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: P1201996

Luminaire Tested: GWC-SB1C-830-U-T2-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:	P1201996
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-830-U-T2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4941 lumens
Efficiency:	N/A
Efficacy:	90.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

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

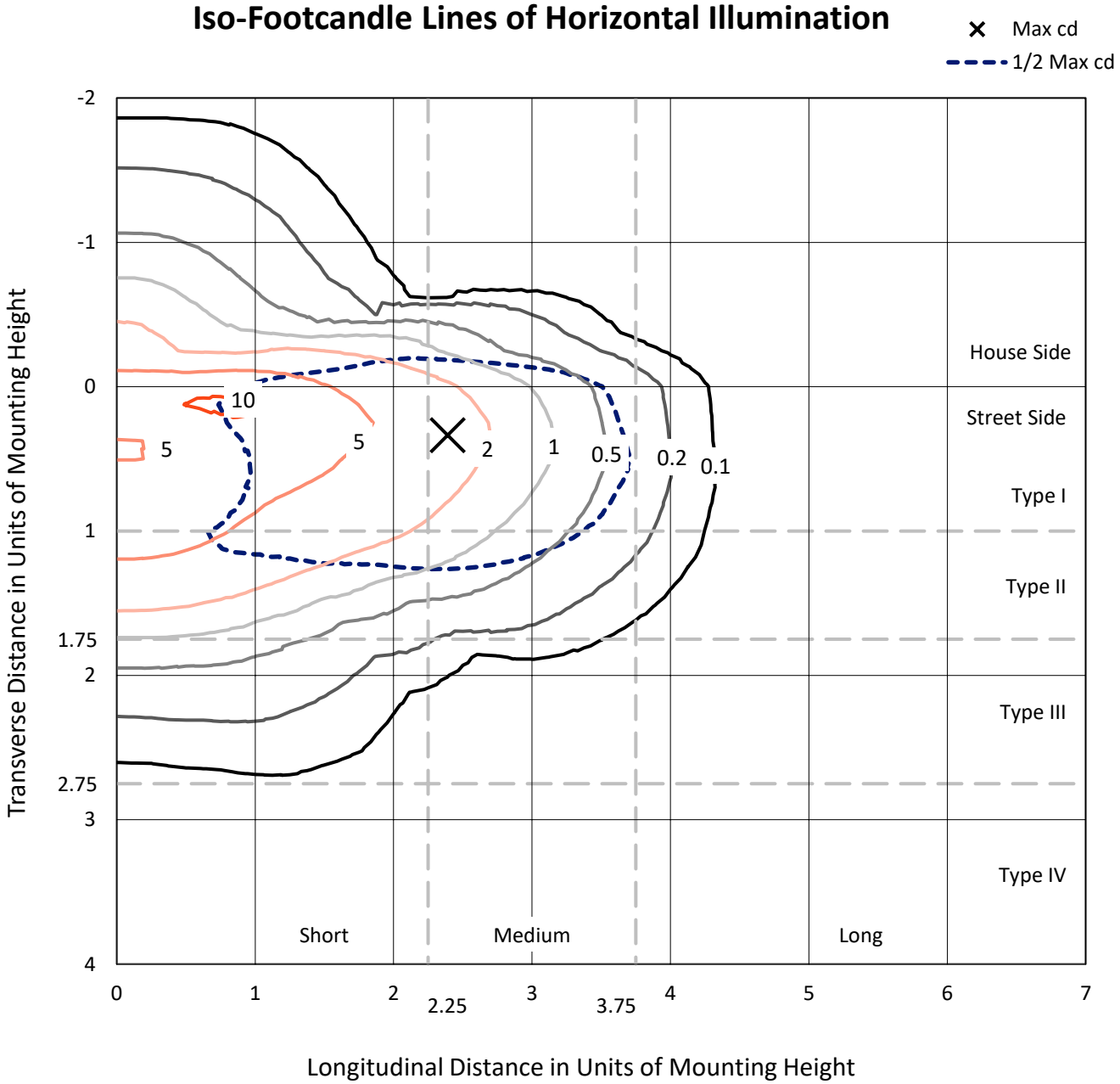


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Scaled Data Report

REPORT NUMBER: P1201996
CATALOG NUMBER: GWC-SB1C-830-U-T2-HSS

Iso-Footcandle Lines of Horizontal Illumination



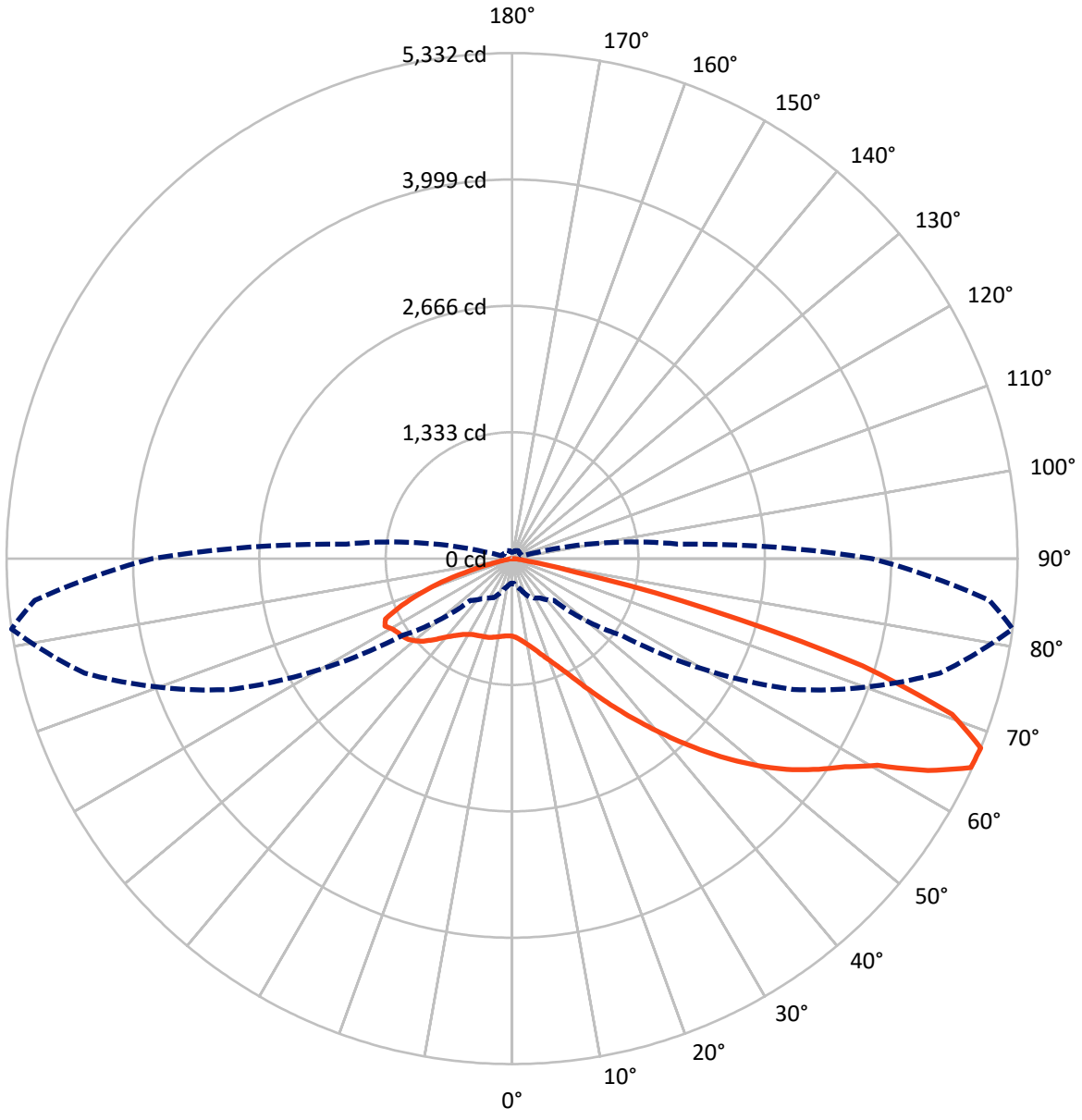
Based on 10 foot mounting height. Maximum calculated value = 11.4 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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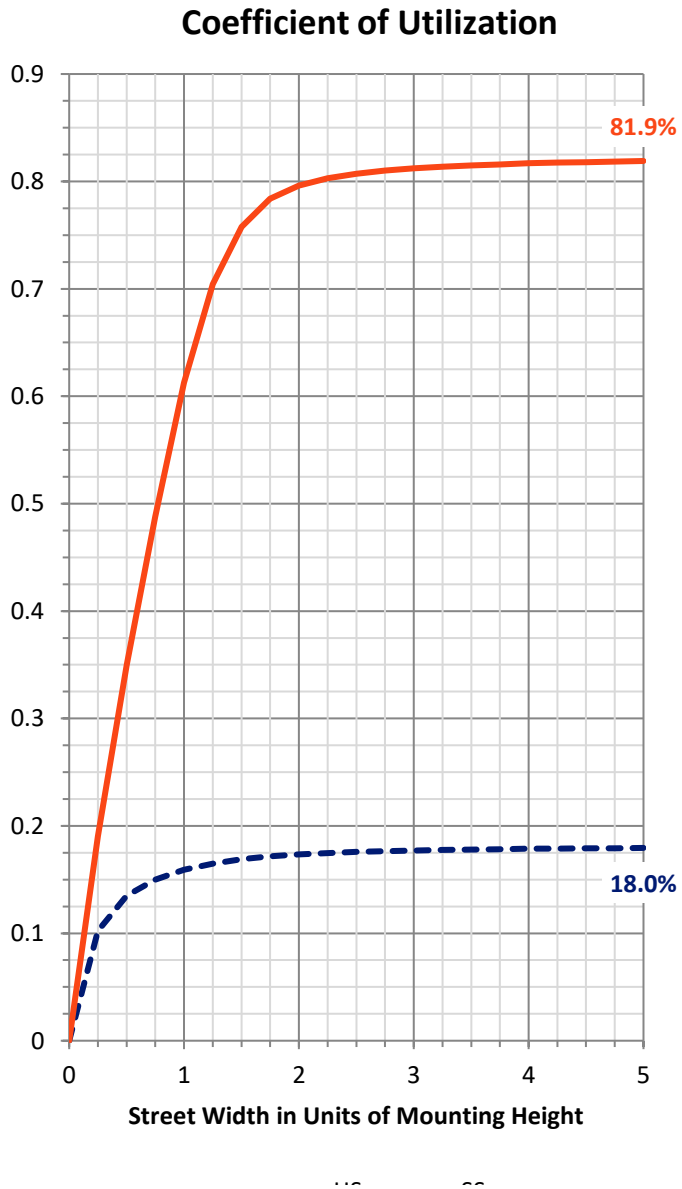
REPORT NUMBER: P1201996
CATALOG NUMBER: GWC-SB1C-830-U-T2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	895.0	0.0	895.0
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	4046.0	0.0	4046.0
	% Fixture	81.9	0.0	81.9
Total	Lumens	4941.0	0.0	4941.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.9	1.5
10°-20°	189.5	3.8
20°-30°	303.5	6.1
30°-40°	536.7	10.9
40°-50°	940.4	19.0
50°-60°	1254.3	25.4
60°-70°	1167.6	23.6
70°-80°	448.1	9.1
80°-90°	27.8	0.6
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°	4941.0	100.0
0°-180°	4941.0	100.0



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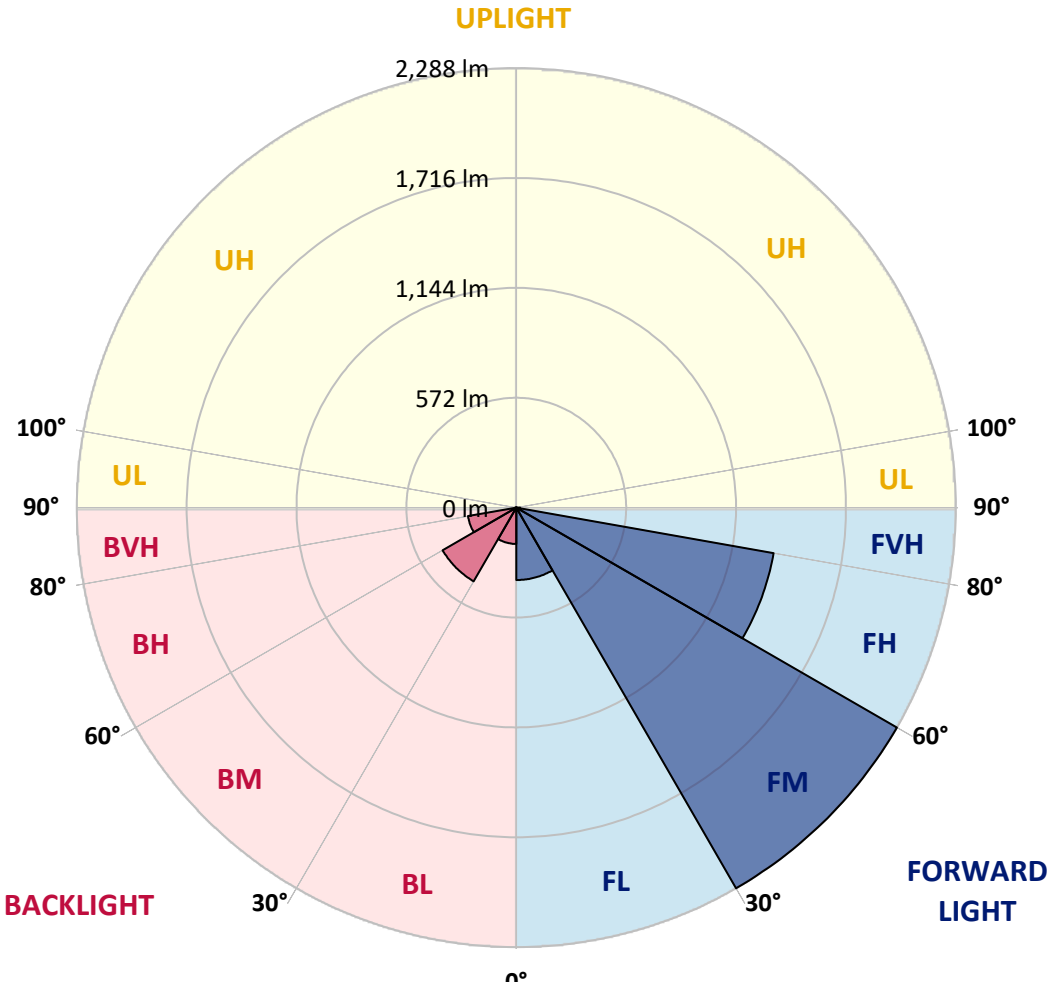
Scaled Data Report

REPORT NUMBER: P1201996
CATALOG NUMBER: GWC-SB1C-830-U-T2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	376.9	7.6			
FM	(30°-60°)	2288.5	46.3			
FH	(60°-80°)	1360.3	27.5			G1/1800
FVH	(80°-90°)	20.2	0.4			G1/100
BL	(0°-30°)	189.0	3.8	B1/500		
BM	(30°-60°)	442.9	9.0	B1/1000		
BH	(60°-80°)	255.5	5.2	B1/500		G1/500
BVH	(80°-90°)	7.6	0.2			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 II Medium



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Scaled Data Report

REPORT NUMBER: P1201996
CATALOG NUMBER: GWC-SB1C-830-U-T2-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6	*818.6*	818.6
2.5°	865.2	870.1	867.3	865.9	863.4	859.8	857.0	848.1	838.8	*832.8*	830.7
5°	882.6	887.6	887.2	888.6	890.4	891.5	890.8	880.8	867.6	*857.3*	851.3
7.5°	867.6	873.3	878.0	885.1	897.5	910.7	917.1	915.0	901.4	*887.2*	879.7
10°	825.3	831.4	842.4	859.1	885.4	913.9	937.7	948.8	940.2	*924.6*	914.3
12.5°	747.8	753.8	775.5	811.8	855.9	905.4	950.9	980.4	982.6	*966.9*	954.8
15°	660.6	666.7	689.8	735.3	802.5	881.9	958.0	1013.9	1032.7	*1019.2*	1004.6
17.5°	606.5	611.9	629.3	665.9	736.0	834.9	955.5	1049.4	1092.5	*1081.8*	1064.4
20°	590.2	594.8	603.0	628.6	686.9	786.2	939.2	1082.9	1156.9	*1150.8*	1131.3
22.5°	607.6	611.9	614.4	625.7	662.4	754.2	918.5	1117.0	1231.6	*1232.3*	1208.4
25°	647.8	652.1	649.2	656.3	672.3	744.2	910.7	1157.2	1325.5	*1333.3*	1306.3
27.5°	714.0	714.3	707.6	707.2	709.7	759.1	918.9	1200.3	1443.9	*1458.5*	1425.1
30°	846.7	841.3	815.4	787.3	774.4	804.0	941.6	1251.1	1583.8	*1609.7*	1567.7
32.5°	1051.2	1043.4	995.7	928.5	860.9	876.2	982.6	1309.1	1736.0	*1783.0*	1731.7
35°	1273.2	1271.1	1221.3	1121.3	1003.2	979.0	1049.1	1385.2	1902.1	*1976.8*	1916.0
37.5°	1479.5	1478.5	1450.0	1332.2	1188.5	1122.4	1155.8	1484.9	2080.0	*2188.2*	2116.3
40°	1668.1	1671.3	1642.8	1537.5	1392.7	1306.3	1300.9	1607.9	2277.8	*2418.3*	2332.9
42.5°	1831.0	1834.5	1805.7	1727.8	1594.4	1509.8	1479.2	1758.8	2471.0	*2665.6*	2564.5
45°	1941.6	1963.7	1959.4	1897.2	1801.5	1713.6	1693.3	1948.0	2691.2	*2927.7*	2809.3
47.5°	1972.9	1993.2	2025.2	2033.8	1975.4	1889.0	1913.2	2176.1	2913.9	*3190.3*	3055.4
50°	1895.7	1914.6	1981.1	2069.7	2110.2	2083.6	2127.0	2420.5	3141.9	*3452.1*	3297.0
52.5°	1743.5	1762.7	1846.6	1986.8	2152.2	2236.2	2341.5	2661.3	3362.8	*3700.0*	3525.7
55°	1523.3	1543.6	1651.3	1810.0	2072.2	2299.1	2520.4	2901.8	3565.2	*3923.1*	3732.1
57.5°	1223.7	1238.7	1350.7	1572.7	1870.8	2236.5	2652.4	3164.3	3755.9	*4142.2*	3936.6
60°	797.6	810.7	940.9	1188.5	1537.2	2027.4	2678.7	3457.1	4009.2	*4427.2*	4212.3
62.5°	530.4	539.3	616.5	798.3	1082.5	1625.7	2524.7	3690.8	4380.6	*4923.1*	4685.1
65°	363.9	372.8	450.0	576.7	699.4	1075.4	2081.8	3659.8	4717.1	*5316.9*	5035.5
67.5°	*259.7*	*267.2*	*332.6*	*452.1*	*506.2*	*624.7*	*1411.2*	*3264.3*	*4668.7*	*5331.8*	*5054.3*
70°	186.1	190.3	244.4	352.2	402.3	375.3	784.8	2496.6	4087.8	*4923.4*	4669.4
72.5°	130.2	131.6	169.7	268.2	324.1	273.9	373.5	1664.5	3091.7	*3864.4*	3620.0
75°	88.2	90.0	114.2	196.7	260.0	209.2	197.8	892.6	1815.0	*2139.1*	1917.4
77.5°	54.1	54.8	73.6	134.5	194.6	159.4	127.4	378.2	702.2	*689.4*	587.7
80°	30.6	30.6	47.0	83.6	132.7	102.8	89.3	160.8	222.3	*195.3*	172.2
82.5°	17.1	17.4	34.2	51.9	87.9	60.8	49.1	74.3	96.0	*85.0*	74.0
85°	7.1	7.8	21.0	24.5	42.0	30.2	19.9	31.3	35.6	*31.7*	23.1
87.5°	0.7	1.1	6.4	4.6	5.0	6.0	2.8	6.0	5.0	*5.0*	3.6
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: P1201996
CATALOG NUMBER: GWC-SB1C-830-U-T2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6
2.5°	823.9	818.6	805.0	789.4	768.8	758.8	745.3	736.0	728.2	728.9	721.8
5°	839.9	826.4	796.1	758.4	711.5	678.0	642.5	617.9	598.0	593.7	584.1
7.5°	862.0	840.6	787.6	719.7	640.3	580.2	526.5	492.0	467.4	459.6	451.8
10°	890.4	859.5	776.6	670.9	556.7	480.2	422.6	395.6	378.9	373.2	368.9
12.5°	923.5	881.2	762.0	611.5	470.6	397.0	360.4	346.8	341.5	339.7	338.7
15°	965.1	908.2	739.9	541.1	397.7	346.1	330.5	328.7	329.4	328.7	328.3
17.5°	1014.6	937.7	704.0	468.5	348.6	320.2	314.5	315.9	317.7	317.3	316.6
20°	1068.6	966.9	658.1	404.1	315.2	301.7	298.5	299.9	301.3	300.6	300.2
22.5°	1130.2	998.2	607.2	354.0	292.8	284.6	281.0	281.4	281.4	280.0	279.3
25°	1203.8	1032.7	553.9	318.4	275.7	269.3	265.0	263.6	261.5	257.2	256.5
27.5°	1291.7	1069.4	502.7	293.5	262.2	256.1	251.2	247.6	242.3	235.1	234.4
30°	1390.6	1113.8	459.3	277.8	251.5	245.5	239.8	234.4	226.6	217.7	217.0
32.5°	1506.9	1161.5	427.6	267.5	241.9	235.5	228.7	222.3	213.8	204.9	205.3
35°	1645.7	1219.1	409.1	260.4	234.4	225.9	218.4	211.3	204.9	197.1	196.4
37.5°	1796.1	1280.3	403.4	256.8	229.5	216.3	207.8	202.8	202.1	197.4	197.1
40°	1960.8	1352.9	407.7	254.7	224.1	207.0	197.8	196.7	198.5	190.3	190.7
42.5°	2135.1	1439.0	414.8	252.2	216.6	197.8	188.9	188.9	187.5	176.1	176.1
45°	2323.7	1538.2	421.9	246.2	207.8	188.5	181.8	179.3	173.2	162.2	161.9
47.5°	2513.7	1639.2	427.2	235.1	197.1	180.7	174.7	169.0	160.1	150.1	149.8
50°	2694.0	1730.0	421.6	218.8	185.0	173.2	166.8	159.0	149.4	142.7	141.6
52.5°	2855.2	1808.6	397.4	199.6	172.2	165.4	159.7	151.5	143.7	136.6	135.9
55°	2995.3	1872.3	354.7	181.4	160.8	158.7	153.0	142.7	132.0	125.9	125.2
57.5°	3129.8	1920.6	301.3	166.5	150.5	151.2	142.7	133.4	123.4	117.0	116.3
60°	3308.7	1985.4	247.2	152.6	139.4	141.6	132.3	125.6	113.1	104.9	103.9
62.5°	3594.7	2086.1	196.4	135.5	126.6	127.4	123.4	115.3	100.3	90.7	90.0
65°	3821.7	2049.1	154.7	117.0	112.1	113.1	113.1	104.2	88.2	77.2	76.1
67.5°	*3796.1*	*1754.5*	*123.4*	*98.9*	*98.2*	*98.9*	*101.4*	*93.9*	*78.3*	*69.4*	*67.9*
70°	3496.9	1395.6	98.9	82.2	85.4	83.6	90.7	85.7	70.4	61.5	60.5
72.5°	2853.4	1005.3	75.4	67.9	65.5	68.3	81.8	77.2	58.7	48.7	47.7
75°	1667.4	536.5	56.2	53.7	47.3	56.9	72.6	65.8	44.8	35.9	34.9
77.5°	542.9	187.1	41.3	39.5	35.2	45.9	61.9	55.5	36.6	28.5	27.4
80°	145.5	56.6	28.1	26.0	22.8	34.2	49.1	44.1	26.3	18.5	18.1
82.5°	58.3	23.8	16.4	14.6	12.5	23.5	38.8	35.6	19.6	11.7	11.7
85°	18.9	7.8	6.0	4.6	5.7	14.6	23.1	24.2	13.9	6.0	4.6
87.5°	2.5	1.1	1.1	1.4	1.1	2.5	7.1	6.8	3.9	0.7	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

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

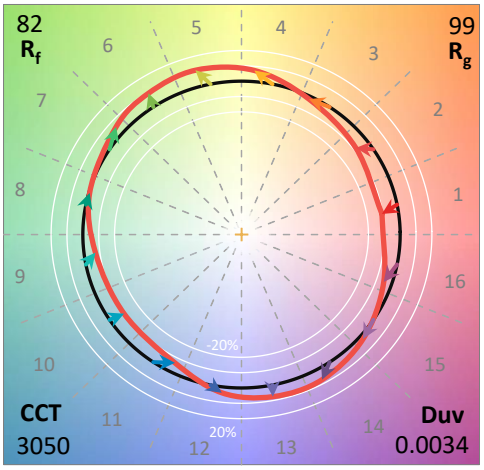
Test Information

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

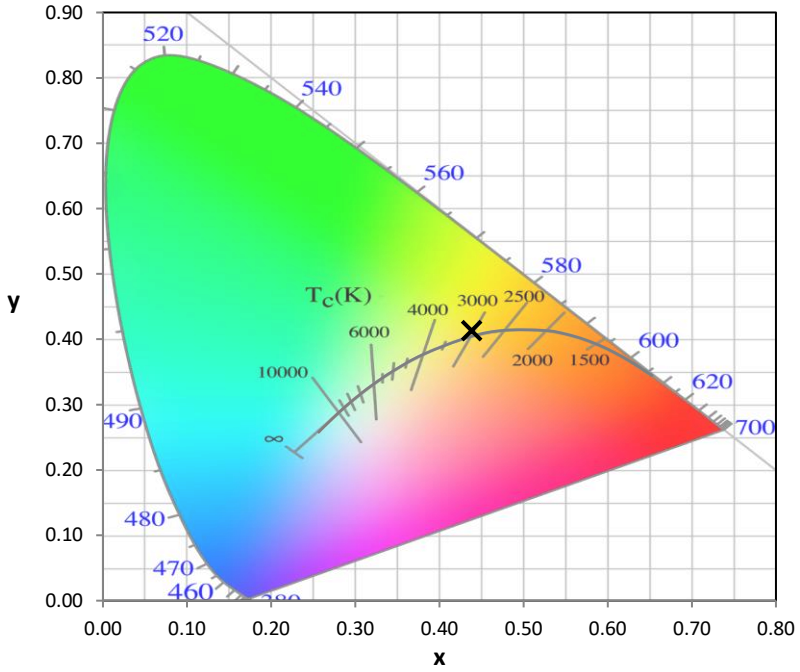
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

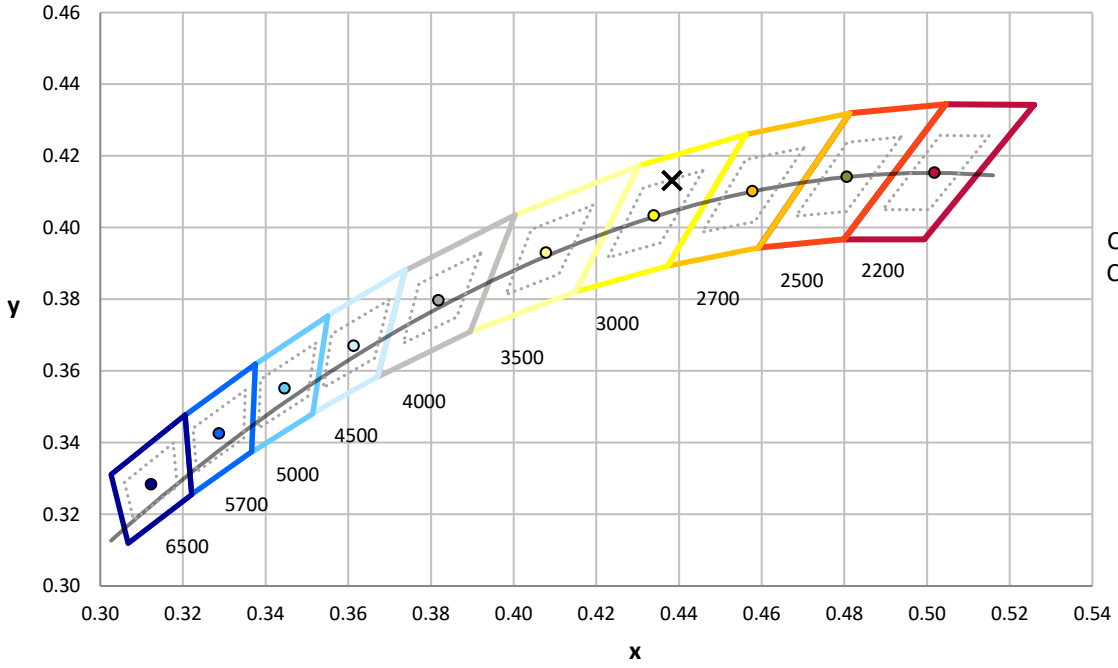
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

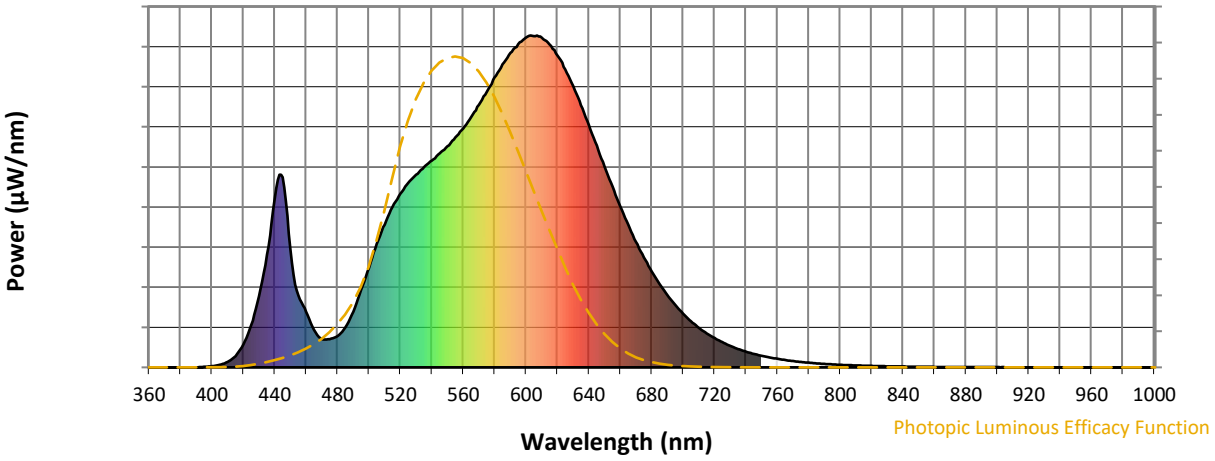


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

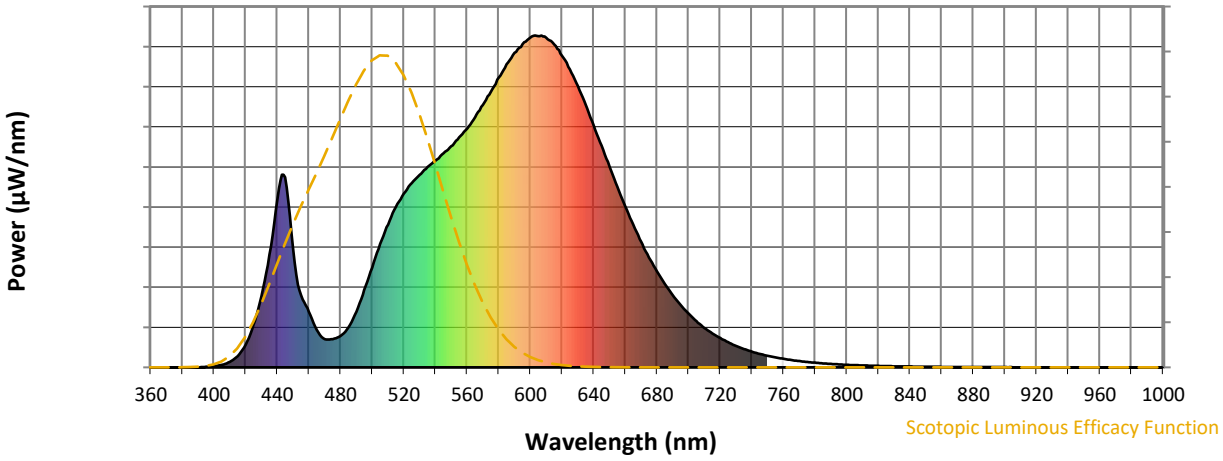


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

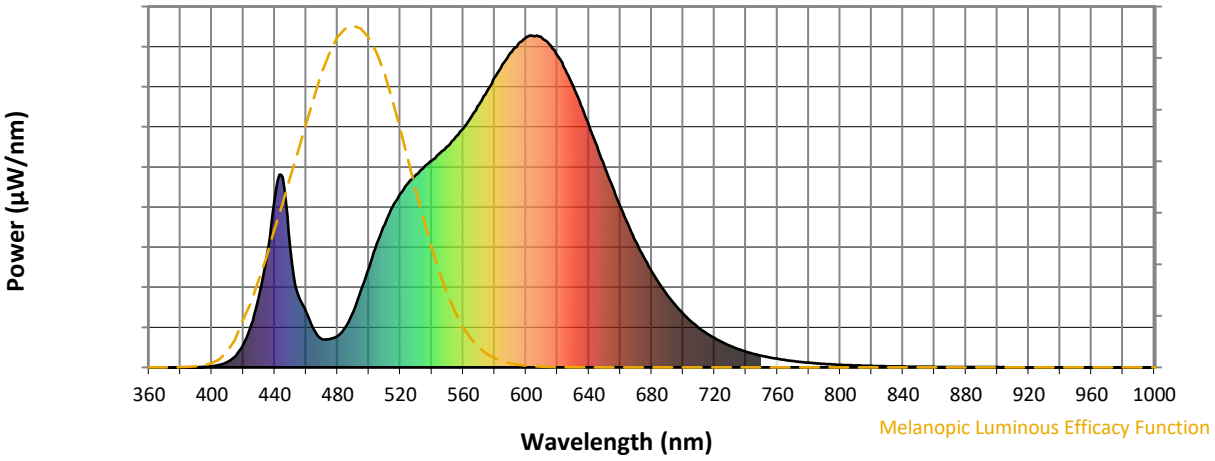


Scotopic Lumens: NR **S/P: 1.27**

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			

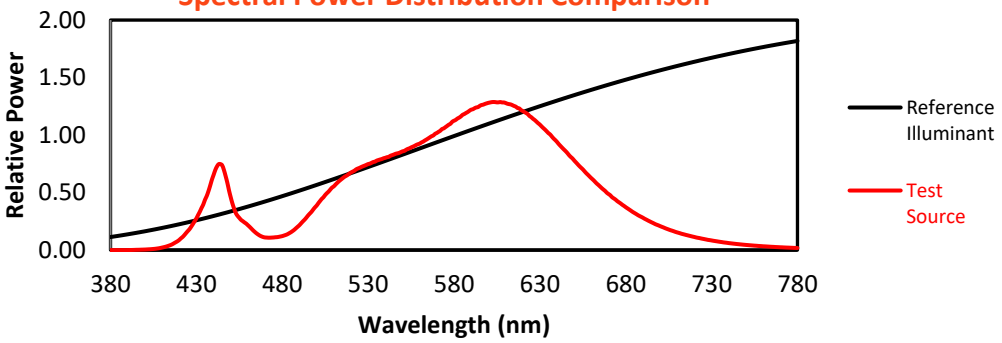
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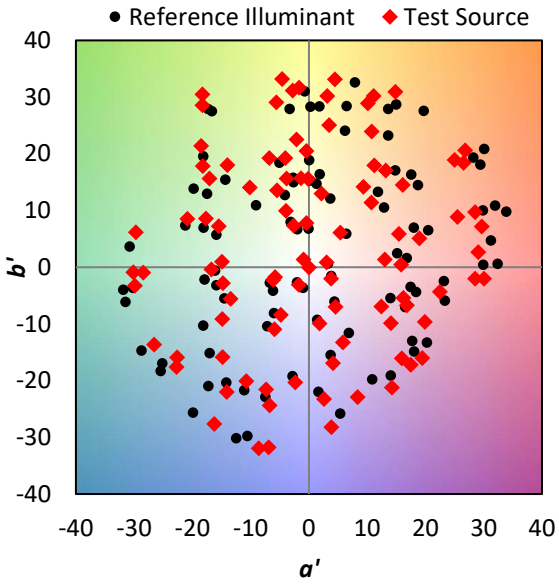
Summary

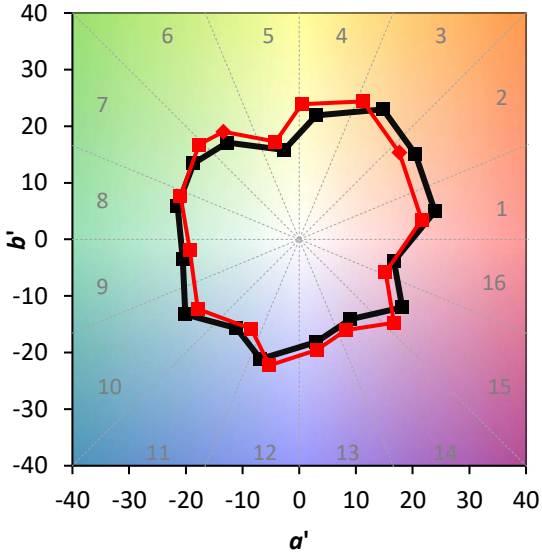
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

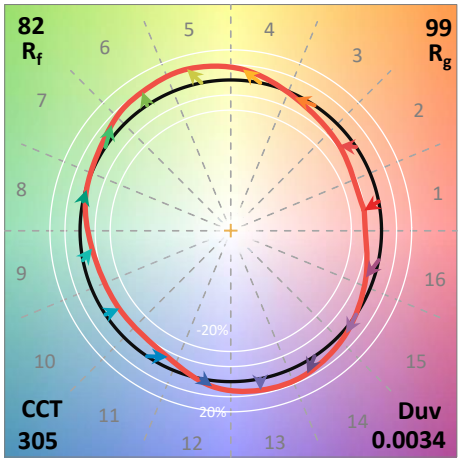
Spectral Power Distribution Comparison

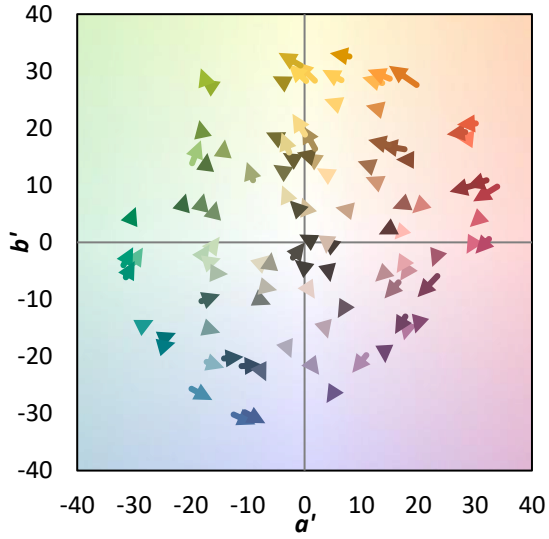


Color Vector Graphics







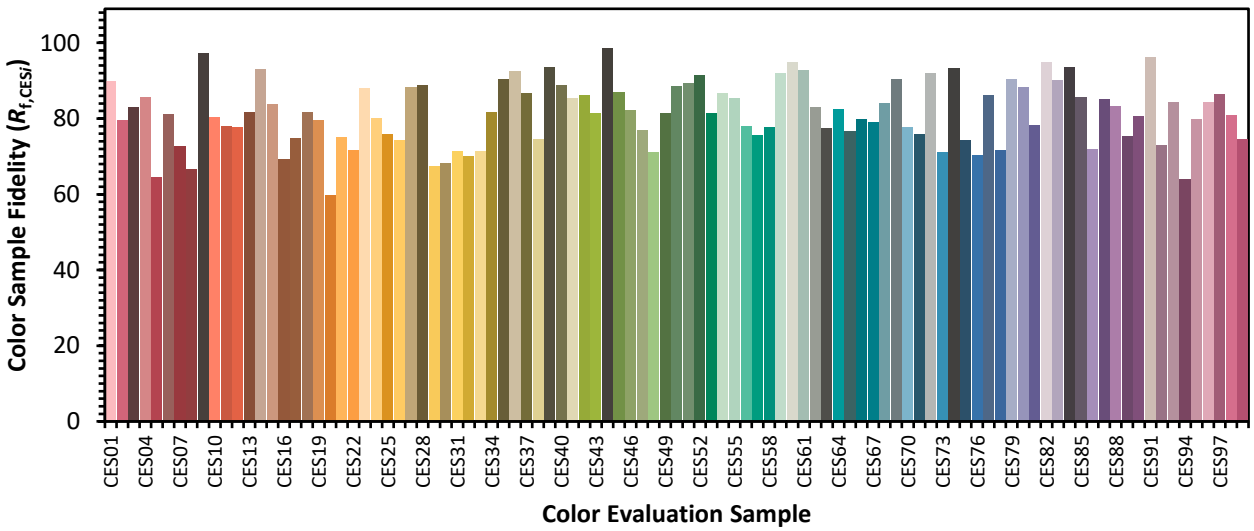


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Individual Sample Fidelity Index ($R_{f,i}$)

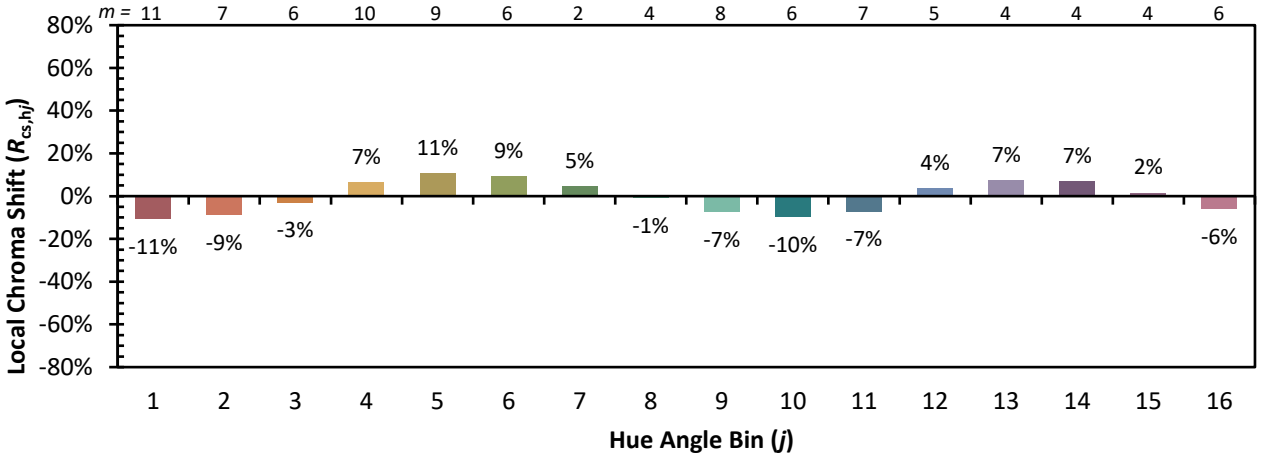
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

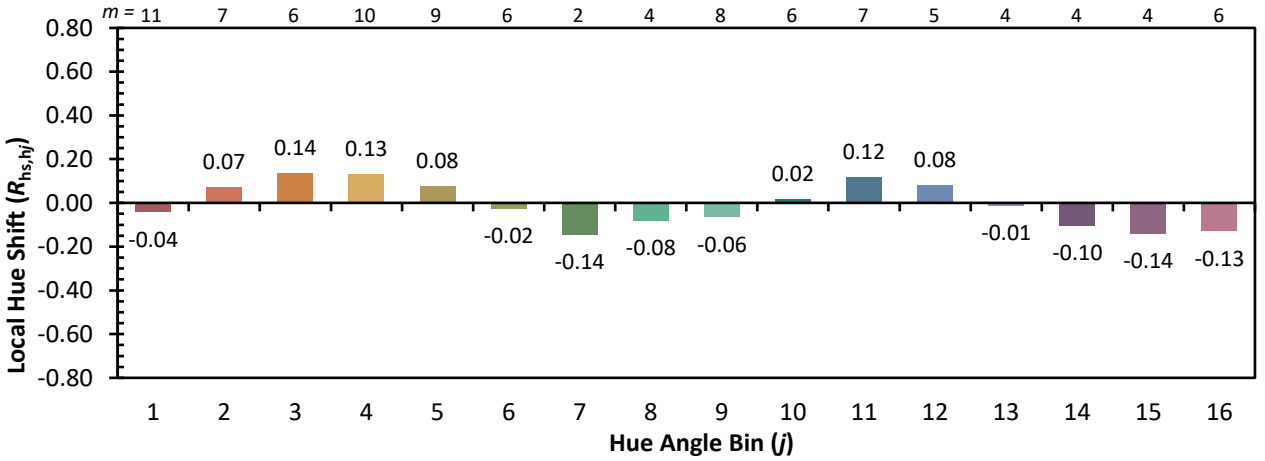


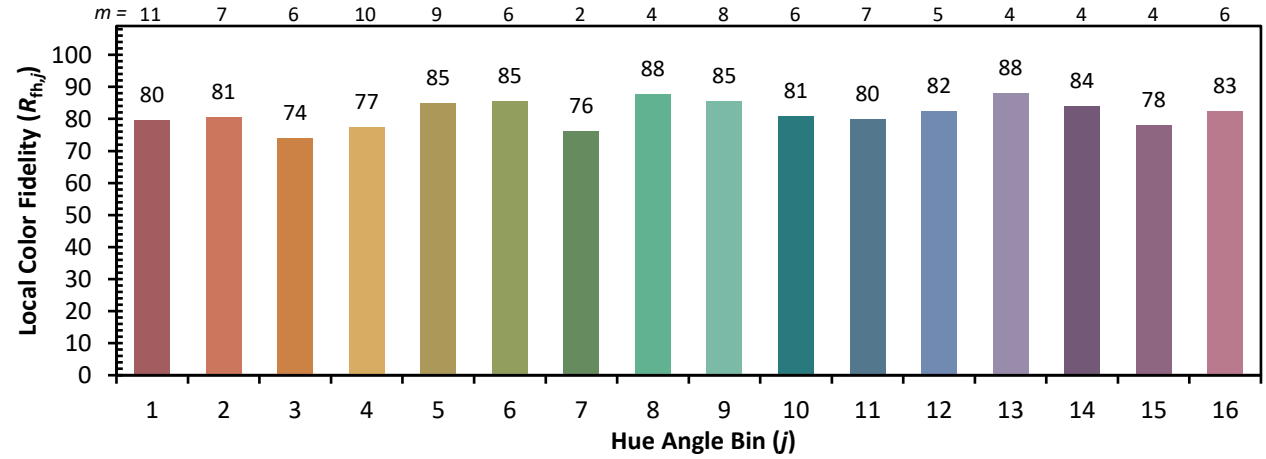
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Color Rendition by Hue-Angle Bin



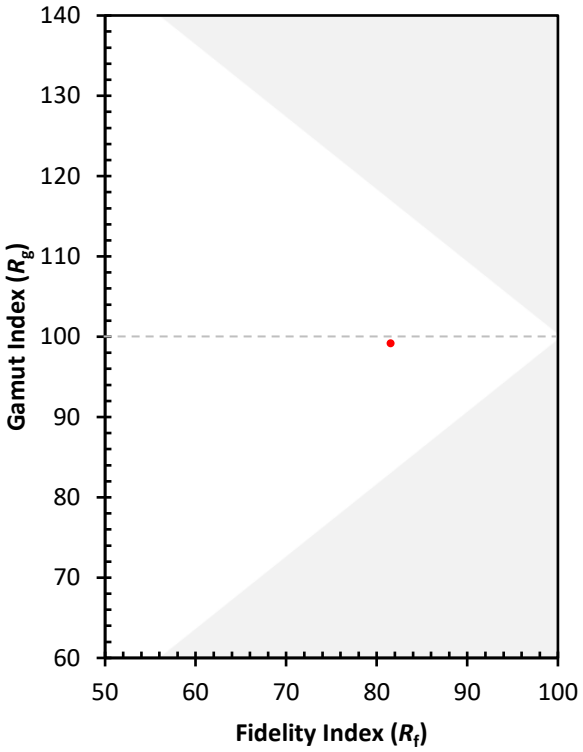


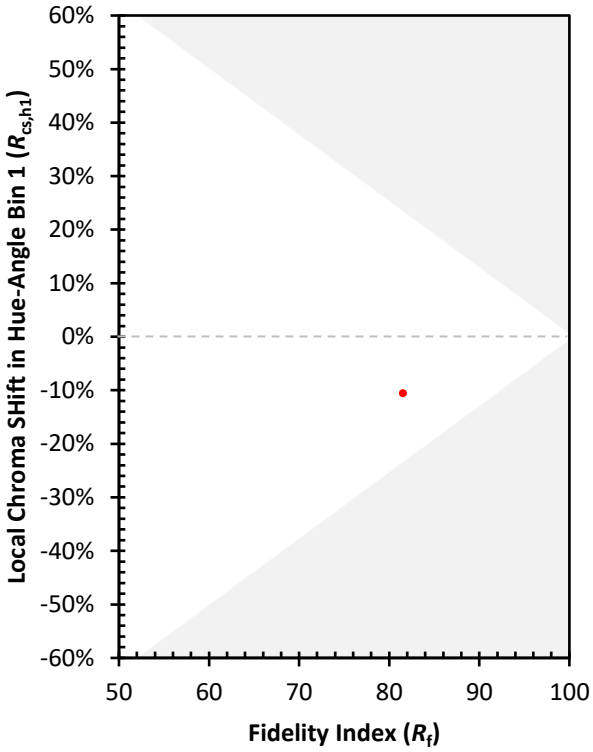


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Measure Comparisons





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