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: P1203869

Luminaire Tested: GWC-SB2D-830-U-T3

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:	P1203869
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-830-U-T3
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18294 lumens
Efficiency:	N/A
Efficacy:	123.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - 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

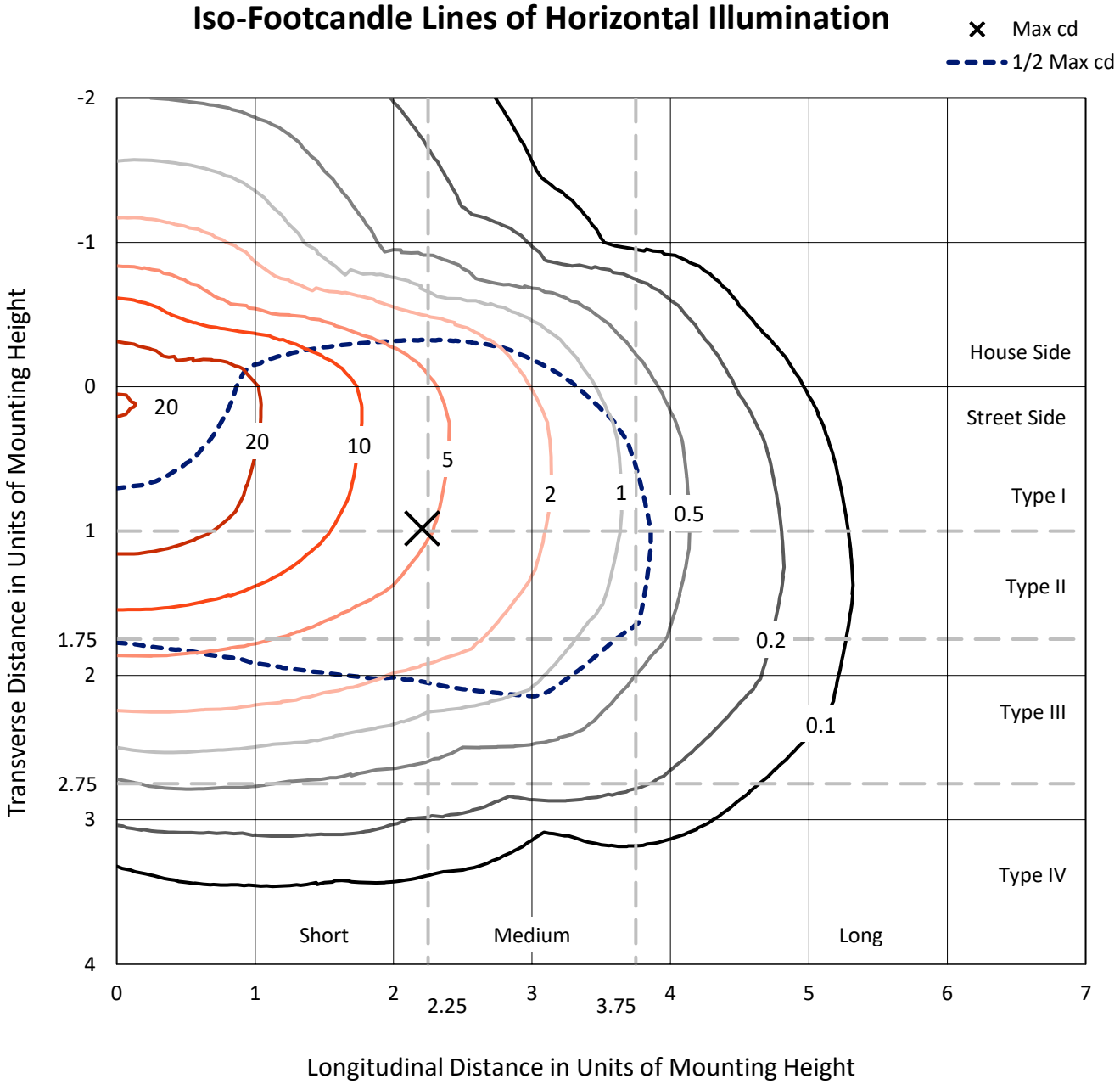


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Scaled Data Report

REPORT NUMBER: P1203869
CATALOG NUMBER: GWC-SB2D-830-U-T3

Iso-Footcandle Lines of Horizontal Illumination



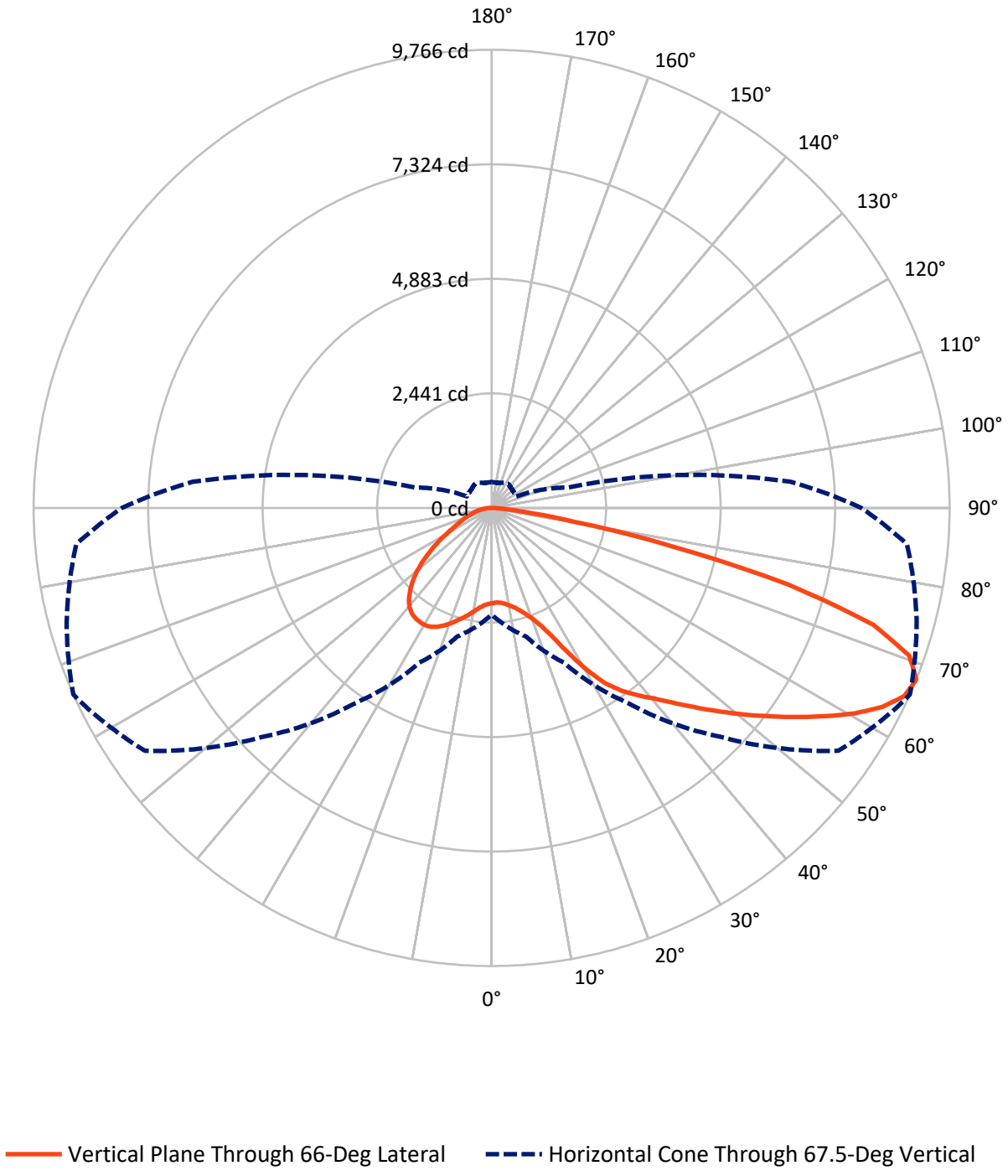
Based on 10 foot mounting height. Maximum calculated value = 26.2 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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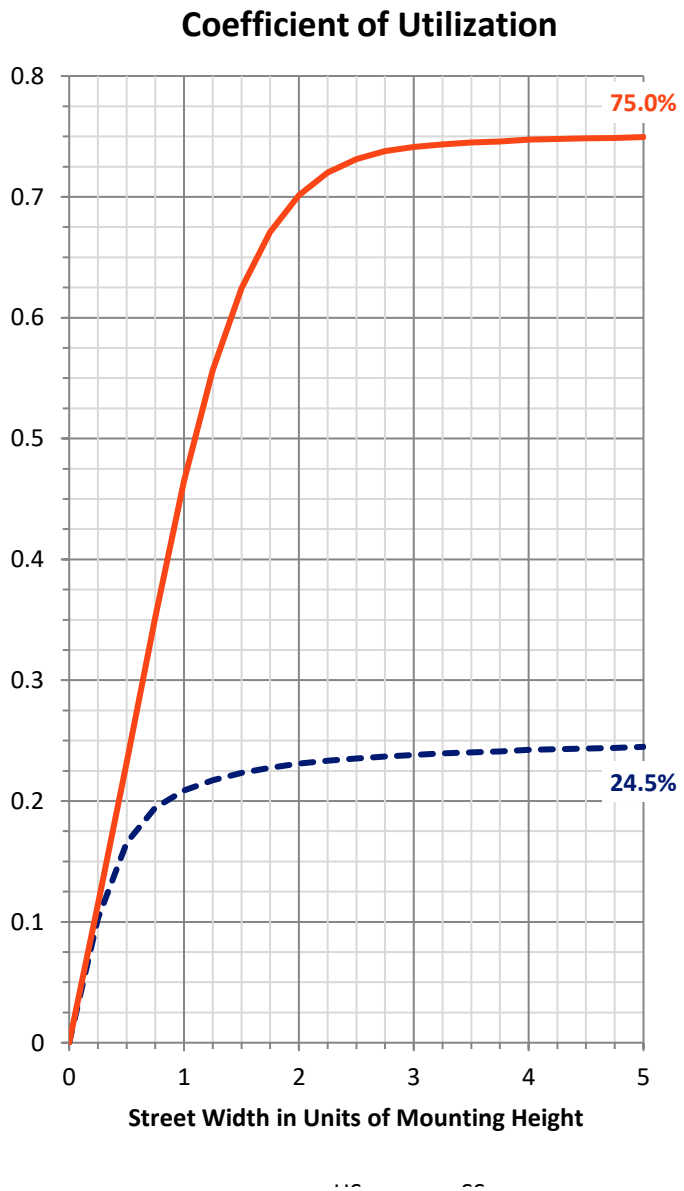
REPORT NUMBER: P1203869
CATALOG NUMBER: GWC-SB2D-830-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4548.8	0.0	4548.8
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	13745.2	0.0	13745.2
	% Fixture	75.1	0.0	75.1
Total	Lumens	18294.0	0.0	18294.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.2	1.1
10°-20°	664.6	3.6
20°-30°	1281.1	7.0
30°-40°	2246.2	12.3
40°-50°	3339.3	18.3
50°-60°	4232.9	23.1
60°-70°	4141.8	22.6
70°-80°	1975.7	10.8
80°-90°	211.1	1.2
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°	18294.0	100.0
0°-180°	18294.0	100.0



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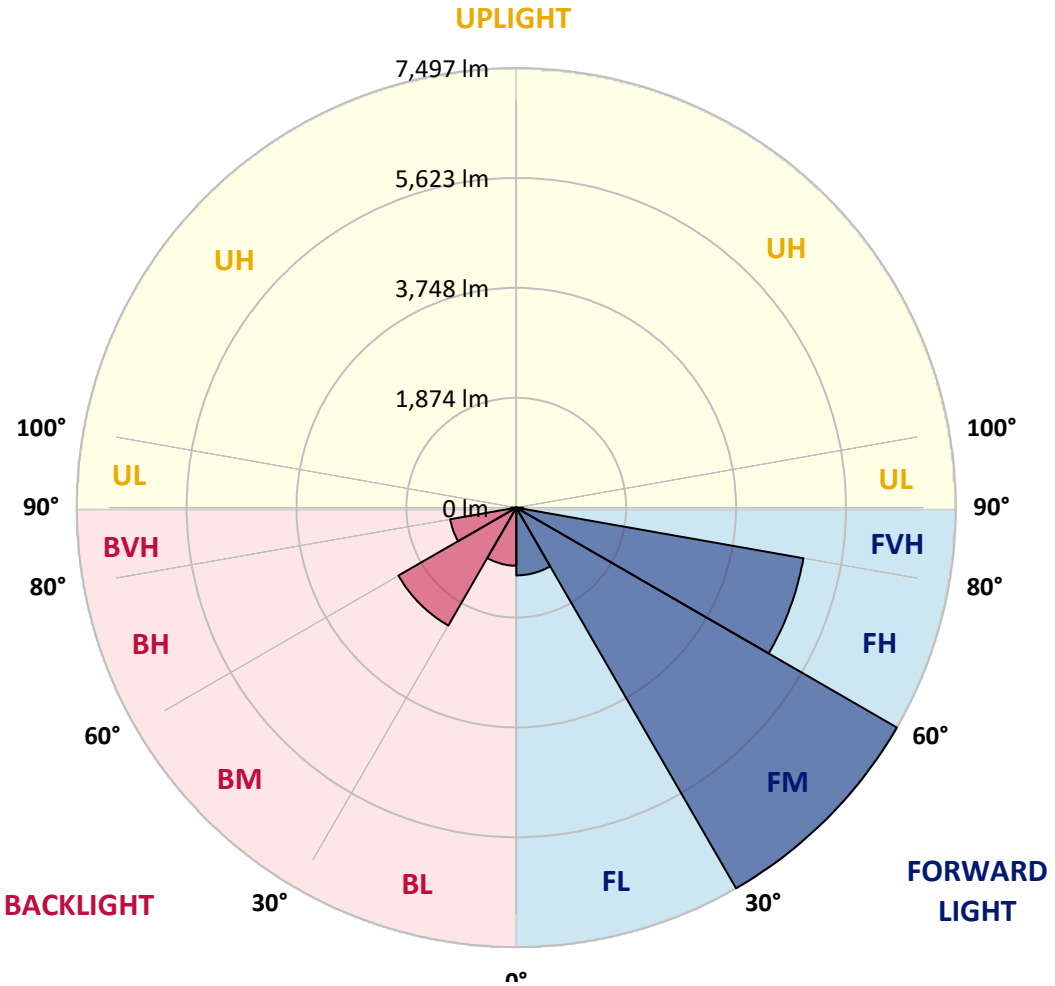
Scaled Data Report

REPORT NUMBER: P1203869
CATALOG NUMBER: GWC-SB2D-830-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1156.0	6.3			
FM	(30°-60°)	7496.7	41.0			
FH	(60°-80°)	4972.8	27.2			G2/5000
FVH	(80°-90°)	119.7	0.7			G2/225
BL	(0°-30°)	990.9	5.4	B2/1000		
BM	(30°-60°)	2321.7	12.7	B2/2500		
BH	(60°-80°)	1144.7	6.3	B3/2500		G3/2500
BVH	(80°-90°)	91.4	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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REPORT NUMBER: P1203869
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	2029.0	2029.0	2029.0	2029.0	2029.0	2029.0	2029.0	2029.0	*2029.0*	2029.0	2029.0
2.5°	2007.9	2019.4	2016.6	2011.7	2010.8	2012.7	2015.6	2018.5	*2017.5*	2022.3	2030.0
5°	2002.1	2013.7	2012.7	2012.7	2016.6	2024.2	2029.0	2033.9	*2029.0*	2034.8	2045.4
7.5°	2006.0	2014.6	2018.5	2022.3	2031.9	2046.3	2057.9	2068.5	*2062.7*	2069.4	2082.9
10°	2055.0	2061.7	2065.6	2065.6	2072.3	2088.6	2100.2	2119.4	*2114.6*	2125.2	2142.5
12.5°	2144.4	2151.1	2151.1	2147.3	2152.1	2162.7	2166.5	2187.6	*2179.0*	2196.3	2213.6
15°	2254.0	2267.4	2256.8	2250.1	2252.0	2262.6	2261.7	2278.0	*2269.3*	2283.8	2299.1
17.5°	2375.1	2392.4	2375.1	2374.1	2370.3	2381.8	2382.8	2397.2	*2381.8*	2392.4	2402.9
20°	2518.3	2542.3	2527.9	2532.7	2524.1	2528.9	2533.7	2554.8	*2530.8*	2538.5	2535.6
22.5°	2720.1	2749.0	2733.6	2751.9	2746.1	2742.2	2741.3	2778.8	*2741.3*	2744.2	2716.3
25°	3014.3	3048.9	3021.9	3046.9	3046.9	3059.4	3073.8	3121.9	*3059.4*	3041.2	2969.1
27.5°	3448.7	3483.3	3430.4	3445.8	3441.0	3471.8	3456.4	3575.6	*3508.3*	3478.5	3333.4
30°	3971.6	4033.1	3933.1	3929.3	3924.5	3973.5	3995.6	4074.4	*4006.2*	3976.4	3801.5
32.5°	4536.8	4601.2	4482.0	4447.4	4429.1	4458.9	4440.6	4504.1	*4457.0*	4410.8	4194.6
35°	5134.6	5198.0	5084.6	5017.3	4944.3	4881.8	4816.5	4832.8	*4788.6*	4718.4	4494.5
37.5°	5699.8	5816.1	5695.9	5623.9	5489.3	5367.2	5184.6	5108.7	*5067.3*	5002.9	4777.1
40°	6275.5	6341.9	6250.5	6189.0	6042.9	5851.7	5559.5	5398.9	*5343.2*	5280.7	5089.4
42.5°	6699.4	6762.8	6713.8	6671.5	6557.2	6335.1	5957.4	5756.5	*5675.8*	5605.6	5443.1
45°	7035.8	7082.9	7052.2	7067.5	7018.5	6803.2	6369.7	6140.0	*6056.4*	5970.8	5843.0
47.5°	7171.3	7221.3	7270.3	7361.7	7445.3	7286.7	6812.8	6555.2	*6466.8*	6379.3	6253.4
50°	7156.0	7206.9	7349.2	7543.3	7802.8	7750.0	7280.0	6997.4	*6915.7*	6815.7	6699.4
52.5°	7032.9	7090.6	7273.2	7596.2	8009.5	8097.0	7755.7	7453.9	*7377.0*	7257.9	7141.6
55°	6710.0	6744.6	7018.5	7476.0	8058.5	8339.2	8221.9	7940.3	*7863.4*	7697.1	7570.2
57.5°	6111.2	6161.1	6560.0	7152.1	7935.5	8503.5	8631.4	8451.6	*8377.6*	8138.3	8005.7
60°	5329.7	5409.5	5866.1	6608.1	7622.1	8502.6	9003.4	8954.3	*8892.8*	8572.7	8434.3
62.5°	4445.4	4537.7	4977.0	5839.2	7074.3	8261.3	9236.0	9375.3	*9343.6*	8973.6	8796.7
65°	3414.1	3477.5	3914.9	4844.3	6221.7	7743.2	9262.9	9662.7	*9668.5*	9278.2	8986.1
67.5°	*2273.2*	*2455.8*	*2835.5*	*3635.2*	*5079.8*	*6896.5*	*9026.4*	*9709.8*	*9765.6*	*9383.0*	*8890.9*
70°	1109.2	1349.5	1721.5	2362.6	3635.2	5597.9	8408.4	9323.4	*9447.4*	9077.4	8323.8
72.5°	460.4	538.3	741.1	1165.9	2086.7	3777.4	7166.5	8275.7	*8505.5*	8043.1	6998.3
75°	310.5	336.4	423.9	597.9	950.6	1862.8	5168.3	6170.8	*6540.8*	6074.6	4965.4
77.5°	239.3	255.7	308.5	418.1	565.2	704.5	2766.3	3718.8	*3910.1*	3619.8	2583.6
80°	188.4	200.9	230.7	304.7	400.8	376.8	942.9	1684.9	*1795.5*	1506.2	830.5
82.5°	163.4	168.2	165.3	206.7	266.2	220.1	309.5	621.9	*686.3*	497.9	271.1
85°	118.2	131.7	137.4	127.8	141.3	111.5	126.9	220.1	*242.2*	216.3	152.8
87.5°	48.1	71.1	87.5	82.7	51.9	31.7	39.4	64.4	*74.0*	80.7	50.0
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: P1203869
CATALOG NUMBER: GWC-SB2D-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2029.0	2029.0	2029.0	2029.0	2029.0	2029.0	2029.0	2029.0	2029.0	2029.0	2029.0
2.5°	2031.0	2037.7	2042.5	2048.3	2052.1	2057.9	2069.4	2076.1	2077.1	2081.9	2080.9
5°	2049.2	2058.8	2069.4	2084.8	2102.1	2116.5	2138.6	2154.0	2159.8	2164.6	2163.6
7.5°	2088.6	2102.1	2121.3	2148.2	2173.2	2192.4	2219.4	2237.6	2255.9	2262.6	2263.6
10°	2147.3	2166.5	2194.4	2230.9	2257.8	2282.8	2310.7	2326.1	2344.3	2352.0	2355.8
12.5°	2220.3	2240.5	2277.0	2328.0	2353.0	2370.3	2379.9	2376.0	2379.9	2386.6	2388.5
15°	2303.9	2326.1	2367.4	2422.2	2439.5	2424.1	2402.9	2383.7	2380.8	2382.8	2389.5
17.5°	2402.9	2419.3	2467.3	2513.5	2501.0	2437.5	2391.4	2360.7	2345.3	2340.5	2347.2
20°	2541.4	2541.4	2580.8	2609.6	2526.0	2418.3	2346.2	2296.3	2264.5	2251.1	2248.2
22.5°	2709.6	2694.2	2719.2	2699.0	2521.2	2364.5	2264.5	2178.0	2130.0	2110.7	2107.9
25°	2922.9	2904.7	2898.0	2773.0	2486.6	2279.0	2116.5	2011.7	1969.5	1958.9	1960.8
27.5°	3244.9	3198.8	3111.3	2813.4	2423.1	2144.4	1943.5	1846.4	1822.4	1823.4	1826.2
30°	3673.6	3581.3	3367.0	2820.1	2319.3	1954.1	1766.6	1697.4	1685.9	1690.7	1707.1
32.5°	4070.6	3983.1	3628.4	2789.3	2159.8	1767.6	1608.1	1561.9	1544.6	1550.4	1558.1
35°	4382.0	4358.0	3870.7	2746.1	1963.7	1592.7	1465.8	1426.4	1392.7	1385.1	1390.8
37.5°	4676.1	4666.5	4052.3	2685.5	1769.5	1468.7	1351.4	1299.5	1250.5	1223.6	1224.5
40°	4999.1	4989.5	4171.5	2592.3	1597.5	1361.0	1248.6	1180.3	1119.8	1070.8	1075.6
42.5°	5362.4	5305.7	4228.2	2458.7	1451.4	1269.7	1164.9	1072.7	992.9	947.7	950.6
45°	5759.4	5631.5	4227.3	2288.6	1328.3	1186.1	1075.6	944.8	870.8	828.5	826.6
47.5°	6180.4	5943.0	4175.4	2100.2	1209.2	1093.8	937.1	837.2	788.2	762.2	756.4
50°	6614.8	6234.2	4086.9	1883.9	1087.1	989.1	850.6	782.4	744.9	720.9	712.2
52.5°	7023.3	6498.5	3980.2	1638.8	963.1	887.2	812.2	759.3	719.9	693.0	681.5
55°	7403.0	6726.3	3829.3	1387.9	862.2	818.9	793.9	749.7	704.5	672.8	660.3
57.5°	7740.4	6874.3	3568.9	1152.5	790.1	771.8	774.7	733.4	681.5	654.6	637.3
60°	8021.0	6983.0	3183.4	934.3	731.5	725.7	744.9	702.6	642.1	611.3	597.9
62.5°	8189.2	6981.0	2710.5	765.1	681.5	683.4	705.5	664.2	602.7	573.8	565.2
65°	8174.8	6809.9	2191.5	654.6	633.4	635.3	664.2	621.9	570.0	552.7	551.7
67.5°	*7885.5*	*6392.8*	*1681.1*	*582.5*	*580.6*	*589.2*	*622.8*	*593.0*	*549.8*	*547.9*	*550.8*
70°	7102.1	5526.8	1211.1	524.8	525.8	538.3	582.5	574.8	539.2	543.1	542.1
72.5°	5695.0	4213.8	813.2	464.2	465.2	485.4	544.0	560.4	528.6	579.6	587.3
75°	3792.8	2627.9	522.9	399.8	400.8	426.8	510.4	532.5	499.8	577.7	582.5
77.5°	1822.4	1181.3	378.7	336.4	336.4	360.4	441.2	476.7	425.8	448.9	411.4
80°	629.6	444.1	298.0	271.1	265.3	281.6	372.0	413.3	367.2	338.3	317.2
82.5°	248.0	230.7	239.3	210.5	191.3	201.8	289.3	341.2	270.1	244.1	243.2
85°	142.3	149.9	169.2	139.4	110.5	124.0	212.4	245.1	203.8	179.7	183.6
87.5°	38.4	52.9	77.9	72.1	50.0	52.9	100.9	135.5	117.3	90.4	93.2
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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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

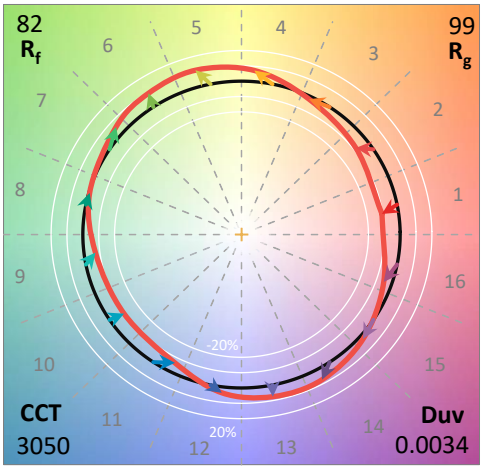
Test Information

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

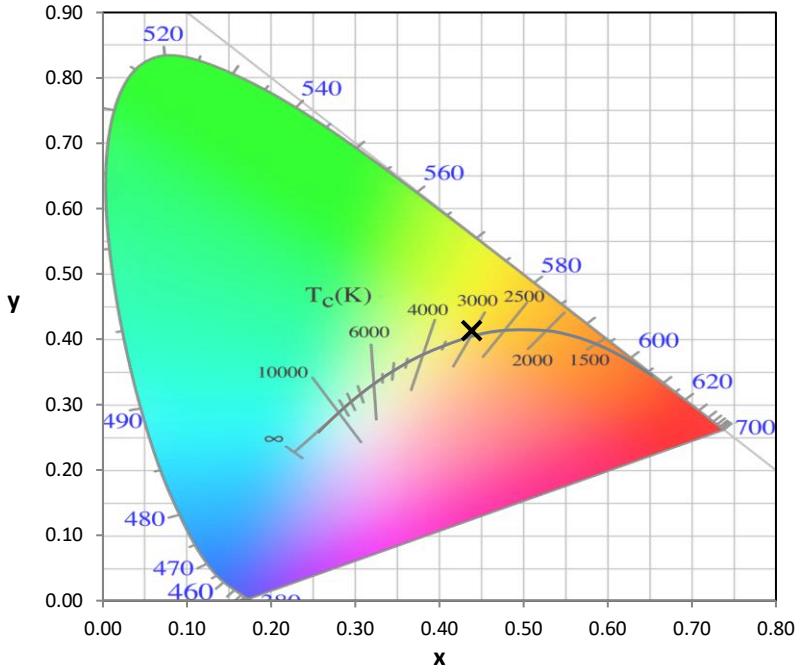
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

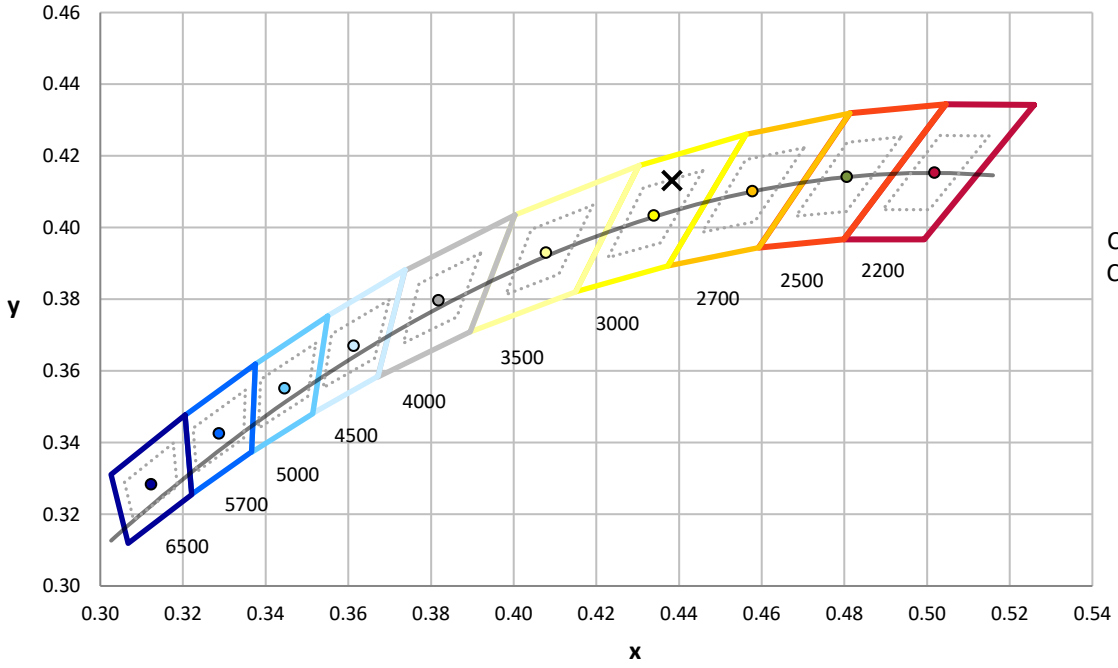
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

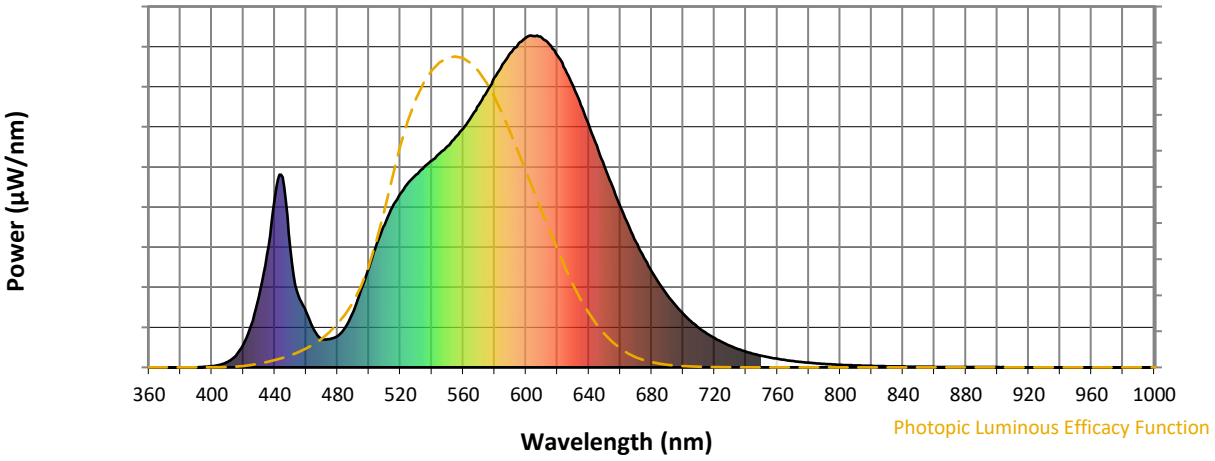


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

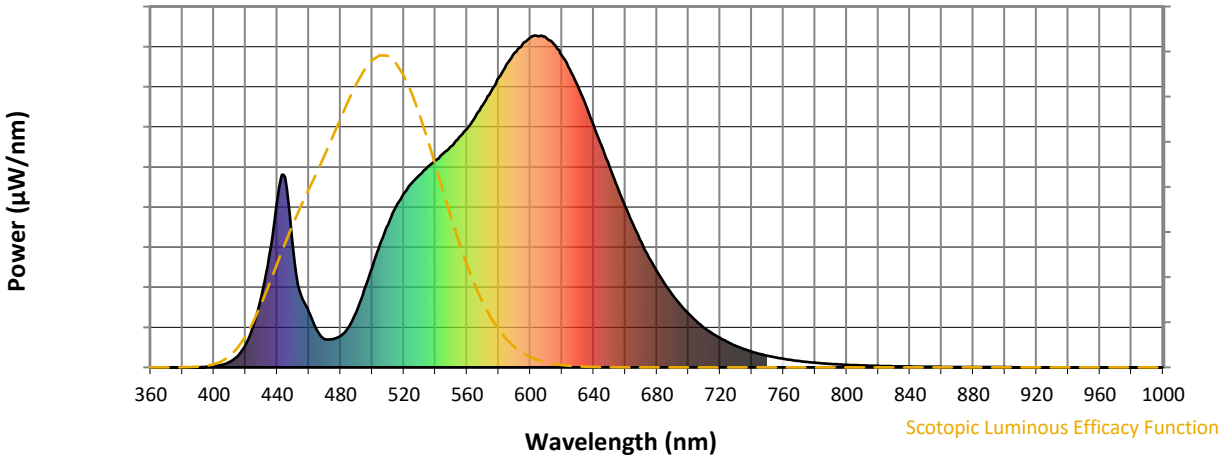


Photopic Lumens: NR

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

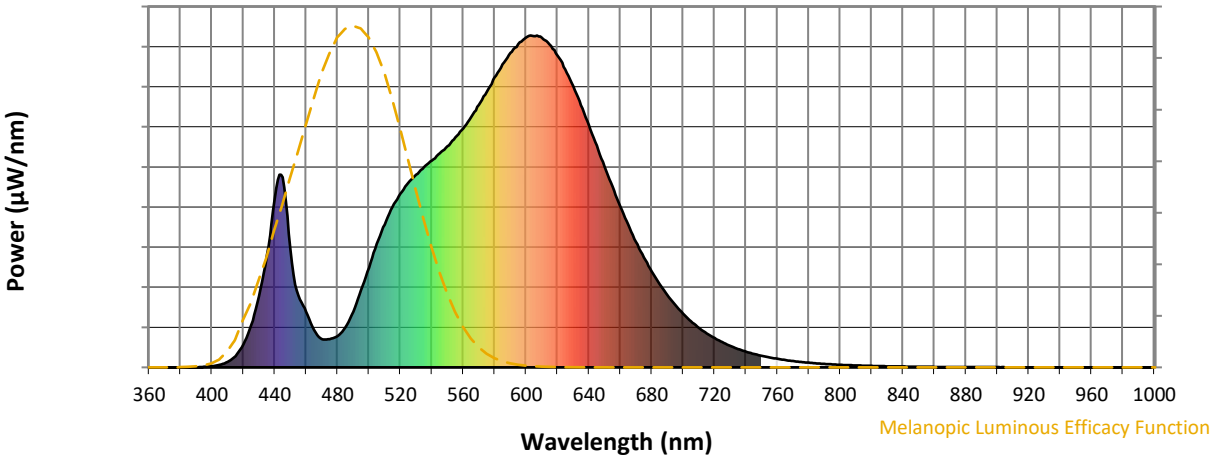


Scotopic Lumens: NR **S/P: 1.27**

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			

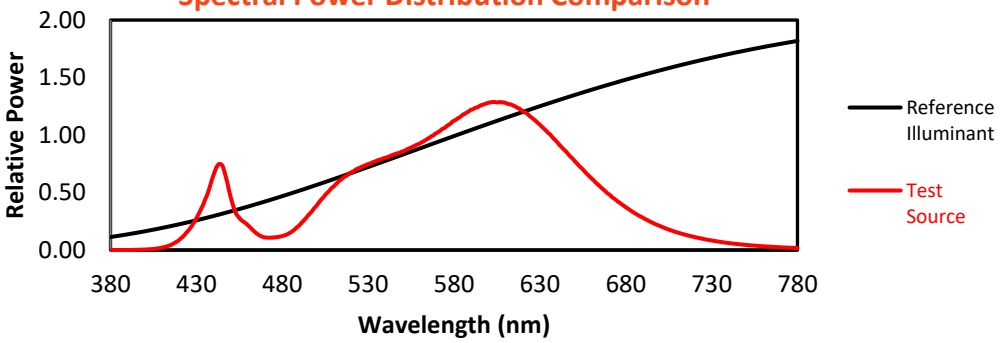
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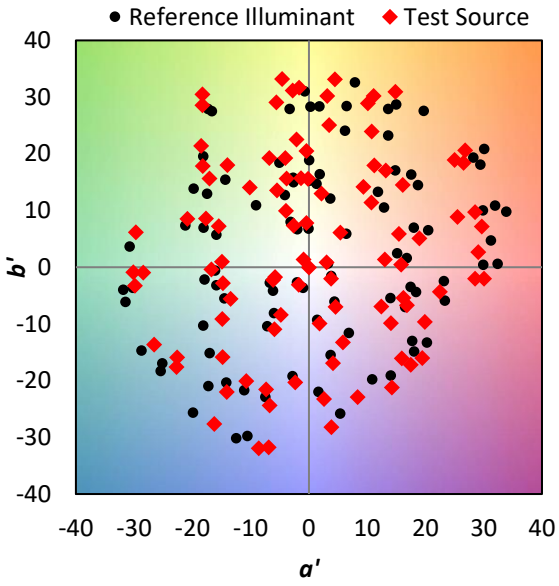
Summary

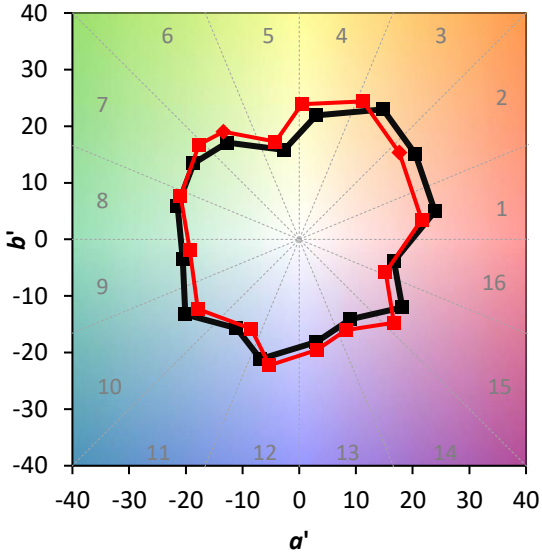
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

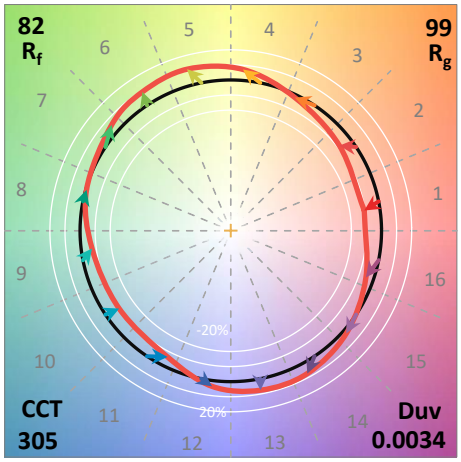
Spectral Power Distribution Comparison

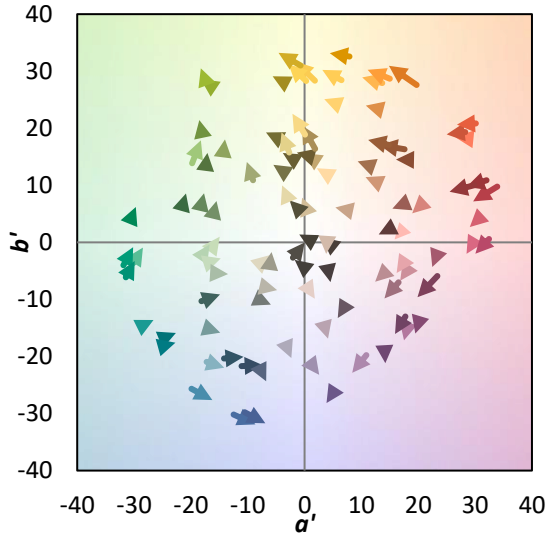


Color Vector Graphics







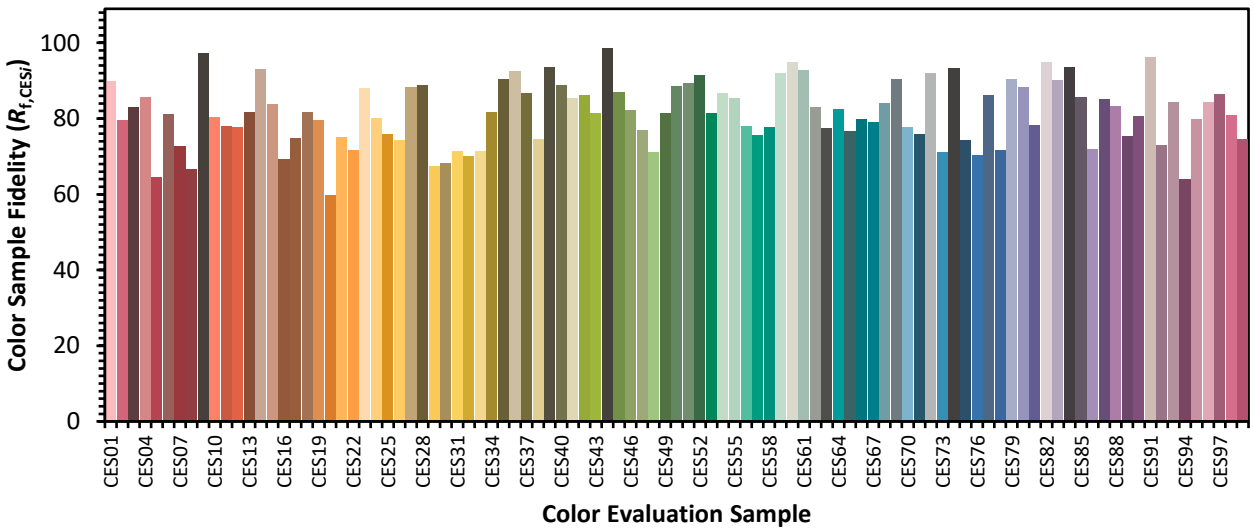


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Individual Sample Fidelity Index ($R_{f,i}$)

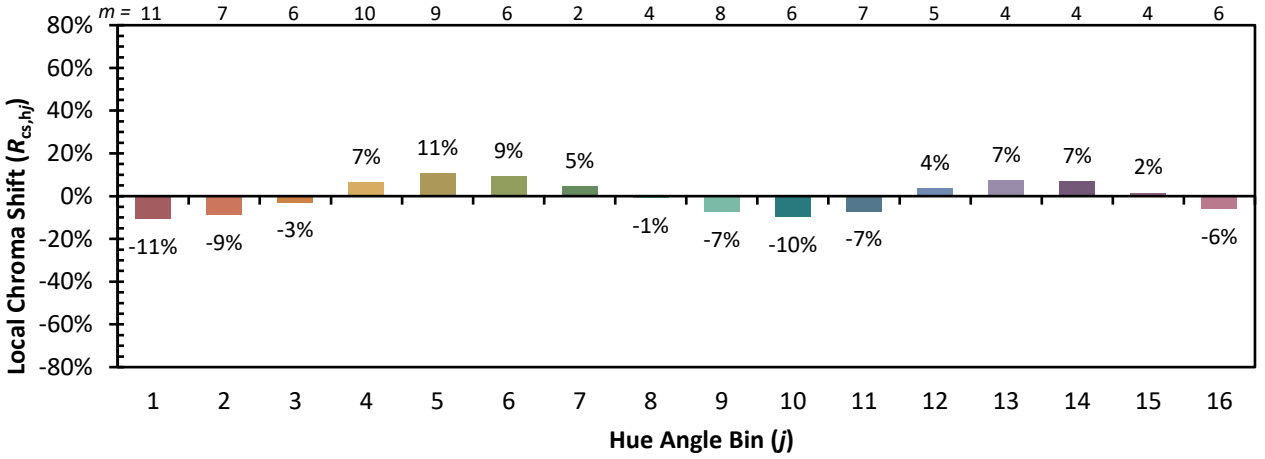
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

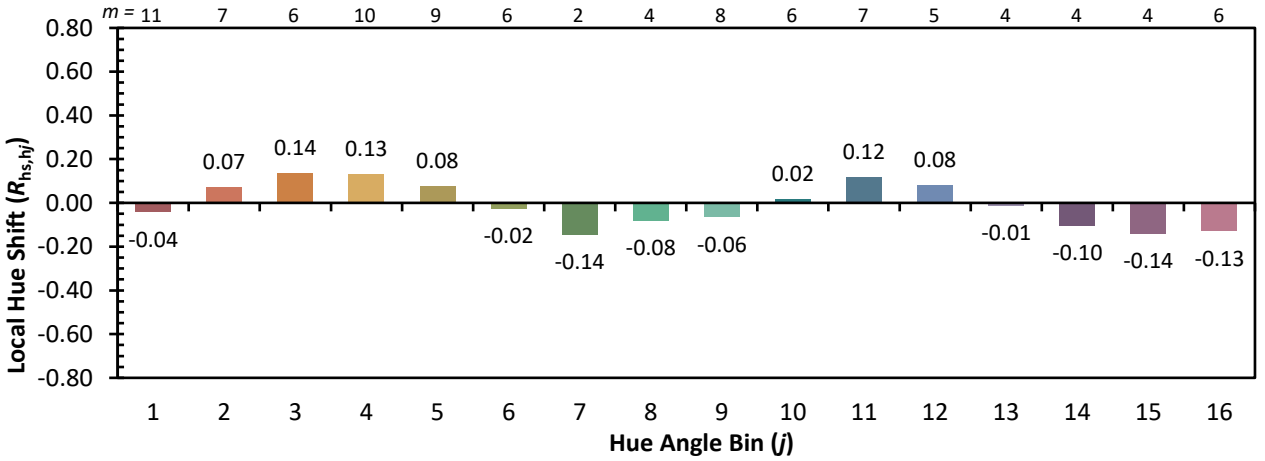


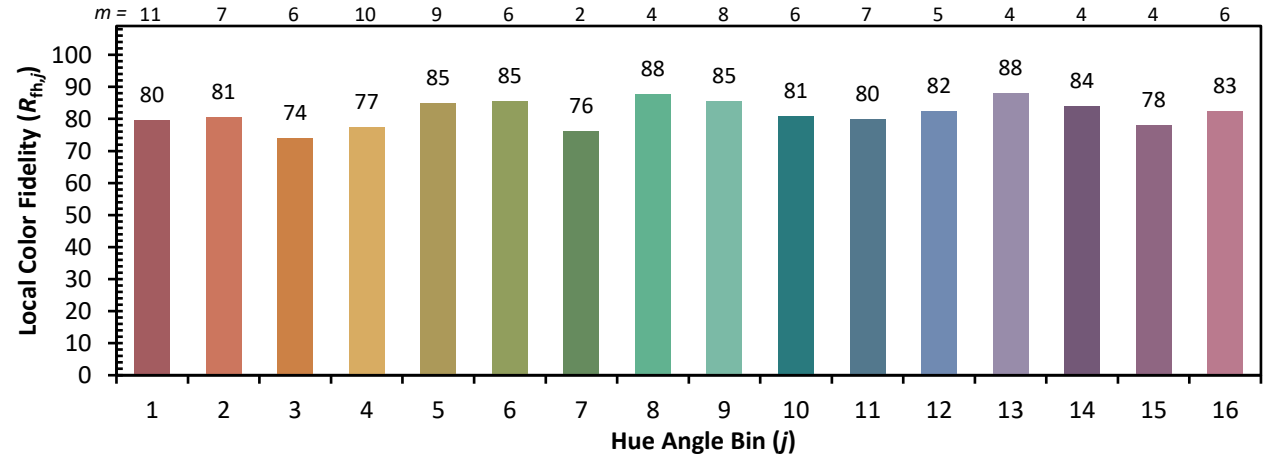
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Color Rendition by Hue-Angle Bin



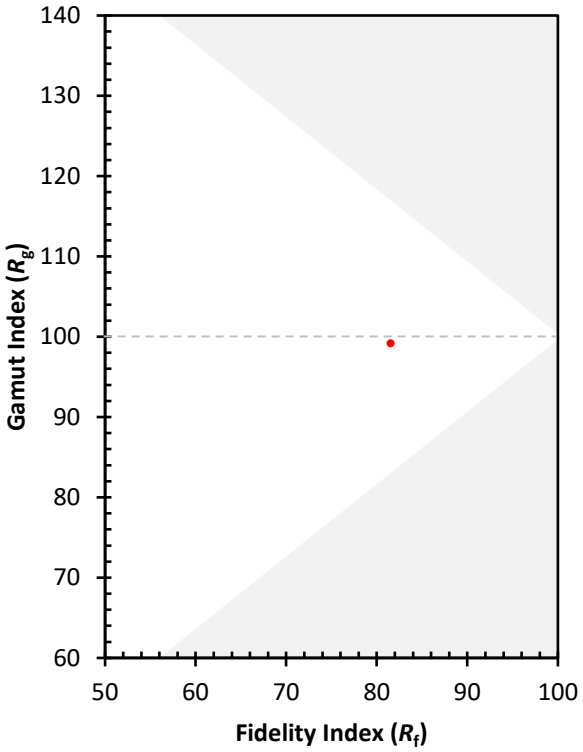


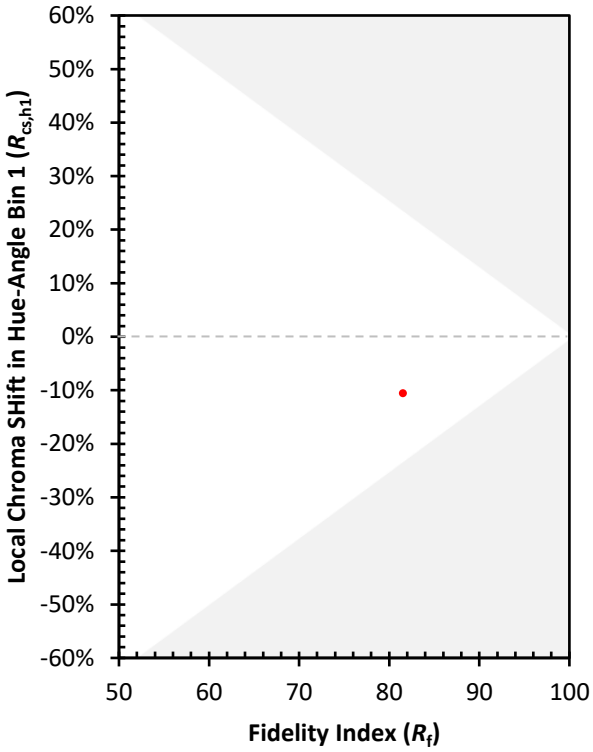


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Measure Comparisons





(END OF REPORT)