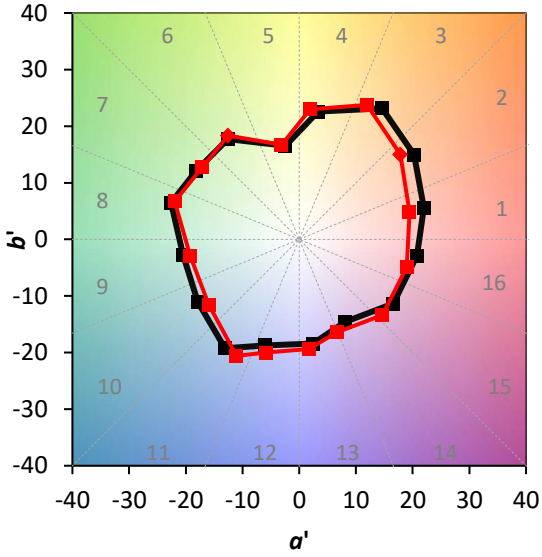
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

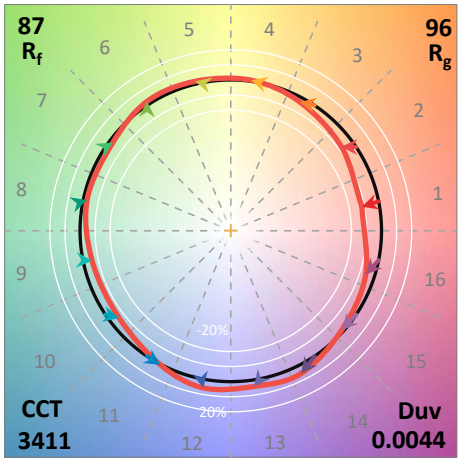
Spectral Power Distribution Comparison

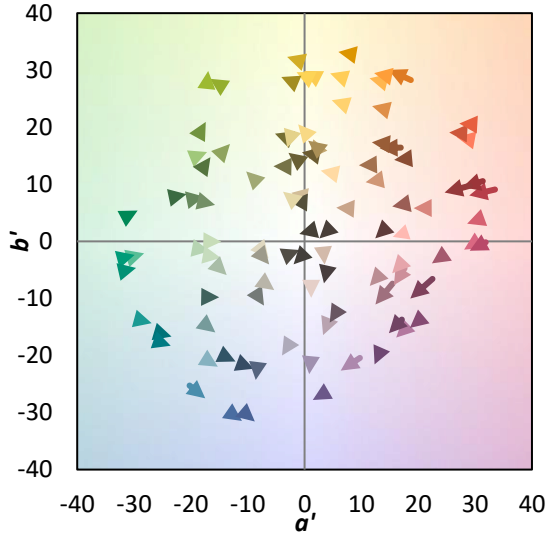


Color Vector Graphics







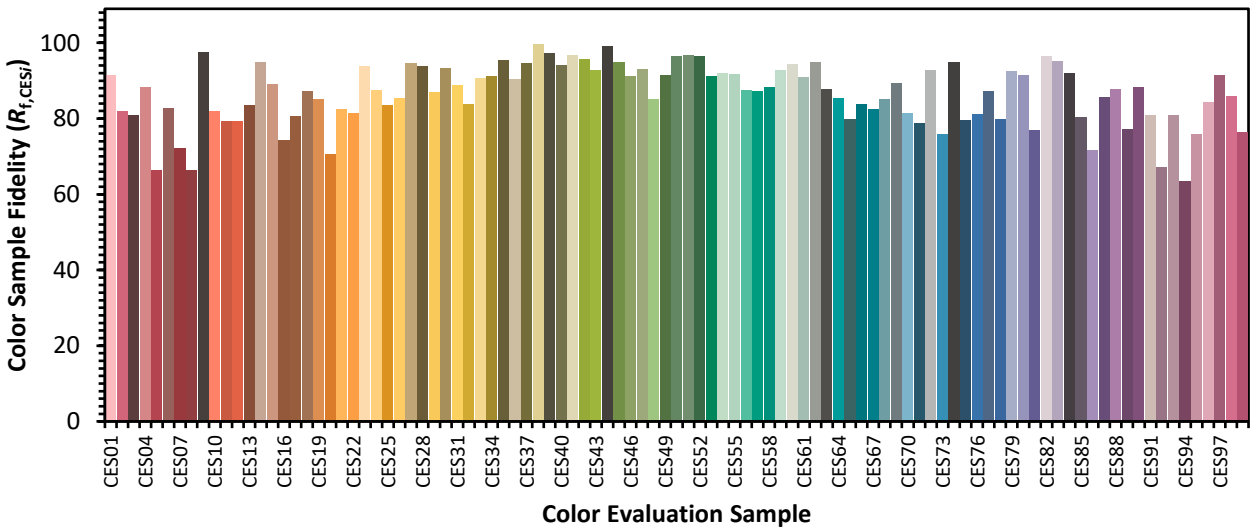


REPORT NUMBER: SP1-2407-184-10

TM-30-18

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

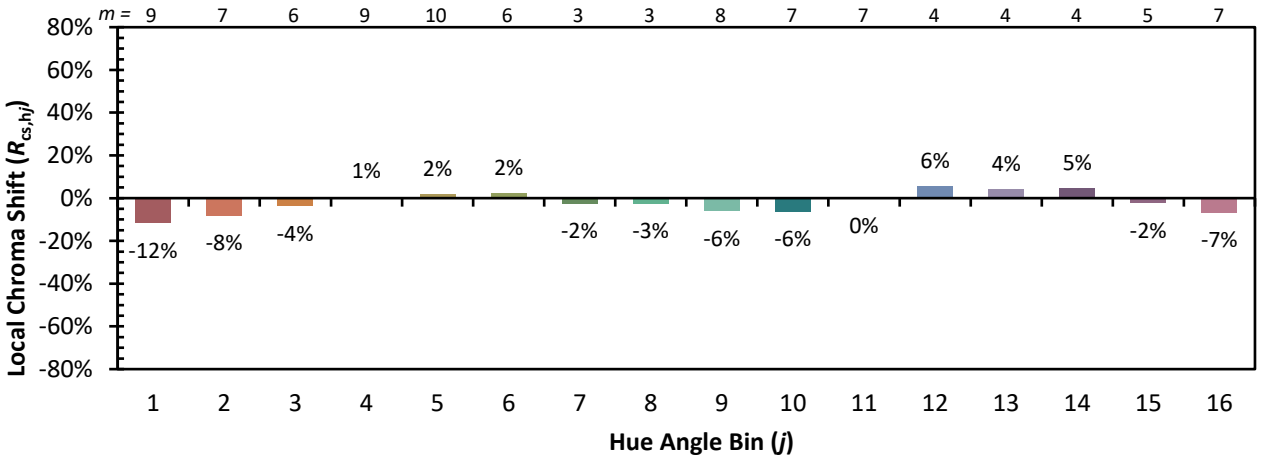
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

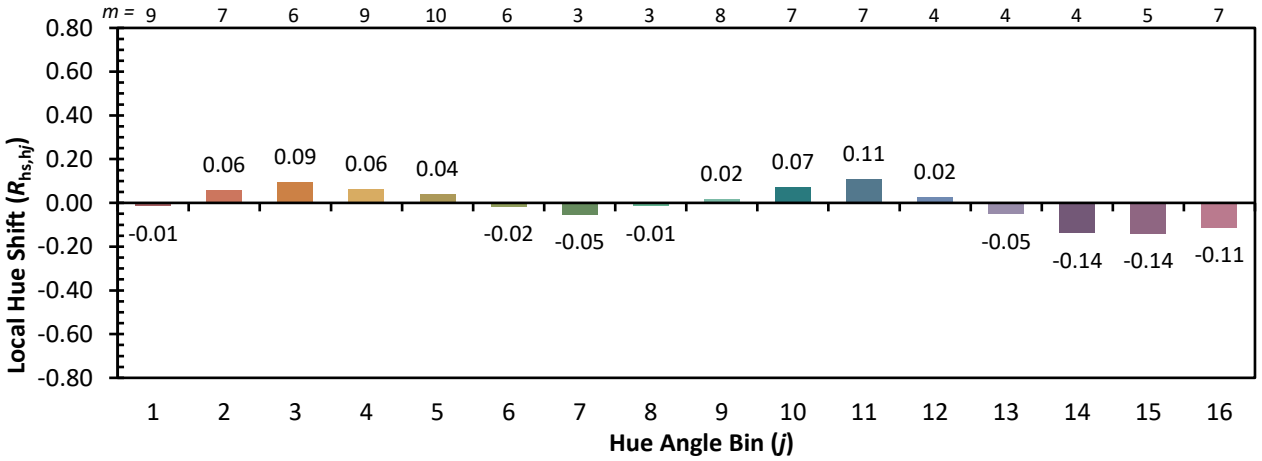


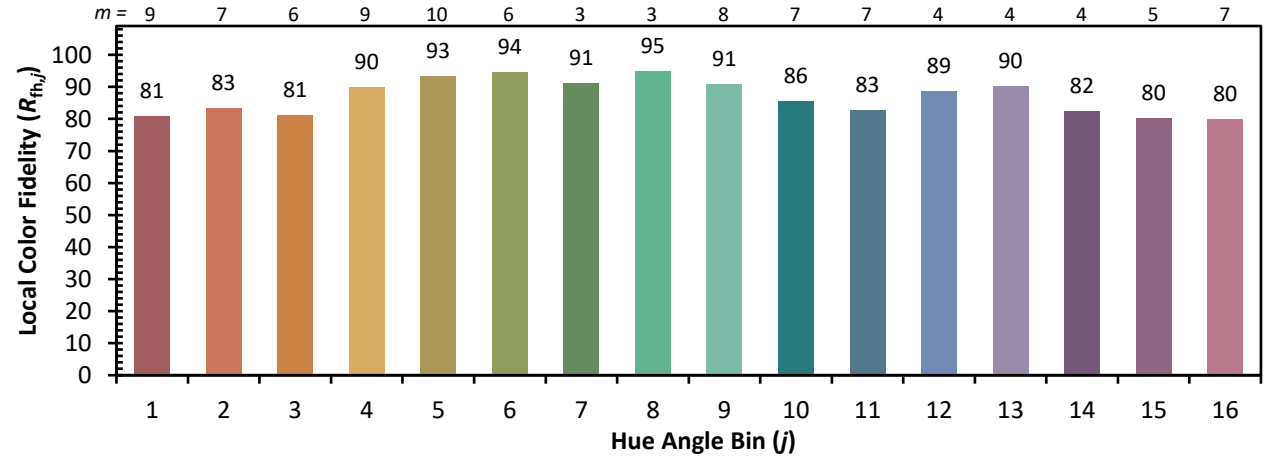
REPORT NUMBER: SP1-2407-184-10

TM-30-18

Color Rendition by Hue-Angle Bin



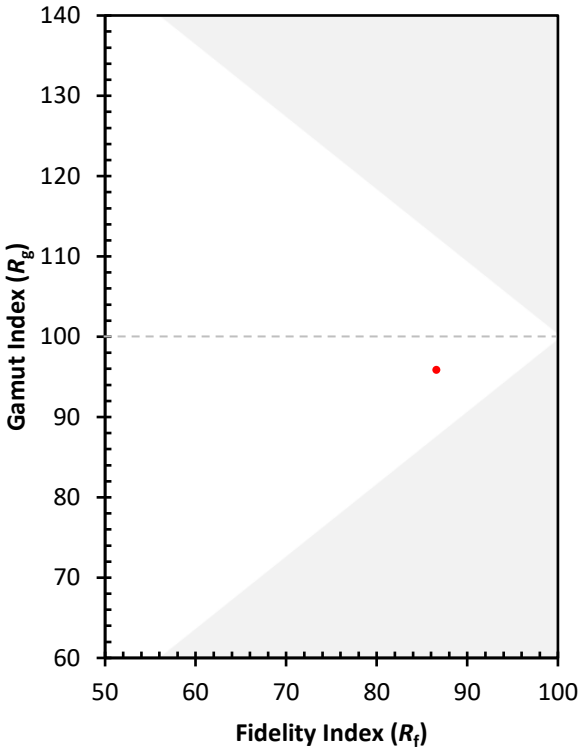


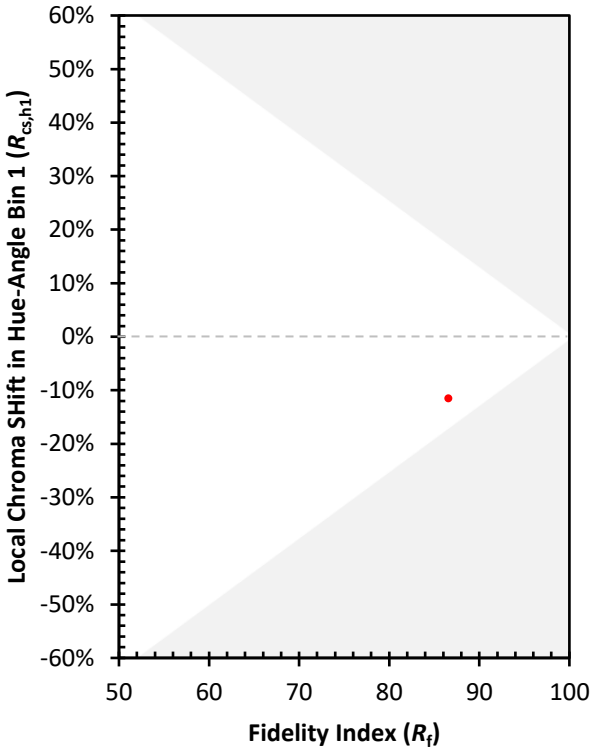


REPORT NUMBER: SP1-2407-184-10

TM-30-18

Measure Comparisons





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