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: P1202003

Luminaire Tested: GWC-SB1C-830-U-T4W

Issue Date: 10/30/2025

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:	P1202003
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-830-U-T4W
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6752 lumens
Efficiency:	N/A
Efficacy:	124.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

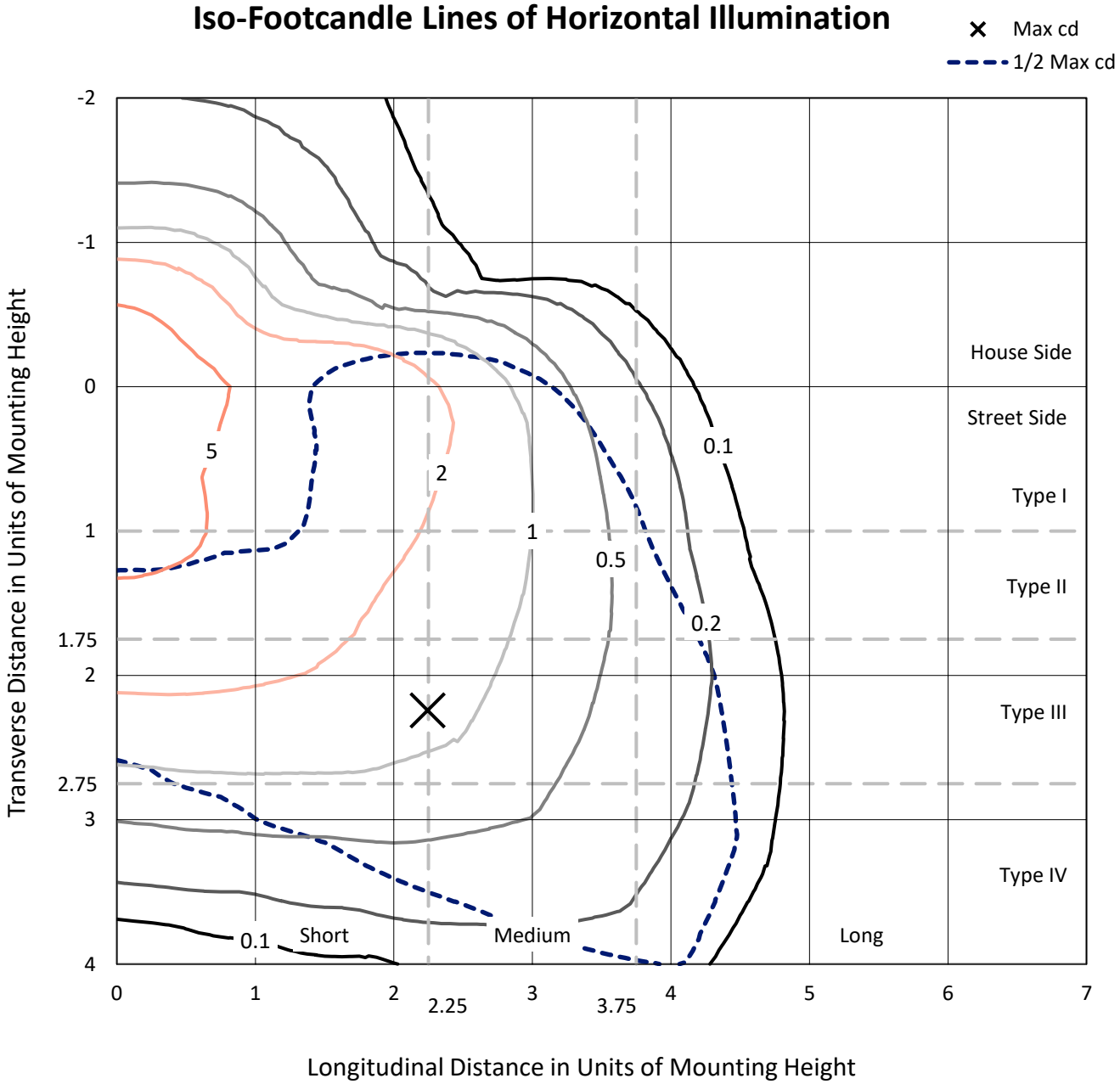


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Scaled Data Report

REPORT NUMBER: P1202003
CATALOG NUMBER: GWC-SB1C-830-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



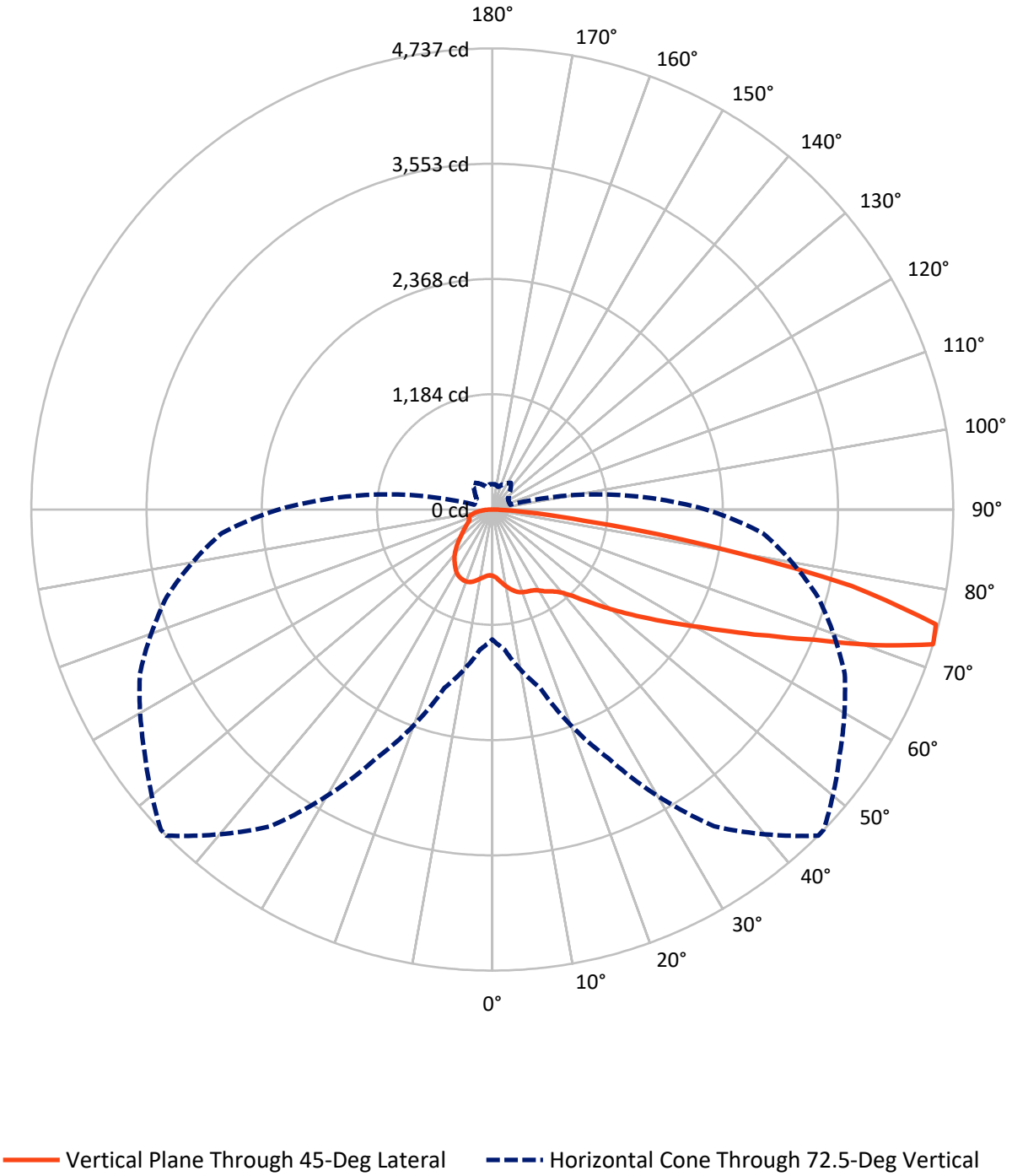
Based on 10 foot mounting height. Maximum calculated value = 7.8 fc
Type IV - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1202003
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Luminous Intensity Polar Plot



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Scaled Data Report

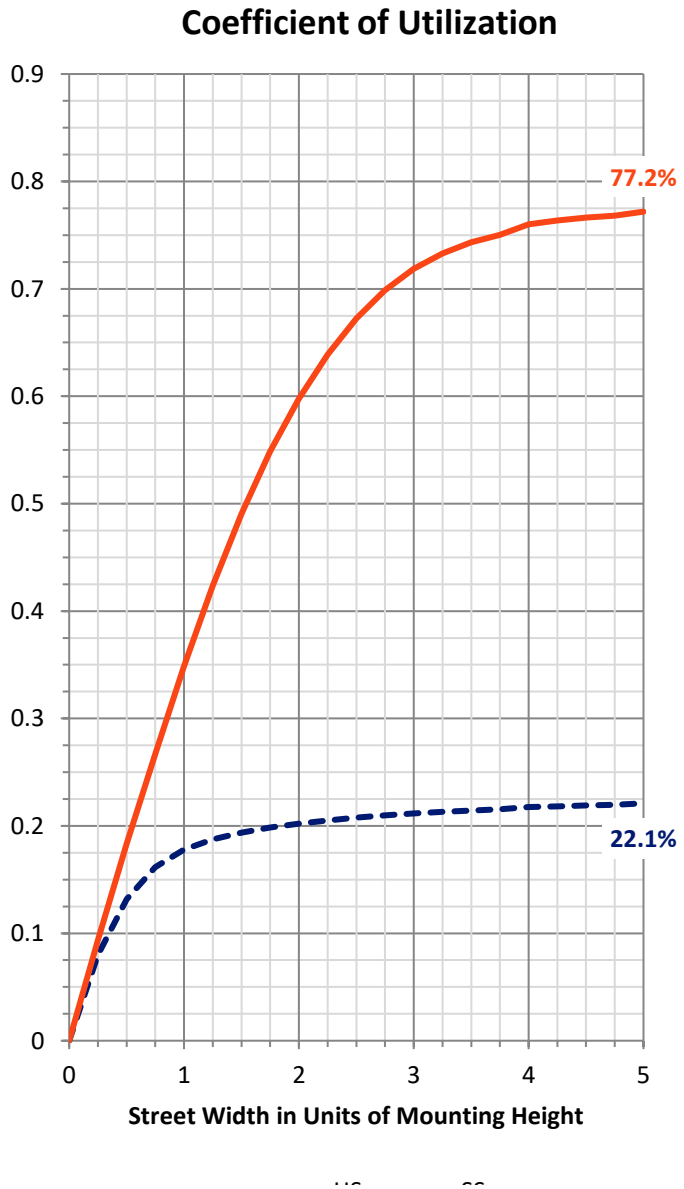
REPORT NUMBER: P1202003
CATALOG NUMBER: GWC-SB1C-830-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1526.4	0.0	1526.4
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	5225.6	0.0	5225.6
	% Fixture	77.4	0.0	77.4
Total	Lumens	6752.0	0.0	6752.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.3	1.0
10°-20°	231.1	3.4
20°-30°	402.1	6.0
30°-40°	576.4	8.5
40°-50°	811.6	12.0
50°-60°	1243.2	18.4
60°-70°	1800.9	26.7
70°-80°	1438.2	21.3
80°-90°	179.1	2.7
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°	6752.0	100.0
0°-180°	6752.0	100.0



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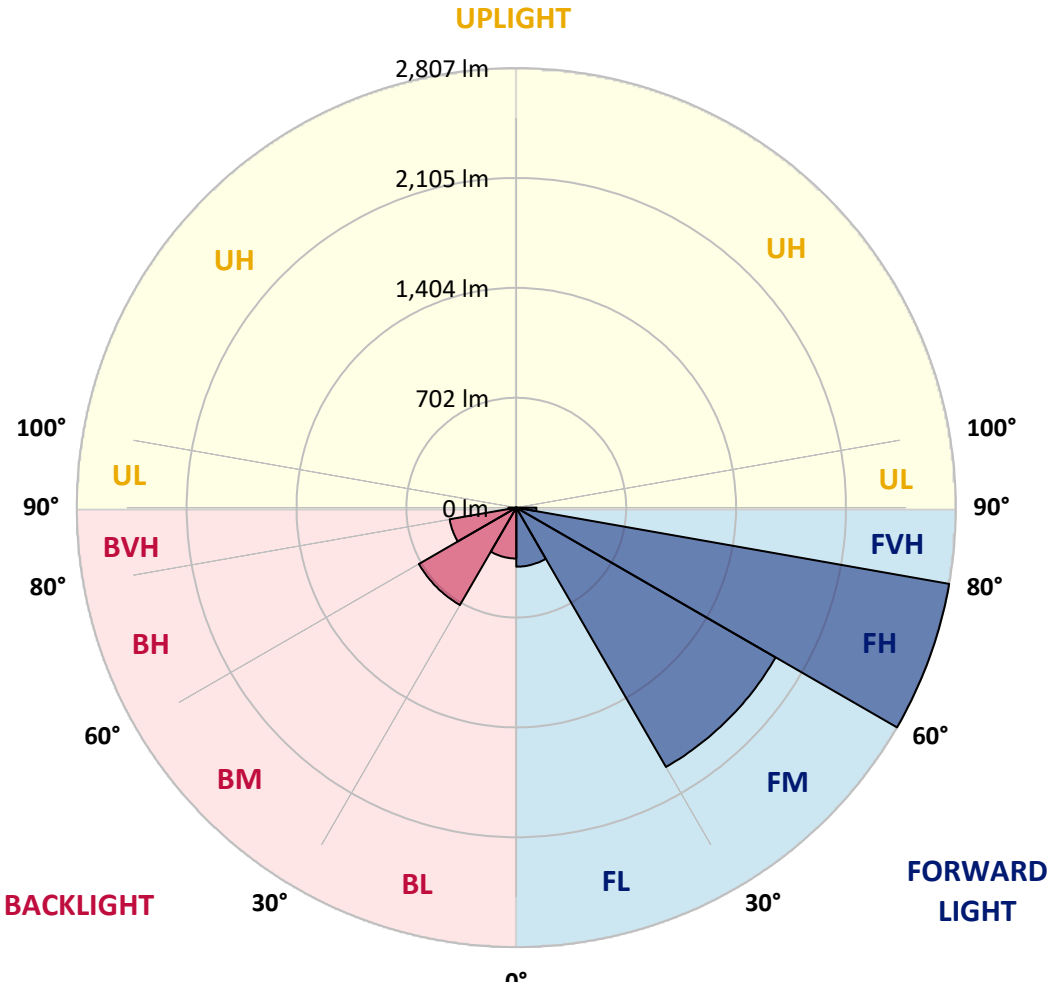
Scaled Data Report

REPORT NUMBER: P1202003
CATALOG NUMBER: GWC-SB1C-830-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	377.6	5.6			
FM	(30°-60°)	1912.5	28.3			
FH	(60°-80°)	2807.0	41.6			G2/5000
FVH	(80°-90°)	128.5	1.9			G2/225
BL	(0°-30°)	325.0	4.8	B1/500		
BM	(30°-60°)	718.7	10.6	B1/1000		
BH	(60°-80°)	432.1	6.4	B1/500		G1/500
BVH	(80°-90°)	50.6	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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Scaled Data Report

REPORT NUMBER: P1202003
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°	85°
0°	681.1	681.1	681.1	681.1	681.1	681.1	681.1	681.1	681.1	681.1	681.1
2.5°	707.8	712.4	708.2	704.3	702.5	697.9	697.5	694.7	692.9	687.9	686.5
5°	757.3	763.3	756.2	748.4	741.3	729.9	728.5	720.3	711.0	700.4	694.3
7.5°	813.1	818.4	810.3	798.5	786.1	767.2	766.9	751.9	737.3	719.2	708.9
10°	861.8	868.9	857.9	841.9	826.3	804.9	802.4	785.4	766.9	743.4	727.7
12.5°	904.9	909.9	899.2	879.6	861.5	840.1	836.9	818.1	797.5	770.8	750.9
15°	939.0	945.4	931.2	910.2	891.0	870.0	867.2	850.1	829.5	801.4	775.8
17.5°	961.4	966.8	952.2	928.7	910.2	892.8	890.6	876.4	858.3	829.8	802.4
20°	970.0	975.7	960.4	936.5	919.5	905.9	904.9	894.6	882.1	856.1	828.4
22.5°	978.5	983.8	963.9	939.0	924.1	915.5	915.2	908.4	903.5	882.1	855.1
25°	1013.0	1014.4	987.7	951.8	930.5	923.0	922.7	922.3	924.4	907.7	883.9
27.5°	1042.9	1042.5	1019.8	986.0	952.9	937.2	936.9	940.4	947.2	933.3	913.8
30°	1086.6	1082.7	1055.7	1020.5	990.2	966.1	963.9	960.7	966.1	955.0	943.6
32.5°	1179.5	1167.0	1123.3	1060.7	1021.2	1002.7	999.8	979.9	982.1	975.3	969.6
35°	1312.5	1296.1	1237.8	1136.8	1059.6	1033.3	1031.9	1006.6	1002.3	996.3	998.4
37.5°	1470.8	1450.5	1382.6	1247.0	1125.8	1068.8	1066.7	1043.9	1026.5	1020.1	1032.2
40°	1629.8	1604.2	1548.0	1381.5	1223.2	1128.2	1121.5	1087.0	1067.1	1056.4	1082.0
42.5°	1784.1	1762.8	1714.8	1532.3	1343.4	1215.0	1200.1	1141.1	1126.1	1116.2	1162.4
45°	1920.7	1901.5	1866.3	1693.4	1484.3	1333.1	1318.5	1222.1	1217.5	1217.5	1284.4
47.5°	2031.7	2027.4	1990.1	1857.8	1650.4	1467.6	1442.3	1334.9	1347.4	1366.6	1457.6
50°	2154.8	2143.0	2103.2	2019.6	1845.7	1621.6	1601.0	1473.3	1519.9	1572.5	1708.0
52.5°	2267.9	2274.3	2229.8	2188.2	2066.2	1793.4	1757.1	1636.5	1737.2	1824.3	2001.5
55°	2384.2	2384.5	2372.1	2366.4	2297.4	1983.3	1943.5	1832.9	1992.9	2101.1	2343.6
57.5°	2493.4	2494.1	2512.6	2562.7	2565.6	2202.4	2157.3	2074.0	2277.1	2387.4	2696.5
60°	2590.8	2595.8	2646.3	2763.7	2801.4	2453.5	2410.9	2358.9	2570.9	2681.9	3067.5
62.5°	2623.6	2641.7	2754.1	2920.9	3034.4	2761.6	2719.6	2688.7	2879.7	2982.8	3377.6
65°	2568.1	2609.7	2827.0	3050.7	3274.1	3127.6	3086.0	3052.2	3200.5	3297.6	3632.3
67.5°	2431.8	2485.6	2822.8	3187.0	3565.1	3567.9	3529.2	3449.8	3544.4	3581.8	3715.2
70°	2073.0	2153.3	2574.1	3237.8	3899.1	4170.1	4132.8	3928.6	3887.7	3707.0	3481.8
72.5°	1335.6	1443.7	1895.5	2819.2	3973.4	4736.7	4734.6	4360.8	3996.2	3463.7	2792.5
75°	487.3	553.5	880.7	1769.6	3335.3	4707.9	4721.8	4286.8	3648.0	2675.5	1739.7
77.5°	177.5	194.2	287.4	680.1	2051.3	3777.4	3806.2	3427.1	2596.5	1342.7	689.3
80°	93.2	102.4	147.3	263.9	878.9	2243.3	2288.5	2036.7	1220.4	404.4	206.7
82.5°	51.6	55.8	82.5	143.3	395.9	959.3	986.3	804.6	429.3	171.4	85.4
85°	27.7	29.5	38.8	78.3	193.5	332.6	340.0	240.4	171.1	100.7	41.3
87.5°	8.2	10.0	12.8	24.9	75.8	74.7	76.5	47.7	67.6	50.9	13.5
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: P1202003
CATALOG NUMBER: GWC-SB1C-830-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	681.1	681.1	681.1	681.1	681.1	681.1	681.1	681.1	681.1	681.1	681.1
2.5°	684.3	683.3	679.4	677.6	675.5	675.1	676.9	677.2	677.6	677.9	679.4
5°	690.7	687.2	683.6	681.5	682.2	682.6	686.1	688.6	690.4	691.8	692.5
7.5°	703.2	700.4	694.3	694.0	695.0	698.2	702.8	708.5	711.7	714.2	714.9
10°	721.7	716.4	709.2	710.3	712.4	717.1	726.7	731.3	736.6	741.3	740.2
12.5°	740.5	735.9	727.7	728.5	732.0	740.2	749.4	755.1	758.7	762.2	763.7
15°	765.1	756.9	748.0	748.0	754.4	763.3	767.6	772.2	774.3	778.2	779.7
17.5°	790.3	779.7	767.9	767.2	775.0	779.3	781.8	782.5	783.2	787.5	788.9
20°	815.6	803.9	787.1	785.7	787.5	786.8	786.4	785.7	786.8	792.1	794.3
22.5°	840.5	827.0	803.9	797.5	792.5	785.7	785.4	785.0	785.7	791.1	794.6
25°	869.7	853.3	822.4	803.1	786.4	777.2	778.2	778.6	779.3	783.6	789.3
27.5°	901.3	883.2	839.4	801.4	771.1	764.7	763.0	764.0	766.5	773.3	780.0
30°	933.0	911.6	855.1	794.3	751.9	743.0	737.3	739.8	747.7	754.4	761.9
32.5°	961.8	940.4	867.5	778.6	727.4	713.5	706.0	709.2	717.1	719.6	728.5
35°	995.6	971.4	872.9	753.7	700.7	679.4	669.4	664.8	668.7	666.2	674.0
37.5°	1033.3	1008.0	872.2	721.0	669.4	644.9	631.0	613.6	605.4	596.8	602.2
40°	1089.1	1052.8	863.6	681.5	630.6	608.2	583.3	553.8	535.3	518.6	519.7
42.5°	1165.2	1115.1	848.0	638.1	586.9	565.9	532.1	497.6	468.4	440.7	438.2
45°	1278.7	1196.5	828.4	591.9	539.6	519.0	482.3	443.5	410.5	374.9	370.6
47.5°	1442.3	1306.1	809.9	539.2	489.8	470.9	437.9	401.9	362.8	328.3	324.4
50°	1667.1	1463.3	792.8	488.0	440.7	426.5	400.2	363.5	324.0	296.3	294.5
52.5°	1953.1	1677.1	785.7	438.6	394.8	389.5	368.5	334.3	297.0	273.5	271.7
55°	2281.4	1932.8	785.7	391.3	354.6	356.4	341.8	310.2	277.8	256.8	254.7
57.5°	2616.5	2191.8	771.5	347.5	320.5	327.9	318.7	291.0	261.8	240.1	236.5
60°	2925.2	2408.7	713.9	307.7	290.2	302.0	295.9	272.1	236.5	218.4	215.5
62.5°	3162.4	2531.1	602.9	276.0	265.3	278.9	275.7	247.2	231.9	224.4	222.0
65°	3281.2	2511.2	461.0	247.9	244.4	265.3	258.6	257.5	245.4	236.9	234.0
67.5°	3208.3	2339.7	334.3	227.3	232.3	252.9	278.9	283.1	260.7	244.0	241.2
70°	2888.6	2029.6	249.0	207.7	217.0	253.3	318.0	296.3	255.7	236.2	233.0
72.5°	*2197.4*	*1513.5*	*193.1*	*187.1*	*197.1*	*255.0*	*335.4*	*290.2*	*241.5*	*261.1*	*258.9*
75°	1256.7	830.9	155.1	161.8	172.2	238.3	326.5	274.6	230.5	239.7	239.7
77.5°	479.1	319.4	128.0	136.9	138.4	208.1	312.3	273.5	219.5	214.1	195.3
80°	166.1	124.8	106.0	108.8	107.1	185.0	299.5	238.0	179.6	160.8	155.4
82.5°	67.9	62.2	83.9	80.4	76.1	143.7	241.9	194.6	146.9	129.8	128.4
85°	29.5	39.5	55.5	48.7	44.1	99.6	193.9	164.7	124.1	107.1	106.7
87.5°	6.0	14.9	23.5	22.1	22.8	66.5	137.7	117.0	87.9	65.8	51.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
SS

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: SP1-2408-195-9

Test Date: 08/07/2024

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

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

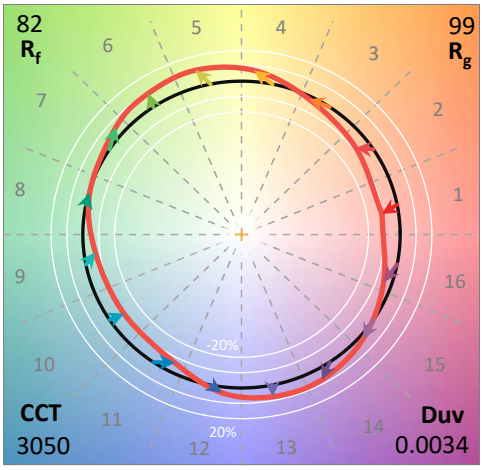
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2408-195-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	08/07/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	MCGRAW EDISON
Catalog Number:	**GALN-SB1A-830-U-5WQ**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K):	3050	CRI (Ra):	81.0		
CIE u':	0.2476	R1:	79.6	R9:	7.1
CIE v':	0.5251	R2:	85.6	R10:	67.0
Duv:	0.0034	R3:	92.0	R11:	82.7
CIE x:	0.4383	R4:	82.6	R12:	63.2
CIE y:	0.4131	R5:	78.9	R13:	80.3
CIE z:	0.1487	R6:	81.7	R14:	95.0
Peak Wavelength (nm):	603	R7:	85.2	R15:	71.7
Dominant Wavelength (nm):	581	R8:	62.0		
Purity:	55.55201				

Rf:	81.5
Rg:	99.2



Test Conditions

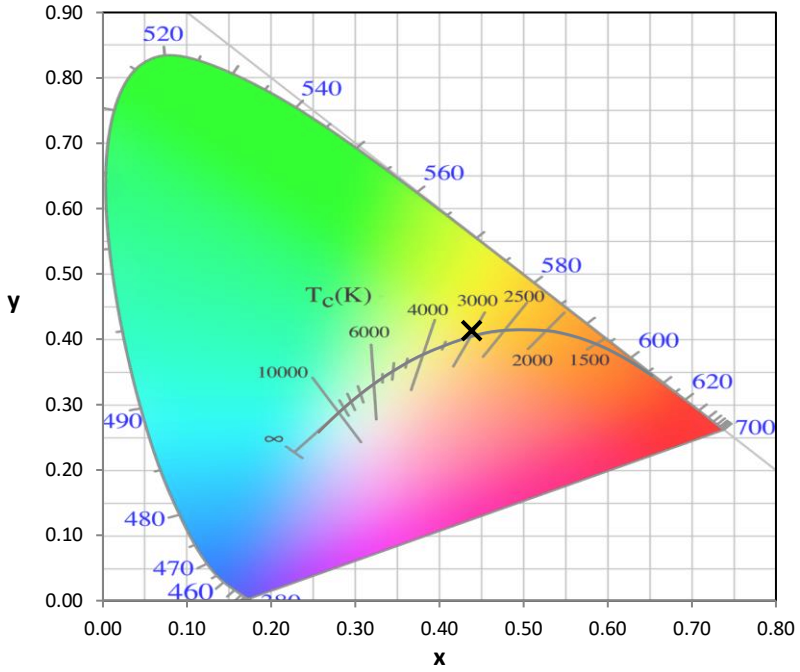
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

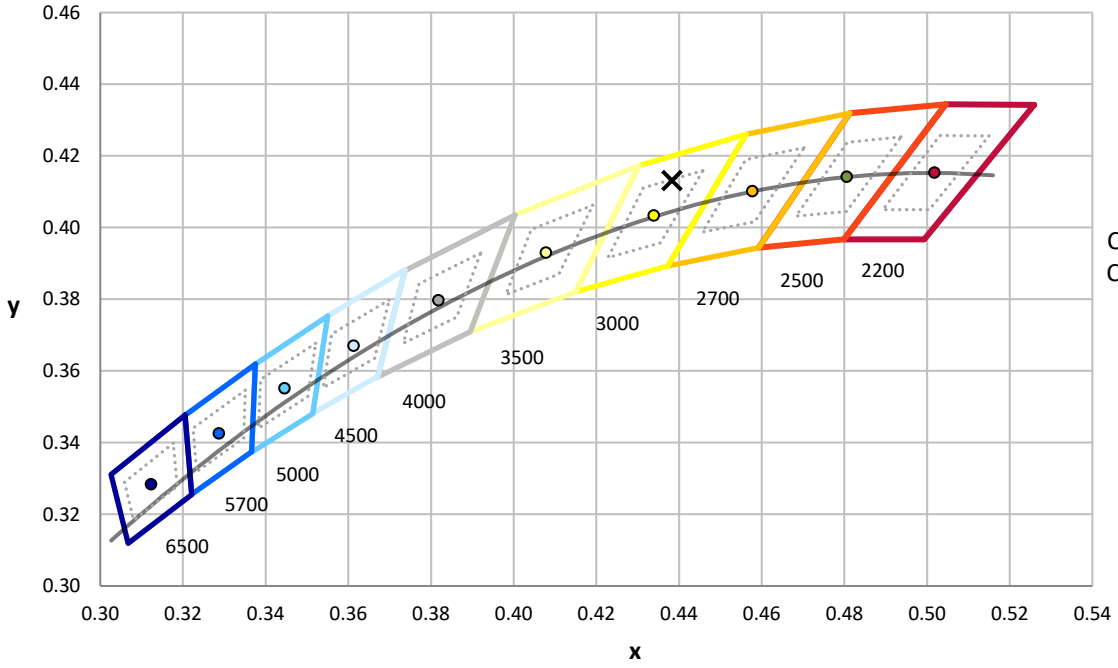
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2408-195-9

CIE 1931 Chromaticity Diagram



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

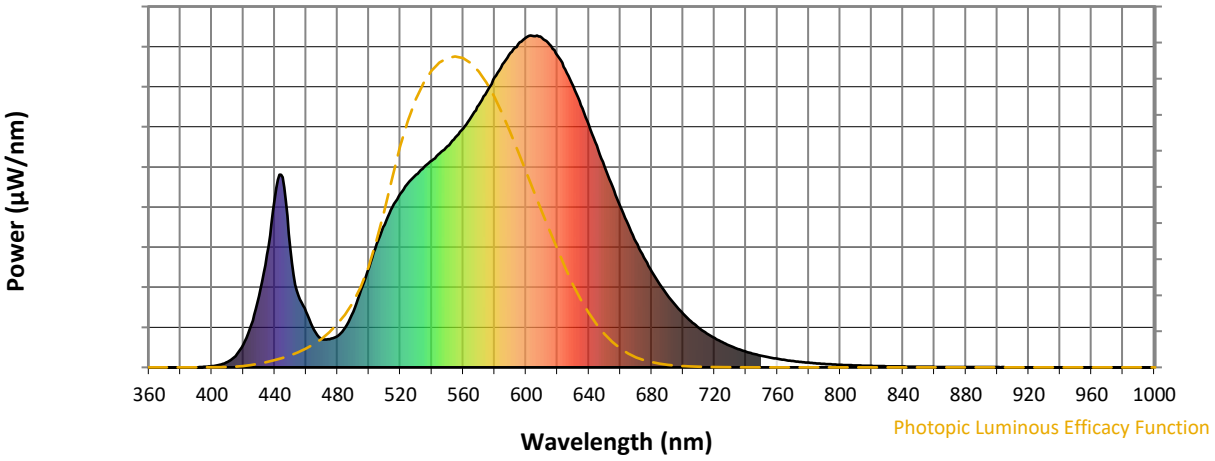


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

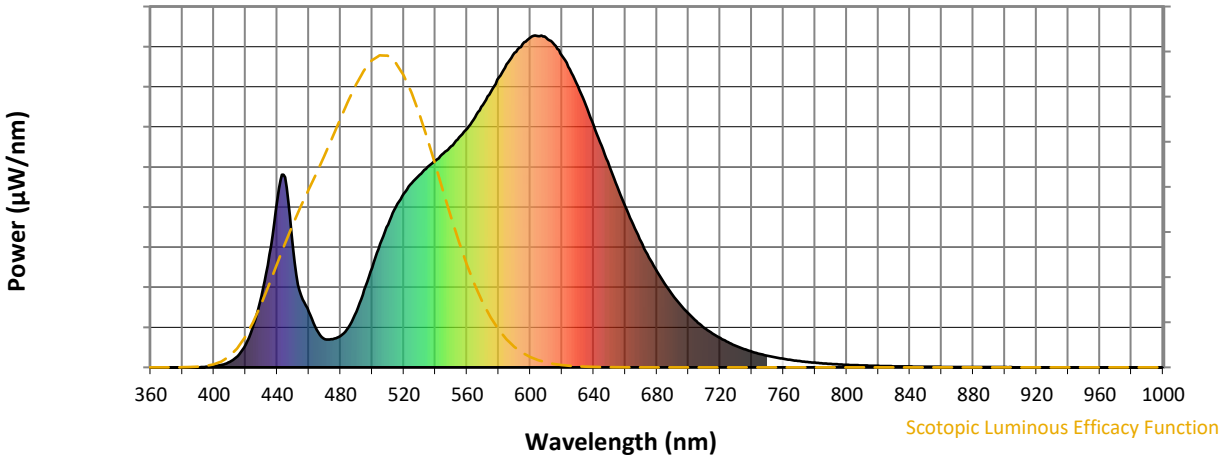


Photopic Lumens: NR

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2408-195-9

Scotopic Flux vs. Wavelength

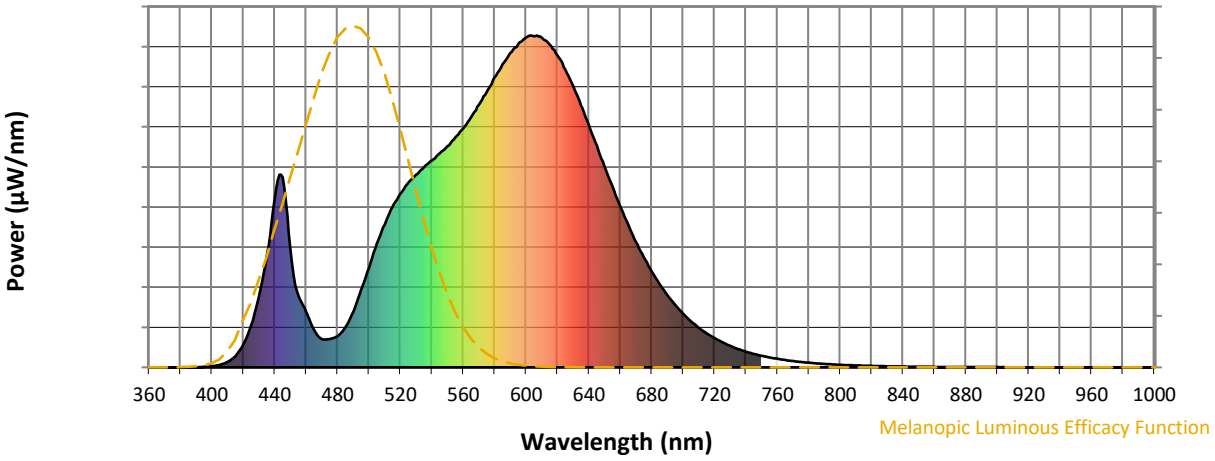


Scotopic Lumens: NR **S/P: 1.27**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2408-195-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.32**

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

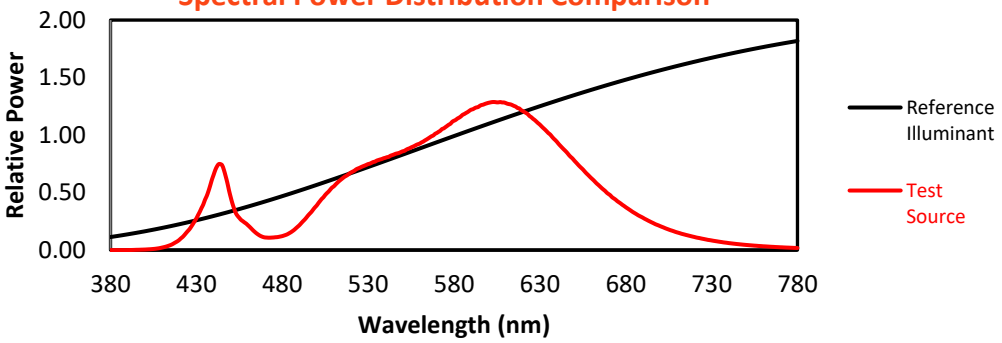
REPORT NUMBER: SP1-2408-195-9

TM-30-18

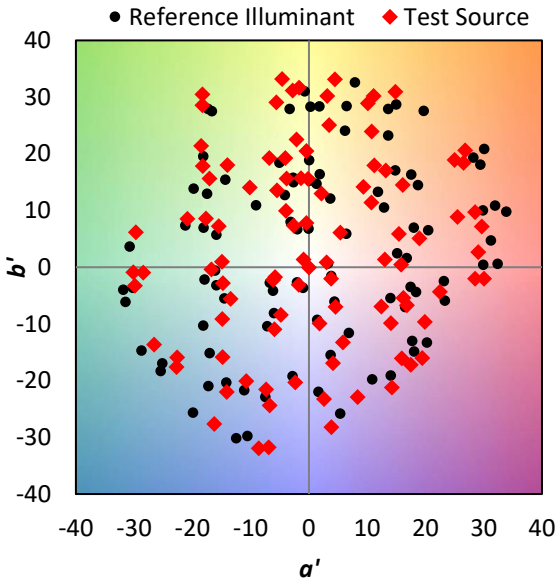
Summary

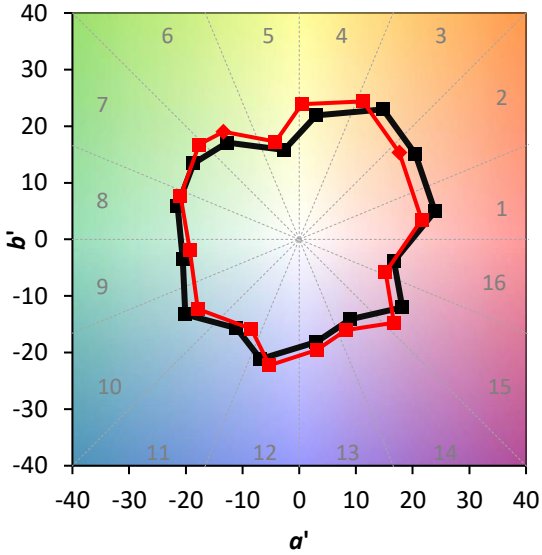
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

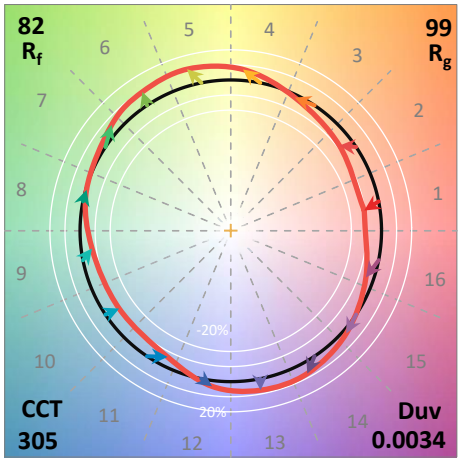
Spectral Power Distribution Comparison

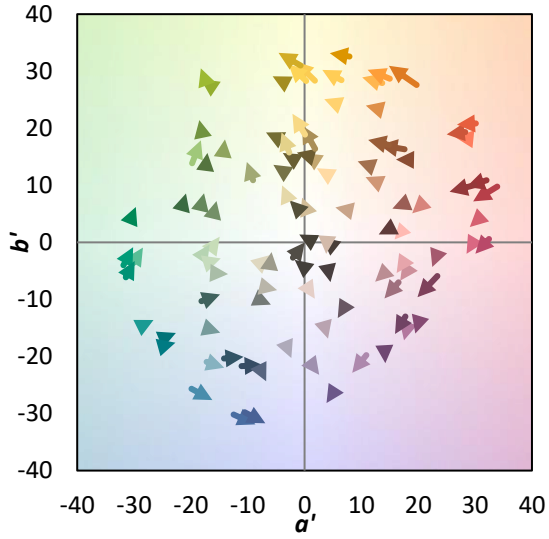


Color Vector Graphics







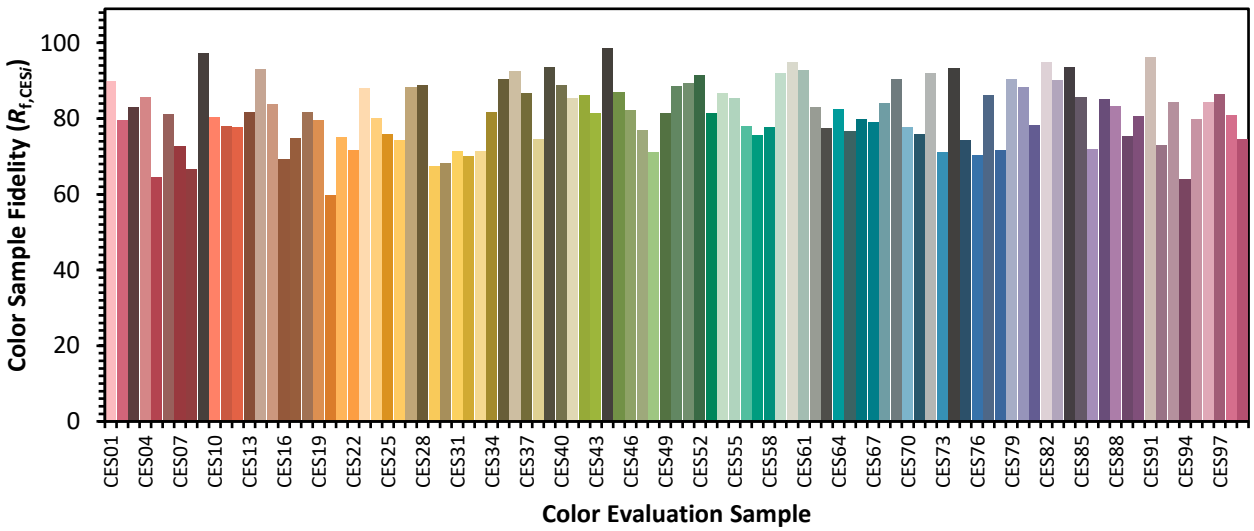


REPORT NUMBER: SP1-2408-195-9

TM-30-18

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

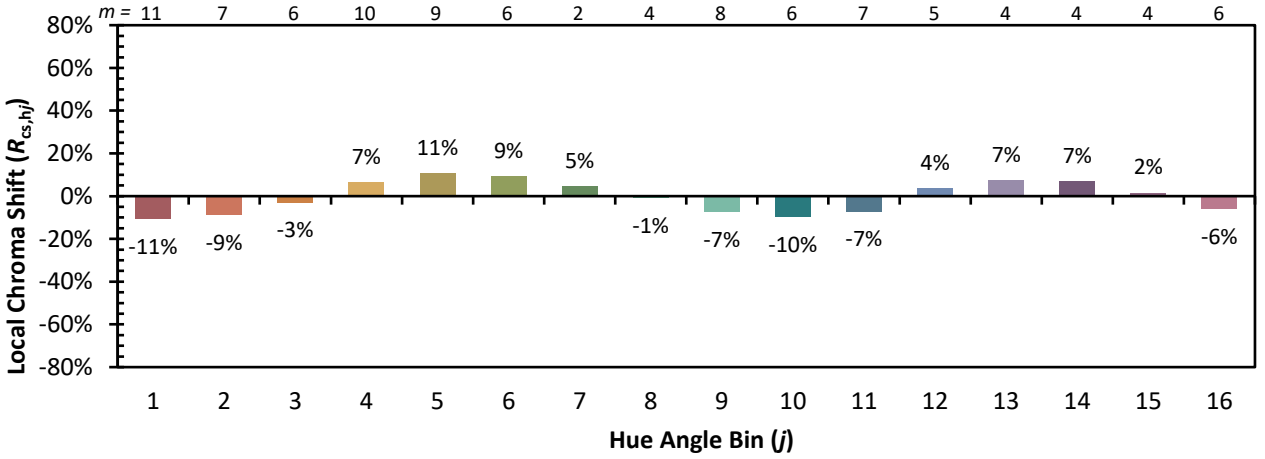
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 94
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 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	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	

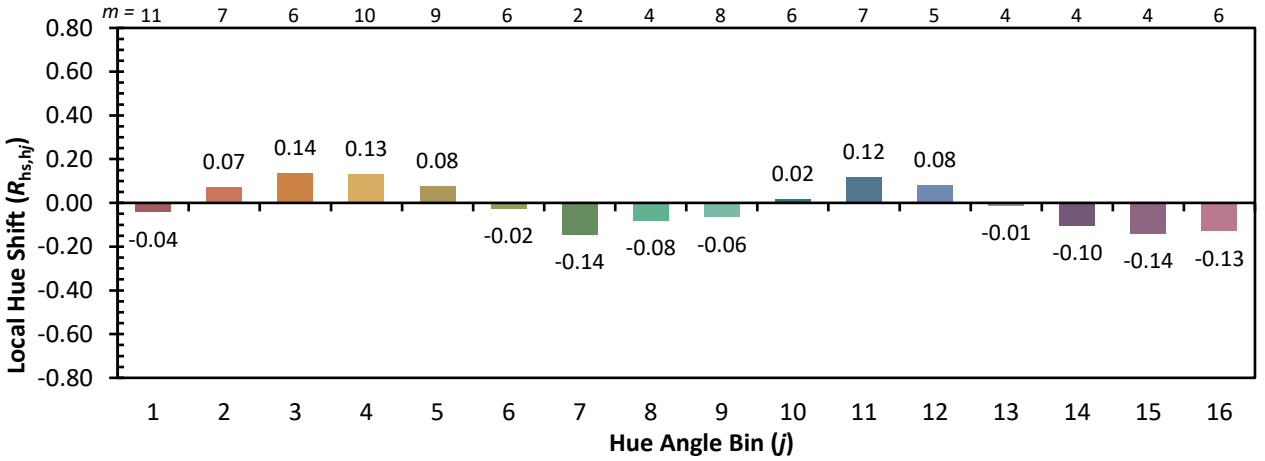


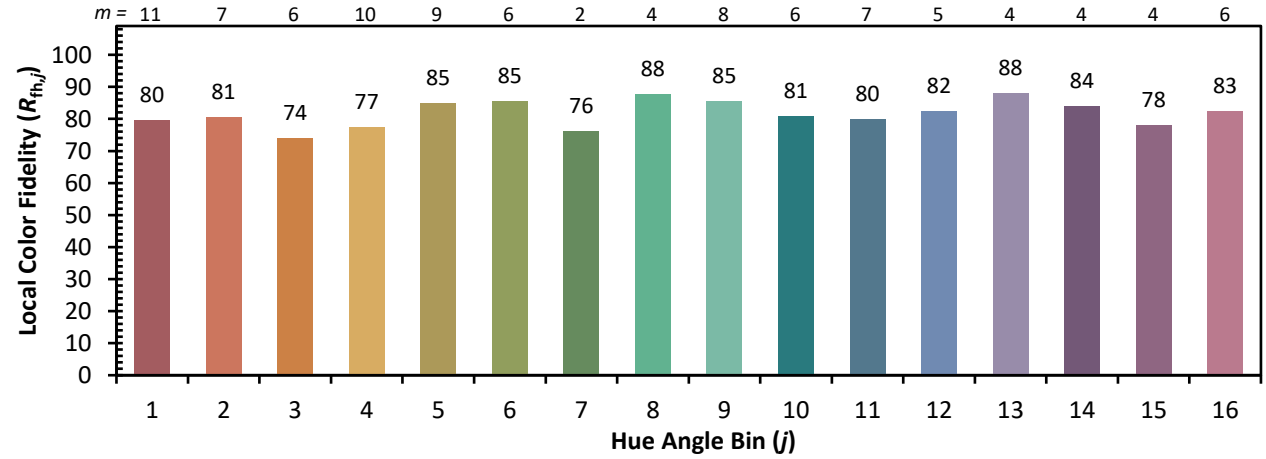
REPORT NUMBER: SP1-2408-195-9

TM-30-18

Color Rendition by Hue-Angle Bin



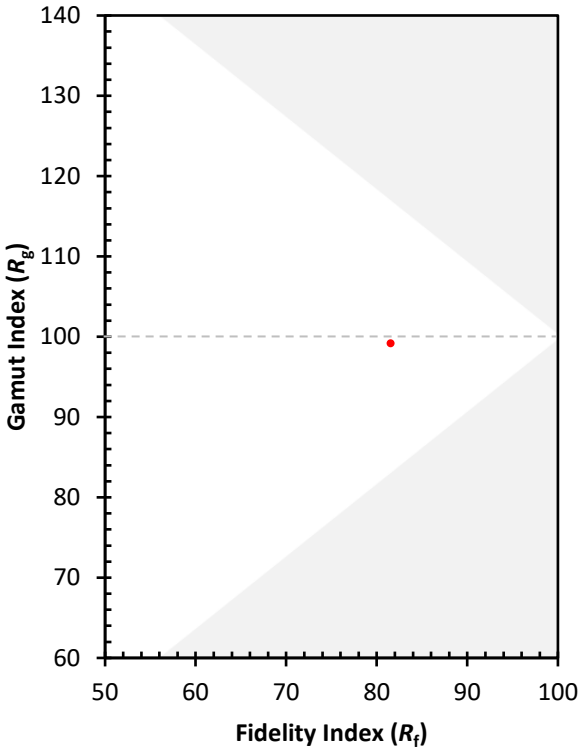


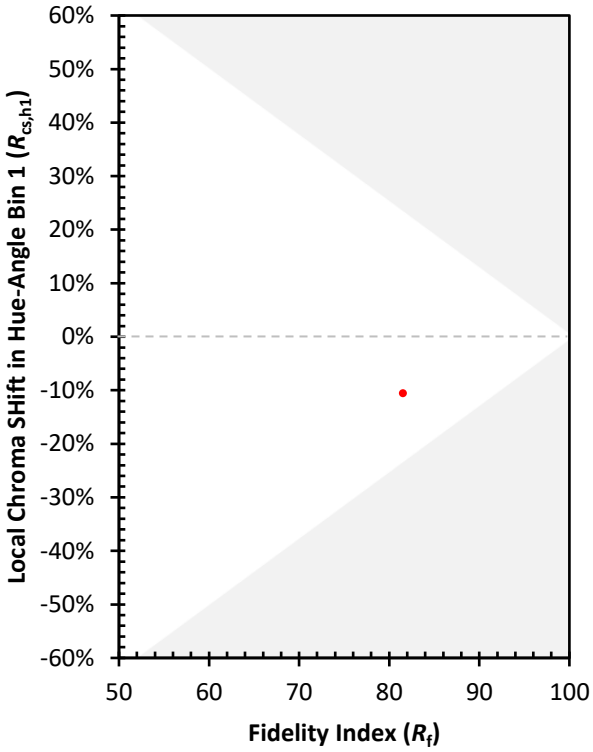


REPORT NUMBER: SP1-2408-195-9

TM-30-18

Measure Comparisons





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