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: P1502671

Luminaire Tested: GSS-SB1C-830-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:	P1502671
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4900 lumens
Efficiency:	N/A
Efficacy:	94.2 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

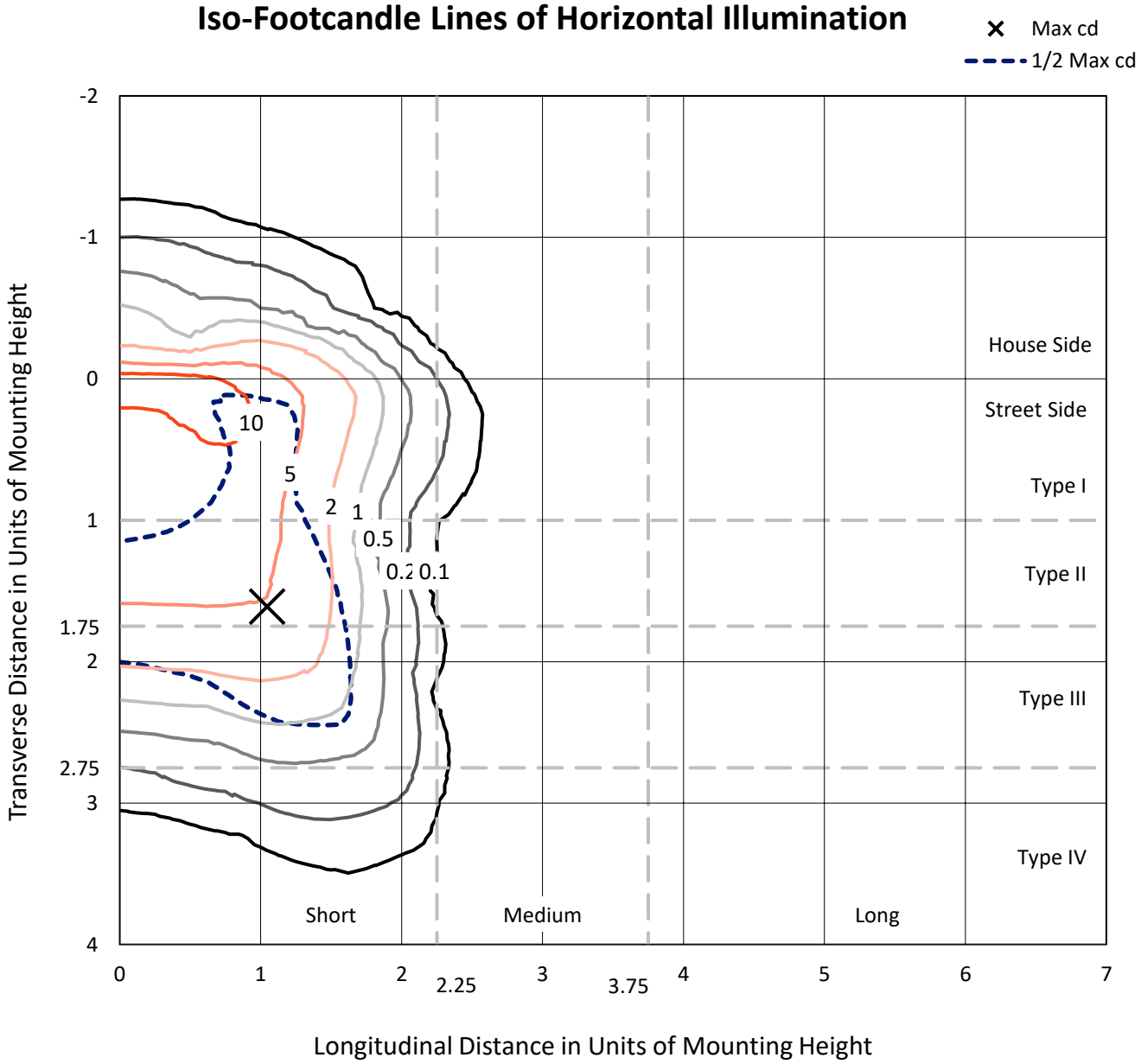
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502671
CATALOG NUMBER: GSS-SB1C-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



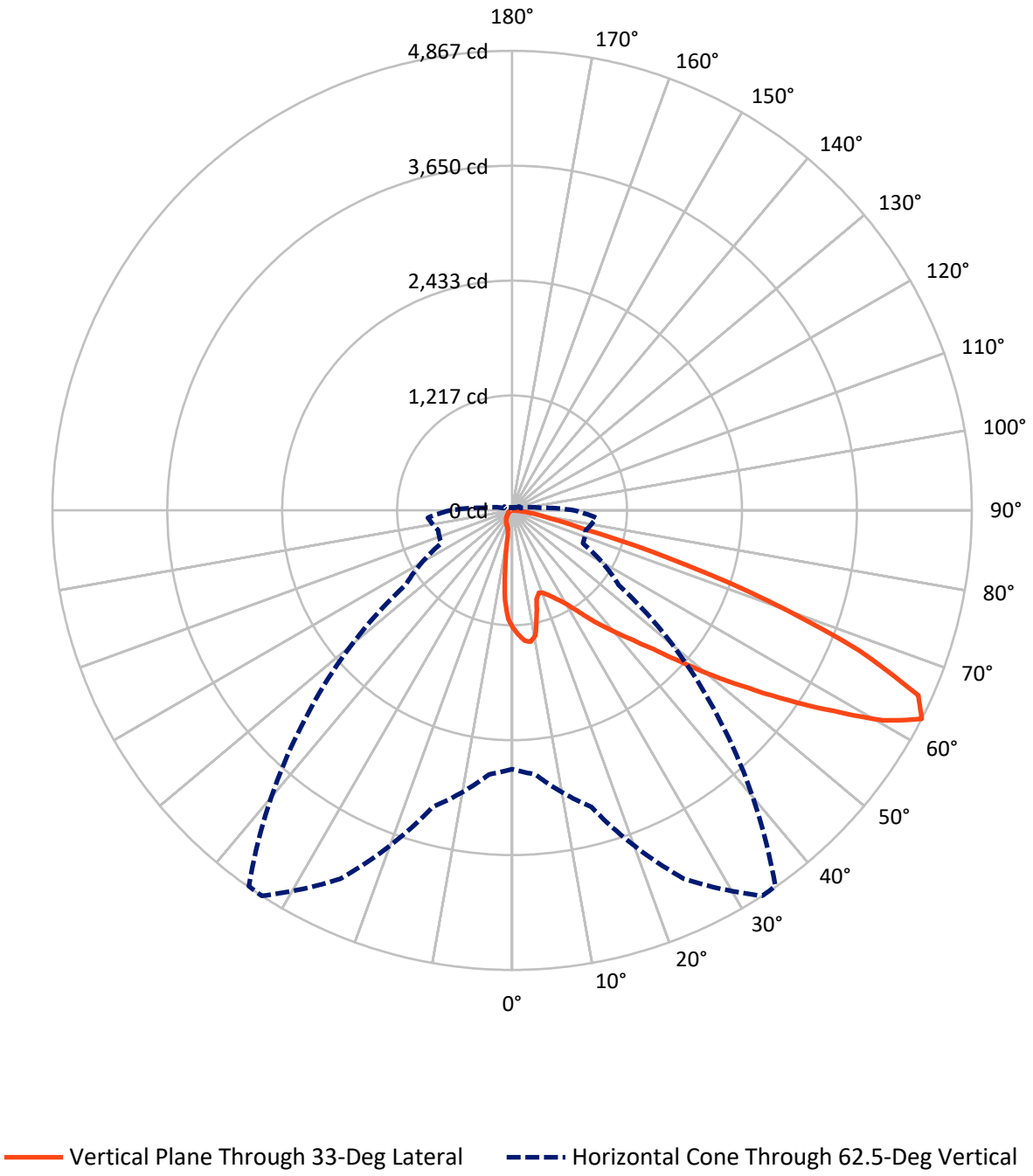
Based on 10 foot mounting height. Maximum calculated value = 14.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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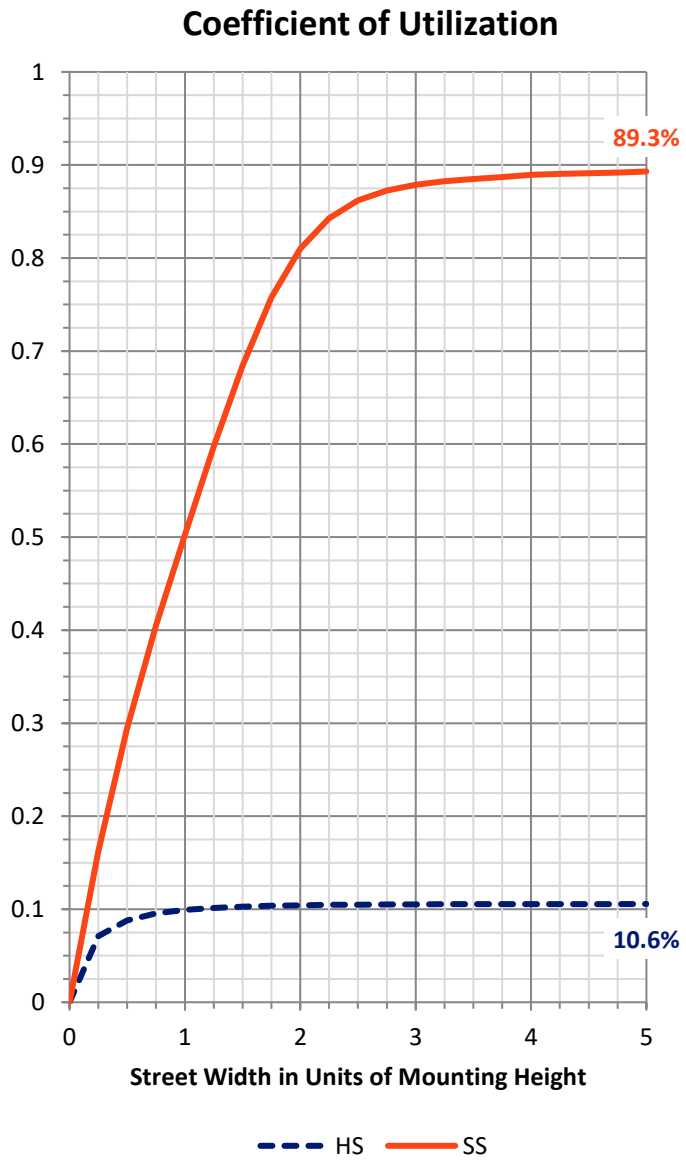
REPORT NUMBER: P1502671
CATALOG NUMBER: GSS-SB1C-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	521.4	0.0	521.4
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	4378.6	0.0	4378.6
	% Fixture	89.4	0.0	89.4
Total	Lumens	4900.0	0.0	4900.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.8	2.2
10°-20°	236.1	4.8
20°-30°	380.6	7.8
30°-40°	633.1	12.9
40°-50°	1000.7	20.4
50°-60°	1344.4	27.4
60°-70°	986.9	20.1
70°-80°	195.3	4.0
80°-90°	17.0	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°	4900.0	100.0
0°-180°	4900.0	100.0



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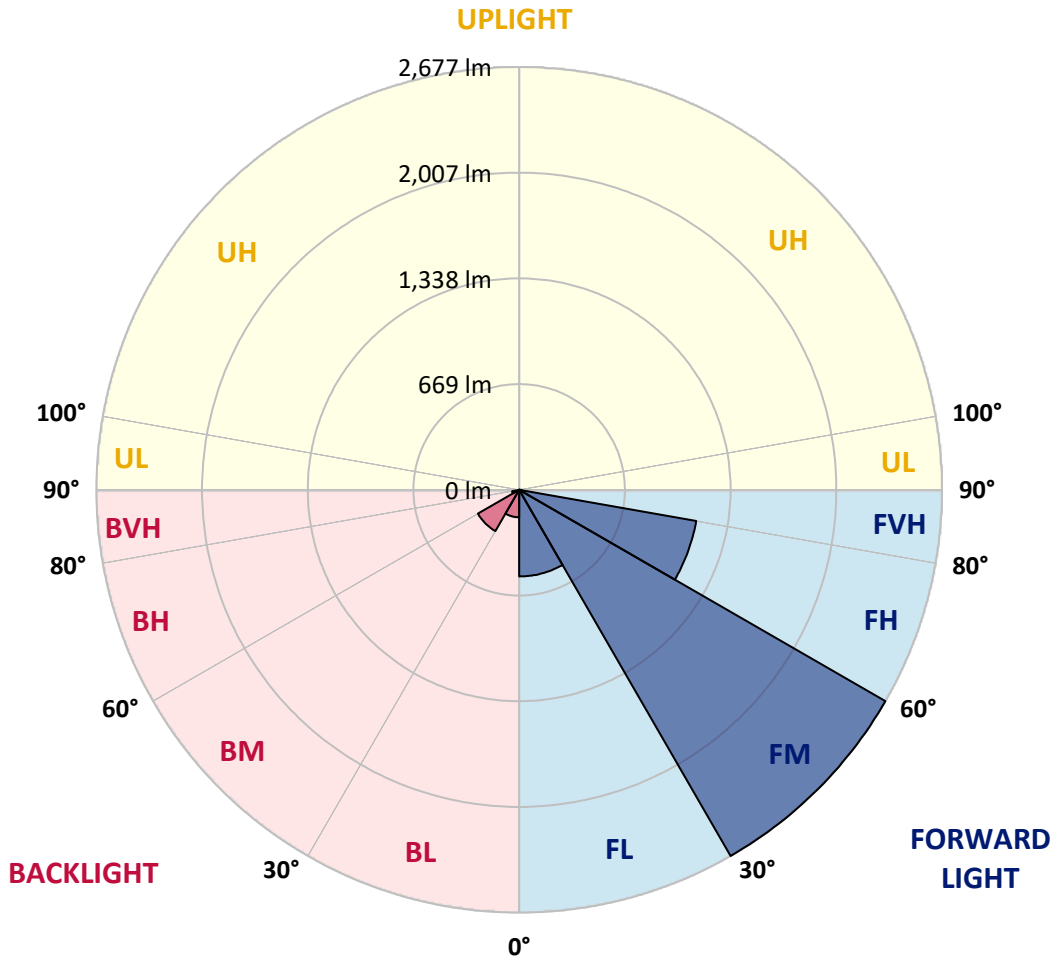
Scaled Data Report

REPORT NUMBER: P1502671
CATALOG NUMBER: GSS-SB1C-830-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	548.6	11.2			
FM	(30°-60°)	2676.6	54.6			
FH	(60°-80°)	1137.7	23.2			G1/1800
FVH	(80°-90°)	15.7	0.3			G1/100
BL	(0°-30°)	174.0	3.6	B1/500		
BM	(30°-60°)	301.6	6.2	B1/1000		
BH	(60°-80°)	44.5	0.9	B0/110		G0/110
BVH	(80°-90°)	1.3	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°	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7
2.5°	1326.1	1331.6	1331.6	1320.6	1317.8	1312.3	1306.8	1305.4	1287.4	1273.6	1259.8
5°	1393.7	1392.3	1390.9	1385.4	1386.8	1379.9	1375.8	1368.9	1338.5	1317.8	1280.5
7.5°	1364.7	1377.1	1382.7	1397.8	1404.7	1403.3	1414.4	1417.1	1390.9	1362.0	1305.4
10°	1175.7	1168.8	1218.4	1283.3	1348.2	1363.3	1422.7	1454.4	1444.7	1418.5	1345.4
12.5°	931.4	938.3	972.8	1048.7	1155.0	1188.1	1359.2	1484.8	1512.4	1495.8	1400.6
15°	852.8	852.8	870.7	906.6	970.1	1001.8	1212.9	1480.6	1584.1	1585.5	1469.6
17.5°	836.2	839.0	854.2	877.6	919.0	932.8	1080.5	1419.9	1654.5	1679.3	1546.9
20°	839.0	843.1	859.7	892.8	932.8	949.4	1046.0	1342.6	1713.8	1781.4	1628.3
22.5°	848.6	847.3	876.2	920.4	971.4	986.6	1074.9	1310.9	1763.5	1898.7	1723.5
25°	859.7	861.1	898.3	960.4	1022.5	1040.4	1139.8	1339.9	1799.4	2024.3	1820.1
27.5°	892.8	896.9	942.5	1010.1	1083.2	1106.7	1224.0	1415.8	1861.5	2145.7	1924.9
30°	943.8	948.0	1000.4	1081.8	1160.5	1196.4	1328.8	1511.0	1953.9	2286.5	2032.6
32.5°	1003.2	1008.7	1076.3	1170.1	1265.4	1299.9	1448.9	1655.9	2076.7	2430.0	2144.4
35°	1077.7	1092.9	1166.0	1277.8	1406.1	1439.2	1596.5	1820.1	2236.8	2558.3	2239.6
37.5°	1179.8	1192.2	1281.9	1421.3	1551.0	1595.2	1762.1	1992.6	2381.7	2672.8	2316.8
40°	1304.0	1315.0	1415.8	1567.6	1702.8	1740.0	1936.0	2166.4	2537.6	2736.3	2333.4
42.5°	1511.0	1541.3	1604.8	1733.1	1878.0	1924.9	2129.2	2334.8	2650.8	2748.7	2307.2
45°	1872.5	1882.2	1896.0	1956.7	2096.1	2137.5	2333.4	2481.0	2718.4	2751.5	2283.7
47.5°	2218.9	2252.0	2271.3	2298.9	2383.1	2398.3	2547.3	2612.1	2772.2	2741.8	2283.7
50°	2565.2	2590.1	2623.2	2656.3	2746.0	2751.5	2773.6	2700.4	2775.0	2663.2	2269.9
52.5°	2879.8	2888.1	2944.7	3008.2	3119.9	3150.3	2983.3	2765.3	2608.0	2414.8	2205.1
55°	3161.3	3172.4	3257.9	3387.6	3547.7	3587.7	3240.0	2639.7	2250.6	2093.3	2054.7
57.5°	3343.5	3369.7	3540.8	3826.4	4007.2	3989.3	3438.7	2345.8	1807.7	1712.4	1788.3
60°	3252.4	3288.3	3648.4	4194.9	4516.4	4463.9	3383.5	1930.5	1335.7	1266.7	1415.8
62.5°	2740.5	2806.7	3252.4	4303.9	4866.9	4858.6	3071.6	1377.1	827.9	810.0	894.2
65°	1905.6	2020.2	2548.7	3939.6	4726.1	4738.5	2585.9	801.7	383.6	476.1	523.0
67.5°	1123.2	1204.6	1642.1	3216.5	3965.8	3851.3	1758.0	371.2	191.8	289.8	277.4
70°	494.0	549.2	941.1	2228.5	2889.5	2704.6	858.3	180.8	146.3	175.2	153.2
72.5°	271.8	296.7	495.4	1177.0	1758.0	1671.0	289.8	120.1	125.6	131.1	110.4
75°	151.8	162.8	260.8	680.3	772.7	718.9	140.7	78.7	106.3	106.3	81.4
77.5°	88.3	98.0	162.8	423.6	423.6	342.2	85.6	49.7	80.0	71.8	44.2
80°	41.4	46.9	89.7	234.6	267.7	220.8	48.3	34.5	52.4	45.5	29.0
82.5°	12.4	15.2	44.2	91.1	151.8	129.7	24.8	22.1	38.6	29.0	16.6
85°	8.3	9.7	22.1	37.3	74.5	64.9	8.3	6.9	16.6	13.8	6.9
87.5°	1.4	1.4	2.8	2.8	2.8	2.8	1.4	1.4	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: P1502671
CATALOG NUMBER: GSS-SB1C-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7	1244.7
2.5°	1251.6	1241.9	1219.8	1199.1	1188.1	1163.2	1153.6	1142.5	1137.0	1135.7	1127.4
5°	1257.1	1239.1	1183.9	1128.8	1070.8	1015.6	959.0	909.3	869.3	870.7	872.1
7.5°	1273.6	1237.8	1141.2	1030.8	906.6	763.1	609.9	495.4	422.2	407.1	393.3
10°	1295.7	1243.3	1088.7	884.5	640.3	402.9	284.3	242.9	224.9	220.8	222.2
12.5°	1337.1	1257.1	1022.5	683.0	354.6	231.8	205.6	198.7	195.9	195.9	195.9
15°	1388.2	1276.4	919.0	447.1	231.8	193.2	187.7	186.3	183.5	183.5	184.9
17.5°	1430.9	1276.4	782.4	291.2	190.4	179.4	175.2	173.9	173.9	175.2	173.9
20°	1477.9	1266.7	629.2	219.4	176.6	167.0	164.2	164.2	164.2	165.6	165.6
22.5°	1526.2	1250.2	487.1	187.7	164.2	155.9	154.5	155.9	157.3	158.7	158.7
25°	1580.0	1229.5	385.0	173.9	153.2	146.3	146.3	146.3	147.6	150.4	151.8
27.5°	1639.3	1211.5	329.8	165.6	143.5	136.6	136.6	138.0	140.7	142.1	143.5
30°	1694.5	1211.5	311.9	169.7	139.4	131.1	128.3	129.7	132.5	135.2	135.2
32.5°	1763.5	1225.3	321.5	187.7	138.0	122.8	120.1	120.1	122.8	124.2	124.2
35°	1821.5	1251.6	354.6	212.5	143.5	115.9	110.4	109.0	111.8	110.4	111.8
37.5°	1868.4	1287.4	415.3	245.6	154.5	107.6	100.7	96.6	96.6	96.6	96.6
40°	1882.2	1323.3	492.6	267.7	153.2	98.0	88.3	84.2	82.8	81.4	81.4
42.5°	1862.9	1339.9	554.7	266.3	136.6	91.1	78.7	73.1	69.0	67.6	67.6
45°	1847.7	1348.2	576.8	231.8	124.2	82.8	70.4	63.5	59.3	58.0	56.6
47.5°	1849.1	1356.4	543.7	189.0	113.2	75.9	63.5	56.6	52.4	51.1	49.7
50°	1854.6	1342.6	460.9	157.3	103.5	69.0	56.6	51.1	46.9	45.5	44.2
52.5°	1796.6	1269.5	324.3	138.0	95.2	64.9	51.1	46.9	42.8	41.4	41.4
55°	1644.8	1094.3	219.4	122.8	88.3	59.3	46.9	44.2	40.0	37.3	37.3
57.5°	1402.0	825.2	151.8	111.8	77.3	53.8	44.2	40.0	35.9	33.1	33.1
60°	1072.2	538.2	110.4	102.1	63.5	49.7	41.4	38.6	33.1	30.4	29.0
62.5°	*652.7*	*302.2*	*89.7*	*89.7*	*53.8*	*46.9*	*37.3*	*34.5*	*29.0*	*24.8*	*23.5*
65°	378.1	178.0	73.1	75.9	46.9	42.8	33.1	29.0	23.5	19.3	17.9
67.5°	182.1	103.5	58.0	53.8	41.4	35.9	29.0	24.8	20.7	16.6	15.2
70°	111.8	80.0	44.2	38.6	33.1	27.6	23.5	22.1	17.9	13.8	13.8
72.5°	91.1	64.9	34.5	27.6	24.8	19.3	19.3	17.9	13.8	11.0	9.7
75°	71.8	48.3	26.2	19.3	15.2	15.2	13.8	12.4	11.0	8.3	8.3
77.5°	38.6	33.1	19.3	11.0	8.3	9.7	9.7	8.3	6.9	5.5	5.5
80°	24.8	19.3	11.0	5.5	5.5	5.5	5.5	4.1	4.1	2.8	2.8
82.5°	12.4	9.7	5.5	1.4	2.8	2.8	2.8	2.8	2.8	1.4	1.4
85°	2.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
87.5°	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4	1.4	1.4
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

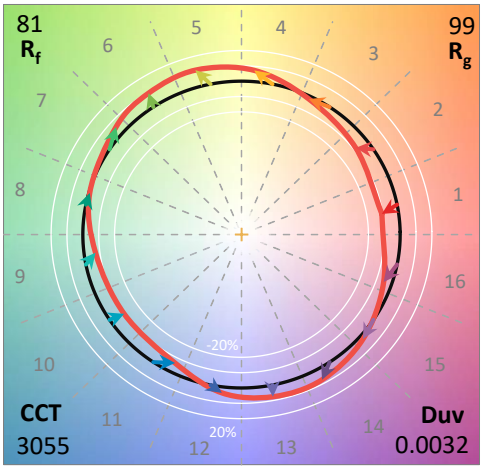
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

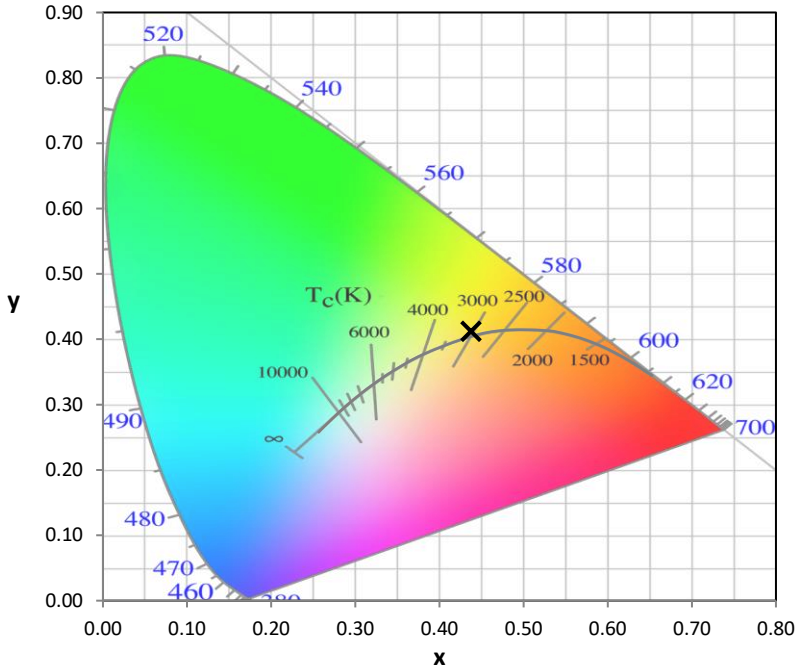
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

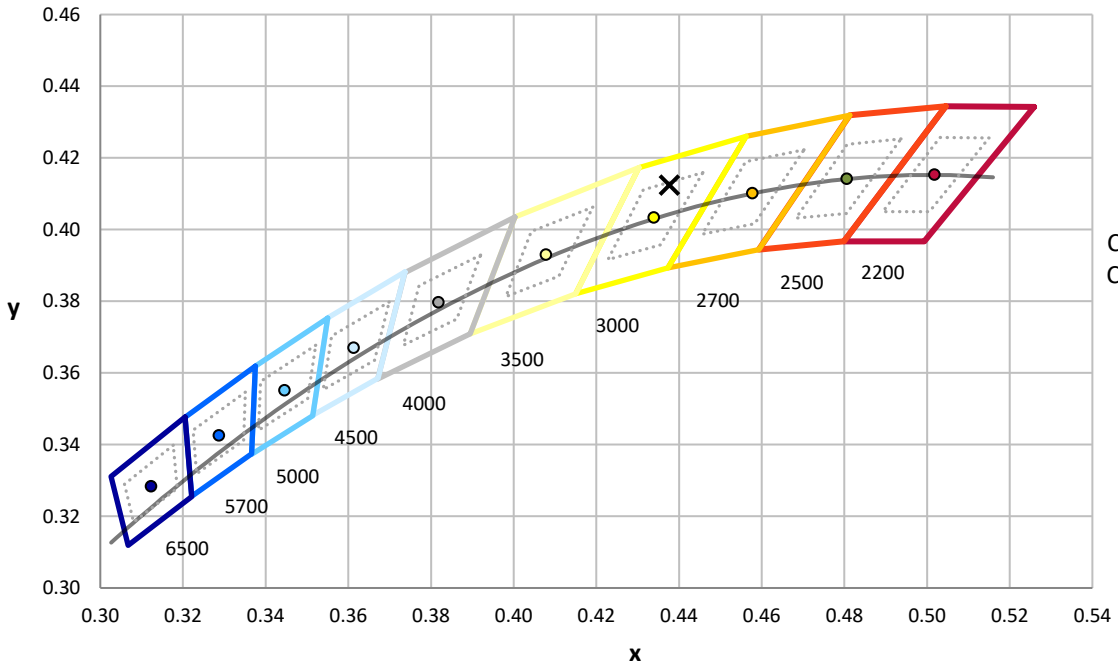
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

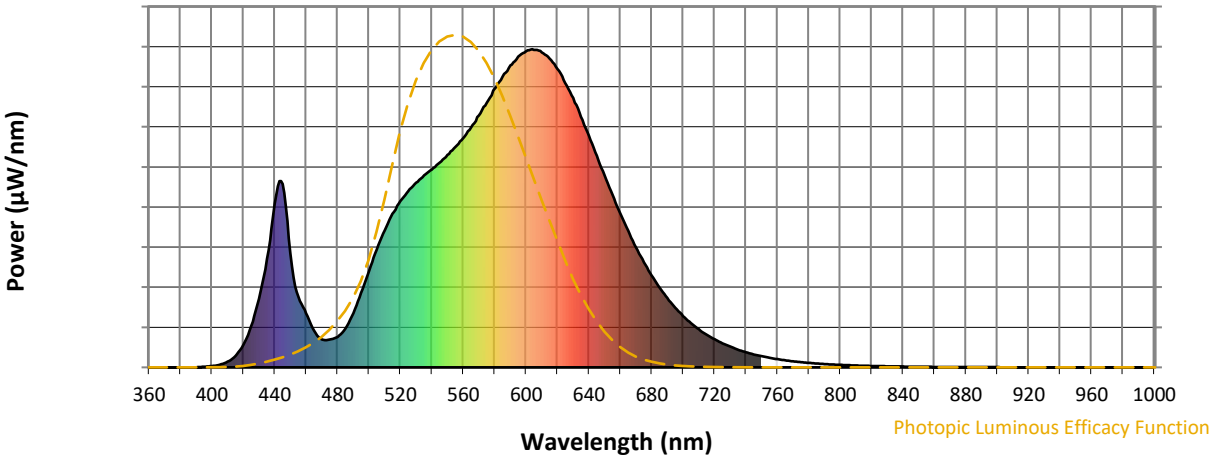


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

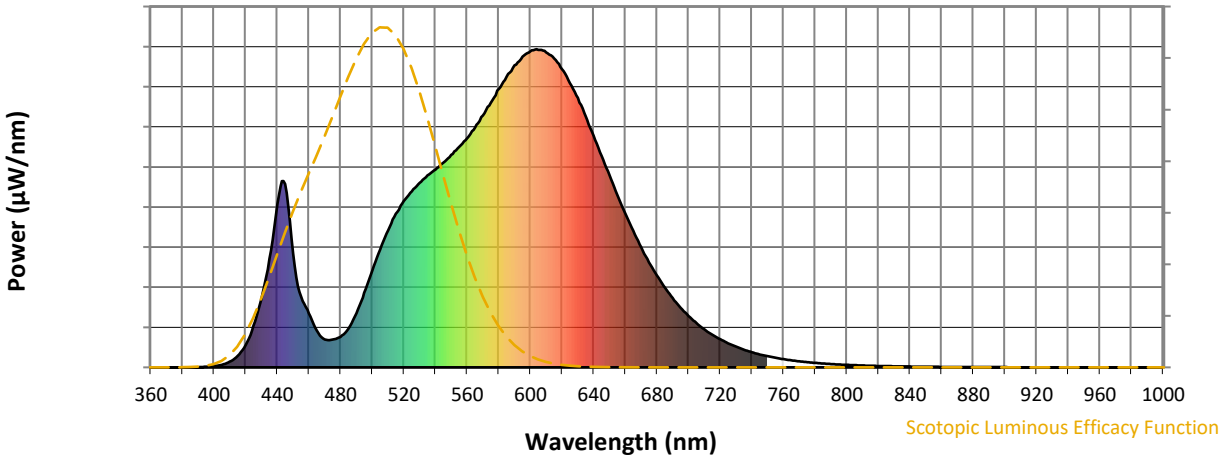


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength

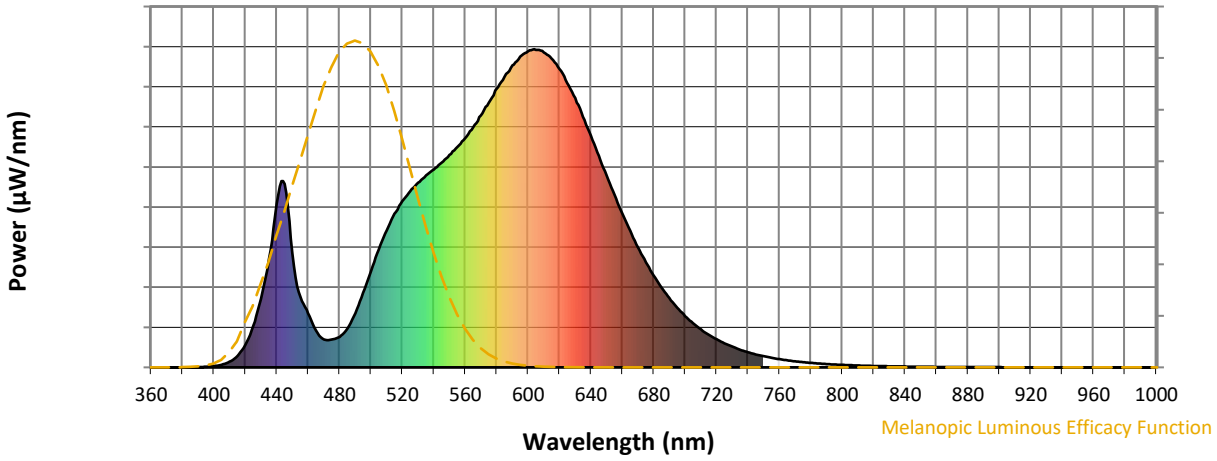


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

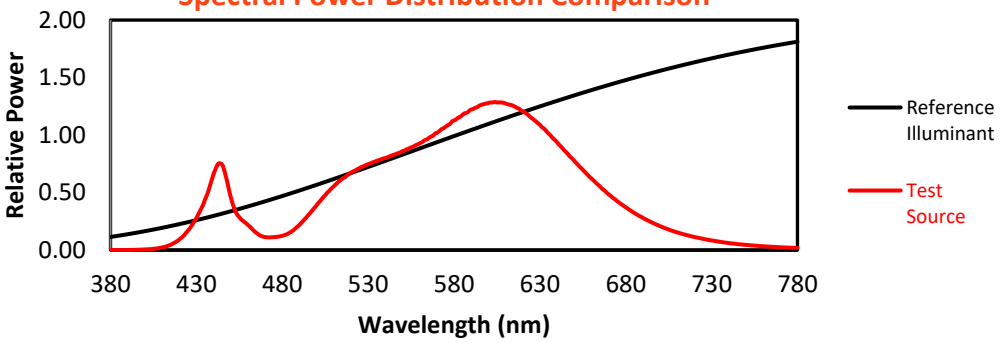
REPORT NUMBER: SP1-2407-184-9

TM-30-18

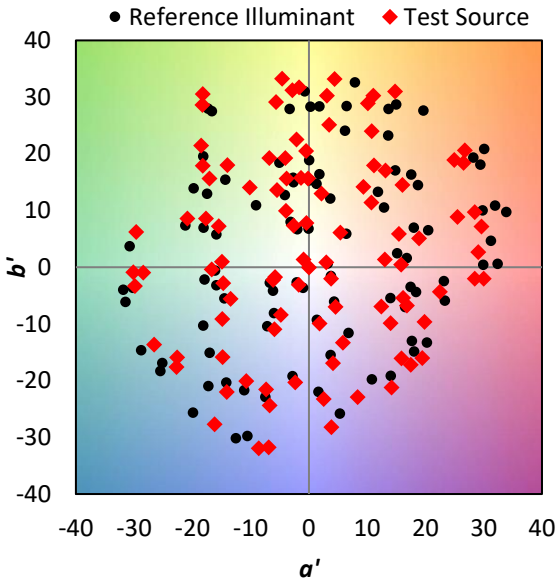
Summary

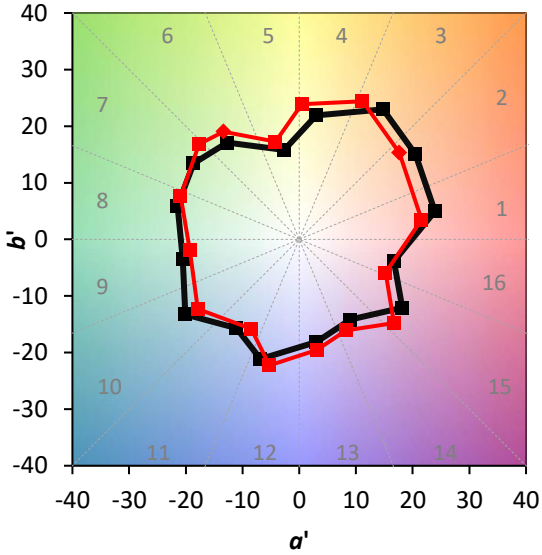
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

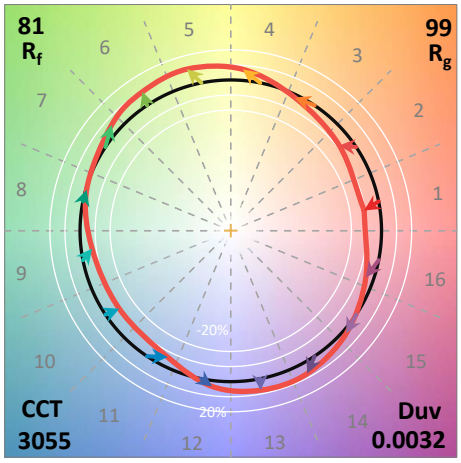
Spectral Power Distribution Comparison

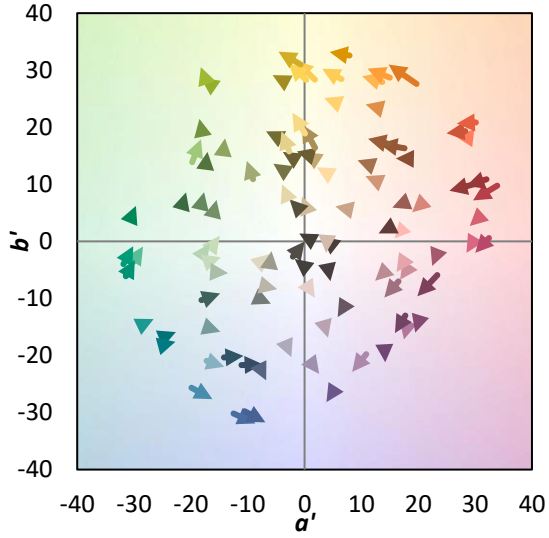


Color Vector Graphics







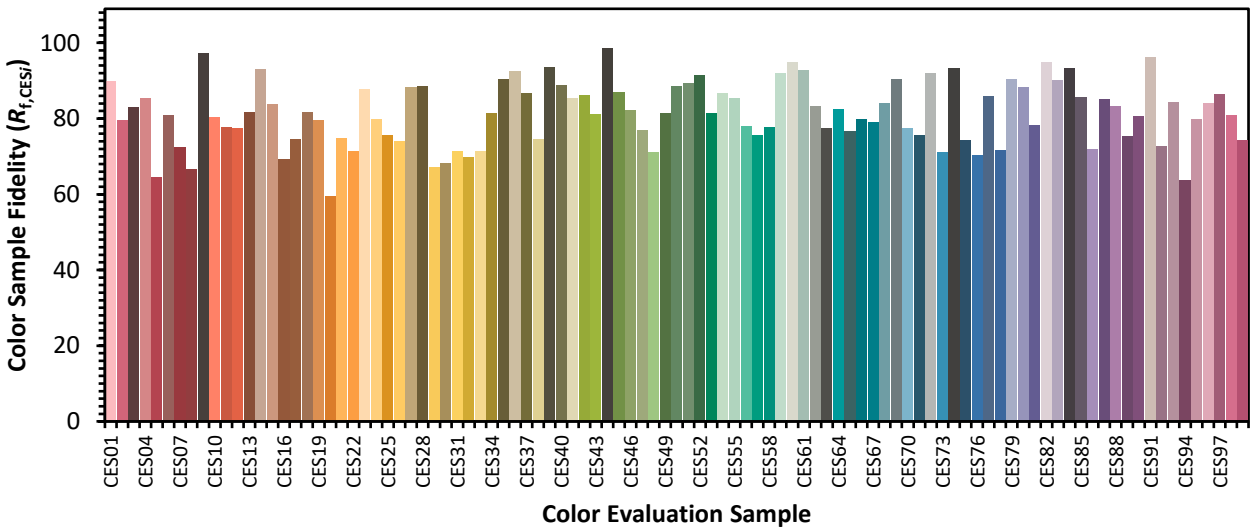


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

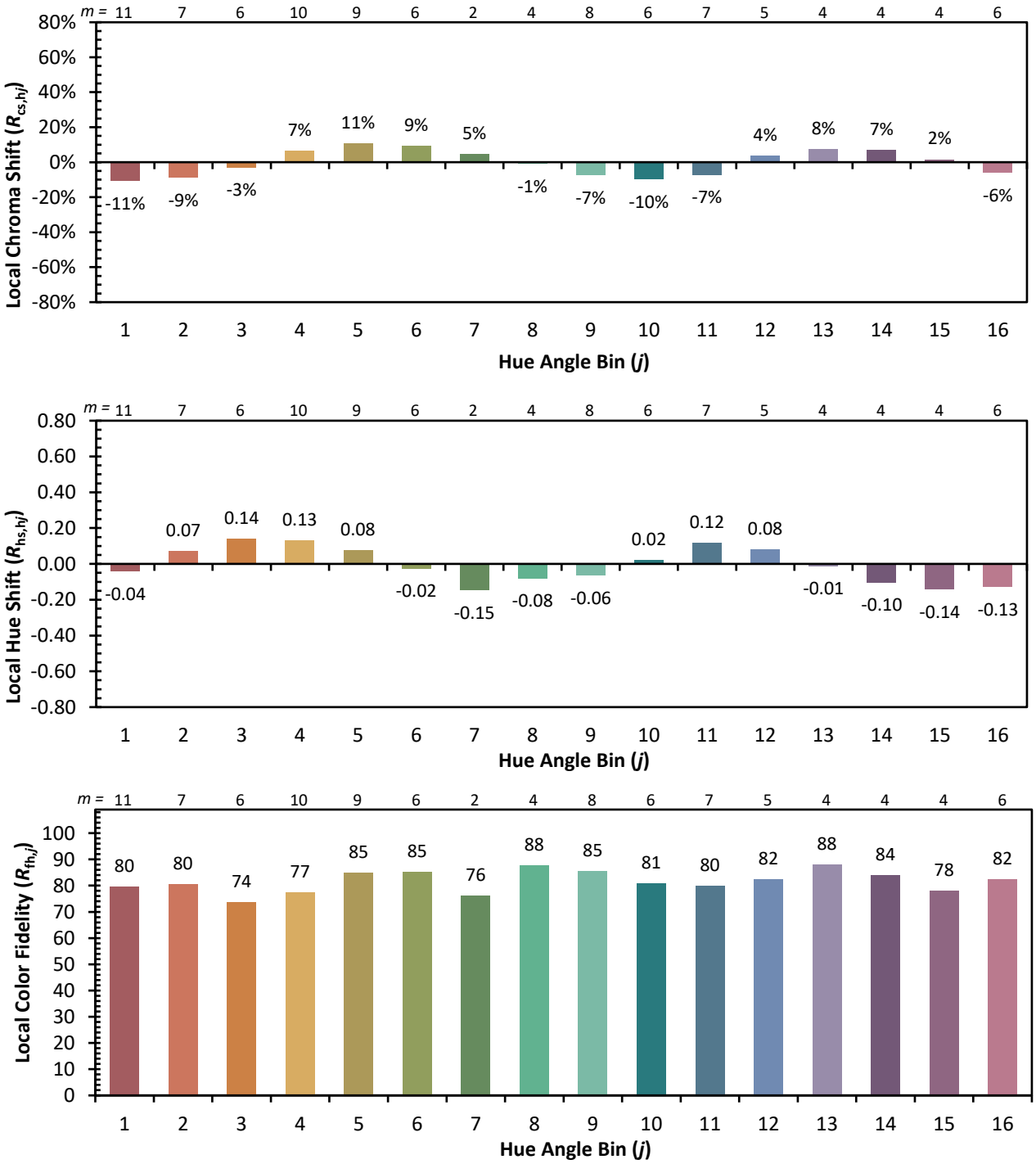
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



REPORT NUMBER: SP1-2407-184-9

TM-30-18

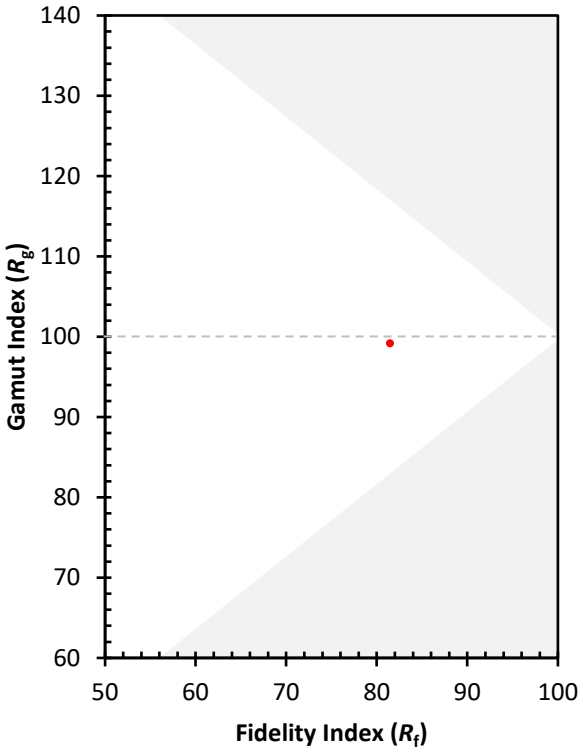
Color Rendition by Hue-Angle Bin

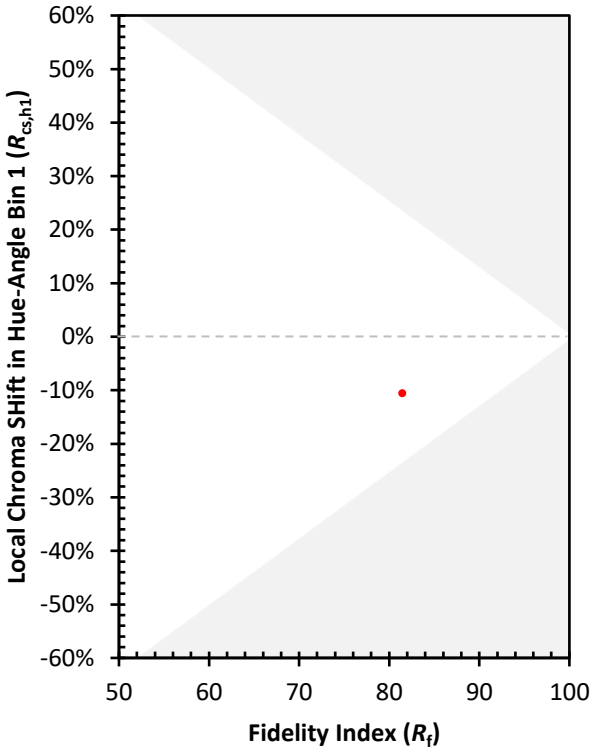


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





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