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: P1203859

Luminaire Tested: GWC-SB2D-830-U-SL3

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:	P1203859
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-830-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17867 lumens
Efficiency:	N/A
Efficacy:	121.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

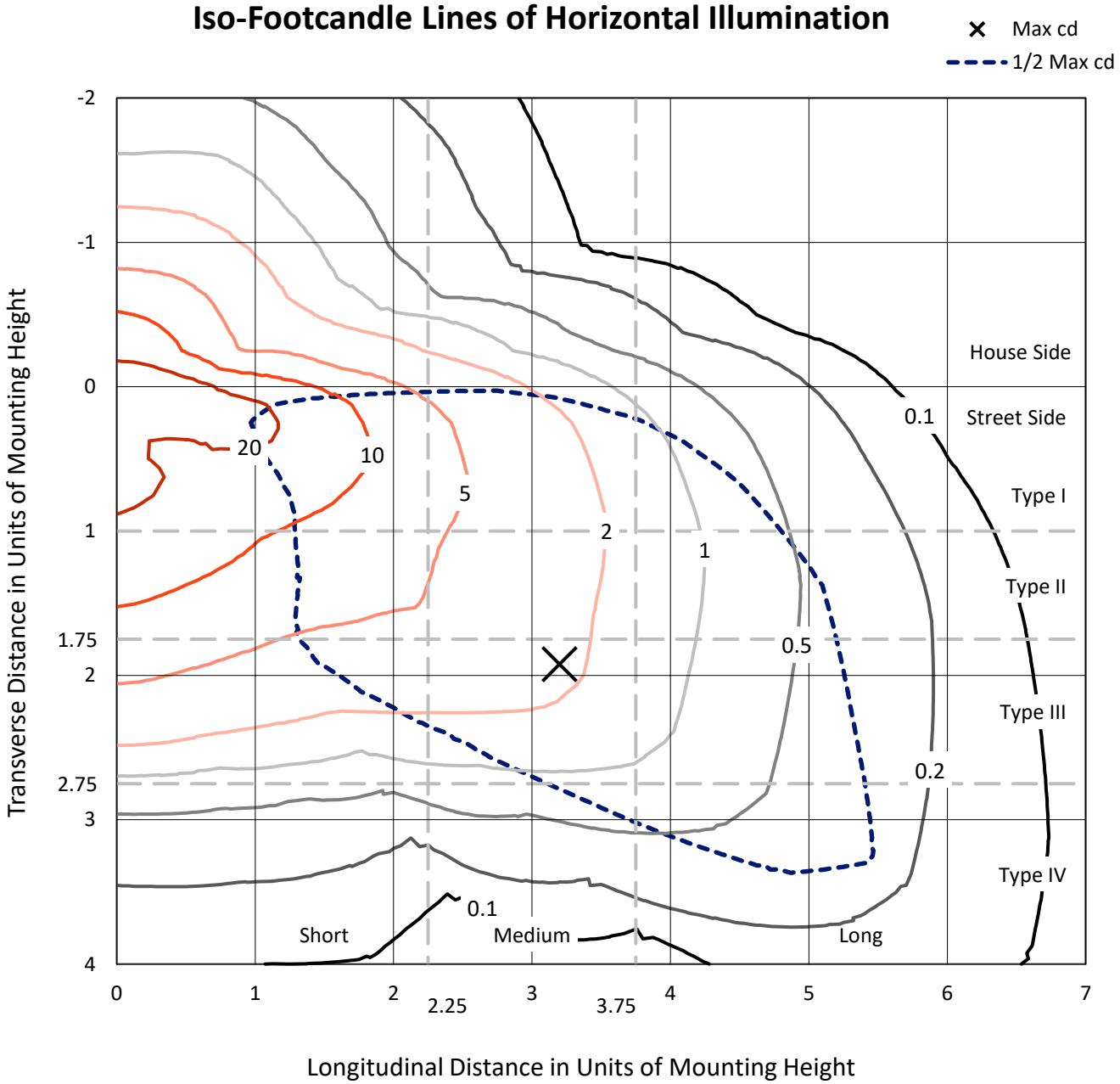


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Scaled Data Report

REPORT NUMBER: P1203859
CATALOG NUMBER: GWC-SB2D-830-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



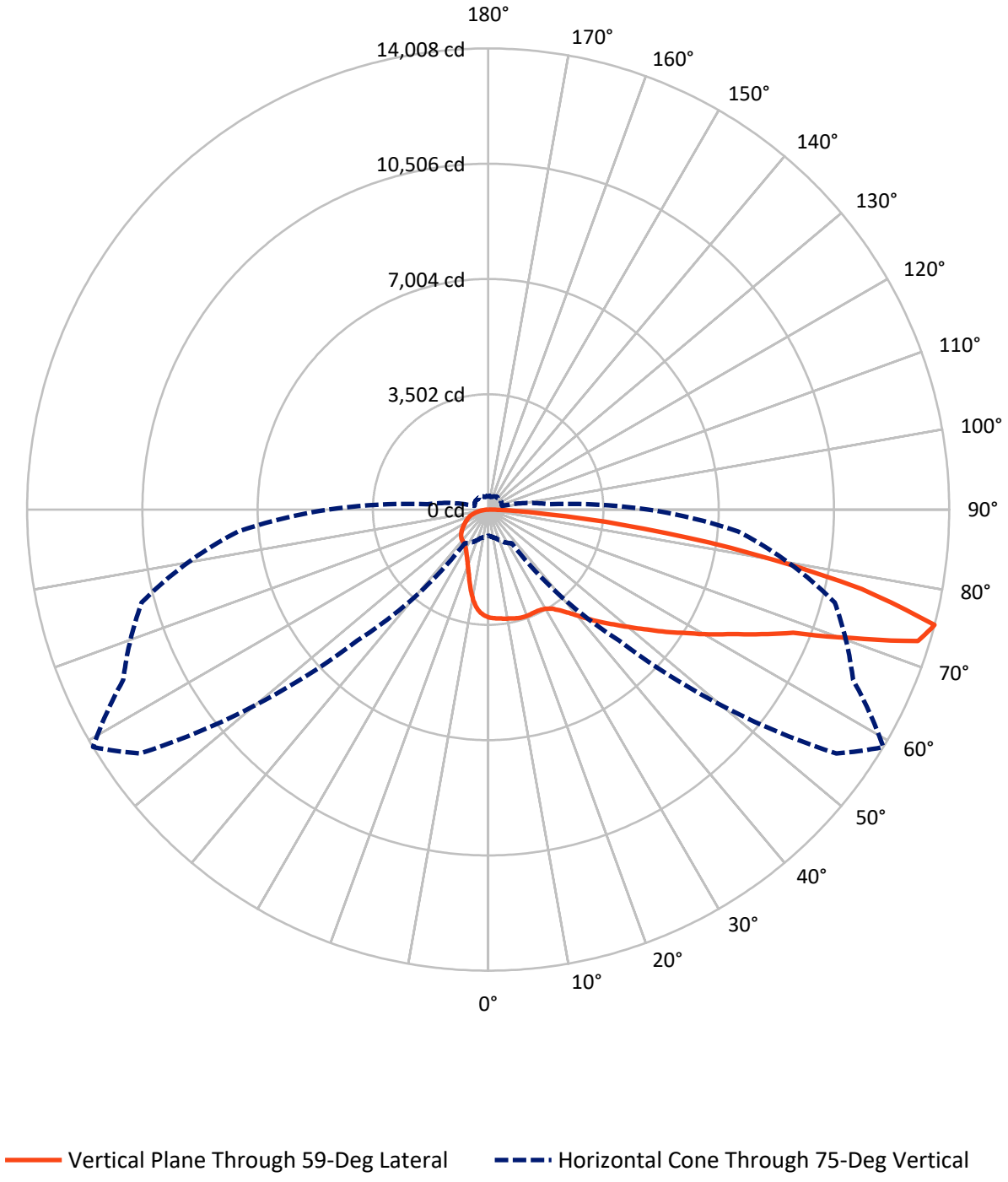
Based on 10 foot mounting height. Maximum calculated value = 26.9 fc
Type IV - Medium - N/A

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REPORT NUMBER: P1203859
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Luminous Intensity Polar Plot



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Scaled Data Report

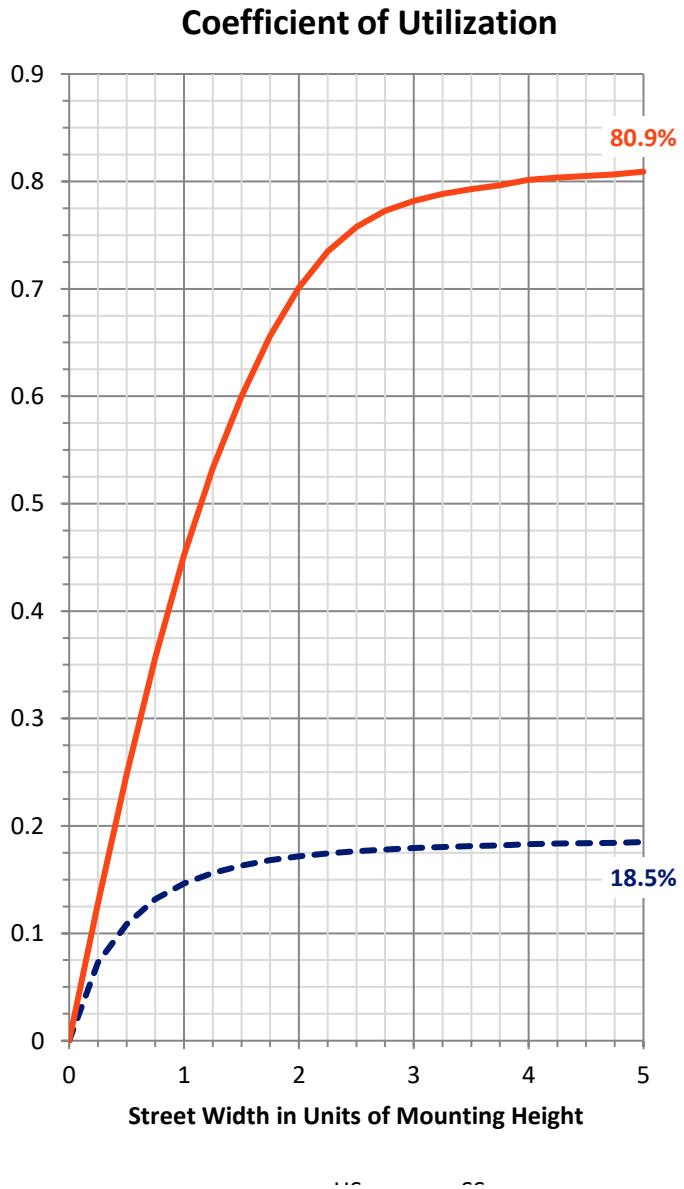
REPORT NUMBER: P1203859
CATALOG NUMBER: GWC-SB2D-830-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3351.1	0.0	3351.1
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	14515.9	0.0	14515.9
	% Fixture	81.2	0.0	81.2
Total	Lumens	17867.0	0.0	17867.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	294.1	1.6
10°-20°	751.6	4.2
20°-30°	1141.7	6.4
30°-40°	1697.0	9.5
40°-50°	2523.8	14.1
50°-60°	3425.8	19.2
60°-70°	4182.3	23.4
70°-80°	3282.2	18.4
80°-90°	568.6	3.2
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°	17867.0	100.0
0°-180°	17867.0	100.0



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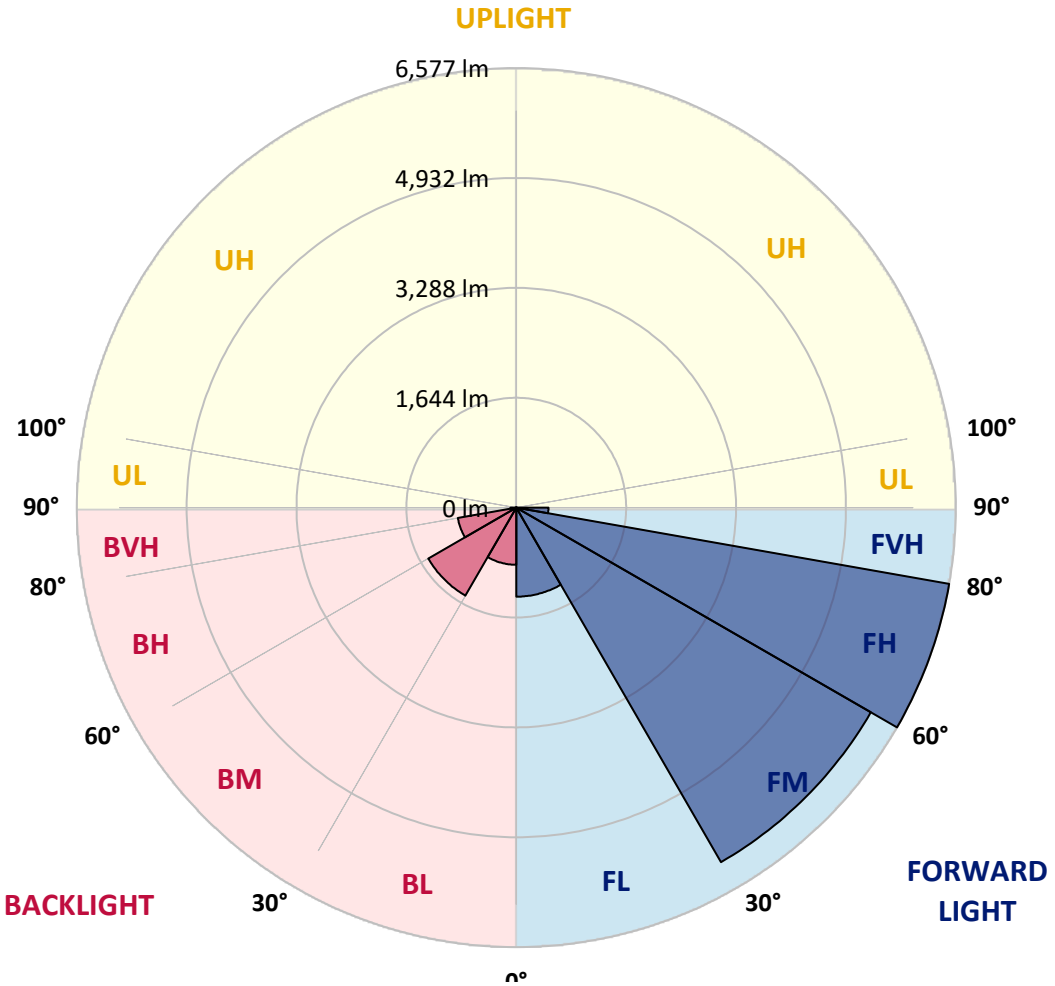
Scaled Data Report

REPORT NUMBER: P1203859
CATALOG NUMBER: GWC-SB2D-830-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1332.2	7.5			
FM	(30°-60°)	6125.5	34.3			
FH	(60°-80°)	6576.7	36.8			G3/7500
FVH	(80°-90°)	481.5	2.7			G3/500
BL	(0°-30°)	855.2	4.8	B2/1000		
BM	(30°-60°)	1521.1	8.5	B2/2500		
BH	(60°-80°)	887.8	5.0	B2/1000		G2/1000
BVH	(80°-90°)	87.0	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Medium



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Scaled Data Report

REPORT NUMBER: P1203859
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	3279.4	3279.4	3279.4	3279.4	3279.4	3279.4	3279.4	*3279.4*	3279.4	3279.4	3279.4
2.5°	3307.3	3295.8	3307.3	3302.5	3300.6	3296.7	3297.7	*3304.4*	3300.6	3305.4	3289.1
5°	3285.2	3278.5	3290.0	3287.1	3299.6	3301.6	3314.0	*3321.7*	3326.5	3327.5	3315.0
7.5°	3248.7	3242.0	3258.3	3271.8	3298.7	3306.4	3332.3	*3344.8*	3351.5	3363.1	3344.8
10°	3115.1	3112.2	3152.6	3203.5	3267.0	3306.4	3345.8	*3366.9*	3377.5	3408.2	3387.1
12.5°	2878.6	2882.5	2935.4	3033.4	3160.3	3287.1	3361.1	*3391.9*	3408.2	3446.7	3437.1
15°	2652.8	2651.8	2709.5	2814.3	2992.1	3202.6	3368.8	*3421.7*	3449.6	3506.3	3498.6
17.5°	2522.1	2518.2	2558.6	2638.4	2803.7	3072.8	3349.6	*3438.0*	3497.6	3568.8	3562.0
20°	2498.0	2490.3	2511.5	2550.9	2668.2	2930.6	3299.6	*3438.0*	3536.1	3628.3	3624.5
22.5°	2585.5	2573.0	2564.4	2559.5	2611.4	2813.3	3242.9	*3426.5*	3592.8	3713.9	3707.2
25°	2761.4	2742.2	2698.0	2654.7	2639.3	2760.4	3192.9	*3423.6*	3677.4	3829.2	3804.2
27.5°	3045.9	3021.9	2932.5	2828.7	2735.4	2787.3	3170.8	*3440.9*	3770.6	3951.3	3901.3
30°	3398.6	3372.7	3260.2	3100.7	2933.4	2887.3	3198.7	*3491.9*	3889.8	4113.7	4015.7
32.5°	3714.8	3686.0	3589.9	3427.5	3201.6	3060.3	3287.1	*3588.9*	4077.2	4339.6	4187.7
35°	3995.5	3961.9	3875.4	3725.4	3530.3	3303.5	3446.7	*3761.0*	4343.4	4706.8	4421.3
37.5°	4270.4	4231.0	4136.8	3978.2	3841.7	3627.4	3666.8	*3982.0*	4697.1	5152.7	4730.8
40°	4578.0	4521.3	4406.9	4250.2	4117.6	4007.0	3956.1	*4253.1*	5056.6	5650.6	5117.2
42.5°	4875.9	4822.1	4685.6	4552.0	4385.7	4354.0	4291.5	*4570.3*	5449.7	6197.5	5509.3
45°	5196.9	5132.5	4967.2	4798.1	4693.3	4584.7	4616.4	*4887.5*	5835.1	6755.0	5920.7
47.5°	5497.8	5425.7	5230.6	5042.2	4984.5	4778.8	4914.4	*5236.4*	6235.9	7320.1	6328.2
50°	5660.2	5589.1	5426.7	5256.5	5211.4	5018.2	5237.3	*5619.9*	6656.0	7883.4	6719.4
52.5°	5795.7	5718.8	5506.4	5412.2	5398.8	5278.6	5635.2	*6058.1*	7076.0	8381.2	7097.1
55°	5939.9	5854.4	5583.3	5498.7	5560.3	5570.8	6107.2	*6555.1*	7520.0	8866.6	7453.7
57.5°	6106.2	5997.6	5657.3	5571.8	5717.9	5913.0	6649.2	*7070.2*	7956.4	9316.4	7770.9
60°	6262.9	6153.3	5799.6	5688.1	5888.0	6310.0	7271.1	*7694.0*	8450.4	9717.2	8070.8
62.5°	6293.6	6203.3	5913.0	5912.0	6118.7	6773.2	8007.4	*8323.6*	8882.0	10113.2	8339.9
65°	5761.1	5704.4	5532.4	5903.4	6449.3	7440.3	8827.2	*9129.0*	9430.8	10459.2	8576.4
67.5°	4384.8	4392.5	4380.0	5096.0	6182.1	8398.5	10014.2	*9991.2*	10108.4	10847.6	8848.4
70°	2005.0	2050.1	2344.2	3517.8	4952.8	8509.1	11976.9	*11678.0*	10959.0	11350.2	9083.8
72.5°	1083.2	1117.8	1238.0	1704.1	2977.6	7565.2	13443.6	*13656.0*	12090.3	11688.6	8825.3
75°	*794.9*	*814.1*	*897.7*	*1083.2*	*1250.5*	*5622.7*	*12917.9*	*14007.8*	*12231.6*	*10899.5*	*7621.0*
77.5°	595.0	603.6	671.8	858.3	640.1	2964.2	10321.8	*11601.1*	10470.8	8955.0	5629.5
80°	431.6	441.2	492.1	644.0	448.9	1084.2	7087.5	*8142.9*	7171.1	5708.3	2805.6
82.5°	298.0	301.8	323.9	438.3	313.3	421.0	4021.5	*4775.0*	4003.2	2003.0	757.4
85°	179.7	184.5	194.2	255.7	177.8	199.9	1735.8	*1795.4*	1196.6	478.7	235.5
87.5°	74.0	78.8	86.5	107.6	70.2	55.7	286.4	*359.5*	223.9	140.3	73.0
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: P1203859
CATALOG NUMBER: GWC-SB2D-830-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3279.4	3279.4	3279.4	3279.4	3279.4	3279.4	3279.4	3279.4	3279.4	3279.4	3279.4
2.5°	3284.3	3277.5	3259.3	3234.3	3211.2	3182.4	3169.9	3159.3	3149.7	3131.4	3122.8
5°	3304.4	3286.2	3237.2	3173.7	3101.6	3022.8	2945.9	2893.1	2847.9	2814.3	2786.4
7.5°	3335.2	3300.6	3211.2	3081.5	2916.1	2747.0	2594.1	2485.5	2403.8	2374.0	2322.1
10°	3366.9	3325.6	3169.9	2941.1	2655.7	2395.2	2192.4	2080.9	2015.5	1994.4	1961.7
12.5°	3404.4	3343.8	3105.5	2746.0	2364.4	2079.0	1902.1	1836.8	1803.1	1791.6	1794.5
15°	3459.2	3359.2	3008.4	2501.9	2086.7	1848.3	1733.9	1688.7	1671.4	1670.5	1674.3
17.5°	3500.5	3362.1	2857.5	2240.4	1873.3	1708.9	1614.7	1597.4	1609.0	1626.3	1633.0
20°	3546.6	3336.2	2659.5	2002.1	1723.3	1586.9	1547.5	1559.0	1586.9	1611.9	1620.5
22.5°	3579.3	3289.1	2420.2	1816.6	1593.6	1516.7	1514.8	1538.8	1554.2	1566.7	1573.4
25°	3608.2	3209.3	2166.4	1660.9	1486.9	1474.4	1495.6	1487.9	1477.3	1487.9	1494.6
27.5°	3629.3	3083.4	1939.6	1524.4	1411.9	1445.6	1433.1	1415.8	1414.8	1420.6	1430.2
30°	3622.6	2915.2	1753.1	1394.6	1359.1	1391.7	1362.0	1359.1	1356.2	1359.1	1369.6
32.5°	3622.6	2723.9	1609.9	1305.2	1325.4	1312.9	1310.0	1303.3	1291.8	1290.8	1303.3
35°	3642.8	2532.6	1486.9	1257.2	1297.6	1267.8	1269.7	1253.3	1229.3	1217.8	1229.3
37.5°	3684.1	2378.8	1364.8	1234.1	1248.5	1247.6	1239.9	1212.0	1169.7	1133.2	1145.7
40°	3784.1	2333.7	1281.2	1223.5	1225.5	1237.0	1216.8	1163.0	1066.9	1007.3	1015.0
42.5°	3940.7	2409.6	1263.0	1197.6	1210.1	1221.6	1182.2	1057.3	989.0	953.5	953.5
45°	4139.7	2542.2	1302.4	1160.1	1173.6	1193.7	1076.5	1016.9	986.1	987.1	991.9
47.5°	4391.5	2681.6	1375.4	1127.4	1120.7	1132.2	1006.3	969.8	927.5	938.1	965.0
50°	4682.7	2822.9	1444.6	1083.2	1062.1	1024.6	961.2	926.5	872.7	847.7	854.5
52.5°	4998.0	2959.4	1472.5	1029.4	998.6	955.4	930.4	888.1	822.7	781.4	780.5
55°	5296.9	3083.4	1441.7	965.0	935.2	901.6	897.7	871.8	801.6	743.9	743.9
57.5°	5579.5	3187.2	1364.8	899.6	870.8	850.6	876.6	864.1	775.6	701.6	697.8
60°	5818.8	3258.3	1253.3	833.3	813.1	802.6	842.0	838.1	739.1	656.5	653.6
62.5°	6009.1	3286.2	1130.3	769.9	765.1	745.9	793.9	793.9	693.0	612.3	609.4
65°	6158.1	3259.3	1005.4	707.4	717.0	688.2	735.3	729.5	644.0	572.8	569.0
67.5°	6289.8	3170.8	867.0	645.9	668.0	631.5	673.8	660.3	590.1	533.4	529.6
70°	6348.4	2965.2	709.3	584.4	611.3	575.7	612.3	587.3	529.6	491.1	483.5
72.5°	5877.4	2464.4	558.4	520.0	543.1	514.2	545.9	517.1	464.2	446.9	432.5
75°	*4862.5*	*1849.3*	*429.6*	*449.8*	*467.1*	*445.0*	*466.2*	*445.0*	*397.0*	*409.5*	*373.9*
77.5°	3531.3	1248.5	328.7	375.8	383.5	372.0	390.2	366.2	322.9	320.1	305.6
80°	1756.0	731.4	257.6	297.0	294.1	286.4	307.6	296.0	259.5	274.9	272.0
82.5°	508.4	313.3	187.4	208.6	202.8	204.7	220.1	225.9	338.3	335.4	343.1
85°	159.6	123.0	112.5	116.3	110.5	113.4	129.8	257.6	238.4	139.4	150.9
87.5°	41.3	42.3	27.9	29.8	30.8	36.5	41.3	156.7	75.0	49.0	51.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


HS
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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

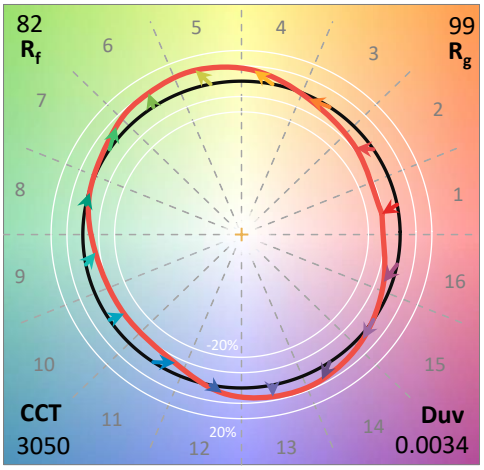
Test Information

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

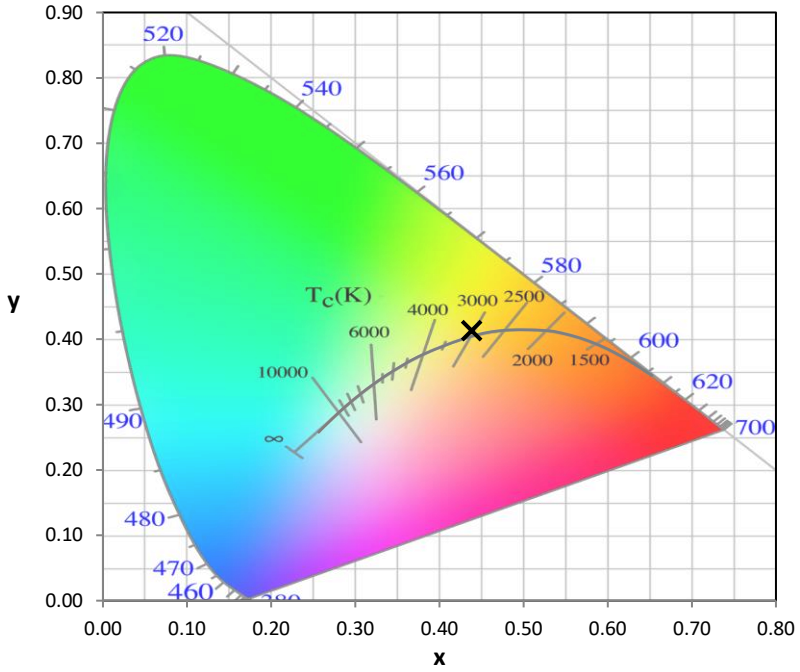
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

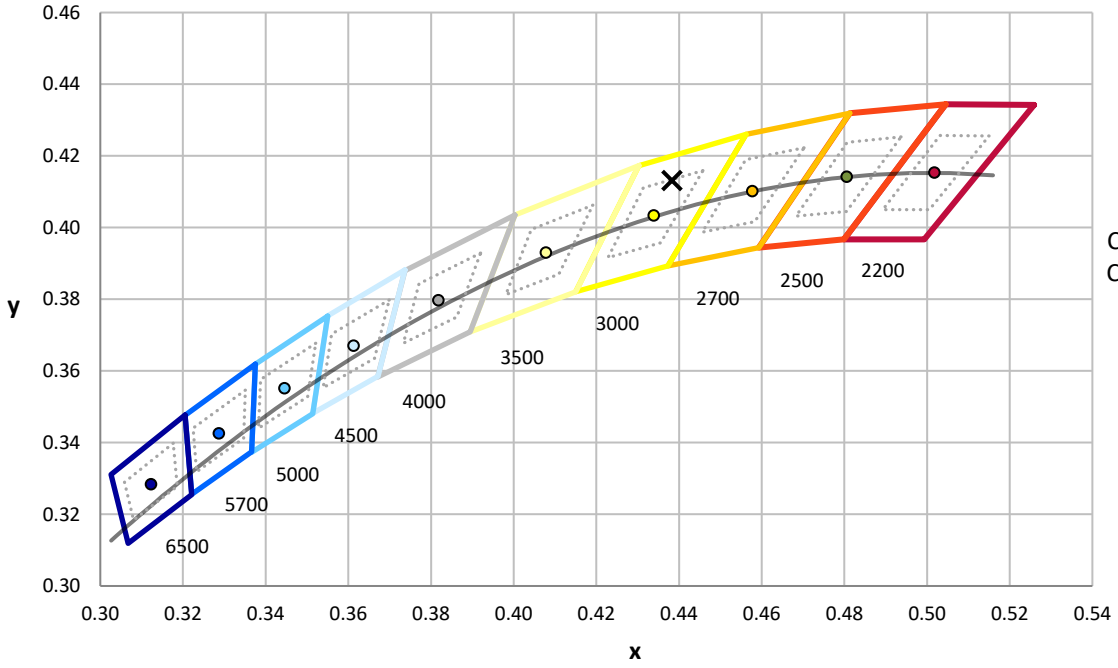
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

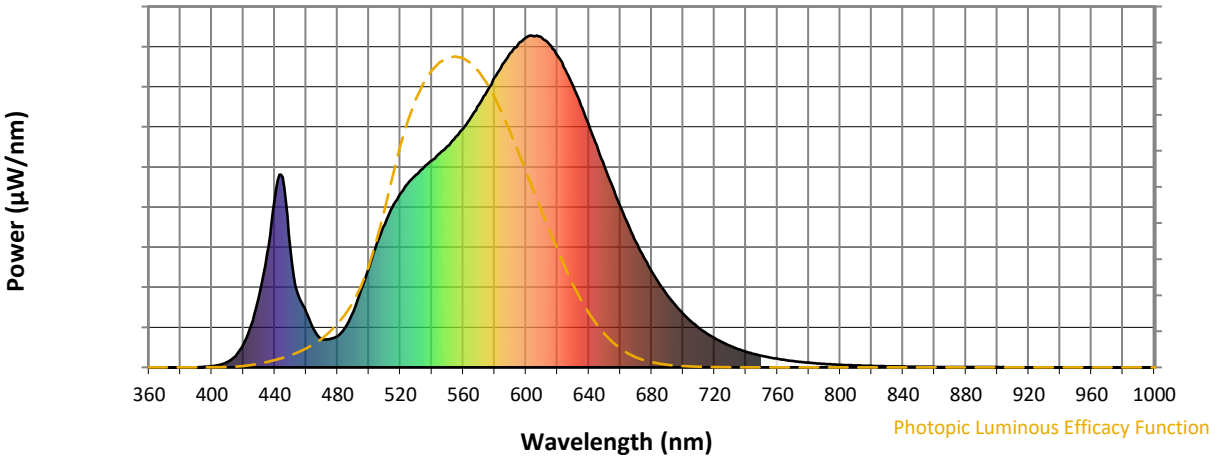


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

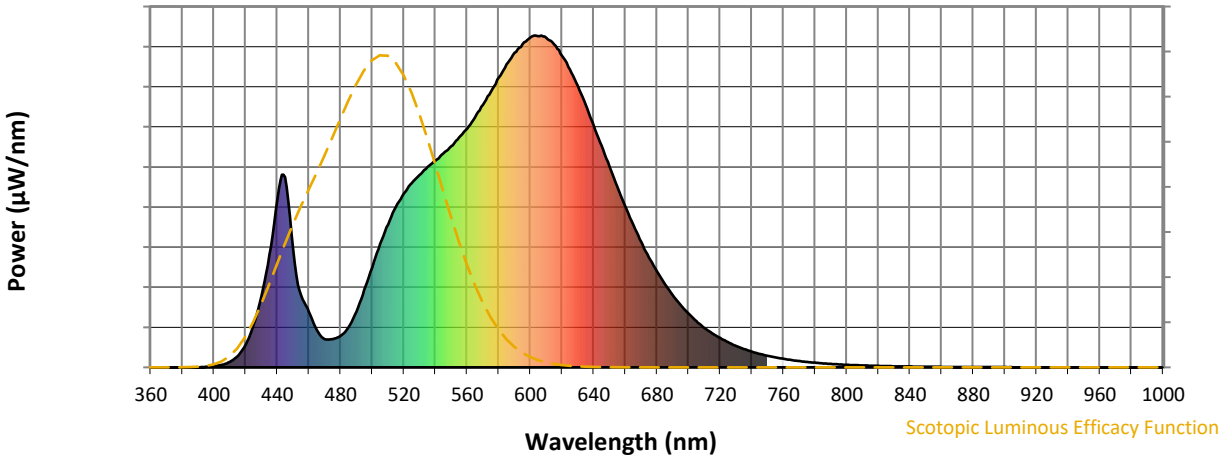


Photopic Lumens: NR

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

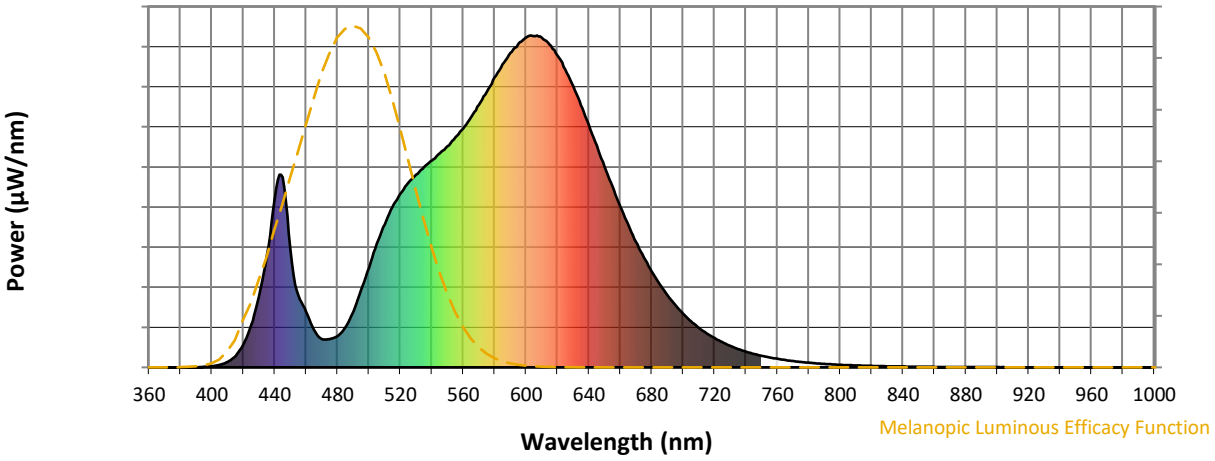


Scotopic Lumens: NR **S/P: 1.27**

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			

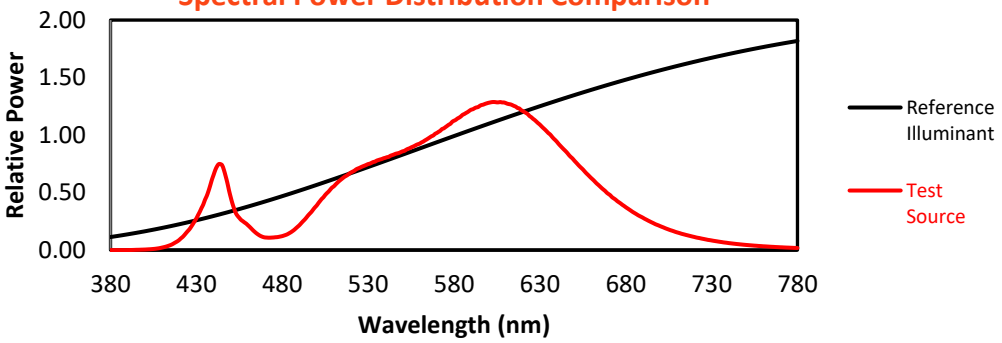
REPORT NUMBER: SP1-2408-195-9

TM-30-18

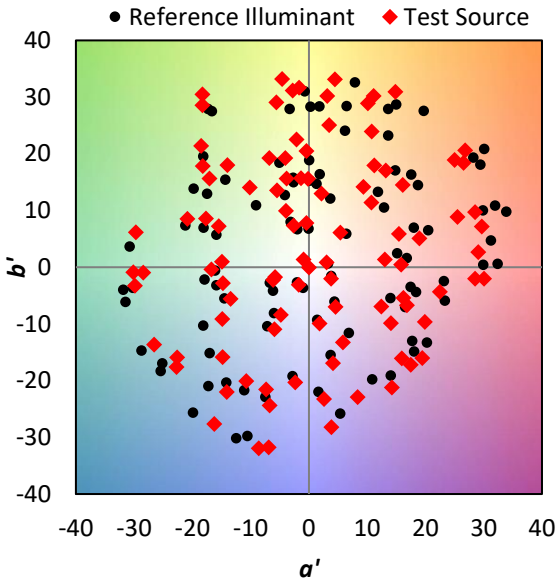
Summary

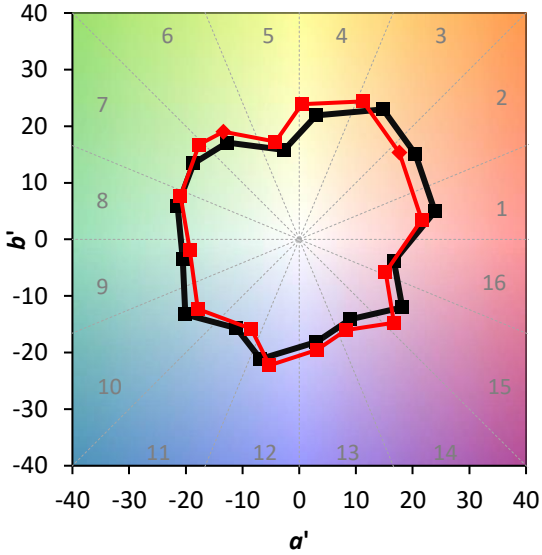
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

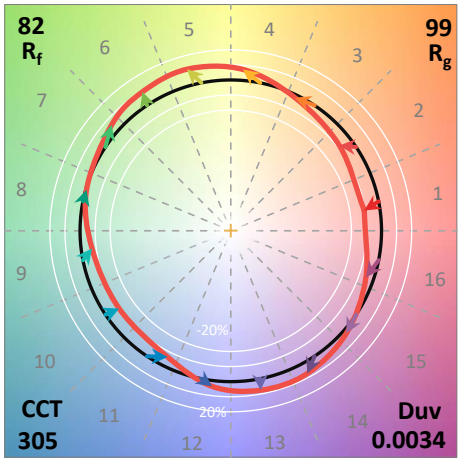
Spectral Power Distribution Comparison

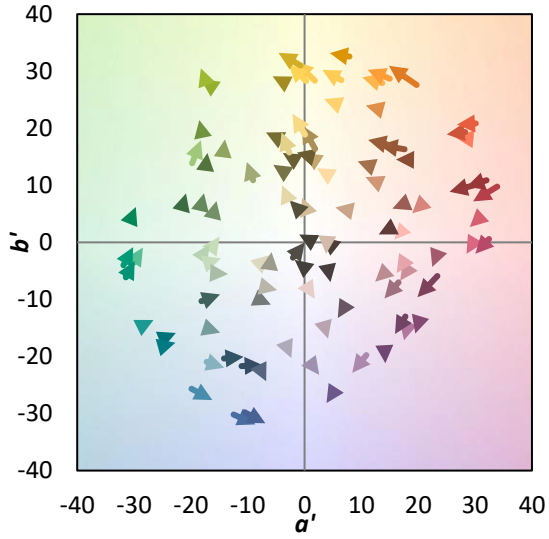


Color Vector Graphics







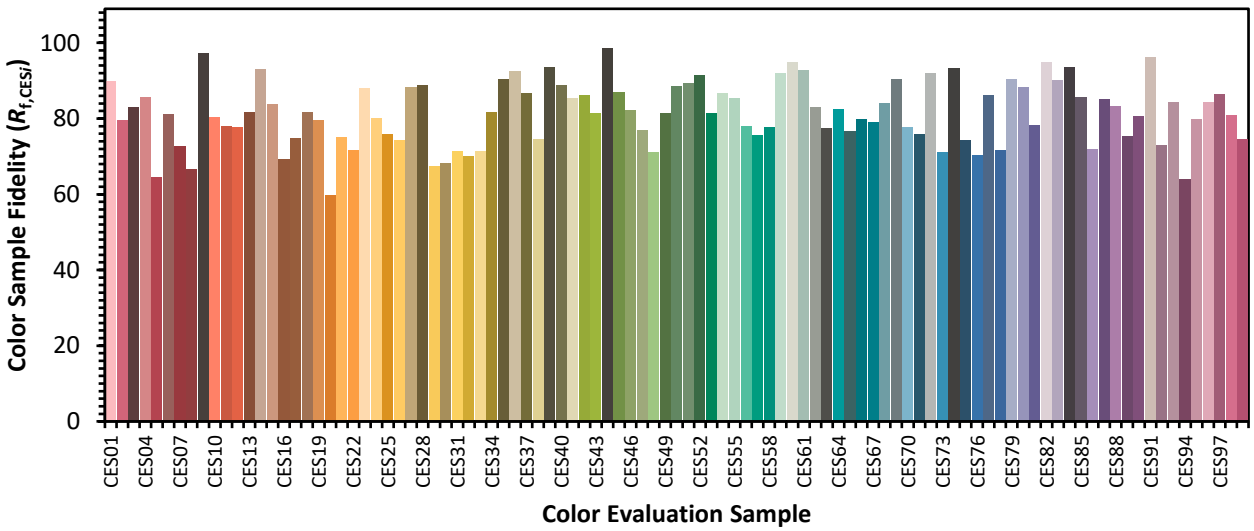


REPORT NUMBER: SP1-2408-195-9

TM-30-18

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

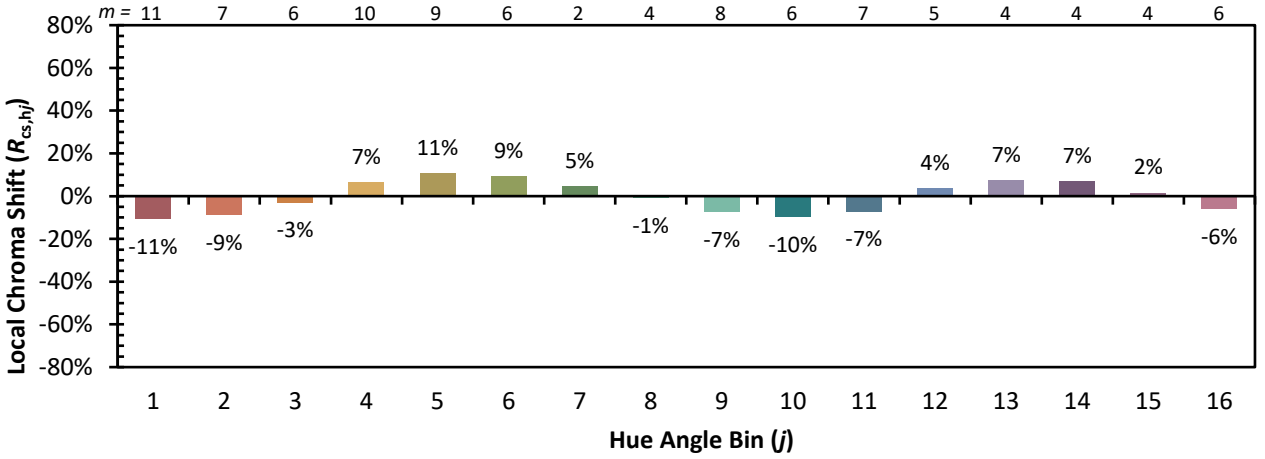
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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	

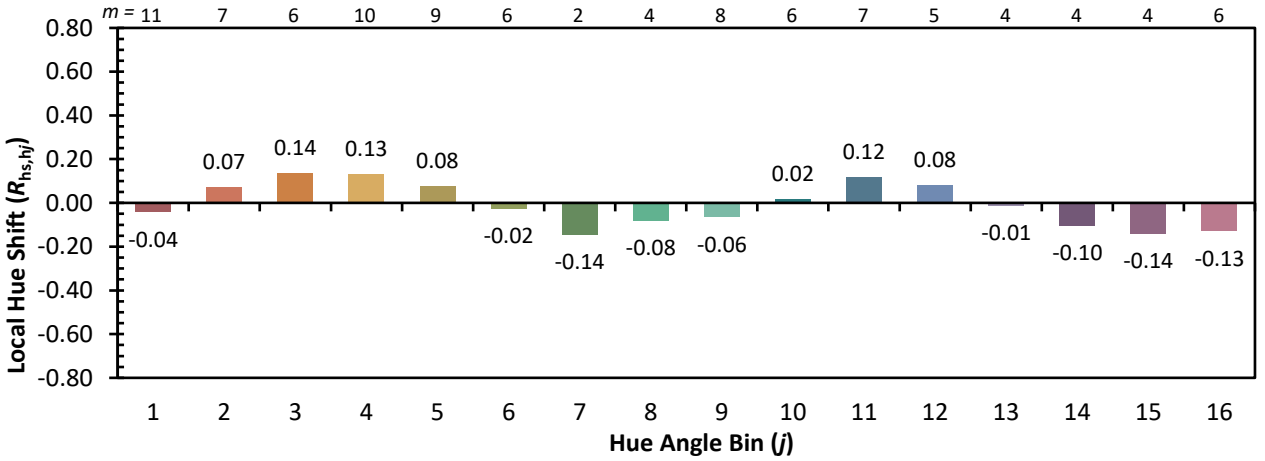


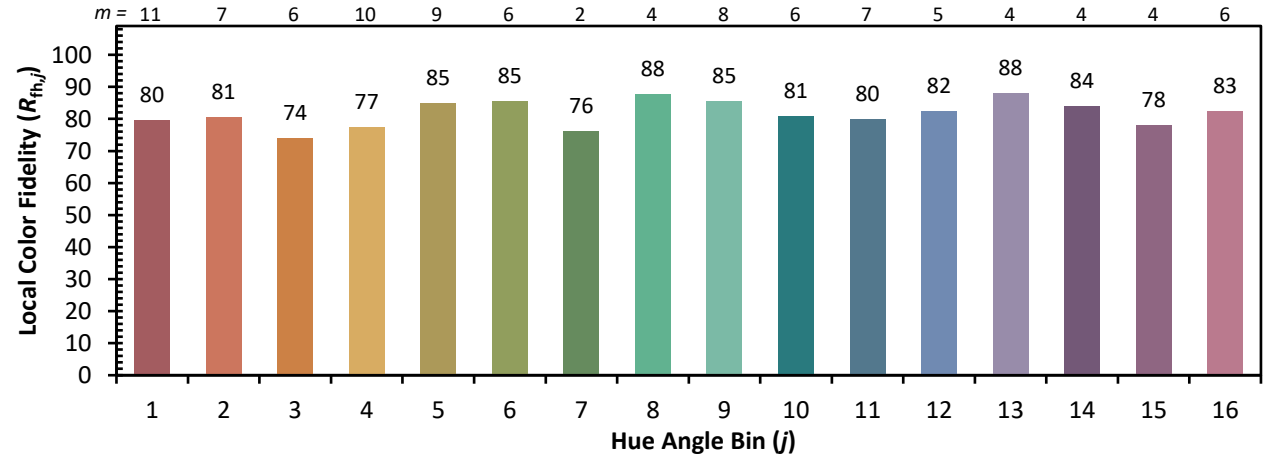
REPORT NUMBER: SP1-2408-195-9

TM-30-18

Color Rendition by Hue-Angle Bin



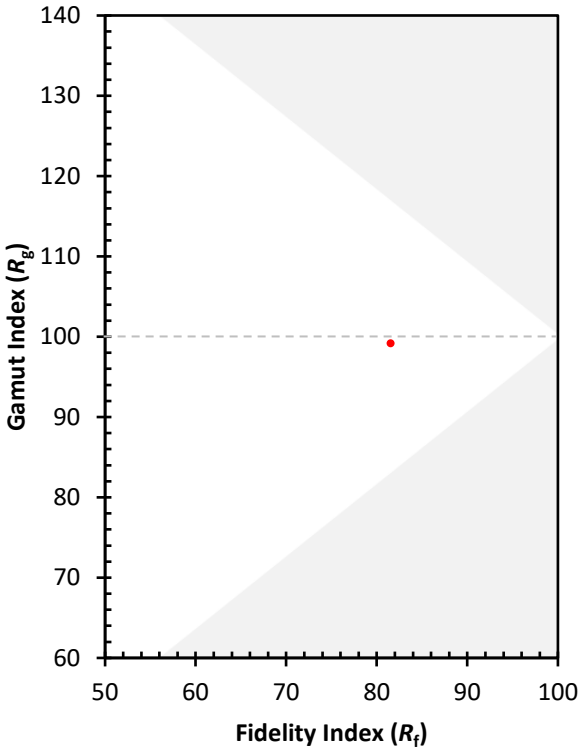


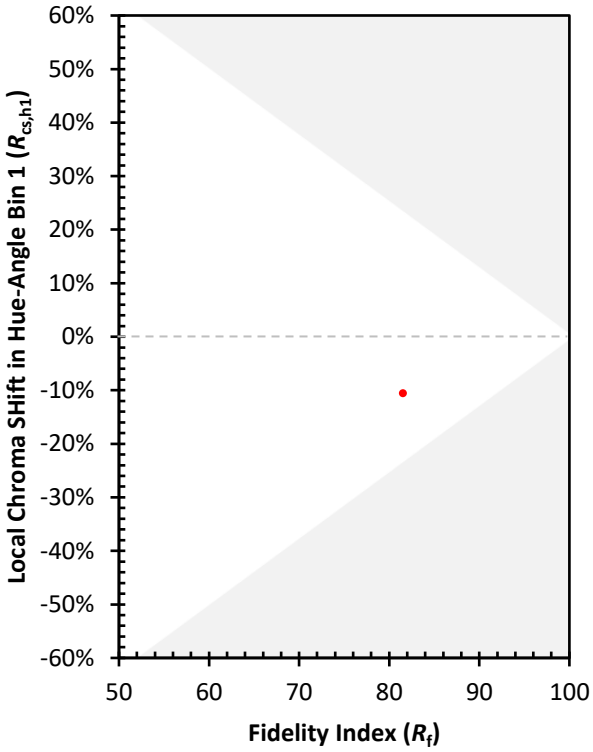


REPORT NUMBER: SP1-2408-195-9

TM-30-18

Measure Comparisons





(END OF REPORT)