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: P1201627

Luminaire Tested: GWC-SB1B-830-U-T4FT

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:	P1201627
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-830-U-T4FT
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 3000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5028 lumens
Efficiency:	N/A
Efficacy:	126.3 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):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

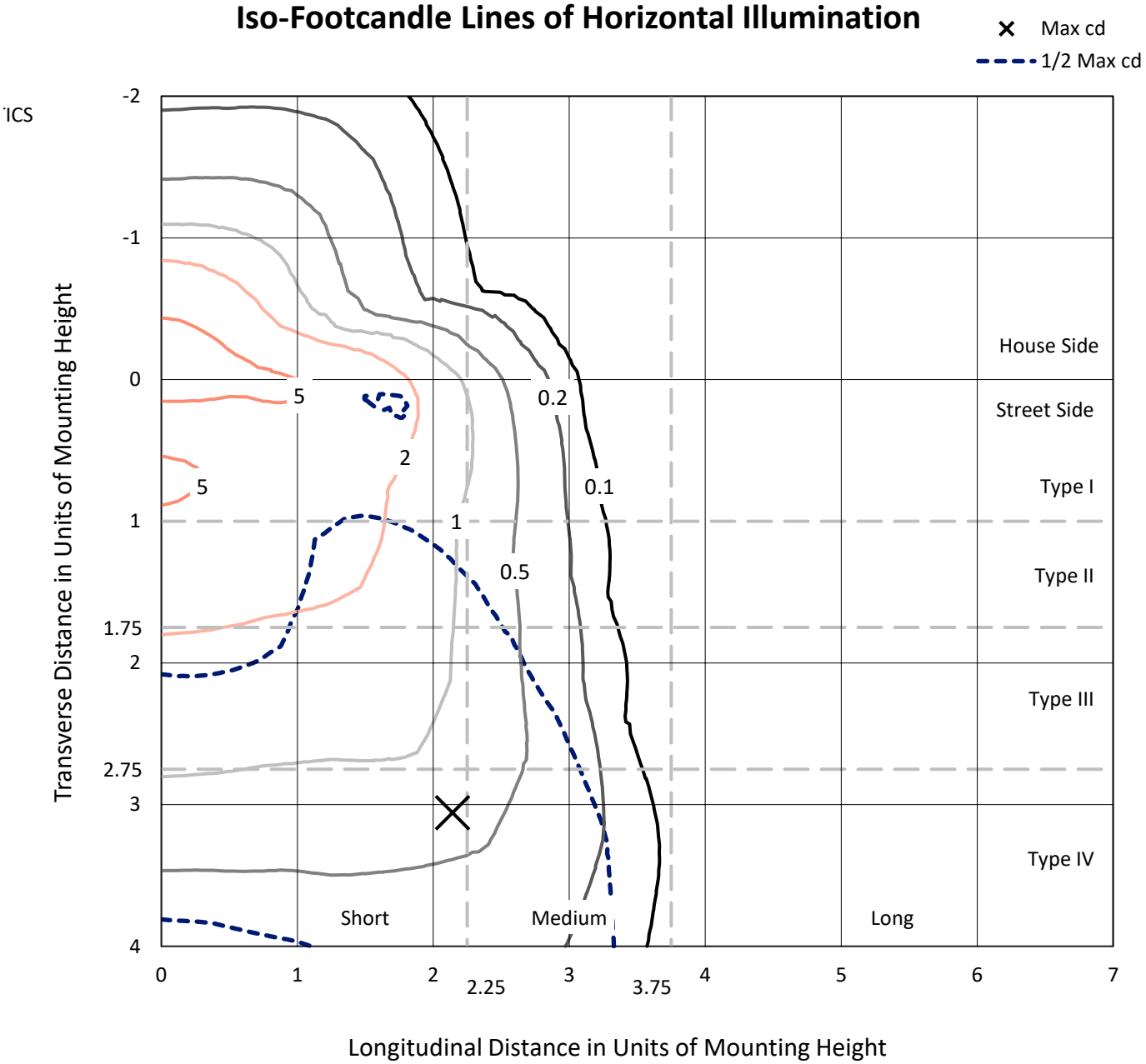


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Scaled Data Report

REPORT NUMBER: P1201627
CATALOG NUMBER: GWC-SB1B-830-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



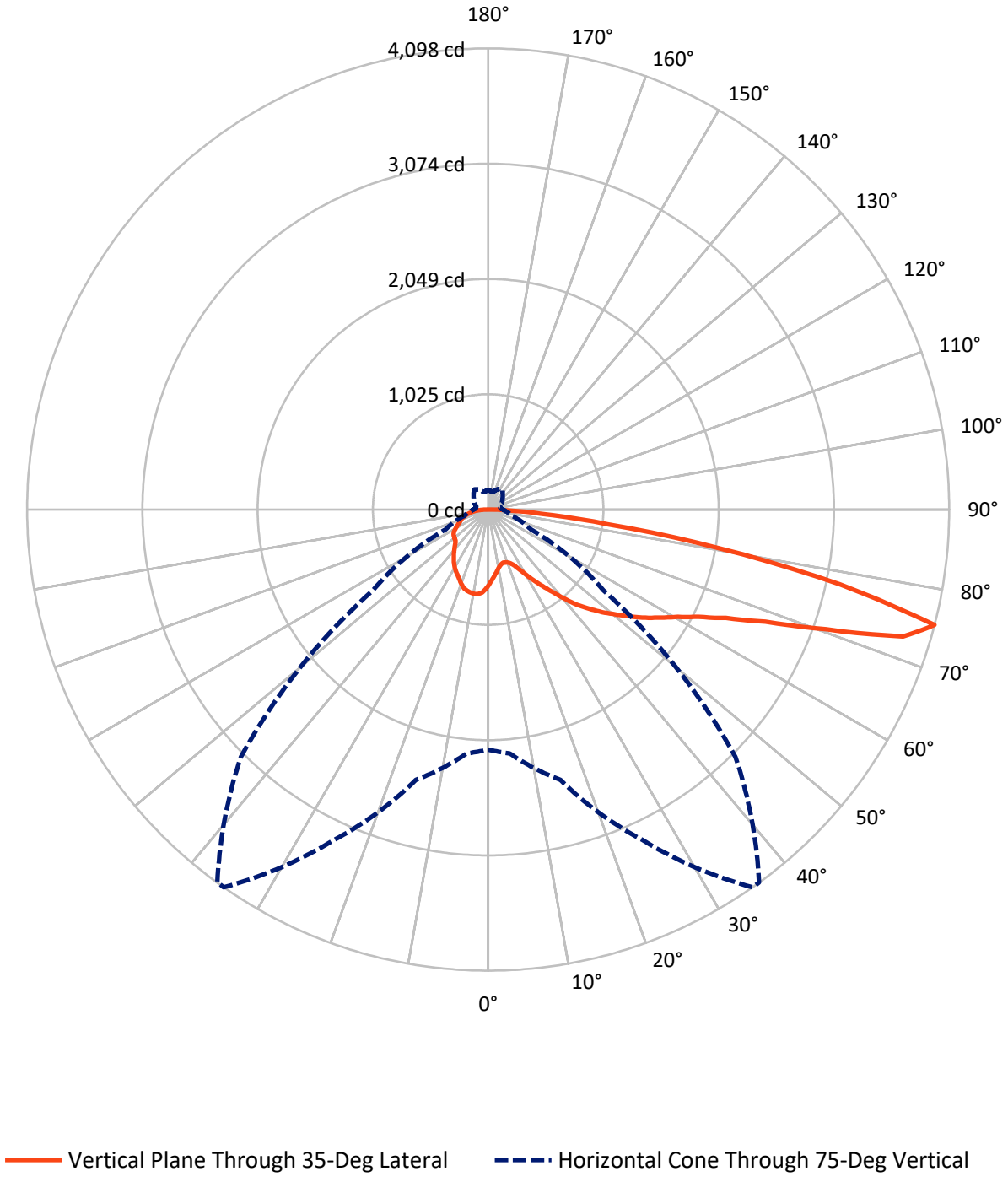
Based on 10 foot mounting height. Maximum calculated value = 5.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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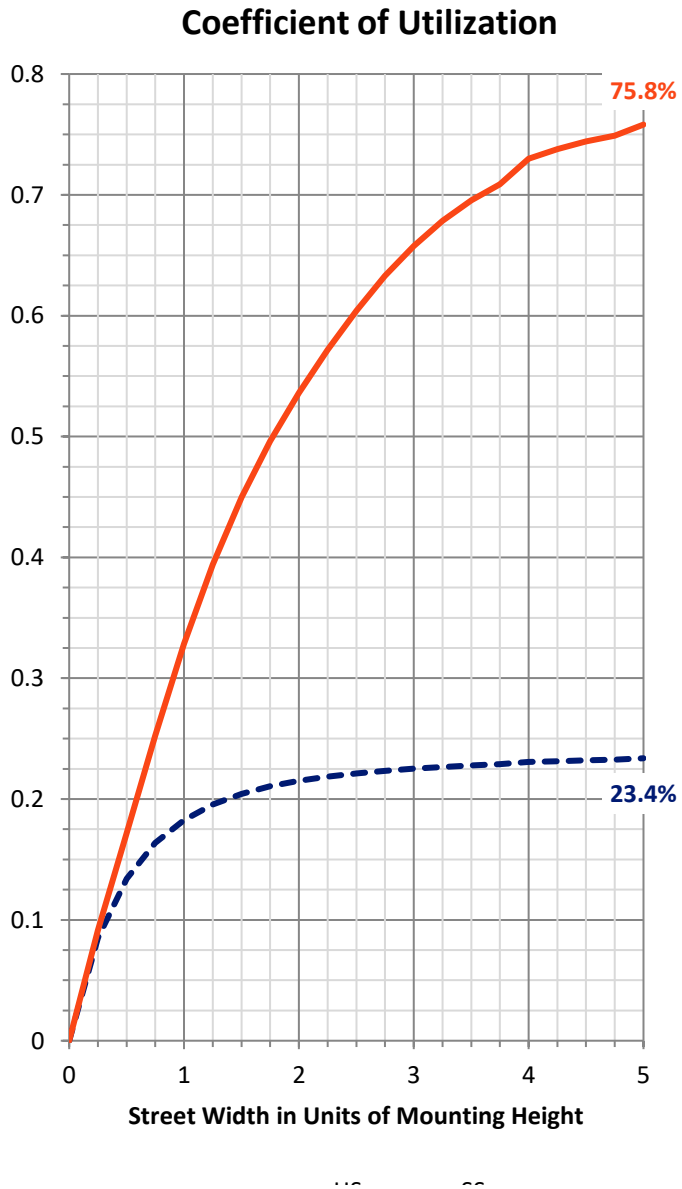
REPORT NUMBER: P1201627
CATALOG NUMBER: GWC-SB1B-830-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1196.5	0.0	1196.5
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	3831.5	0.0	3831.5
	% Fixture	76.2	0.0	76.2
Total	Lumens	5028.0	0.0	5028.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.4	1.3
10°-20°	183.0	3.6
20°-30°	307.3	6.1
30°-40°	477.5	9.5
40°-50°	708.8	14.1
50°-60°	978.5	19.5
60°-70°	1187.2	23.6
70°-80°	981.1	19.5
80°-90°	141.1	2.8
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°	5028.0	100.0
0°-180°	5028.0	100.0



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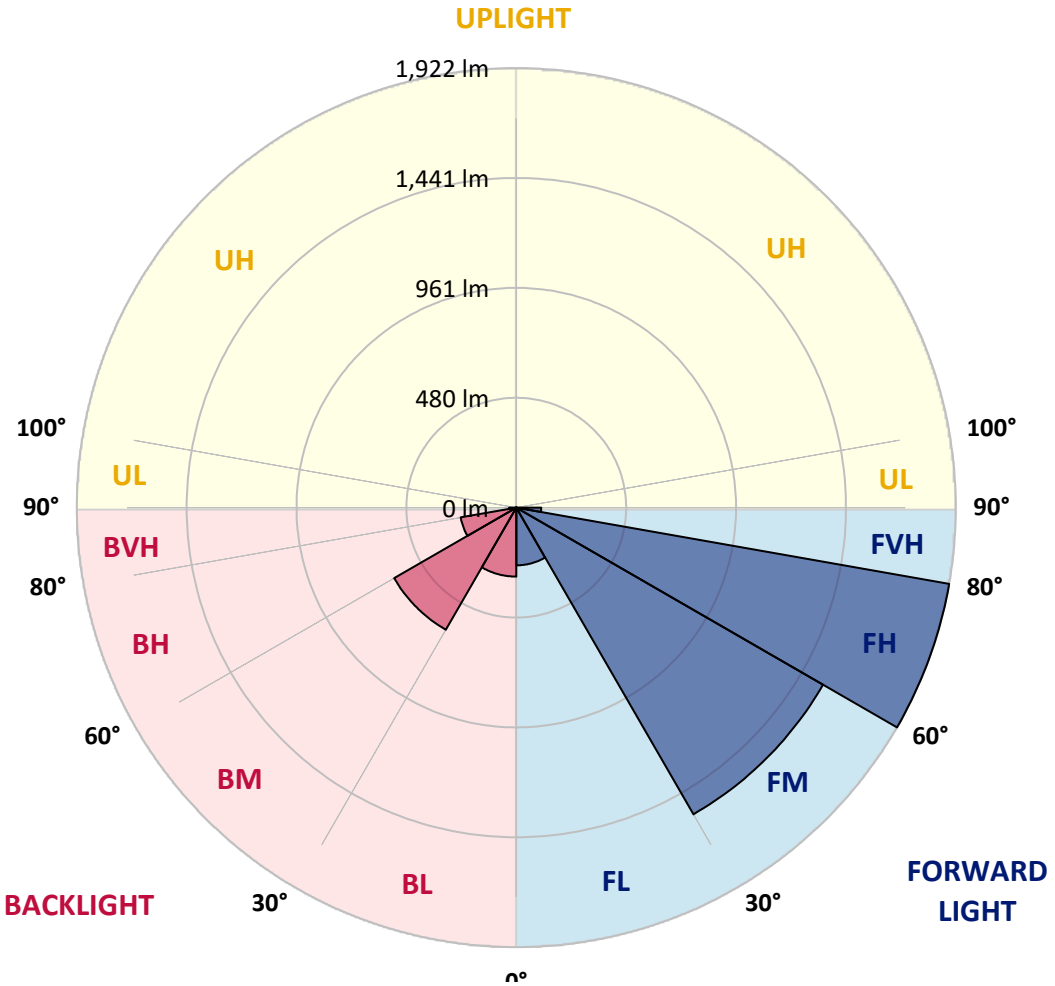
Scaled Data Report

REPORT NUMBER: P1201627
CATALOG NUMBER: GWC-SB1B-830-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	252.1	5.0			
FM	(30°-60°)	1548.4	30.8			
FH	(60°-80°)	1921.6	38.2			G2/5000
FVH	(80°-90°)	109.3	2.2			G2/225
BL	(0°-30°)	301.5	6.0	B1/500		
BM	(30°-60°)	616.5	12.3	B1/1000		
BH	(60°-80°)	246.7	4.9	B1/500		G1/500
BVH	(80°-90°)	31.8	0.6			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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0
2.5°	617.8	621.6	623.3	622.4	626.5	626.0	631.7	638.8	648.5	658.1	671.9
5°	570.3	574.3	577.9	581.1	589.0	591.5	600.4	614.0	632.0	650.2	673.0
7.5°	526.0	529.5	534.9	540.9	554.2	556.7	571.6	592.8	617.8	644.5	676.0
10°	489.8	493.3	499.0	505.8	522.4	525.4	544.4	572.7	605.3	639.0	679.3
12.5°	474.3	475.4	478.7	485.5	499.9	501.8	522.7	555.0	593.1	635.0	684.1
15°	473.5	475.7	475.9	479.5	491.4	492.3	511.5	543.6	585.5	634.1	691.5
17.5°	481.6	483.3	480.8	483.0	493.1	494.4	509.6	538.2	583.0	637.7	704.0
20°	503.4	504.8	497.4	494.4	501.8	502.9	517.8	541.7	585.5	645.0	721.1
22.5°	549.6	550.4	532.5	520.2	520.8	521.3	534.4	556.1	595.0	658.3	742.9
25°	621.6	621.1	592.5	568.9	555.3	552.3	561.0	579.5	611.0	676.0	770.9
27.5°	705.9	701.8	673.3	637.9	608.3	604.0	602.1	609.9	633.9	699.4	805.1
30°	801.0	797.2	766.5	720.3	679.3	672.2	654.2	650.2	667.8	731.2	852.7
32.5°	905.4	903.0	866.3	810.3	755.4	747.2	717.0	706.2	720.0	779.3	919.0
35°	992.9	990.8	960.3	902.7	835.5	825.5	794.8	782.5	789.6	841.0	1005.7
37.5°	1072.0	1070.9	1044.8	999.5	930.1	917.9	883.4	879.3	878.0	922.3	1110.9
40°	1145.4	1142.7	1115.5	1091.6	1040.2	1029.1	998.6	995.1	984.8	1022.3	1229.9
42.5°	1226.7	1219.6	1180.2	1169.1	1155.2	1146.0	1127.7	1128.3	1105.5	1135.1	1356.1
45°	1293.0	1288.9	1248.4	1241.9	1256.9	1253.1	1268.8	1272.9	1228.6	1253.3	1487.1
47.5°	1364.2	1360.4	1326.2	1321.5	1362.0	1363.1	1418.9	1420.2	1348.7	1376.2	1618.4
50°	1452.0	1446.6	1412.6	1418.3	1463.7	1467.8	1569.7	1560.5	1459.4	1500.9	1748.6
52.5°	1509.9	1513.2	1505.8	1515.1	1577.0	1580.9	1718.1	1694.5	1568.9	1624.1	1876.3
55°	1552.6	1559.1	1581.9	1603.1	1696.6	1700.5	1858.1	1822.0	1659.7	1738.2	1996.5
57.5°	1607.5	1598.3	1640.9	1682.2	1810.3	1820.3	1994.3	1944.8	1740.1	1836.6	2078.8
60°	1686.3	1679.8	1713.0	1774.1	1937.5	1953.5	2138.3	2055.4	1799.1	1914.6	2094.9
62.5°	1846.1	1829.8	1835.0	1889.1	2097.8	2119.0	2300.9	2151.9	1828.5	1945.1	2009.0
65°	2085.1	2057.1	2031.0	2068.5	2323.7	2344.6	2484.4	2227.8	1817.6	1886.1	1780.9
67.5°	2386.0	2358.2	2326.2	2361.5	2656.4	2673.0	2710.8	2270.4	1732.0	1658.9	1377.8
70°	2634.1	2623.8	2662.1	2807.5	3187.8	3188.3	3001.1	2235.1	1497.4	1176.1	797.2
72.5°	2601.2	2595.0	2796.9	3246.5	3857.5	3843.1	3275.9	1967.6	1008.7	530.6	298.7
75°	2134.0	2174.5	2487.3	3238.6	4098.1	4096.2	3107.6	1250.9	417.2	219.9	154.4
77.5°	1144.3	1208.5	1614.8	2391.1	3199.2	3247.3	2184.8	437.6	179.1	140.8	106.8
80°	373.2	429.2	643.6	1217.4	2078.8	2069.8	936.4	171.8	122.6	99.8	73.9
82.5°	158.5	165.0	287.6	574.9	1066.9	1050.3	298.2	98.7	86.2	68.2	45.7
85°	62.0	69.3	126.9	265.8	462.1	452.0	107.6	48.9	55.2	44.6	27.2
87.5°	20.4	24.7	45.4	91.1	143.8	138.6	26.4	16.9	23.9	20.4	9.8
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: P1201627
CATALOG NUMBER: GWC-SB1B-830-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0	670.0
2.5°	675.7	680.1	685.2	692.8	699.4	704.8	710.5	714.0	715.4	719.5	719.2
5°	680.6	690.1	702.9	715.4	727.6	735.0	741.5	744.8	747.8	749.9	750.5
7.5°	688.8	701.0	721.1	737.4	747.8	753.7	758.1	757.0	758.1	758.6	759.4
10°	695.8	713.0	736.9	752.4	760.3	760.5	759.4	755.6	753.7	754.0	754.5
12.5°	704.3	723.3	749.1	762.2	764.3	758.4	753.7	747.2	744.8	743.7	743.1
15°	715.7	737.4	762.4	767.3	761.9	754.3	746.4	735.8	730.4	726.0	727.4
17.5°	729.5	753.5	772.8	769.2	757.5	745.0	732.3	716.2	705.1	700.5	700.7
20°	748.8	770.3	780.6	765.1	747.5	728.5	706.7	687.1	676.8	672.2	671.6
22.5°	772.2	792.9	788.3	758.1	733.1	702.6	675.5	661.0	655.9	652.6	653.2
25°	800.2	817.9	793.7	747.8	709.4	668.4	647.5	642.8	640.4	637.9	637.9
27.5°	836.6	846.1	797.8	732.5	672.5	632.0	624.4	625.2	624.4	620.3	621.1
30°	884.7	882.8	801.6	707.8	630.1	599.1	599.6	603.1	603.7	601.0	602.3
32.5°	948.1	928.8	803.5	675.7	589.6	570.3	570.8	574.6	577.3	572.7	574.9
35°	1024.7	982.3	800.5	635.5	558.3	542.8	538.7	539.8	540.6	536.3	539.3
37.5°	1114.2	1042.4	787.2	590.9	532.5	515.9	507.2	499.9	495.5	491.4	494.2
40°	1212.3	1107.9	762.7	547.4	503.7	487.4	474.3	460.4	445.8	440.3	442.8
42.5°	1315.0	1175.3	733.1	505.8	470.5	457.2	443.3	423.2	401.2	390.0	391.4
45°	1421.6	1244.4	704.0	464.8	436.5	430.8	414.8	390.6	366.7	352.5	351.5
47.5°	1525.9	1309.6	661.3	423.5	404.7	411.0	398.5	376.2	349.5	327.3	324.8
50°	1625.7	1370.7	591.5	381.6	378.9	405.0	393.0	361.0	330.5	302.0	299.5
52.5°	1724.6	1420.2	502.0	343.6	365.0	403.4	386.0	350.6	313.4	283.5	280.2
55°	1808.6	1445.8	415.9	311.0	344.9	389.5	377.5	338.4	289.2	257.4	254.7
57.5°	1856.5	1425.1	344.1	278.9	317.2	366.7	363.1	312.3	260.4	235.9	232.7
60°	1835.8	1341.4	285.4	250.9	290.8	341.9	338.1	286.5	238.4	215.3	212.0
62.5°	1721.9	1181.8	238.9	226.4	266.9	316.7	313.1	266.6	221.5	199.2	195.7
65°	1492.5	961.4	202.8	206.0	242.7	286.2	291.4	250.1	208.2	186.5	182.9
67.5°	1138.3	696.4	174.5	188.4	219.1	256.3	271.3	238.1	197.1	176.4	173.1
70°	648.8	395.5	150.6	171.2	198.2	228.6	255.8	228.6	185.1	168.0	165.8
72.5°	246.0	181.6	130.2	154.1	178.0	205.2	238.7	213.6	171.2	158.5	156.3
75°	*131.3*	*110.6*	*109.5*	*134.0*	*154.9*	*182.4*	*217.2*	*199.0*	*160.9*	*167.4*	*172.9*
77.5°	89.4	78.3	91.6	114.7	129.7	157.1	194.3	176.7	139.4	138.9	128.0
80°	62.0	55.4	74.5	92.4	100.3	132.1	169.6	151.7	113.6	106.0	101.4
82.5°	37.2	36.2	55.7	69.0	70.9	101.9	140.5	127.2	93.0	81.0	81.5
85°	20.4	21.5	35.6	40.5	41.3	71.2	110.1	98.4	71.5	60.1	60.6
87.5°	5.7	7.3	13.0	16.0	19.8	37.0	65.5	58.4	35.9	25.0	25.0
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

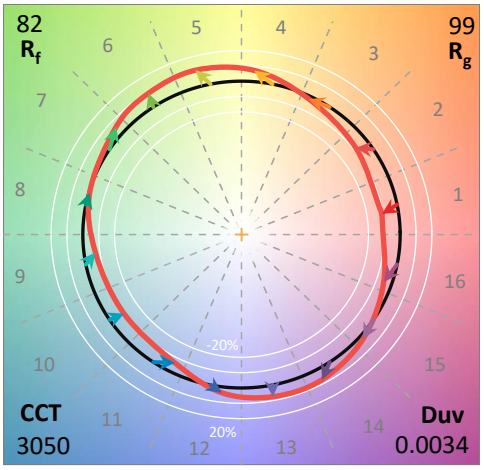
Test Information

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

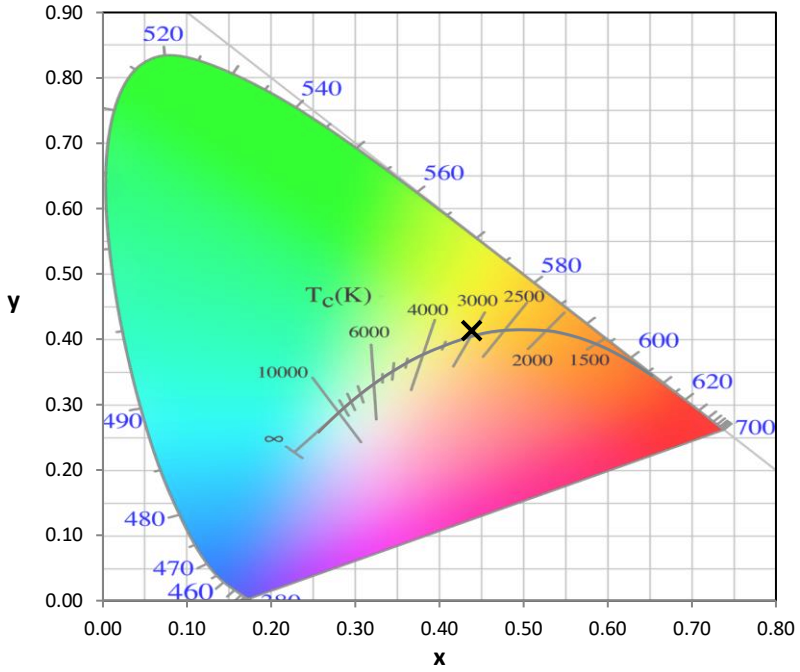
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

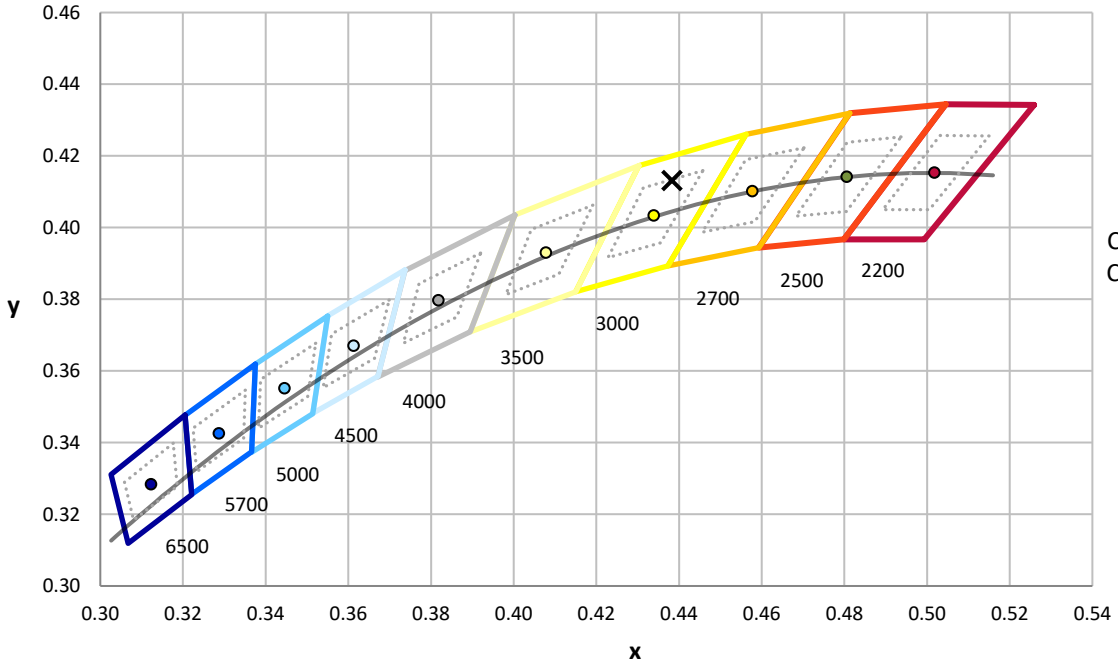
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

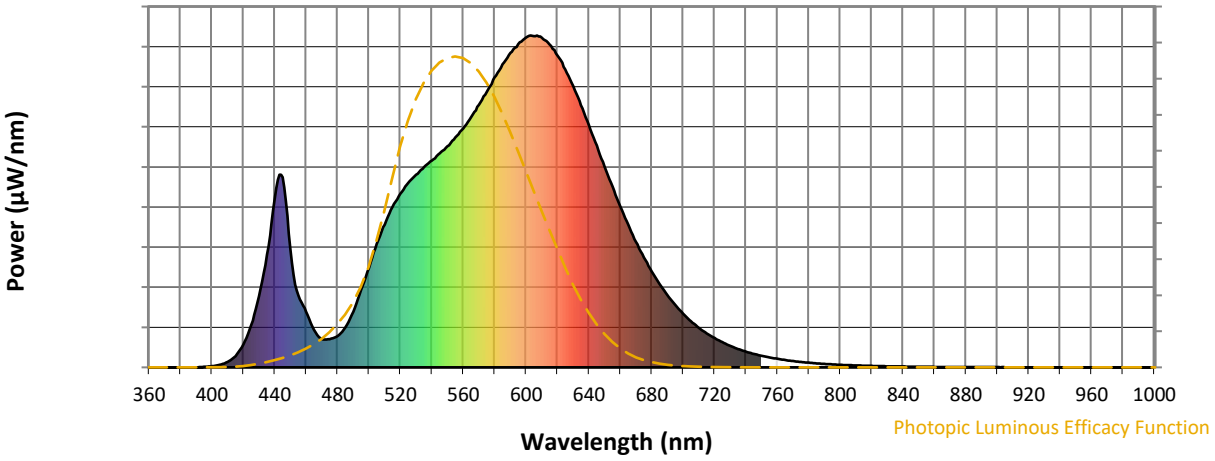


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

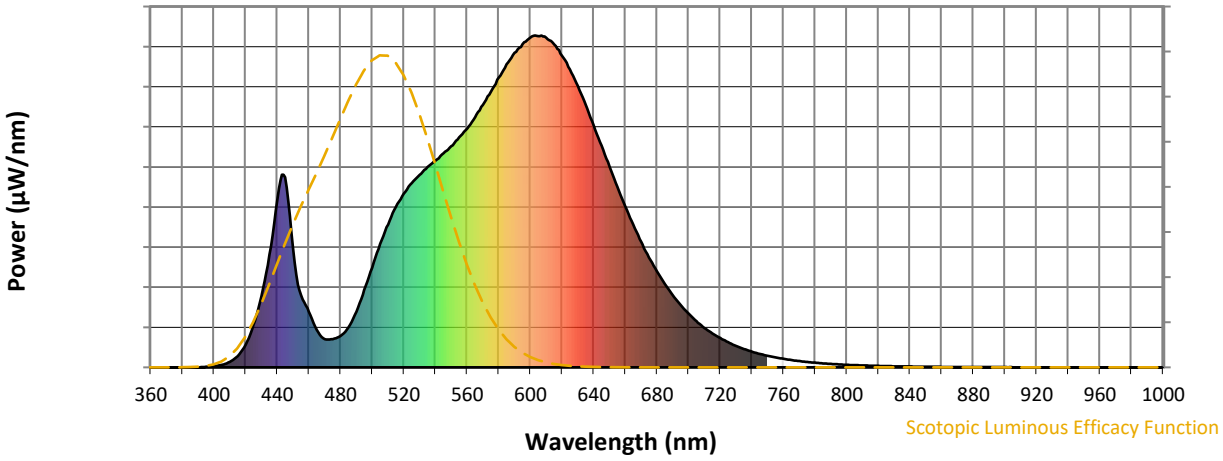


Photopic Lumens: NR

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

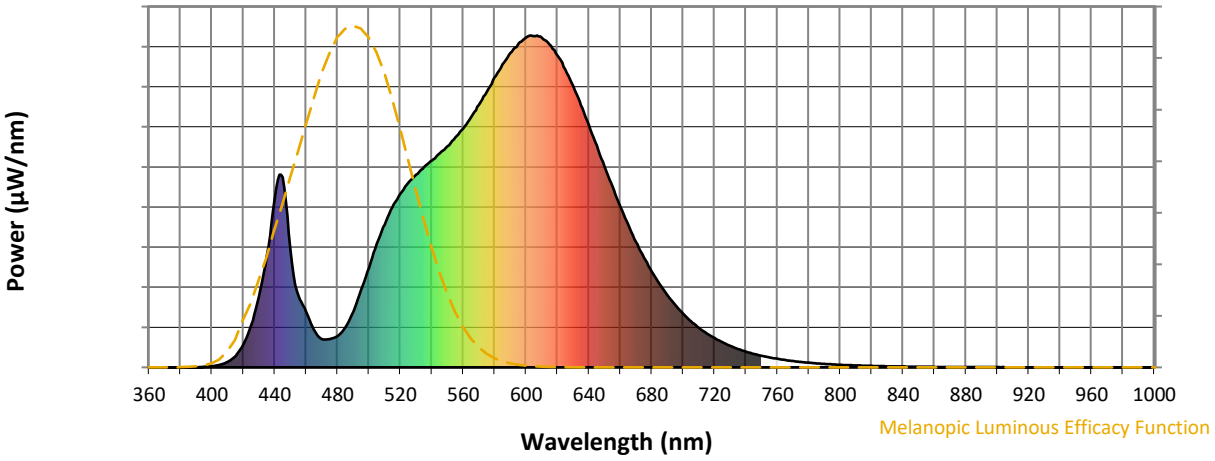


Scotopic Lumens: NR **S/P: 1.27**

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			

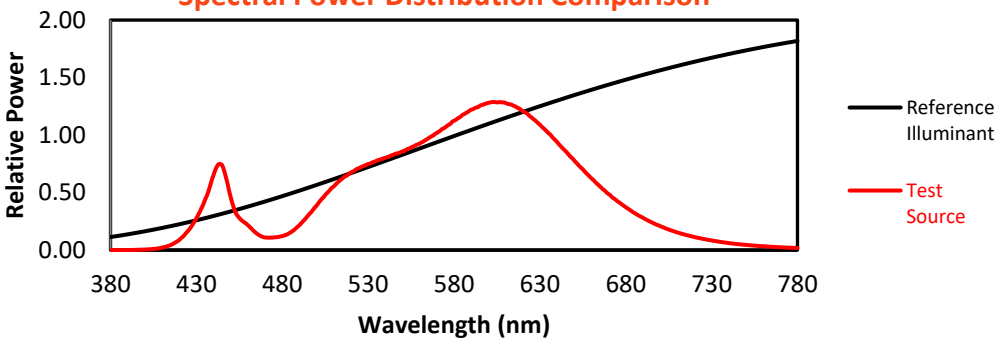
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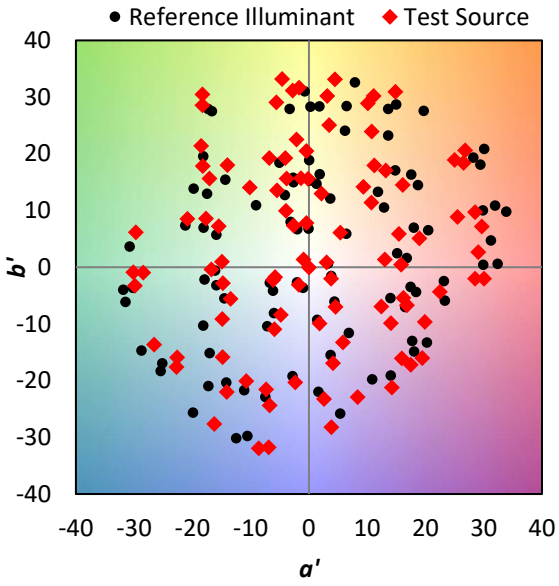
Summary

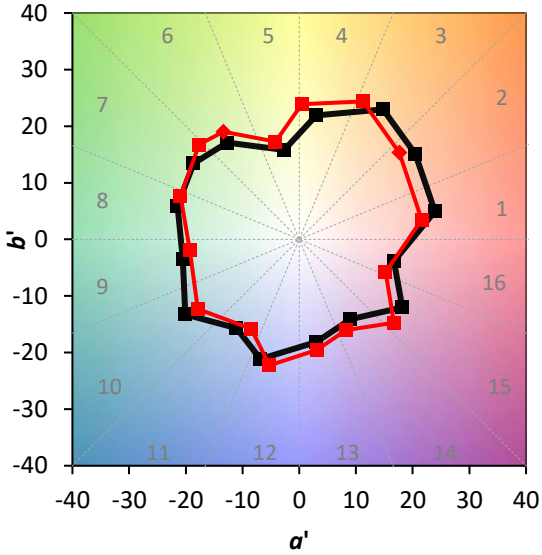
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

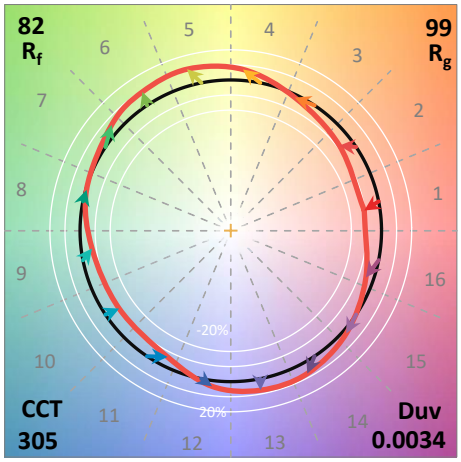
Spectral Power Distribution Comparison

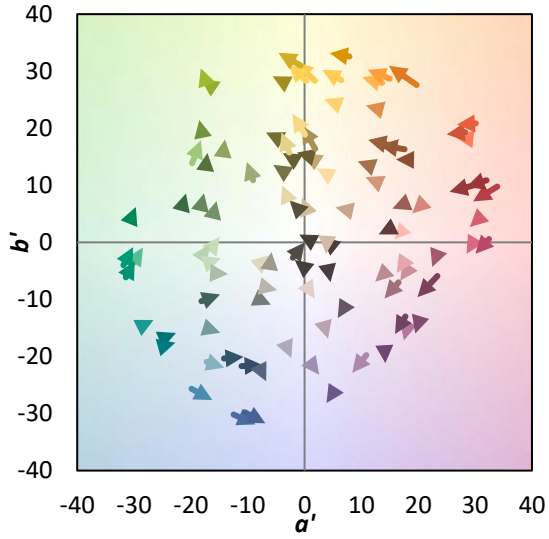


Color Vector Graphics







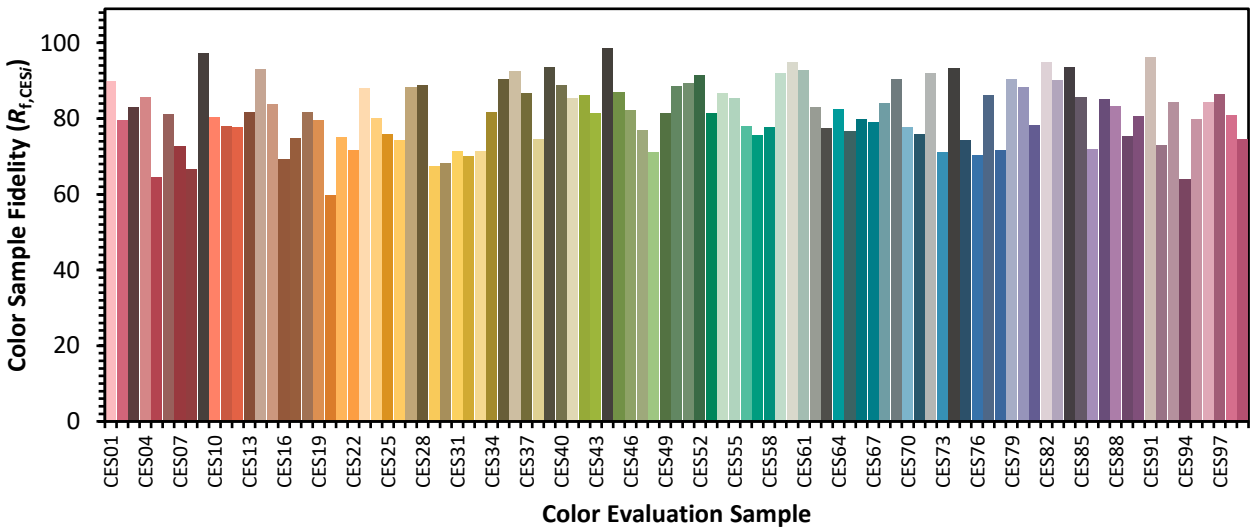


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Individual Sample Fidelity Index ($R_{f,i}$)

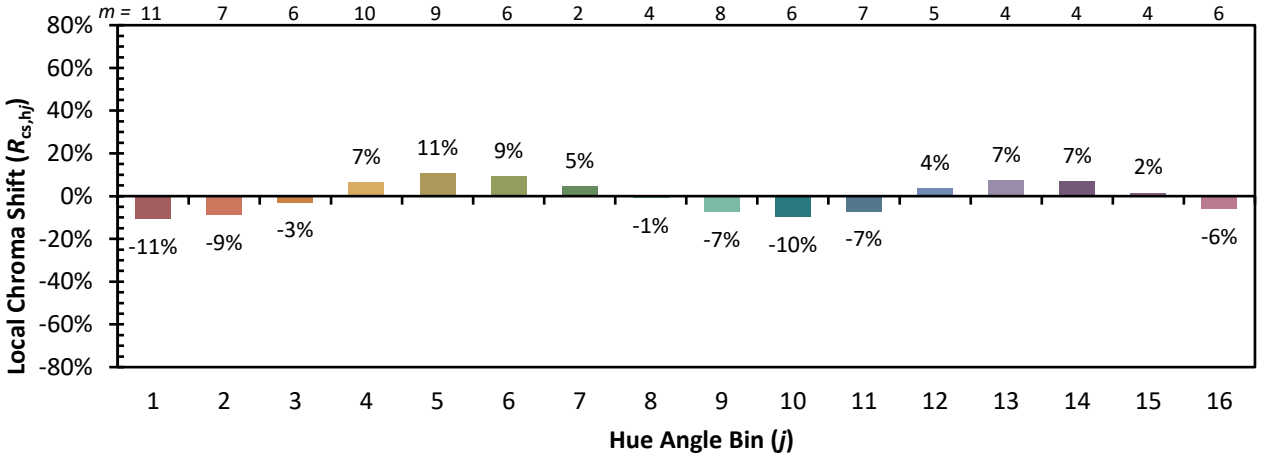
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

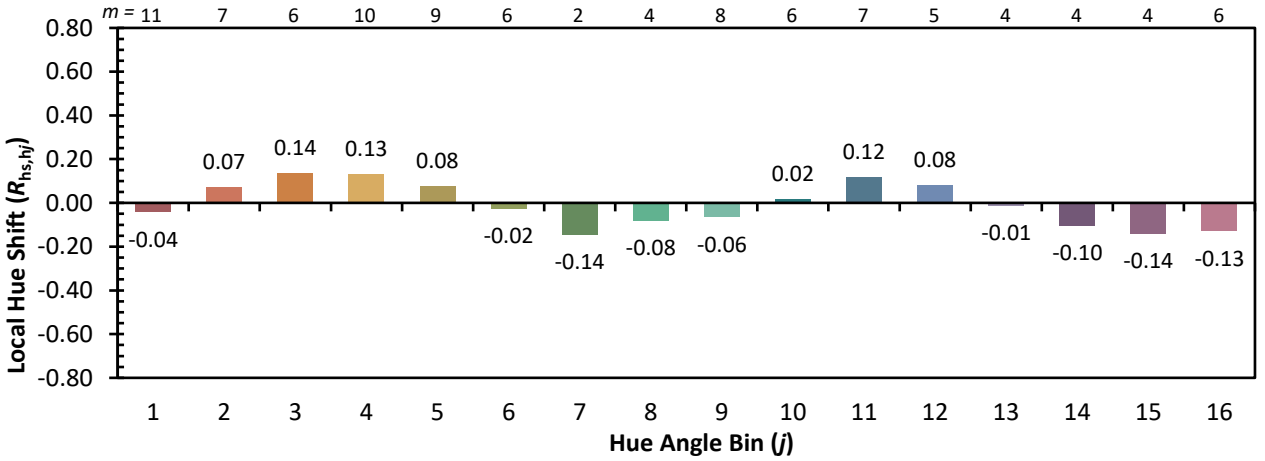


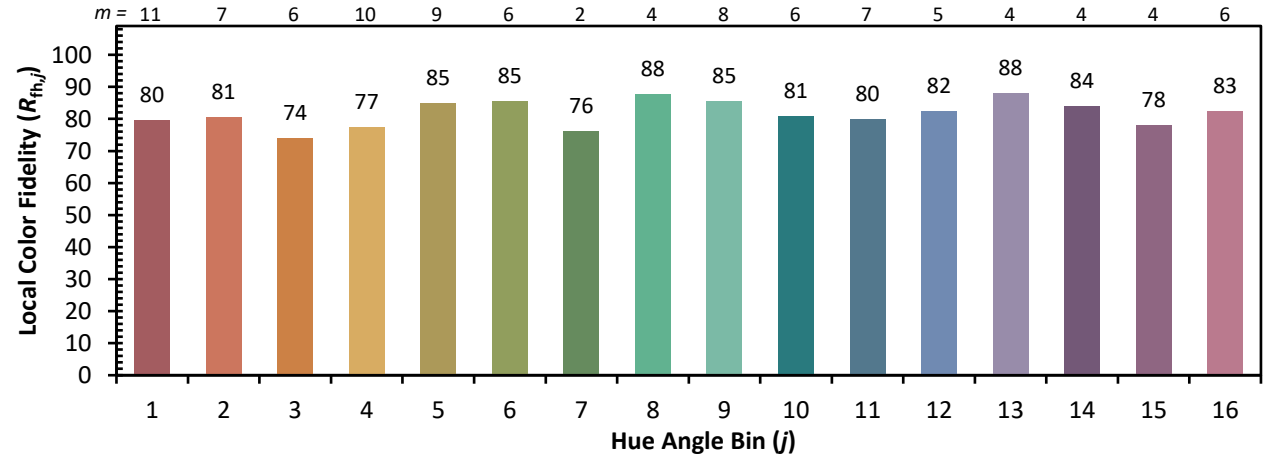
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Color Rendition by Hue-Angle Bin



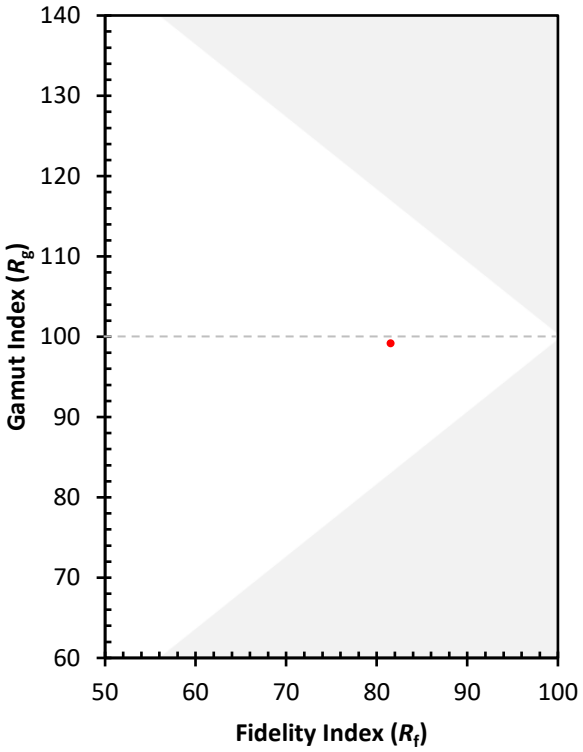


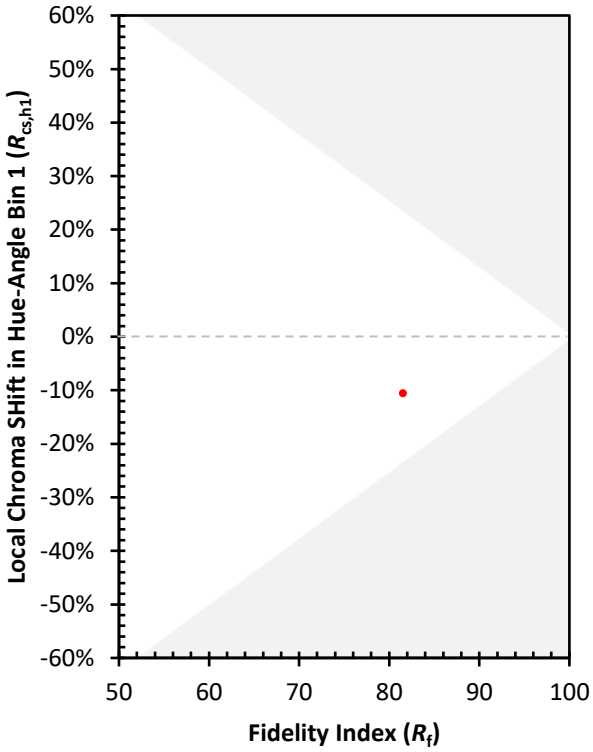


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Measure Comparisons





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