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: P1199396

Luminaire Tested: GPC-SB2A-830-U-T2R

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:	P1199396
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2A-830-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II ROADWAY OPTIC
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8208 lumens
Efficiency:	N/A
Efficacy:	143.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

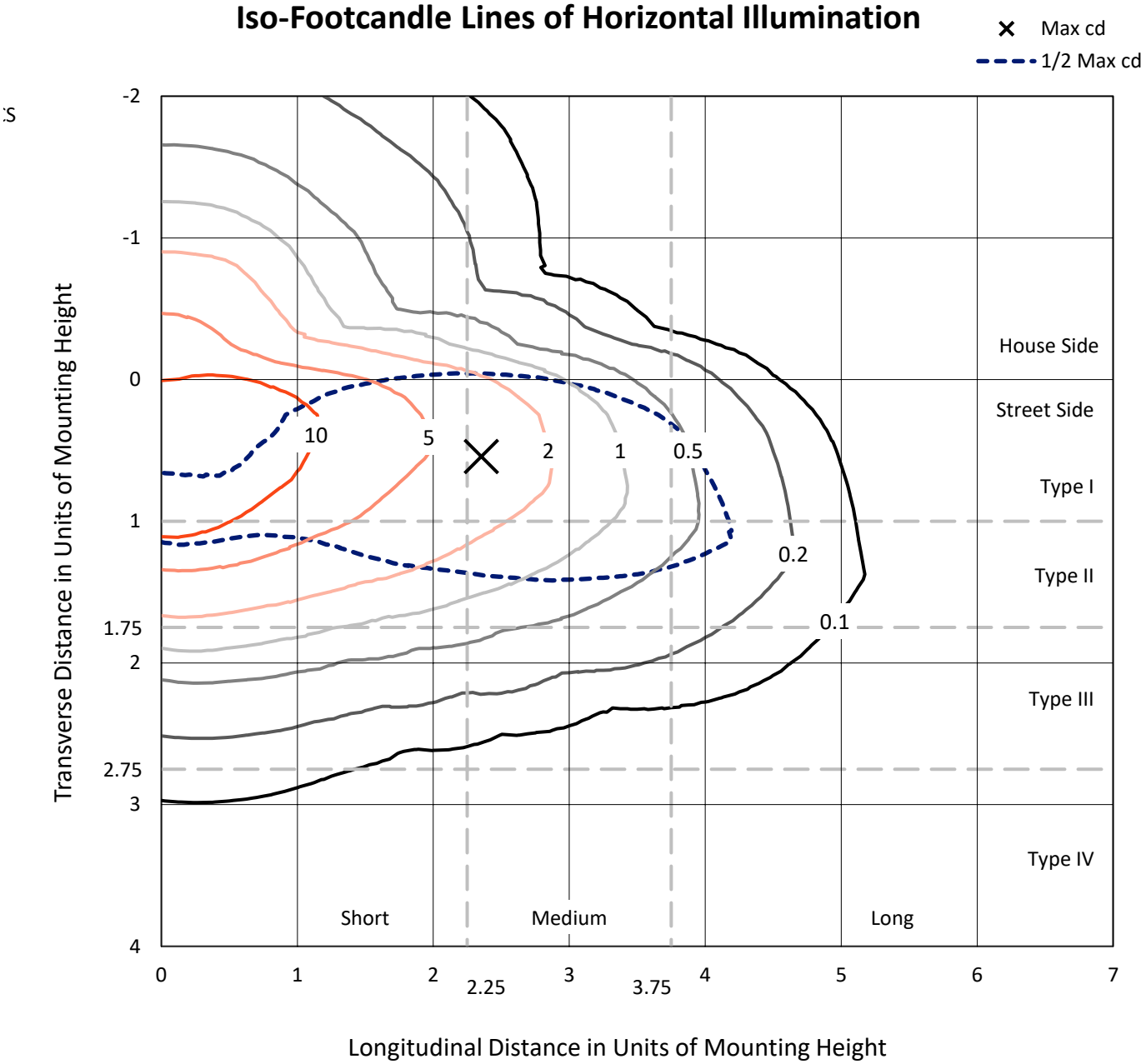


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Scaled Data Report

REPORT NUMBER: P1199396
CATALOG NUMBER: GPC-SB2A-830-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



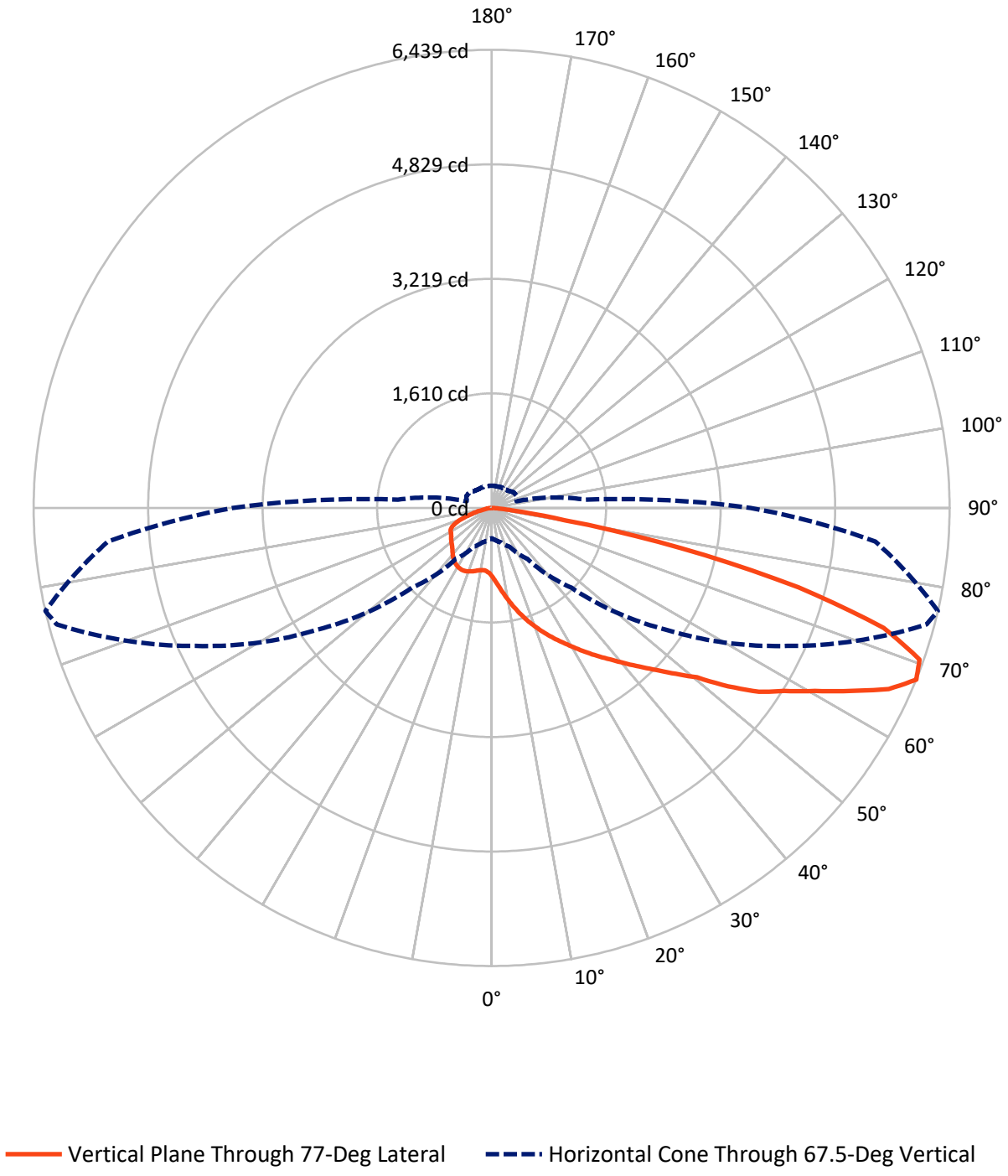
Based on 10 foot mounting height. Maximum calculated value = 18.8 fc
Type II - Medium - N/A

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REPORT NUMBER: P1199396
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Luminous Intensity Polar Plot



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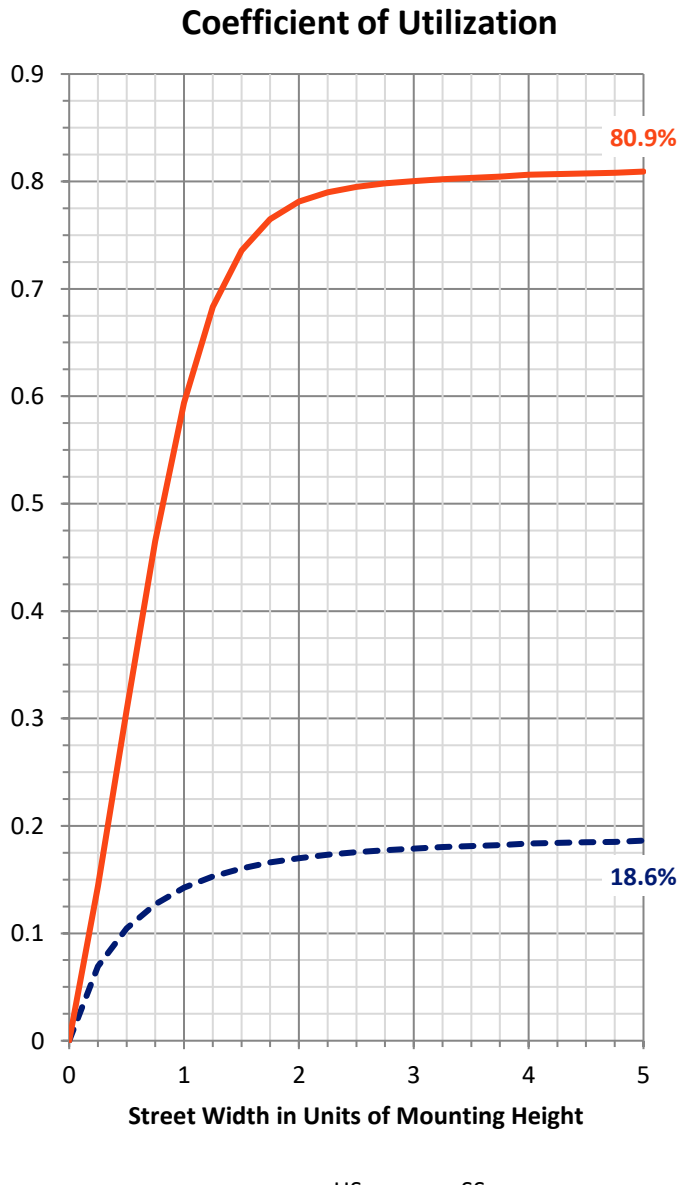
REPORT NUMBER: P1199396
CATALOG NUMBER: GPC-SB2A-830-U-T2R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1552.6	0.0	1552.6
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	6655.4	0.0	6655.4
	% Fixture	81.1	0.0	81.1
Total	Lumens	8208.0	0.0	8208.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.2	1.3
10°-20°	370.9	4.5
20°-30°	700.2	8.5
30°-40°	1128.0	13.7
40°-50°	1542.9	18.8
50°-60°	1740.4	21.2
60°-70°	1624.5	19.8
70°-80°	890.5	10.8
80°-90°	107.4	1.3
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°	8208.0	100.0
0°-180°	8208.0	100.0



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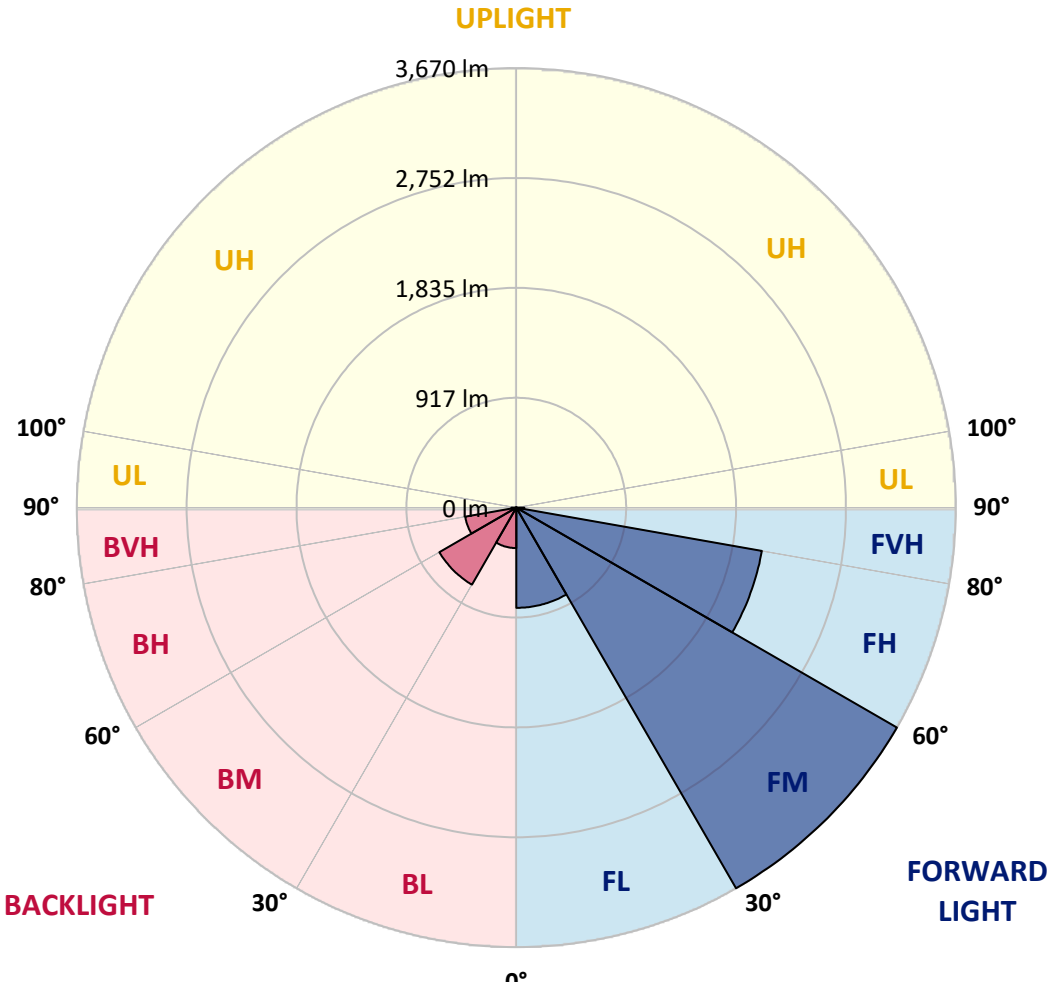
Scaled Data Report

REPORT NUMBER: P1199396
CATALOG NUMBER: GPC-SB2A-830-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	836.7	10.2			
FM	(30°-60°)	3669.7	44.7			
FH	(60°-80°)	2081.8	25.4			G2/5000
FVH	(80°-90°)	67.2	0.8			G1/100
BL	(0°-30°)	337.6	4.1	B1/500		
BM	(30°-60°)	741.7	9.0	B1/1000		
BH	(60°-80°)	433.2	5.3	B1/500		G1/500
BVH	(80°-90°)	40.2	0.5			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 II Medium



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Scaled Data Report

REPORT NUMBER: P1199396
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	963.1	963.1	963.1	963.1	963.1	963.1	963.1	963.1	963.1	*963.1*	963.1
2.5°	1205.8	1214.3	1203.7	1203.7	1168.1	1149.5	1113.9	1086.8	1038.0	*1029.6*	997.4
5°	1425.3	1435.9	1421.1	1414.7	1372.8	1334.2	1274.5	1215.6	1128.7	*1119.8*	1044.0
7.5°	1595.2	1608.8	1595.6	1588.8	1551.6	1508.3	1438.4	1356.2	1233.8	*1216.4*	1106.7
10°	1733.8	1735.9	1731.6	1734.2	1704.9	1669.3	1597.7	1502.0	1349.0	*1325.3*	1182.5
12.5°	1812.1	1821.9	1830.4	1845.6	1840.5	1818.5	1754.1	1639.7	1471.1	*1440.6*	1265.1
15°	1849.0	1865.9	1885.0	1920.2	1948.6	1954.1	1904.9	1787.6	1595.2	*1558.3*	1348.6
17.5°	1862.1	1878.2	1908.3	1959.2	2020.2	2061.3	2039.2	1931.2	1718.1	*1675.7*	1436.3
20°	1928.6	1933.3	1951.5	1999.8	2065.9	2134.1	2150.7	2069.3	1839.7	*1791.8*	1527.0
22.5°	2071.0	2061.7	2066.8	2088.8	2136.3	2202.4	2240.1	2191.3	1964.7	*1909.6*	1618.5
25°	2306.2	2279.0	2251.9	2226.5	2250.7	2287.9	2330.7	2313.4	2095.6	*2025.7*	1710.9
27.5°	2603.2	2570.1	2510.4	2426.9	2397.7	2410.8	2429.9	2426.5	2216.8	*2146.0*	1806.2
30°	2895.5	2857.0	2785.8	2665.0	2587.9	2553.2	2538.8	2529.0	2348.5	*2273.1*	1902.4
32.5°	3129.0	3098.5	3028.6	2893.4	2781.5	2722.2	2674.3	2639.6	2486.2	*2410.8*	2004.1
35°	3333.2	3304.8	3224.7	3077.3	2955.7	2892.5	2829.8	2755.7	2629.4	*2553.2*	2113.4
37.5°	3519.6	3491.2	3381.5	3228.1	3105.7	3062.0	3006.1	2880.3	2773.1	*2701.0*	2229.0
40°	3637.4	3631.0	3528.5	3354.8	3227.7	3206.1	3187.4	3024.7	2932.4	*2865.4*	2356.2
42.5°	3667.5	3681.5	3600.1	3457.3	3336.2	3318.8	3362.4	3188.3	3111.2	*3047.2*	2500.2
45°	3595.0	3635.3	3581.9	3484.9	3413.3	3403.9	3517.5	3367.1	3309.0	*3250.6*	2673.9
47.5°	3411.6	3479.8	3457.8	3444.2	3434.0	3474.3	3653.9	3556.9	3533.2	*3482.3*	2872.2
50°	3041.3	3170.5	3209.0	3294.6	3392.9	3528.9	3778.1	3764.1	3795.0	*3743.7*	3113.7
52.5°	2401.1	2579.0	2802.7	3017.1	3266.7	3510.7	3914.5	4061.5	4192.0	*4164.1*	3497.6
55°	1982.0	2062.1	2234.1	2627.3	3021.8	3434.0	3975.9	4301.8	4586.0	*4561.1*	3788.7
57.5°	1660.0	1731.6	1837.6	2165.9	2651.5	3259.9	4014.1	4448.3	4855.9	*4853.4*	4075.9
60°	1314.7	1390.6	1499.0	1731.6	2218.9	2959.1	4005.6	4615.3	5200.4	*5221.6*	4426.3
62.5°	924.9	1008.4	1128.7	1345.6	1777.0	2569.3	3832.7	4736.0	5605.9	*5663.5*	4847.9
65°	608.0	663.1	753.7	941.0	1324.0	2068.0	3502.7	4751.7	6039.7	*6137.2*	5243.6
67.5°	*426.2*	*447.4*	*500.8*	*602.5*	*872.8*	*1585.9*	*2976.9*	*4589.4*	*6329.1*	*6438.9*	*5415.2*
70°	332.6	343.2	370.3	411.0	548.3	1066.4	2281.2	4167.4	6267.3	*6381.7*	5236.0
72.5°	287.3	297.4	307.6	312.7	367.8	658.4	1545.2	3484.4	5684.7	*5762.2*	4552.6
75°	260.6	263.1	271.6	269.9	280.5	427.1	891.9	2538.8	4485.2	*4458.5*	3360.7
77.5°	219.0	222.4	236.4	234.3	249.1	291.9	463.1	1638.4	2907.8	*2726.5*	1870.6
80°	185.6	187.3	202.5	200.0	216.5	211.4	236.4	835.1	1233.4	*1044.8*	539.4
82.5°	64.4	79.7	154.6	159.3	165.2	128.0	136.4	340.6	376.7	*288.5*	113.1
85°	31.4	33.5	78.8	111.9	111.4	64.4	66.5	121.6	118.6	*93.2*	37.7
87.5°	5.1	6.4	9.3	43.6	34.7	16.9	22.9	23.7	24.6	*21.2*	8.5
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: P1199396
CATALOG NUMBER: GPC-SB2A-830-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	963.1	963.1	963.1	963.1	963.1	963.1	963.1	963.1	963.1	963.1	963.1
2.5°	973.6	952.5	908.0	866.9	834.7	803.7	786.4	771.5	763.1	761.4	761.4
5°	999.9	956.3	875.3	807.1	762.6	729.6	712.2	701.2	695.7	692.3	691.9
7.5°	1037.6	973.6	858.4	780.9	734.3	710.5	701.6	699.9	699.5	699.9	701.2
10°	1089.7	1002.0	856.7	774.5	735.5	722.4	722.0	722.4	724.1	724.5	724.9
12.5°	1146.1	1031.3	863.5	780.0	751.6	744.4	743.2	742.7	744.0	744.9	745.3
15°	1207.5	1069.8	874.9	791.9	769.4	761.8	760.5	758.0	757.6	757.1	756.7
17.5°	1270.7	1108.0	887.6	804.6	780.9	770.3	765.6	759.7	755.0	753.7	755.0
20°	1334.6	1145.7	896.5	810.9	781.7	766.9	757.6	747.4	739.3	734.7	736.4
22.5°	1402.8	1185.1	902.0	809.3	774.1	753.7	736.8	724.9	712.7	704.6	705.0
25°	1469.4	1219.4	901.6	800.4	759.3	733.4	711.8	696.6	679.6	671.1	671.1
27.5°	1533.3	1250.3	891.0	784.7	738.1	709.3	683.4	665.2	648.7	640.6	640.2
30°	1599.4	1276.2	874.5	761.8	713.1	681.3	652.9	637.2	622.4	614.8	614.4
32.5°	1665.1	1299.9	851.2	733.4	684.3	653.8	625.8	611.4	602.5	602.5	602.9
35°	1734.6	1316.4	820.3	700.4	653.8	624.5	602.5	594.0	593.2	588.1	586.8
37.5°	1807.9	1327.0	782.6	666.5	623.7	596.1	589.4	579.2	570.7	559.7	558.0
40°	1885.0	1337.6	737.2	631.3	591.9	576.6	573.7	560.1	536.0	508.9	505.0
42.5°	1978.6	1344.8	690.2	596.1	558.4	553.3	557.6	534.3	495.7	475.4	475.8
45°	2087.1	1356.7	647.0	561.4	524.1	524.1	541.9	511.4	479.6	466.9	469.0
47.5°	2227.8	1384.2	606.7	523.3	492.3	500.8	507.2	483.9	466.1	450.4	450.0
50°	2431.1	1450.3	565.2	484.7	468.2	485.1	476.2	462.7	441.9	429.2	427.9
52.5°	2683.7	1489.3	528.3	450.0	447.4	464.4	451.7	438.9	423.3	406.3	402.9
55°	2855.7	1496.5	497.4	424.5	433.4	431.7	427.1	415.6	407.2	384.7	385.1
57.5°	3048.0	1510.9	472.0	409.3	424.5	405.9	404.2	394.5	383.4	368.2	363.1
60°	3278.1	1533.3	450.0	403.4	416.9	388.9	380.5	376.7	365.6	358.0	360.1
62.5°	3528.9	1553.7	427.5	404.2	408.0	372.4	359.7	358.4	351.7	349.1	349.1
65°	3700.1	1498.2	399.5	403.4	394.0	355.5	339.4	339.0	333.4	332.6	332.2
67.5°	*3640.4*	*1322.3*	*361.8*	*391.5*	*379.6*	*338.5*	*320.7*	*319.0*	*311.8*	*312.3*	*312.3*
70°	3341.2	1071.5	309.7	362.3	361.8	323.3	301.2	295.7	286.0	287.7	289.4
72.5°	2780.3	794.0	239.8	313.5	333.4	309.3	278.8	269.9	257.6	259.3	258.9
75°	2007.9	539.8	174.6	238.5	290.2	292.8	256.8	241.5	226.7	229.2	230.1
77.5°	1027.5	305.9	128.4	164.4	227.9	266.1	236.8	216.5	213.1	236.8	233.5
80°	335.1	153.4	89.0	115.2	149.6	217.8	207.6	184.3	183.5	189.0	162.3
82.5°	100.0	64.8	57.2	75.8	82.6	166.9	179.2	139.4	119.9	126.3	130.5
85°	34.3	31.4	32.6	37.7	39.4	97.9	125.4	92.4	87.3	96.2	94.9
87.5°	8.1	11.0	9.3	8.5	8.5	23.7	48.7	38.6	53.4	35.6	34.3
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

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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

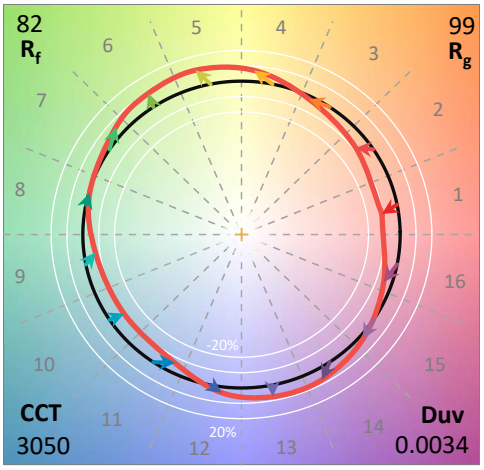
Test Information

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

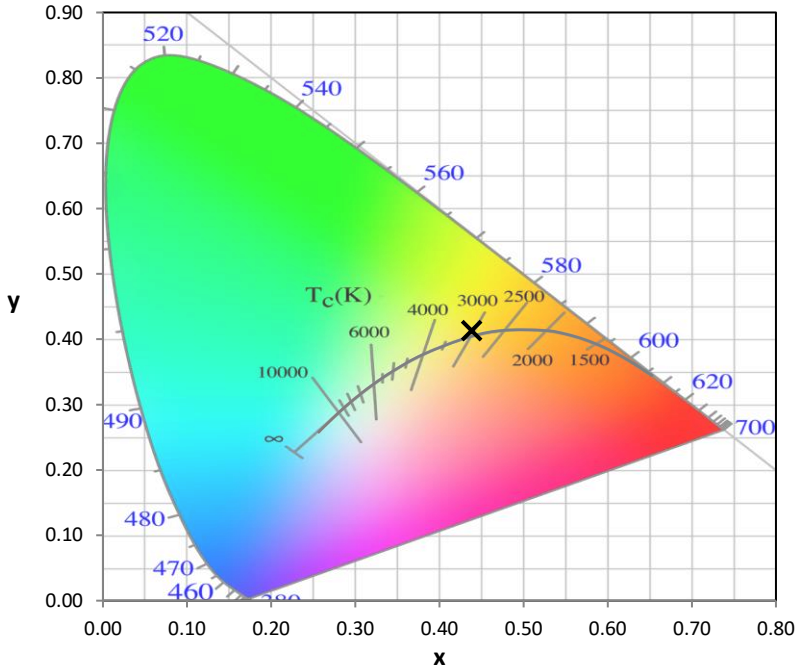
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

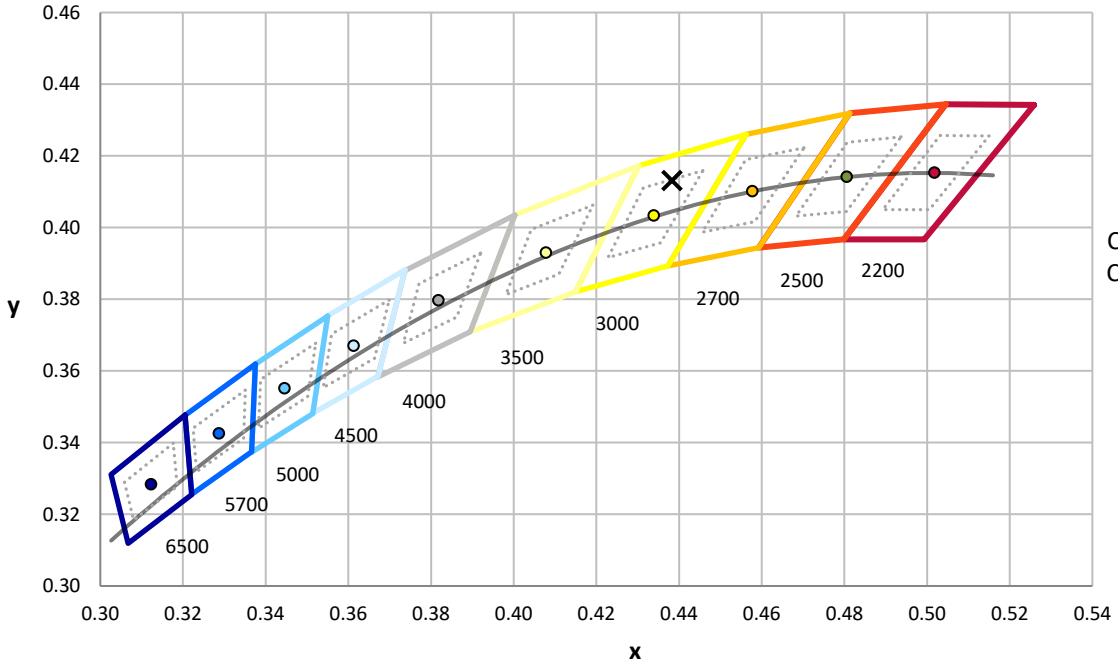
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

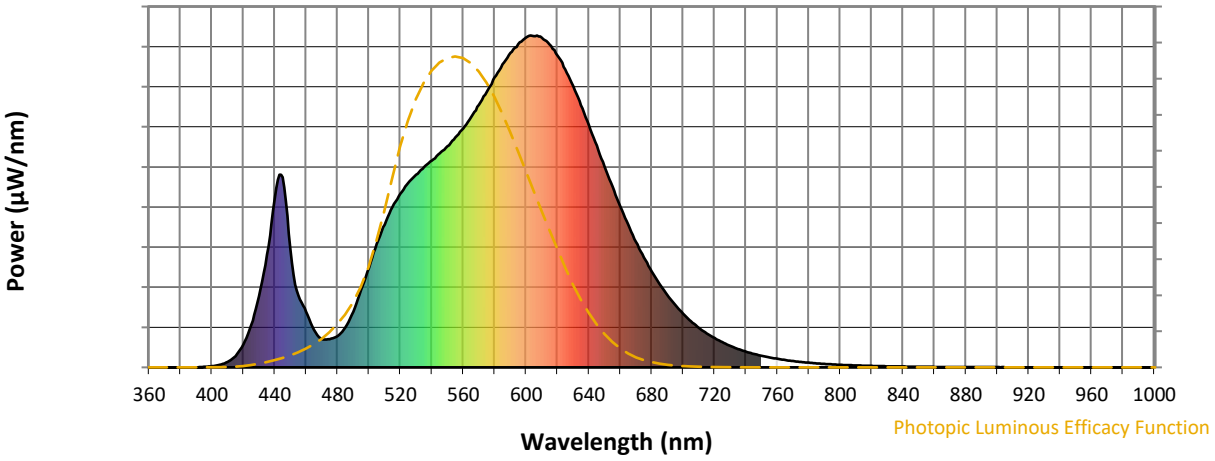


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

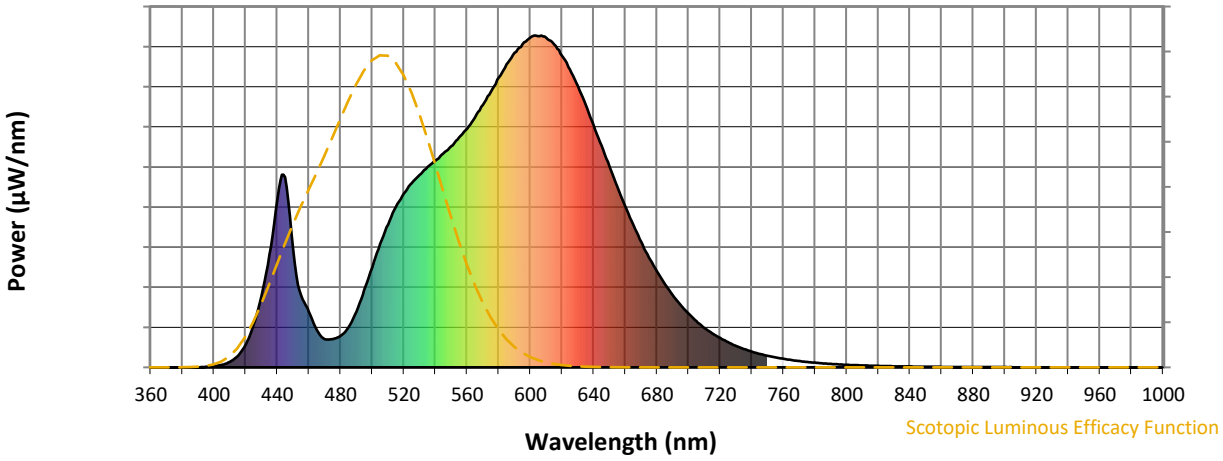


Photopic Lumens: NR

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

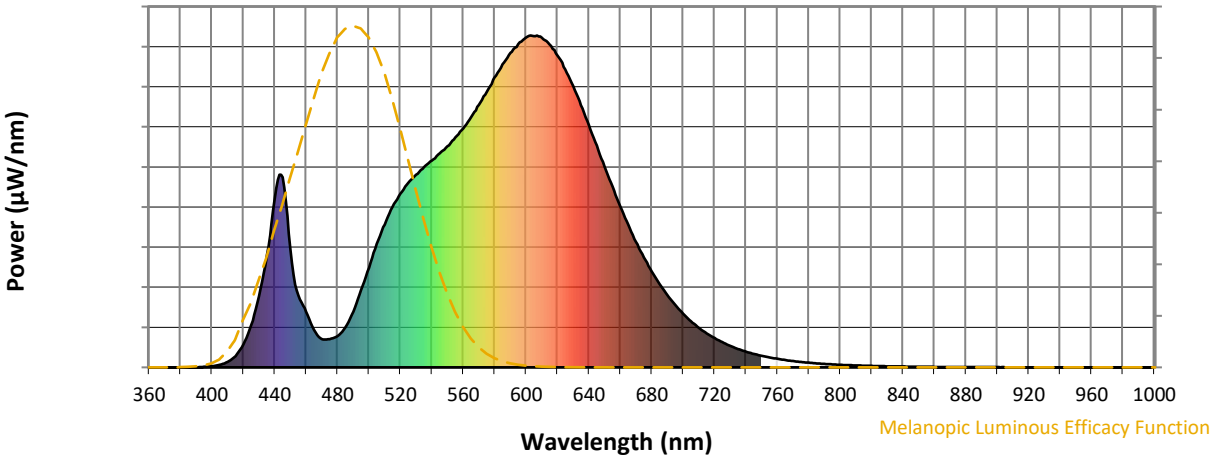


Scotopic Lumens: NR **S/P: 1.27**

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			

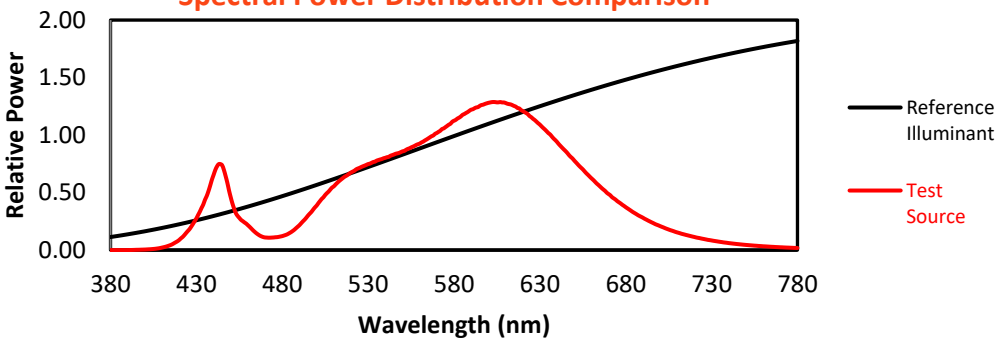
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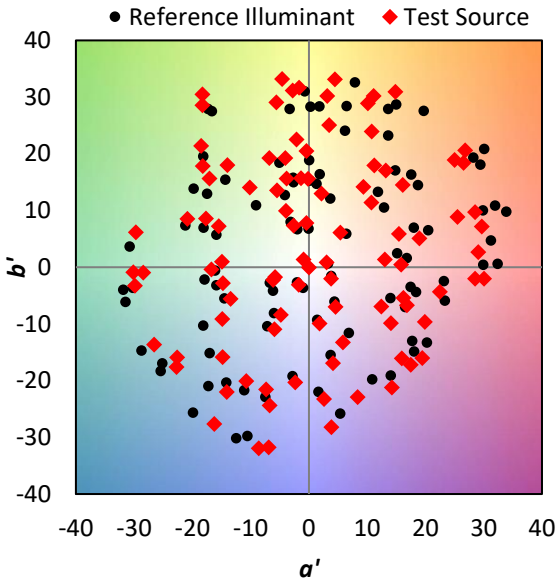
Summary

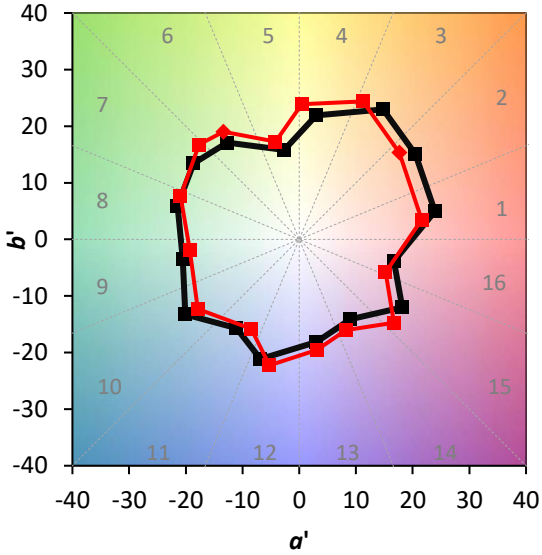
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

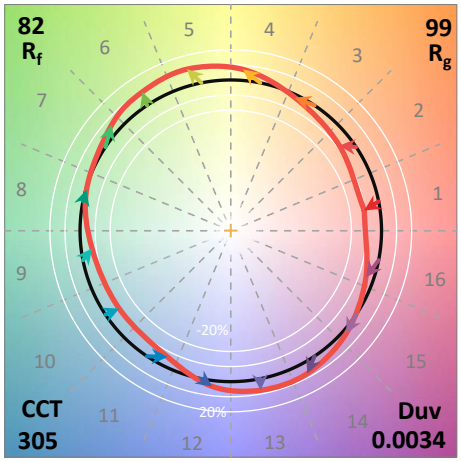
Spectral Power Distribution Comparison

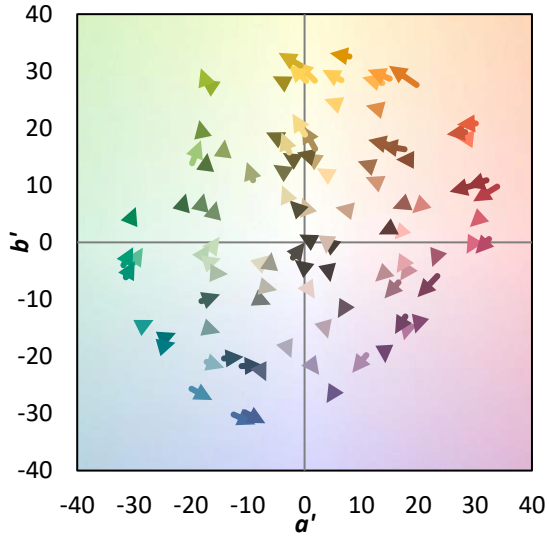


Color Vector Graphics







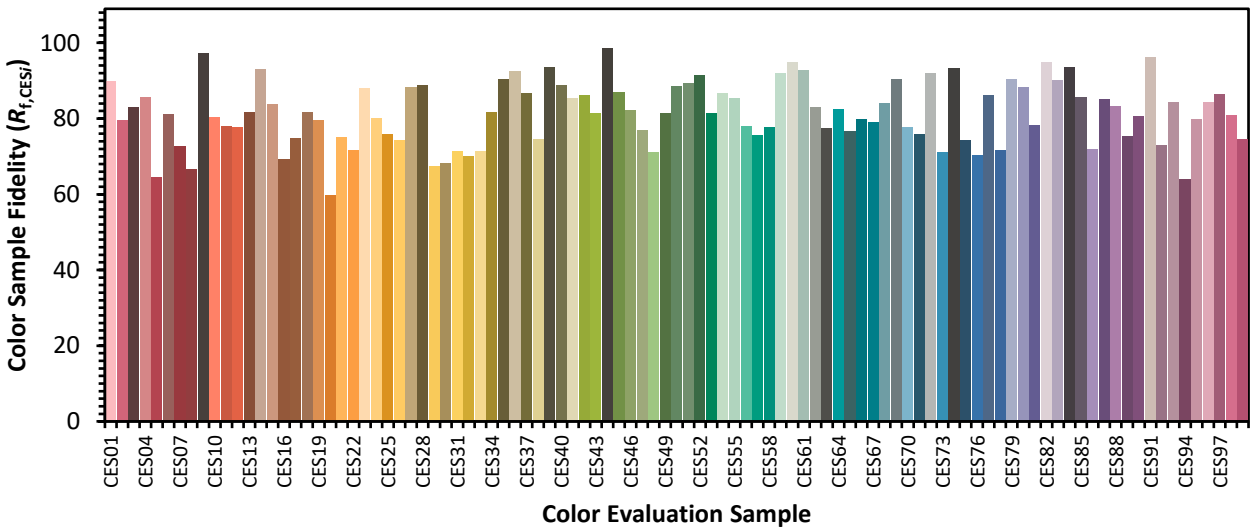


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Individual Sample Fidelity Index ($R_{f,i}$)

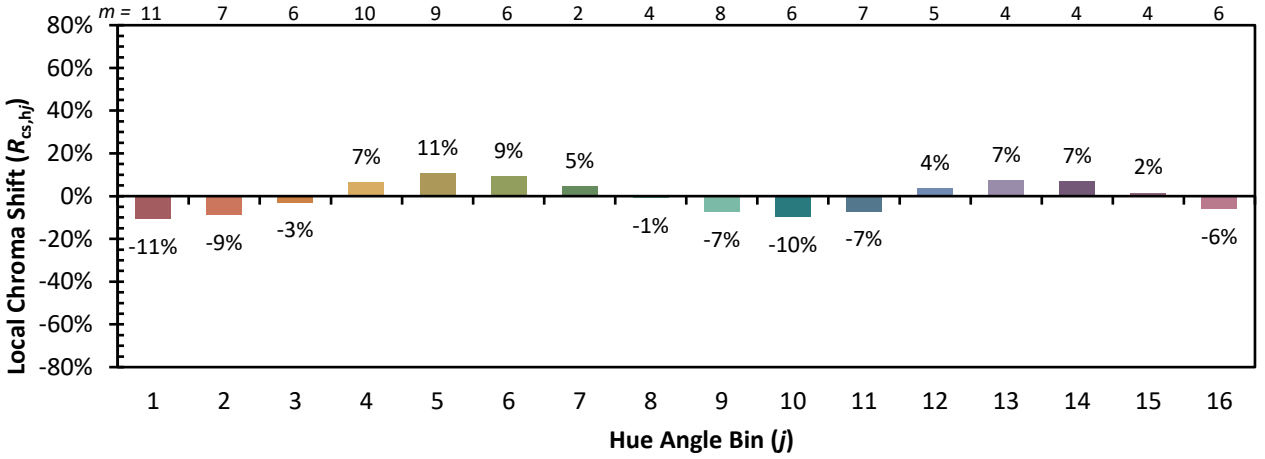
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

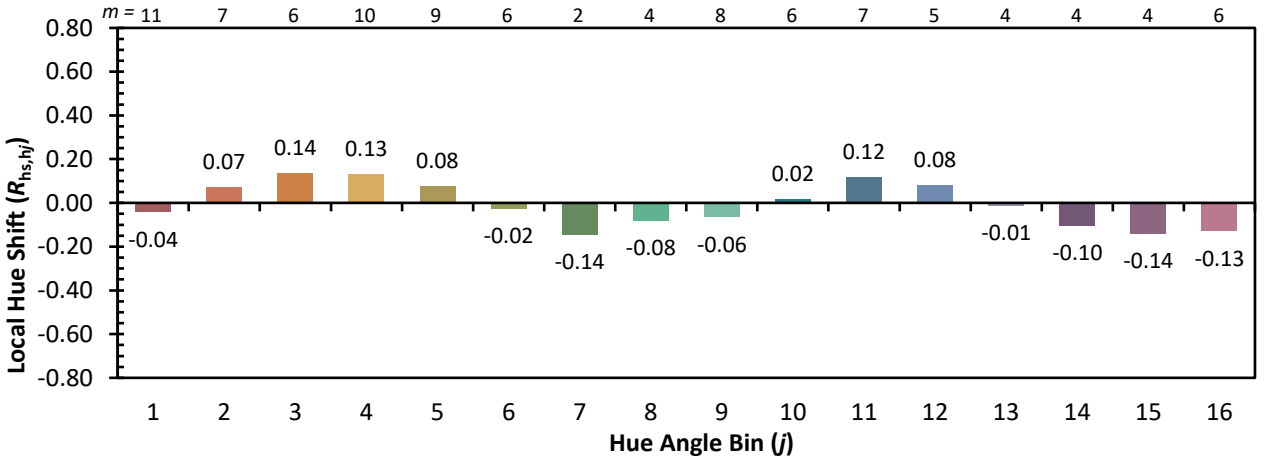


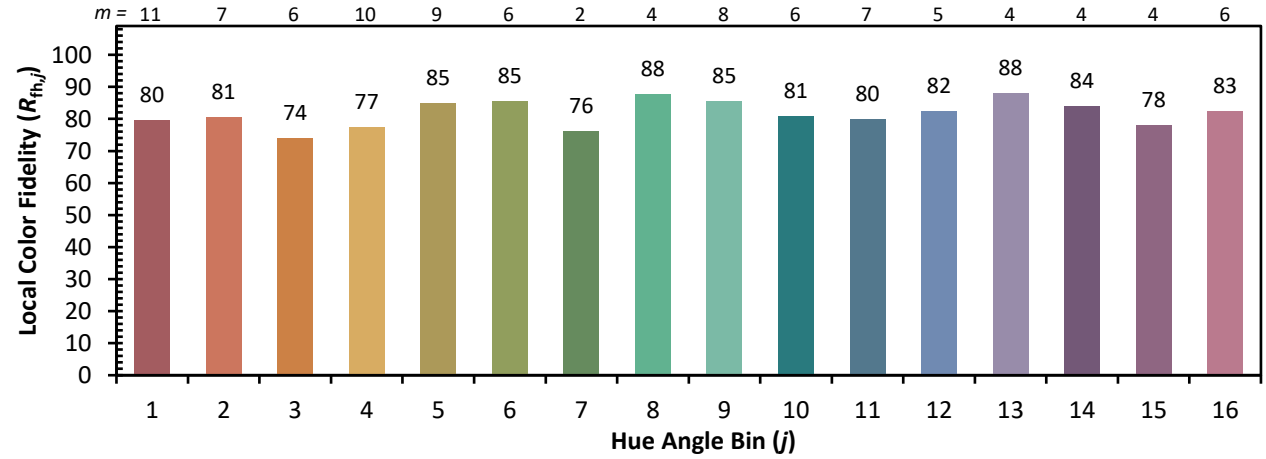
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Color Rendition by Hue-Angle Bin



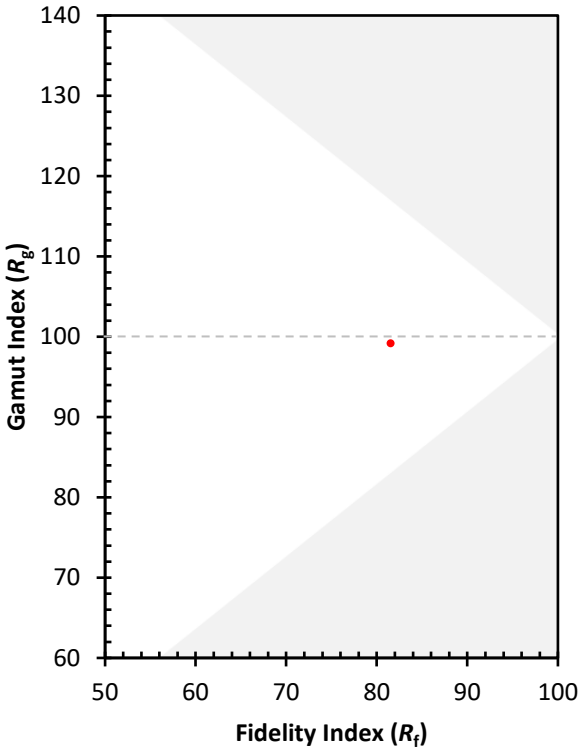


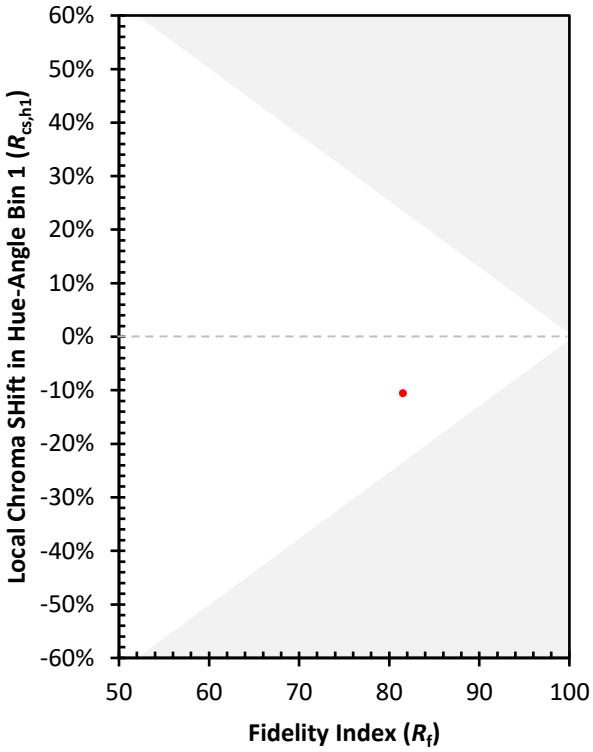


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Measure Comparisons





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