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: P1202360

Luminaire Tested: GWC-SB1D-830-U-SL2-HSS

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:	P1202360
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-830-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7450 lumens
Efficiency:	N/A
Efficacy:	93.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

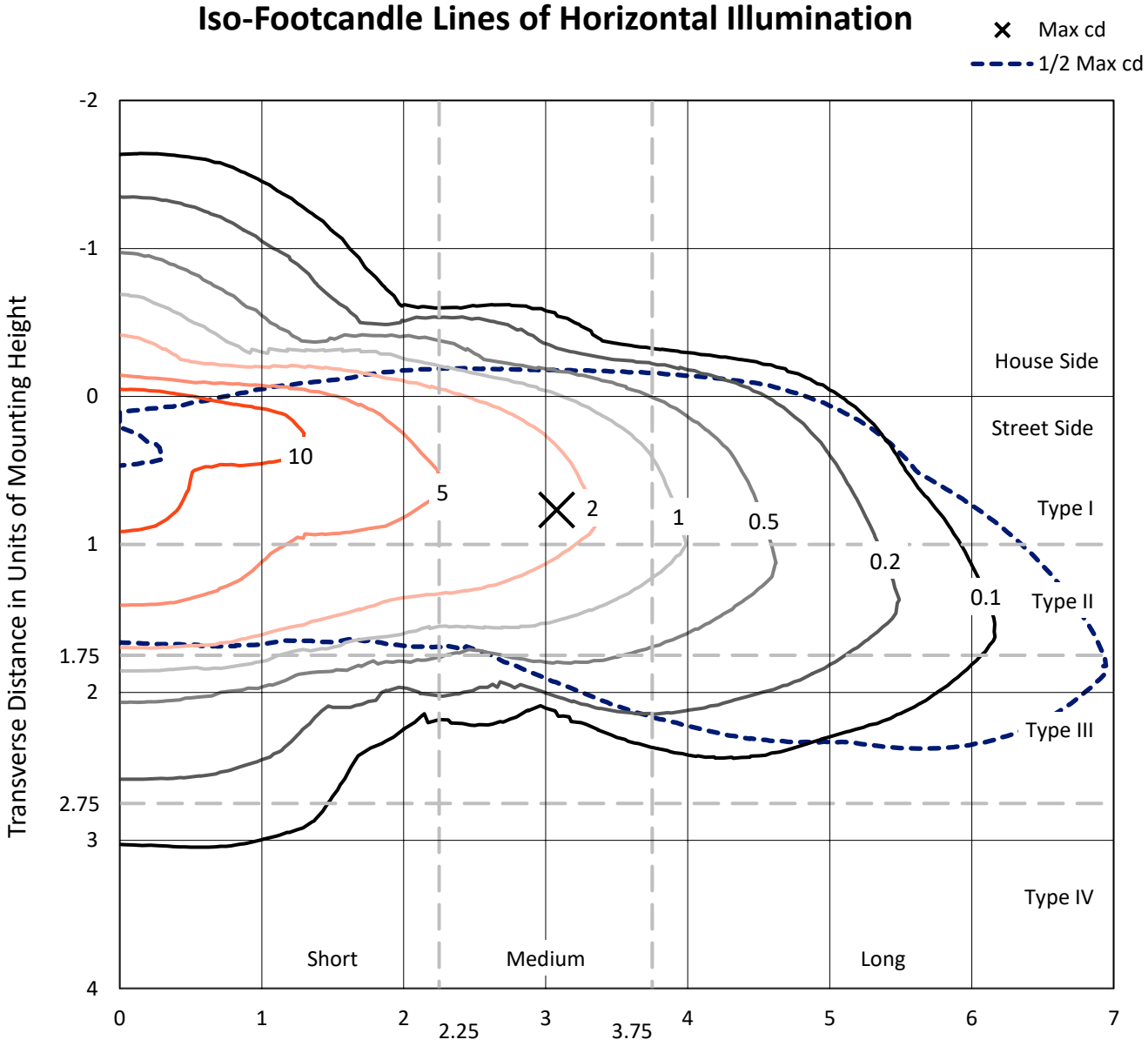


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Scaled Data Report

REPORT NUMBER: P1202360
CATALOG NUMBER: GWC-SB1D-830-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



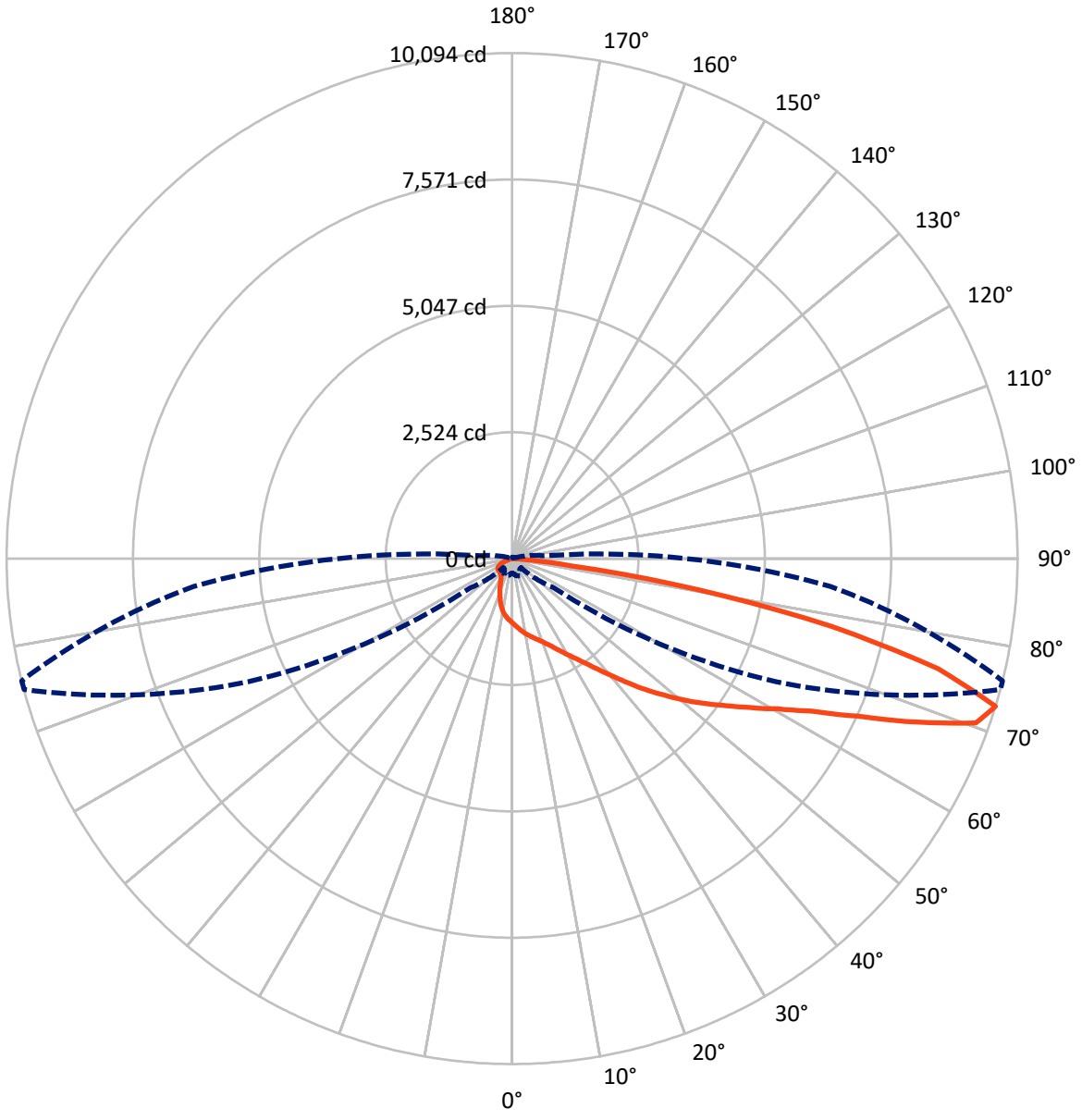
Based on 10 foot mounting height. Maximum calculated value = 11.1 fc
Type II - Medium - N/A

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REPORT NUMBER: P1202360
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Luminous Intensity Polar Plot



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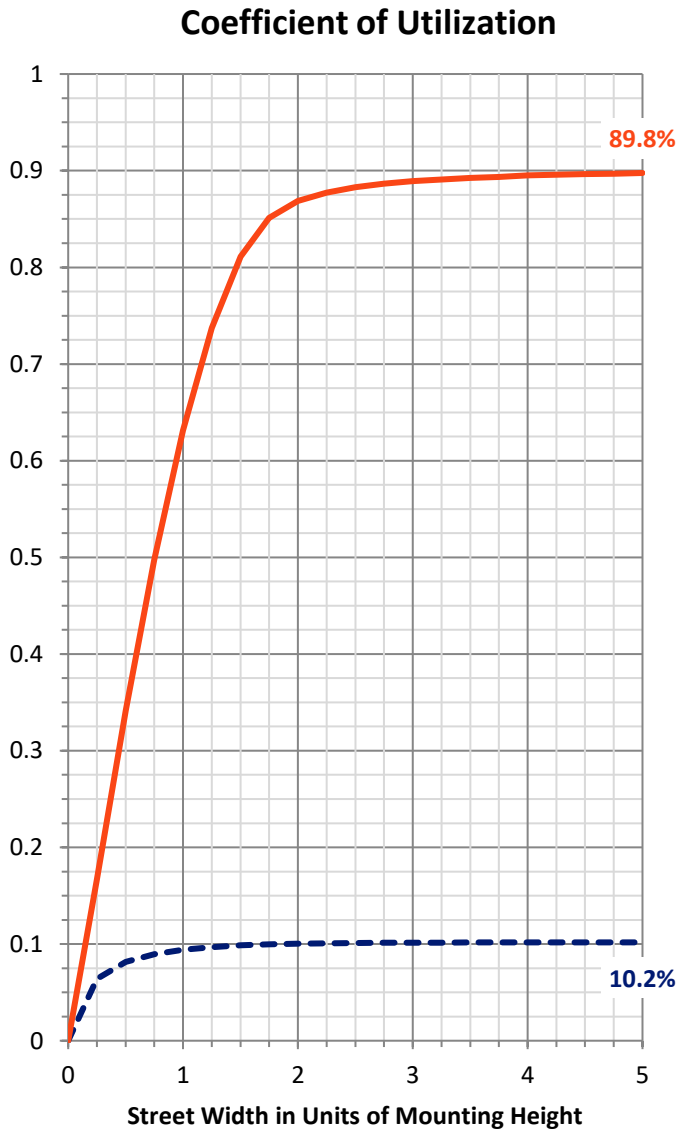
REPORT NUMBER: P1202360
CATALOG NUMBER: GWC-SB1D-830-U-SL2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	762.5	0.0	762.5
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	6687.5	0.0	6687.5
	% Fixture	89.8	0.0	89.8
Total	Lumens	7450.0	0.0	7450.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.1	1.6
10°-20°	314.0	4.2
20°-30°	496.9	6.7
30°-40°	768.8	10.3
40°-50°	1167.7	15.7
50°-60°	1609.7	21.6
60°-70°	1700.6	22.8
70°-80°	1166.6	15.7
80°-90°	108.6	1.5
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°	7450.0	100.0
0°-180°	7450.0	100.0



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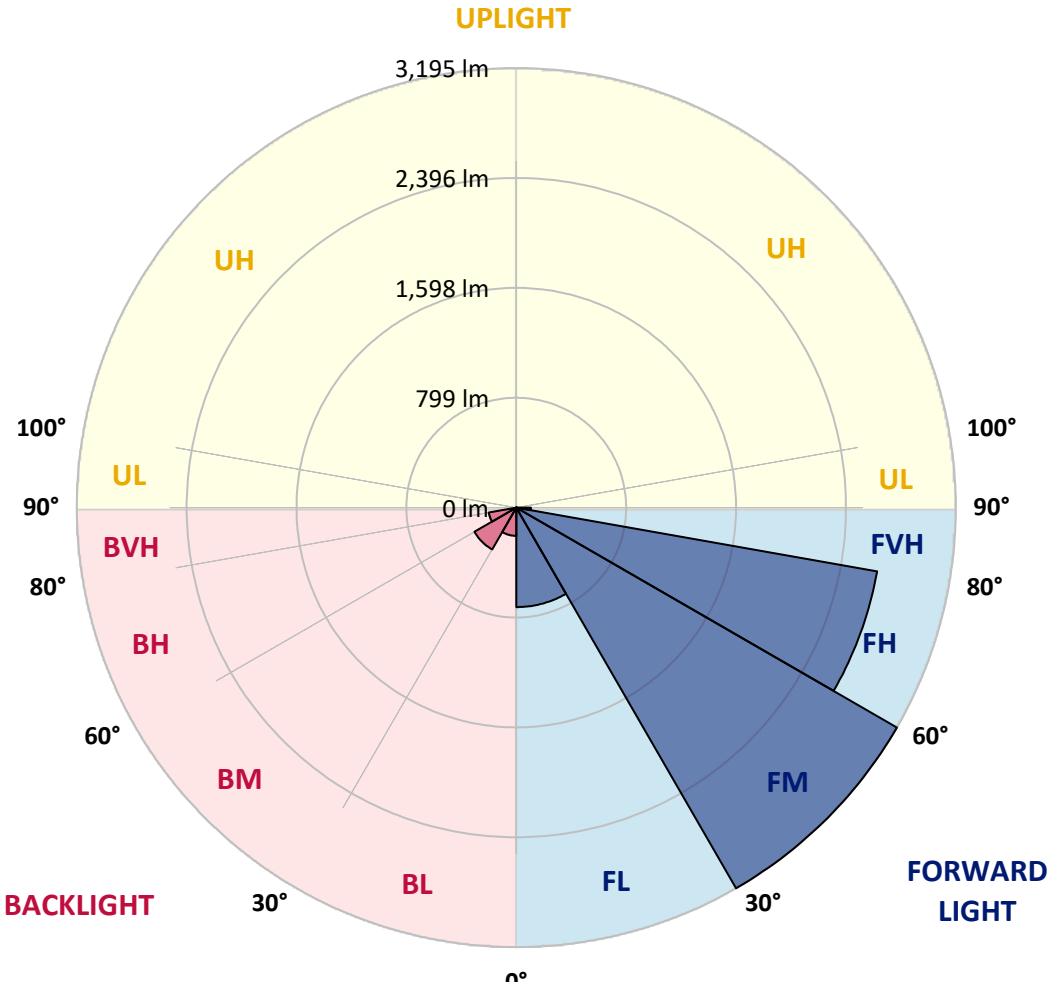
Scaled Data Report

REPORT NUMBER: P1202360
CATALOG NUMBER: GWC-SB1D-830-U-SL2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	723.0	9.7			
FM	(30°-60°)	3195.1	42.9			
FH	(60°-80°)	2663.7	35.8			G2/5000
FVH	(80°-90°)	105.6	1.4			G2/225
BL	(0°-30°)	205.0	2.8	B1/500		
BM	(30°-60°)	351.1	4.7	B1/1000		
BH	(60°-80°)	203.5	2.7	B1/500		G1/500
BVH	(80°-90°)	2.9	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-G2
Type II Medium



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REPORT NUMBER: P1202360
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	*1287.4*	1287.4
2.5°	1496.7	1476.9	1480.7	1460.9	1451.7	1429.5	1406.3	1375.9	1342.0	*1342.0*	1309.2
5°	1654.2	1641.7	1641.7	1618.5	1600.6	1565.8	1524.2	1470.6	1406.8	*1400.5*	1338.2
7.5°	1750.9	1743.1	1748.0	1734.4	1719.9	1683.7	1634.4	1564.3	1474.0	*1466.2*	1372.5
10°	1769.7	1769.2	1782.8	1786.6	1796.3	1777.9	1734.0	1653.3	1540.2	*1529.1*	1402.0
12.5°	1696.8	1687.6	1720.9	1760.1	1815.2	1839.8	1817.1	1734.4	1600.6	*1585.1*	1429.5
15°	1576.9	1578.8	1610.7	1671.1	1763.0	1850.9	1880.4	1813.7	1662.0	*1643.6*	1455.6
17.5°	1508.3	1501.0	1528.6	1582.7	1684.2	1808.4	1909.9	1887.6	1727.2	*1706.4*	1482.2
20°	1500.1	1499.6	1505.9	1530.5	1607.8	1747.5	1906.5	1959.7	1804.0	*1779.9*	1520.4
22.5°	1557.1	1556.1	1550.8	1546.0	1567.2	1688.1	1892.0	2028.3	1895.9	*1869.8*	1574.5
25°	1644.6	1643.1	1634.9	1605.4	1584.6	1656.2	1878.5	2092.1	2004.6	*1975.6*	1640.2
27.5°	1751.4	1750.4	1735.4	1691.0	1637.3	1659.1	1871.7	2157.8	2130.2	*2101.7*	1716.1
30°	1882.3	1880.4	1849.5	1786.6	1716.6	1705.0	1880.9	2231.7	2261.2	*2239.5*	1803.6
32.5°	2046.6	2041.3	2000.7	1906.0	1807.9	1766.3	1898.3	2307.6	2416.3	*2396.0*	1920.5
35°	2173.7	2165.5	2141.8	2058.2	1913.7	1841.7	1938.9	2397.5	2602.9	*2585.0*	2069.8
37.5°	2283.0	2274.7	2255.4	2186.8	2065.5	1937.9	2004.1	2517.3	2823.2	*2814.6*	2252.0
40°	2400.9	2387.3	2378.2	2304.7	2195.0	2076.6	2097.4	2657.5	3077.0	*3077.9*	2470.9
42.5°	2491.7	2486.4	2487.4	2430.8	2320.2	2240.9	2221.1	2815.5	3380.9	*3390.1*	2734.3
45°	2569.5	2565.2	2583.1	2543.4	2446.3	2348.7	2366.1	2994.3	3713.4	*3732.3*	3029.1
47.5°	2629.5	2634.3	2659.9	2634.3	2577.3	2424.6	2494.6	3187.1	4062.8	*4065.2*	3333.6
50°	2689.4	2691.3	2733.8	2721.3	2698.1	2520.7	2613.0	3402.7	4431.1	*4435.4*	3618.2
52.5°	2708.2	2705.3	2773.0	2803.9	2804.9	2639.6	2766.2	3637.6	4792.1	*4806.1*	3911.1
55°	2611.6	2619.8	2729.0	2854.7	2904.4	2803.9	2973.1	3934.8	5176.8	*5182.6*	4201.0
57.5°	2138.9	2184.4	2426.0	2717.4	2968.7	3039.3	3270.3	4282.2	5620.9	*5615.6*	4494.9
60°	1298.1	1352.2	1641.2	2279.1	2759.0	3275.6	3708.1	4820.6	6106.1	*6091.1*	4792.1
62.5°	725.9	742.3	834.6	1364.3	2098.3	3125.3	4135.8	5512.1	6757.5	*6706.8*	5084.5
65°	535.0	540.3	562.0	668.4	1031.3	2403.8	4042.0	6339.0	7672.8	*7582.5*	5434.8
67.5°	464.9	470.2	491.5	506.0	460.6	1262.8	3330.2	6797.6	8835.1	*8716.7*	5908.9
70°	391.4	394.3	428.7	438.3	329.6	480.4	2139.4	6656.0	9910.9	*9826.3*	6417.8
72.5°	*291.9*	*303.5*	*353.3*	*376.5*	*264.3*	*255.2*	*1007.1*	*5819.5*	*10093.0*	*10094.0*	*6383.5*
75°	198.1	208.8	265.8	309.8	203.9	178.8	406.4	4345.5	8788.7	*8788.7*	5595.8
77.5°	135.3	144.0	185.1	243.1	154.6	122.7	210.7	2758.0	6305.2	*6527.0*	3988.4
80°	59.9	65.2	119.4	176.4	117.4	79.3	119.4	1510.2	3813.0	*3766.1*	1563.4
82.5°	29.5	33.8	76.4	110.2	75.9	48.8	62.8	718.1	1235.7	*1174.3*	244.1
85°	5.8	7.7	41.1	46.9	35.3	21.7	23.7	220.9	148.8	*170.1*	51.7
87.5°	0.0	0.0	12.6	8.7	3.9	4.8	4.8	19.8	11.6	*13.5*	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: P1202360
CATALOG NUMBER: GWC-SB1D-830-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4	1287.4
2.5°	1291.8	1273.9	1234.7	1196.1	1156.5	1120.2	1095.1	1070.0	1054.5	1047.7	1048.7
5°	1301.9	1265.7	1183.5	1097.5	1012.4	929.3	867.0	808.5	790.1	759.7	761.6
7.5°	1317.9	1258.9	1129.4	984.4	846.2	724.4	636.5	566.4	538.4	511.3	510.8
10°	1328.5	1246.3	1057.9	864.1	677.1	540.3	456.2	405.5	387.1	370.7	370.2
12.5°	1332.9	1223.2	975.7	729.3	526.8	411.7	361.5	337.8	331.5	325.7	325.7
15°	1336.7	1200.4	883.9	599.3	416.1	344.6	324.8	317.0	312.7	308.8	308.8
17.5°	1340.1	1171.4	779.0	487.1	351.3	317.5	307.8	299.6	296.2	291.9	291.9
20°	1351.7	1143.4	685.3	402.1	316.1	298.2	287.5	278.8	275.9	273.0	273.5
22.5°	1373.4	1120.7	594.4	344.6	294.8	278.4	264.8	255.2	253.2	251.3	249.8
25°	1399.5	1092.7	508.9	307.4	274.0	255.6	240.7	232.5	230.5	231.0	230.0
27.5°	1432.9	1061.7	435.4	283.7	255.6	234.4	217.5	211.2	212.2	214.1	213.1
30°	1469.6	1033.2	377.9	267.2	239.2	215.5	198.6	194.3	197.7	200.6	199.6
32.5°	1524.2	1008.1	337.8	254.2	224.7	200.1	186.5	181.2	185.1	189.0	188.0
35°	1598.6	995.5	315.1	243.1	212.2	188.0	174.5	170.6	174.5	175.4	174.9
37.5°	1690.0	994.6	305.4	233.9	200.6	177.8	162.9	161.4	164.3	164.8	163.8
40°	1807.9	1000.8	298.2	227.1	188.5	166.2	152.2	150.8	151.7	155.1	154.6
42.5°	1957.2	1026.9	288.0	218.4	175.4	154.6	143.5	140.1	139.7	143.5	143.0
45°	2144.7	1084.5	274.5	204.4	163.8	145.0	133.9	130.0	128.5	129.5	131.0
47.5°	2349.2	1155.0	261.0	191.4	155.6	137.2	126.1	121.3	118.9	118.9	118.9
50°	2547.3	1234.7	251.8	177.8	149.8	130.0	117.9	113.1	109.2	108.3	107.8
52.5°	2743.5	1313.0	244.5	164.3	143.0	120.8	110.2	104.9	100.5	98.6	97.6
55°	2922.3	1387.5	232.0	151.3	134.3	111.2	102.5	97.1	91.8	88.4	87.0
57.5°	3093.9	1449.3	208.8	137.7	120.8	102.0	94.2	88.4	82.2	77.8	75.9
60°	3250.0	1481.2	179.8	123.2	107.3	92.3	85.1	79.7	71.5	64.3	62.3
62.5°	3368.9	1468.7	148.4	106.8	93.3	83.6	74.4	69.1	59.4	50.7	47.4
65°	3490.6	1400.0	118.4	89.4	81.7	72.0	62.3	57.0	45.9	36.7	34.3
67.5°	3648.7	1253.6	93.3	74.4	70.6	57.0	48.8	45.4	37.7	29.0	27.1
70°	3750.2	973.8	72.5	60.4	58.0	41.6	37.7	37.2	30.0	22.2	19.8
72.5°	*3471.8*	*638.4*	*55.6*	*45.9*	*41.6*	*27.1*	*29.0*	*29.0*	*21.7*	*15.0*	*13.0*
75°	2898.2	373.6	40.1	32.9	23.7	17.4	19.8	19.8	13.5	7.2	5.8
77.5°	2069.8	199.1	26.6	20.3	12.1	7.7	10.6	10.1	4.3	0.5	0.0
80°	791.6	68.6	12.6	8.2	3.4	1.4	1.0	0.5	0.5	0.0	0.0
82.5°	120.8	17.9	2.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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


HS
SS

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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

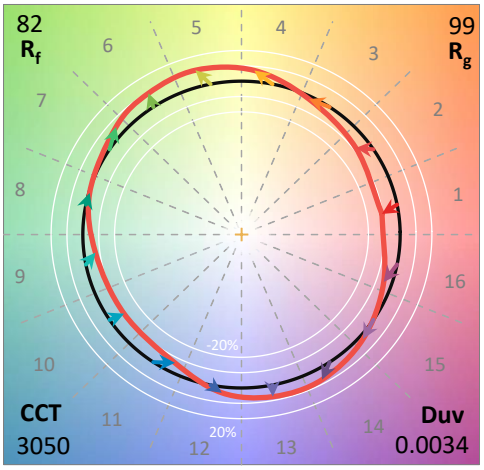
Test Information

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

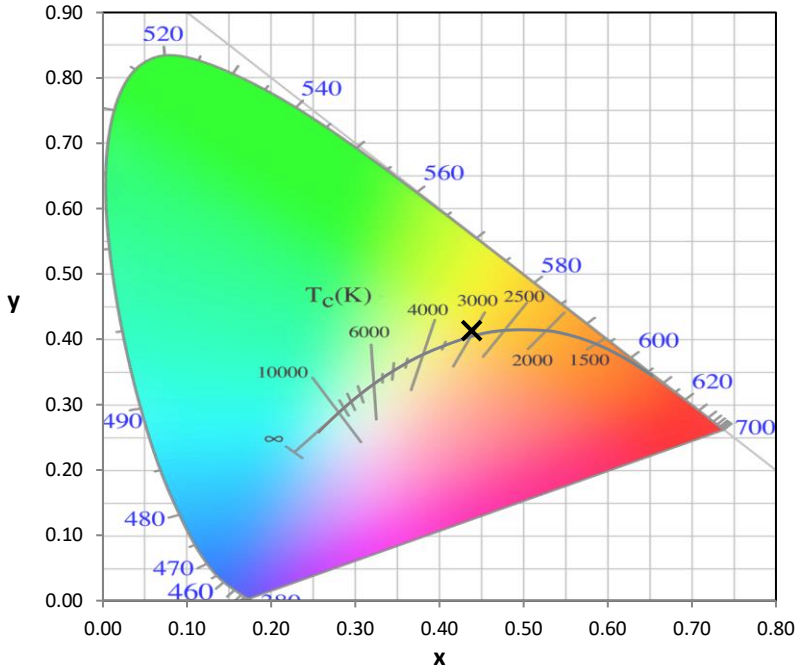
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

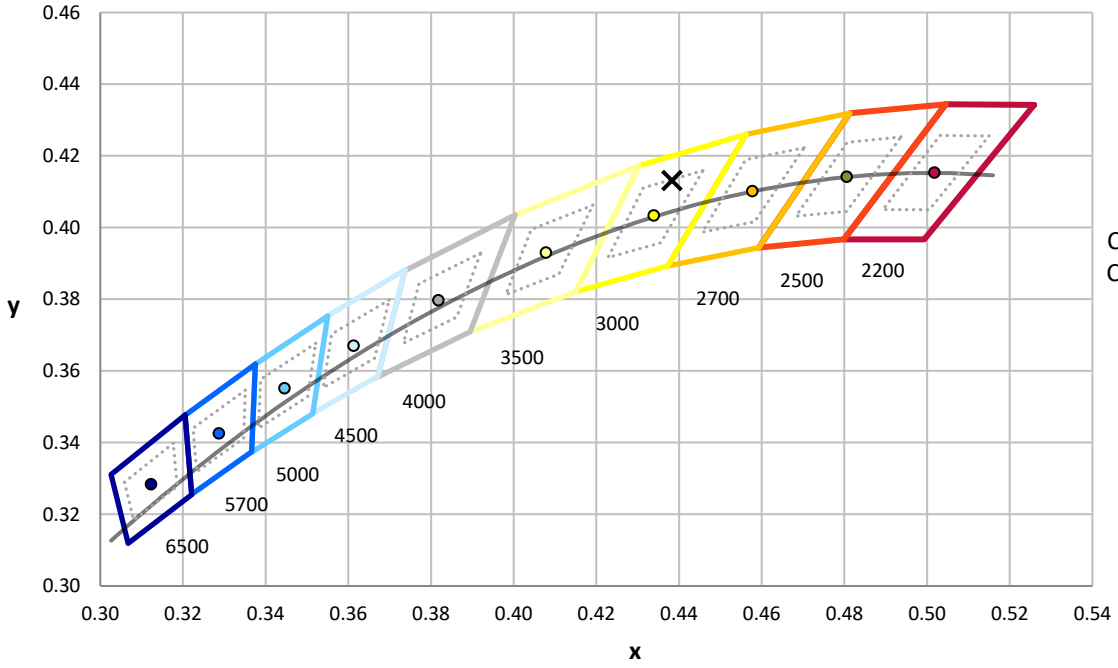
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

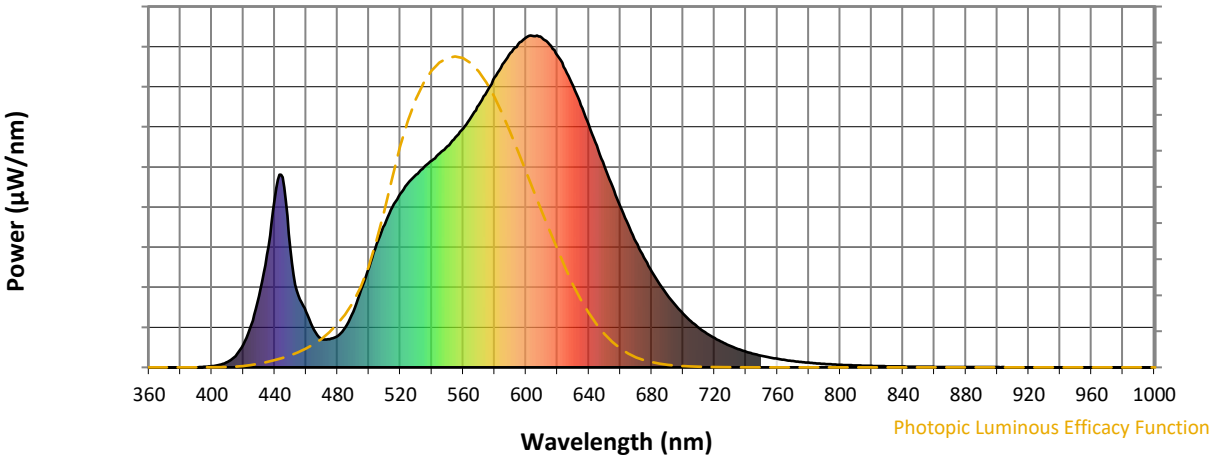


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

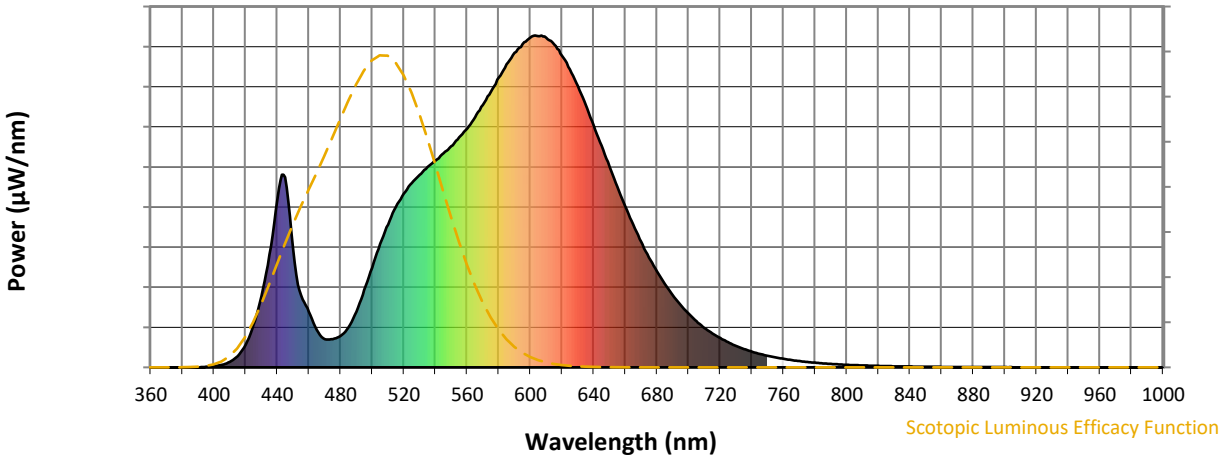


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

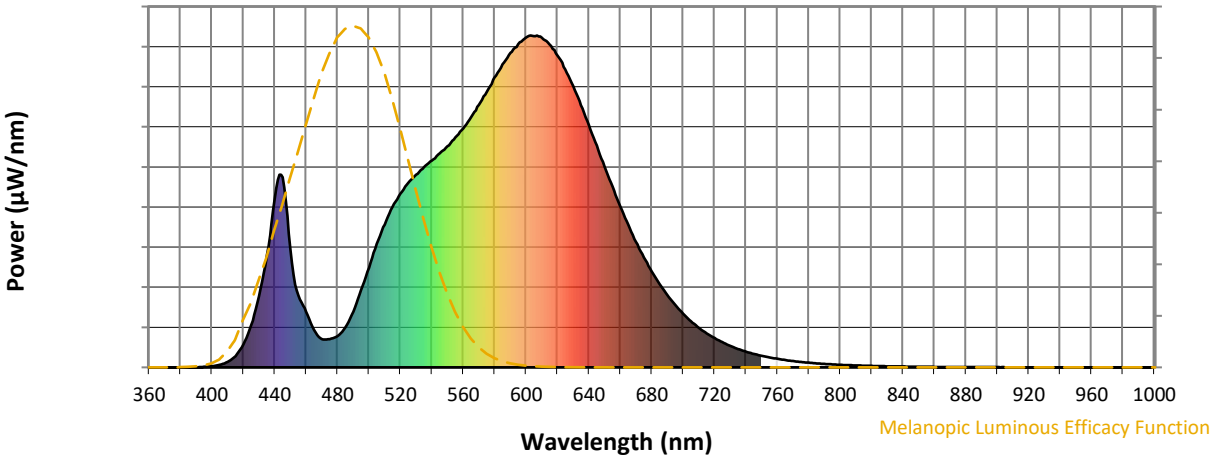


Scotopic Lumens: NR **S/P: 1.27**

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			

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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			

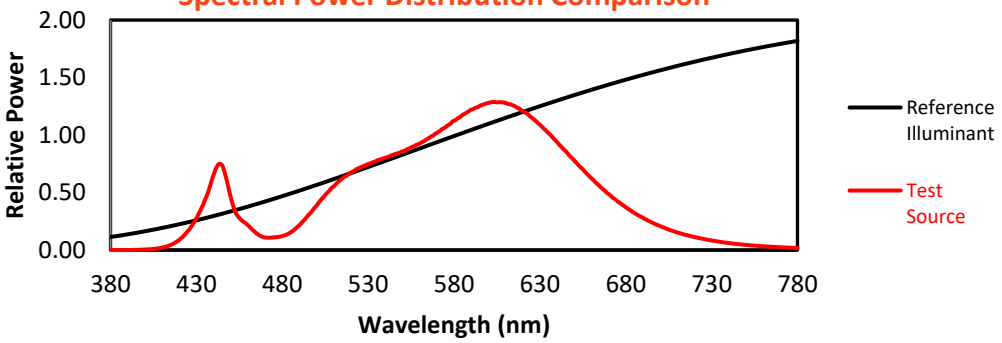
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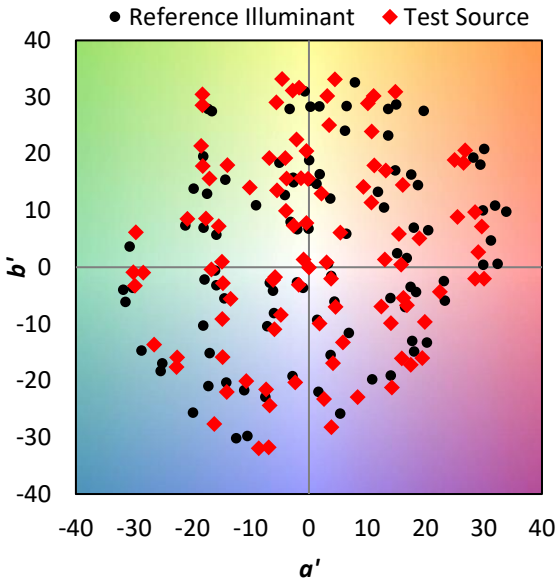
Summary

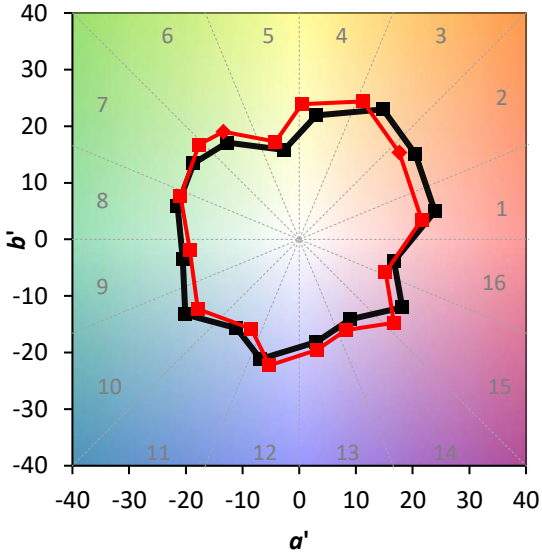
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

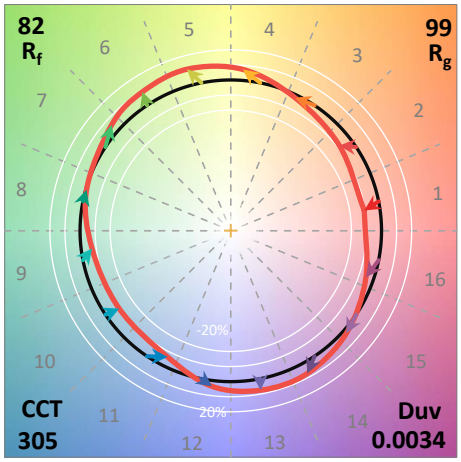
Spectral Power Distribution Comparison

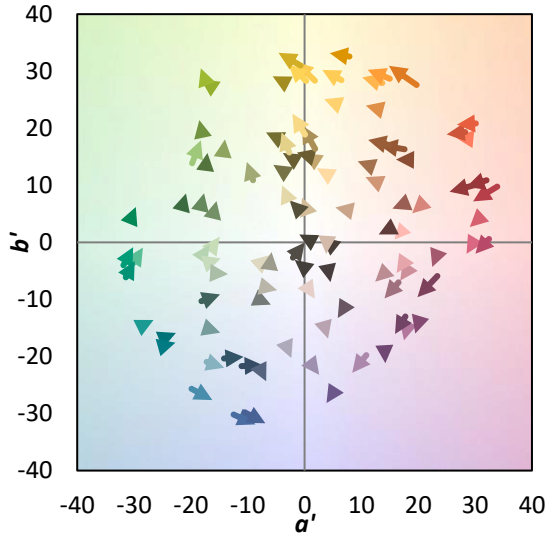


Color Vector Graphics







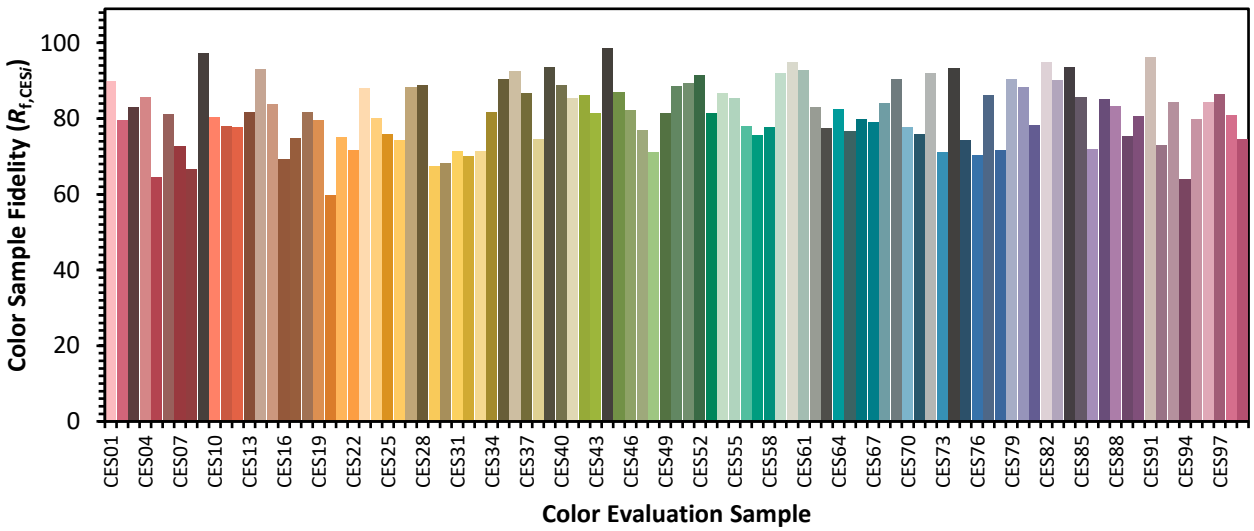


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Individual Sample Fidelity Index ($R_{f,i}$)

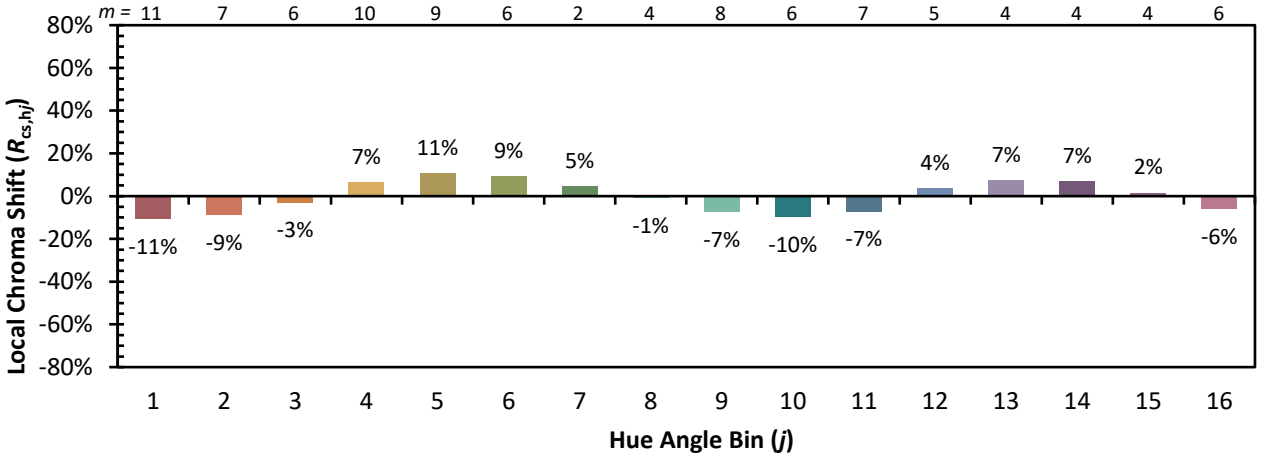
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

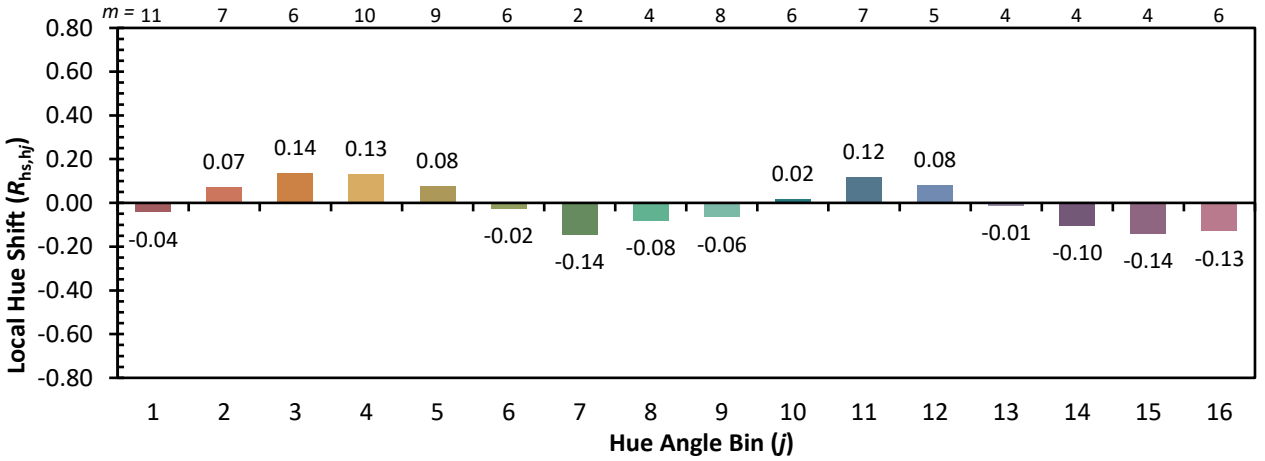


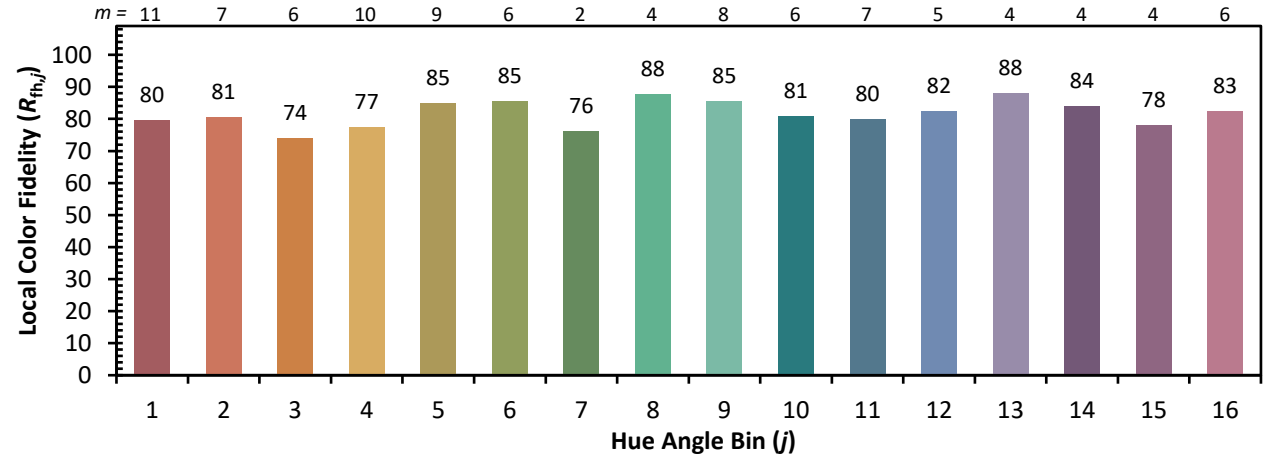
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Color Rendition by Hue-Angle Bin



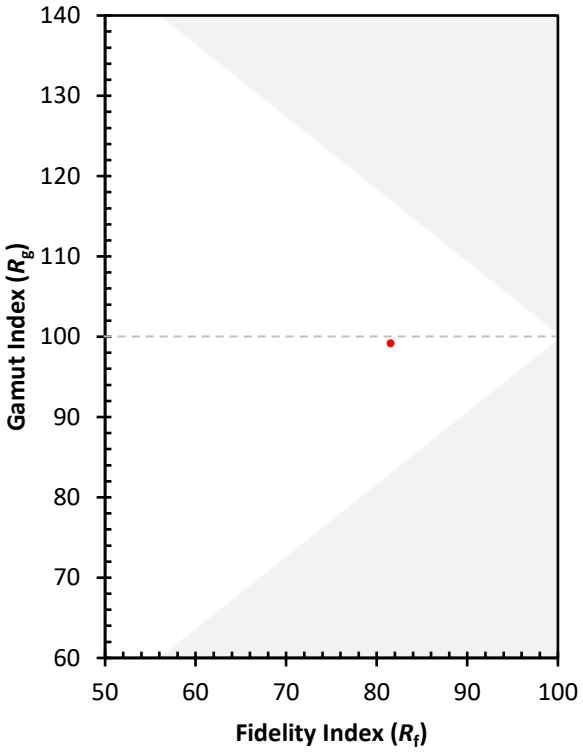


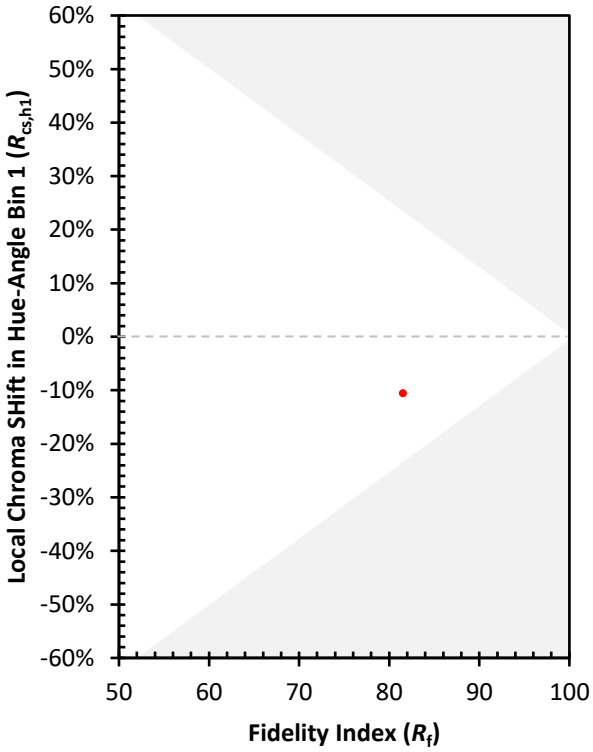


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Measure Comparisons





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