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: P1197495

Luminaire Tested: GPC-SB1A-830-U-T3R-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:	P1197495
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-830-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3374 lumens
Efficiency:	N/A
Efficacy:	109.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

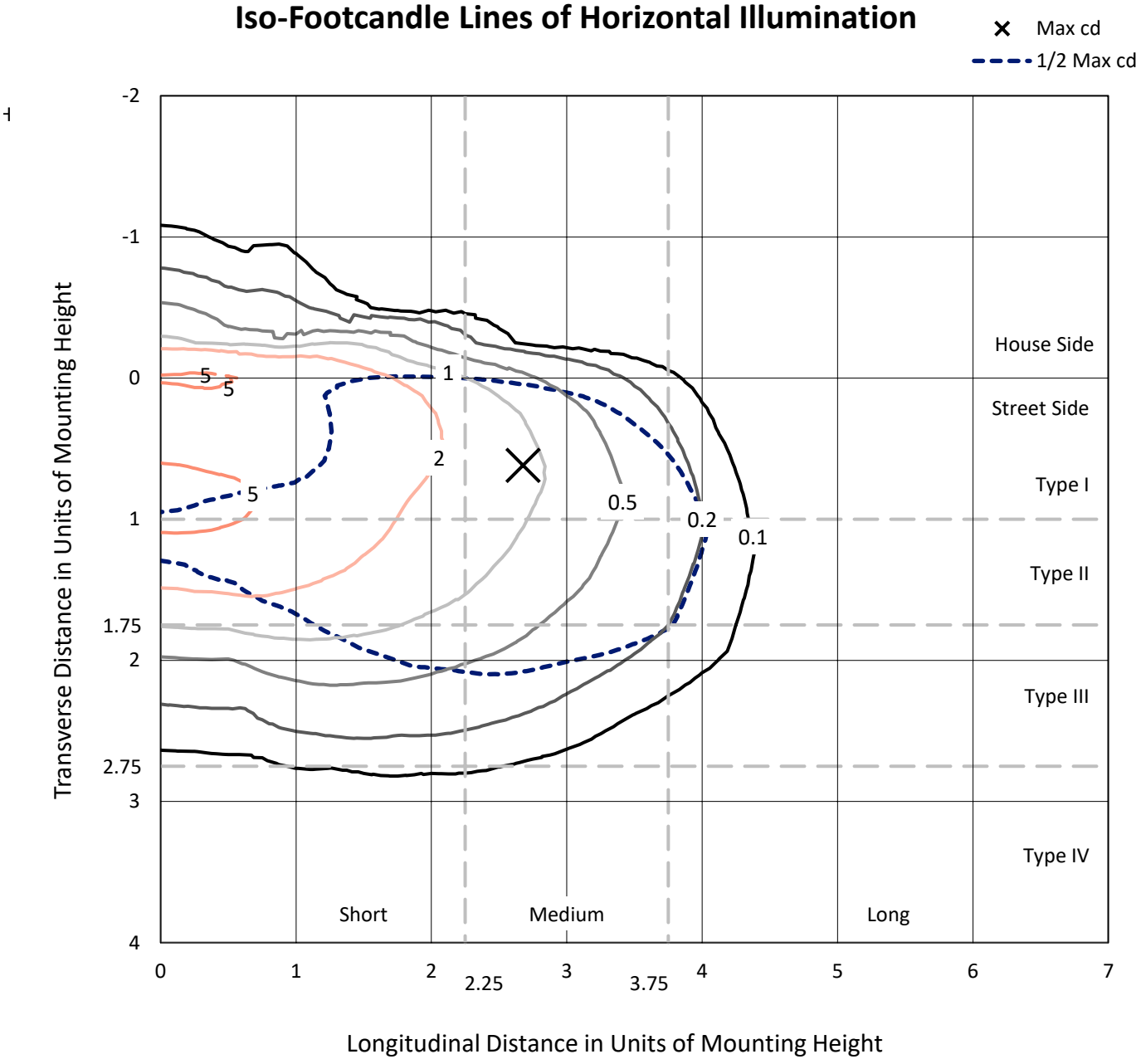


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REPORT NUMBER: P1197495
CATALOG NUMBER: GPC-SB1A-830-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



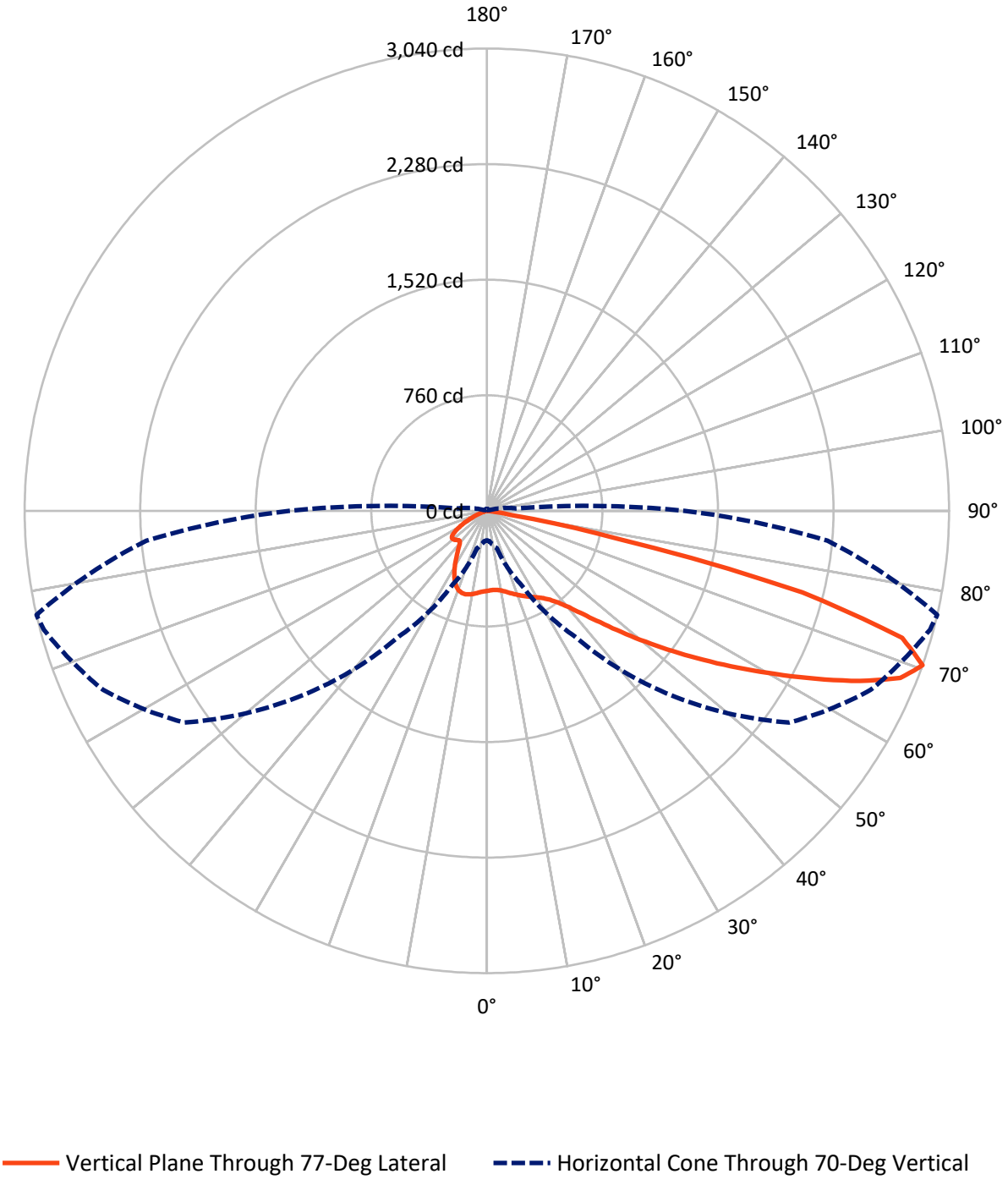
Based on 10 foot mounting height. Maximum calculated value = 6.2 fc
Type III - Medium - N/A

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REPORT NUMBER: P1197495
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Luminous Intensity Polar Plot



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Scaled Data Report

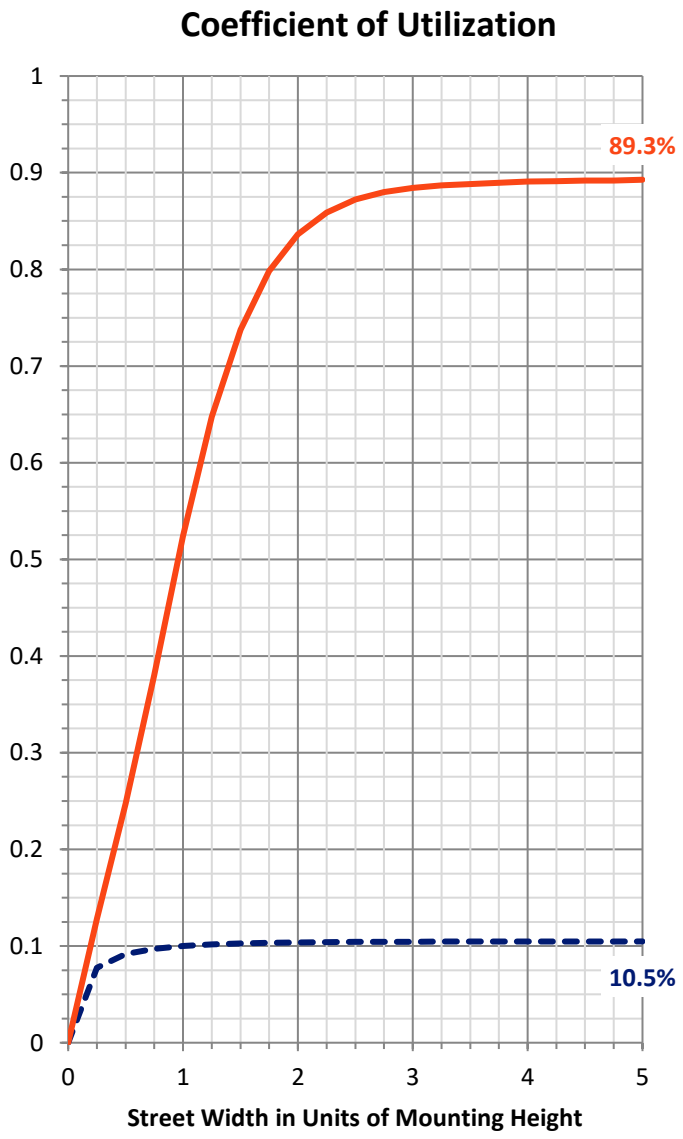
REPORT NUMBER: P1197495
CATALOG NUMBER: GPC-SB1A-830-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	355.7	0.0	355.7
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	3018.3	0.0	3018.3
	% Fixture	89.5	0.0	89.5
Total	Lumens	3374.0	0.0	3374.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.4	1.3
10°-20°	107.7	3.2
20°-30°	166.5	4.9
30°-40°	302.2	9.0
40°-50°	570.4	16.9
50°-60°	824.2	24.4
60°-70°	877.4	26.0
70°-80°	464.9	13.8
80°-90°	15.3	0.5
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°	3374.0	100.0
0°-180°	3374.0	100.0



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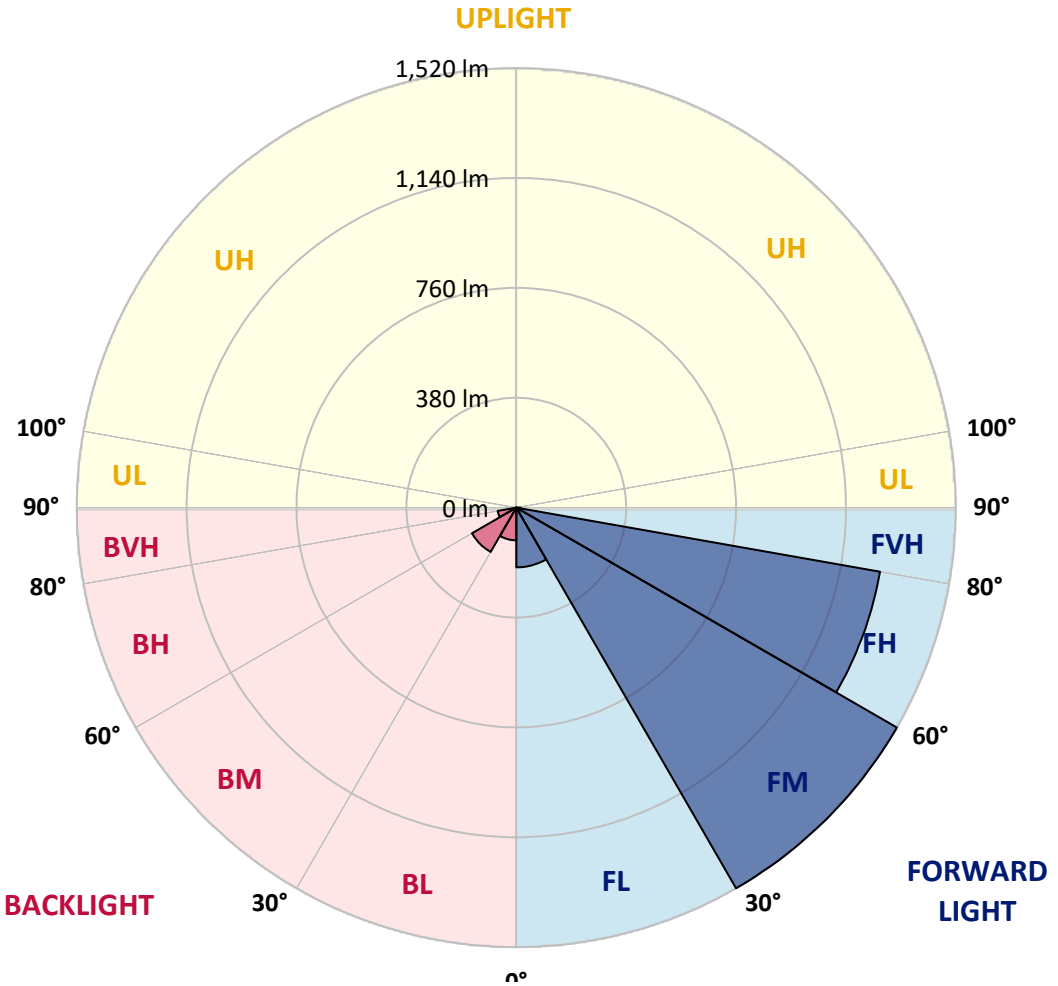
Scaled Data Report

REPORT NUMBER: P1197495
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	206.6	6.1			
FM	(30°-60°)	1519.8	45.0			
FH	(60°-80°)	1277.1	37.9			G1/1800
FVH	(80°-90°)	14.9	0.4			G1/100
BL	(0°-30°)	113.0	3.3	B1/500		
BM	(30°-60°)	177.1	5.2	B0/220		
BH	(60°-80°)	65.2	1.9	B0/110		G0/110
BVH	(80°-90°)	0.4	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-G1
Type III Medium



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Scaled Data Report

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	526.3	526.3	526.3	526.3	526.3	526.3	526.3	526.3	526.3	*526.3*	526.3
2.5°	494.1	498.6	497.9	500.9	502.0	506.3	510.5	516.3	522.7	*522.4*	526.7
5°	466.2	470.7	471.7	475.8	480.9	487.5	496.2	507.7	519.7	*521.6*	530.1
7.5°	433.2	437.9	440.6	448.7	458.1	471.7	486.0	502.8	522.7	*525.4*	541.8
10°	400.1	404.4	408.0	419.5	434.4	454.7	477.9	502.2	528.8	*532.9*	556.1
12.5°	379.7	383.7	387.8	397.8	416.3	441.1	472.6	505.2	539.1	*544.8*	575.5
15°	372.4	376.1	379.3	388.2	405.5	433.6	471.5	511.4	552.1	*559.7*	598.9
17.5°	373.5	375.4	377.6	384.4	401.2	430.2	473.4	522.0	567.4	*574.2*	622.4
20°	379.7	380.8	381.0	385.7	400.6	429.8	477.3	532.2	581.9	*591.1*	645.6
22.5°	387.6	388.0	387.6	390.8	404.6	433.0	482.4	544.6	598.1	*606.6*	669.0
25°	424.4	416.3	406.1	399.9	411.4	439.1	490.1	561.2	615.8	*624.1*	691.8
27.5°	538.9	515.6	479.0	437.9	425.5	448.1	500.7	578.1	633.7	*641.1*	716.3
30°	724.7	694.2	632.0	539.3	470.7	466.8	514.6	594.9	652.6	*660.7*	742.5
32.5°	910.9	903.4	831.6	703.3	572.3	508.6	537.6	617.7	677.8	*684.2*	777.9
35°	1099.2	1084.1	1025.3	898.5	728.9	593.6	575.9	647.5	710.8	*718.0*	829.5
37.5°	1243.5	1234.3	1197.9	1093.5	914.7	724.9	641.6	693.8	758.7	*766.8*	895.5
40°	1370.9	1366.6	1354.3	1285.5	1122.5	896.6	743.6	765.3	825.2	*834.8*	976.5
42.5°	1471.0	1481.1	1488.1	1468.9	1336.6	1092.6	880.8	865.9	917.9	*927.7*	1079.6
45°	1573.5	1576.9	1605.3	1633.0	1549.2	1297.6	1035.5	983.7	1033.2	*1045.3*	1203.2
47.5°	1639.4	1653.0	1702.9	1751.6	1728.0	1500.9	1201.7	1122.9	1166.8	*1189.6*	1341.7
50°	1644.3	1670.0	1738.7	1823.7	1858.2	1694.3	1382.4	1281.4	1328.1	*1353.2*	1489.6
52.5°	1562.7	1602.7	1709.0	1833.5	1928.5	1858.2	1569.3	1439.9	1499.8	*1532.6*	1643.0
55°	1198.1	1250.5	1597.6	1780.2	1931.3	1982.4	1751.2	1605.1	1691.1	*1728.2*	1808.8
57.5°	1043.8	1070.3	1256.0	1687.7	1879.9	2032.5	1915.7	1762.3	1899.3	*1945.3*	1965.4
60°	868.5	903.2	1053.4	1536.4	1810.2	2037.4	2061.0	1965.1	2124.9	*2176.7*	2109.0
62.5°	590.2	627.9	777.3	1276.5	1715.0	2035.0	2180.1	2174.0	2375.7	*2431.3*	2230.6
65°	365.6	389.3	487.7	1042.3	1581.8	2037.6	2304.8	2427.5	2640.4	*2696.8*	2324.8
67.5°	288.9	299.8	351.1	800.3	1352.4	1980.1	2429.2	2665.9	2889.4	*2934.2*	2353.6
70°	*194.1*	*200.7*	*255.5*	*536.5*	*1006.1*	*1714.6*	*2426.9*	*2785.7*	*3017.7*	*3040.1*	*2248.7*
72.5°	102.3	107.4	149.4	248.4	607.7	1218.8	2045.7	2642.5	2890.1	*2856.4*	1922.1
75°	51.1	59.7	100.6	126.1	259.5	679.7	1270.3	2083.4	2274.7	*2144.3*	1233.2
77.5°	38.8	46.9	83.1	83.1	90.3	228.8	538.0	1136.3	1048.1	*872.7*	362.0
80°	24.7	32.0	72.7	62.9	37.7	58.2	140.2	318.3	222.7	*169.4*	65.8
82.5°	14.5	20.9	60.5	41.5	21.1	21.5	39.6	67.8	57.7	*45.0*	20.2
85°	5.8	13.6	41.5	16.4	8.3	5.3	11.9	14.5	11.9	*8.9*	5.1
87.5°	0.0	3.2	7.2	0.0	0.6	0.4	0.9	1.1	1.1	*0.9*	1.7
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: P1197495
CATALOG NUMBER: GPC-SB1A-830-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	526.3	526.3	526.3	526.3	526.3	526.3	526.3	526.3	526.3	526.3	526.3
2.5°	528.6	529.1	530.3	530.5	527.6	523.7	522.2	521.6	519.0	518.8	519.3
5°	535.0	536.9	535.0	529.5	516.3	497.7	483.7	472.2	461.7	458.5	456.6
7.5°	547.8	549.7	544.0	522.2	489.0	452.1	418.9	395.5	374.4	366.5	363.3
10°	566.1	568.7	550.6	506.7	447.9	388.6	332.4	292.8	261.9	249.3	244.0
12.5°	589.1	590.2	554.2	483.0	394.4	309.8	230.1	187.7	160.2	150.0	146.8
15°	614.5	613.0	554.6	450.9	321.5	219.0	150.2	123.4	112.3	108.9	108.9
17.5°	641.1	634.9	546.1	404.4	241.6	149.8	111.4	105.0	103.1	102.3	102.1
20°	667.3	653.5	530.5	343.7	173.4	111.9	101.2	99.3	98.2	97.8	97.4
22.5°	691.2	667.5	503.9	273.2	125.9	98.9	95.7	94.0	92.0	91.2	91.0
25°	714.4	675.6	466.4	207.3	100.8	92.5	89.9	86.7	84.2	83.1	82.7
27.5°	737.0	680.8	419.5	153.4	89.9	86.5	81.8	77.3	75.4	75.0	74.6
30°	761.1	682.5	366.3	114.4	83.3	79.0	72.2	67.1	66.1	66.3	66.3
32.5°	790.5	685.0	312.6	93.8	77.8	70.1	62.0	56.7	55.8	56.7	56.5
35°	825.6	690.1	260.8	86.3	72.9	60.9	52.2	47.7	46.9	47.5	47.3
37.5°	873.4	698.4	212.4	84.8	68.8	53.3	43.9	40.3	40.3	40.5	40.3
40°	936.9	720.6	169.2	83.7	66.7	47.5	37.1	35.6	36.2	36.6	36.6
42.5°	1014.2	767.7	140.0	82.5	64.3	45.0	33.7	33.0	34.1	34.5	34.5
45°	1100.9	827.4	129.8	80.3	62.2	46.7	32.2	31.3	32.6	32.8	33.0
47.5°	1190.6	885.7	128.5	78.0	60.1	49.2	31.7	29.8	31.3	31.5	31.7
50°	1281.4	923.9	129.8	74.4	56.7	49.2	32.0	28.3	29.6	30.3	30.5
52.5°	1372.8	941.3	128.9	66.5	50.7	46.2	32.0	27.1	28.3	28.8	28.8
55°	1461.4	937.9	115.9	54.8	43.0	40.9	31.1	26.0	26.8	27.1	27.1
57.5°	1531.5	890.4	91.8	42.6	34.9	34.1	28.3	24.7	25.4	25.1	25.1
60°	1568.2	786.0	65.6	32.8	27.5	26.8	24.9	23.0	23.4	22.4	22.2
62.5°	1568.6	647.9	43.9	26.0	21.9	21.3	21.3	20.7	20.2	18.1	17.5
65°	1535.2	494.7	29.2	20.7	17.7	16.6	17.9	17.7	16.2	13.2	12.8
67.5°	1459.3	324.3	22.2	16.2	13.6	13.0	14.3	14.9	13.8	11.1	10.9
70°	*1303.3*	*188.8*	*18.3*	*12.6*	*10.2*	*9.6*	*11.5*	*12.8*	*11.5*	*8.9*	*8.5*
72.5°	1082.6	101.8	14.9	9.4	7.0	6.4	9.2	10.4	9.2	6.6	6.4
75°	702.5	54.5	11.5	6.2	3.6	4.0	6.8	7.7	6.4	4.3	3.8
77.5°	235.9	24.1	7.2	3.0	1.7	1.7	4.0	4.7	3.0	1.5	1.3
80°	52.6	10.0	3.0	1.3	0.6	0.6	0.9	0.9	0.4	0.0	0.0
82.5°	17.3	4.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.6	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.6	0.2	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

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

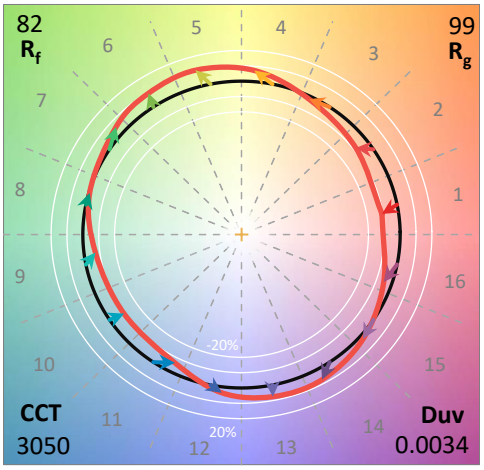
Test Information

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

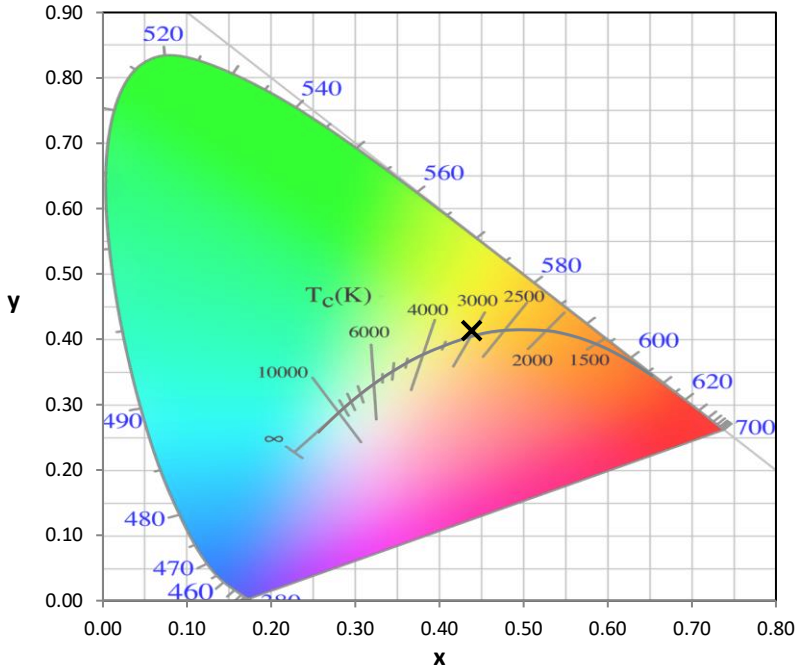
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

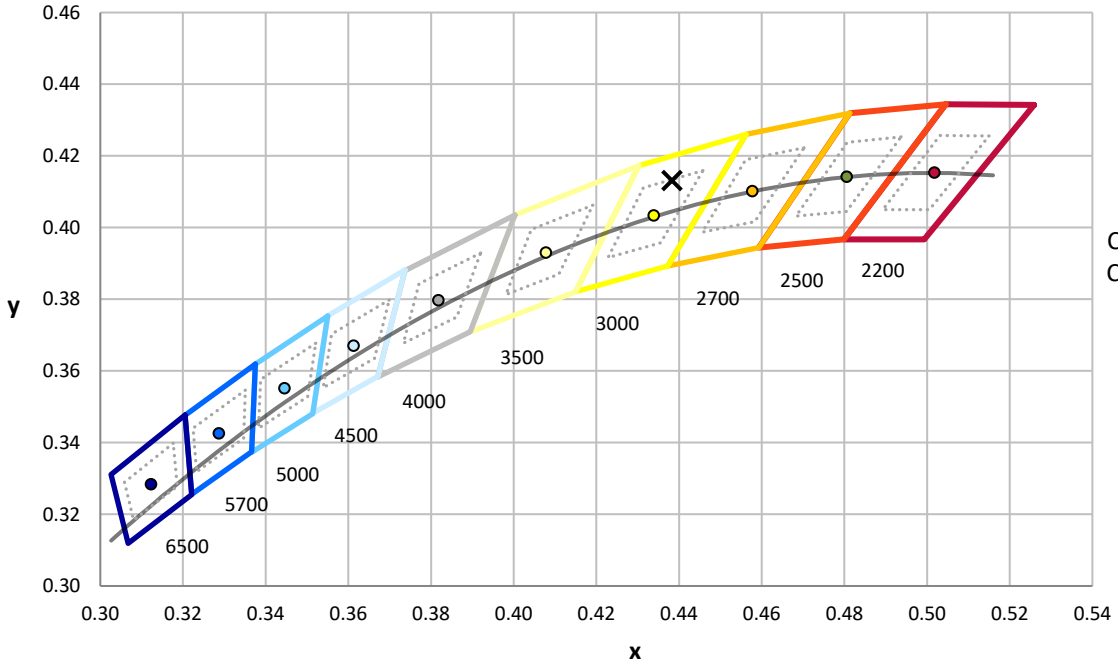
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

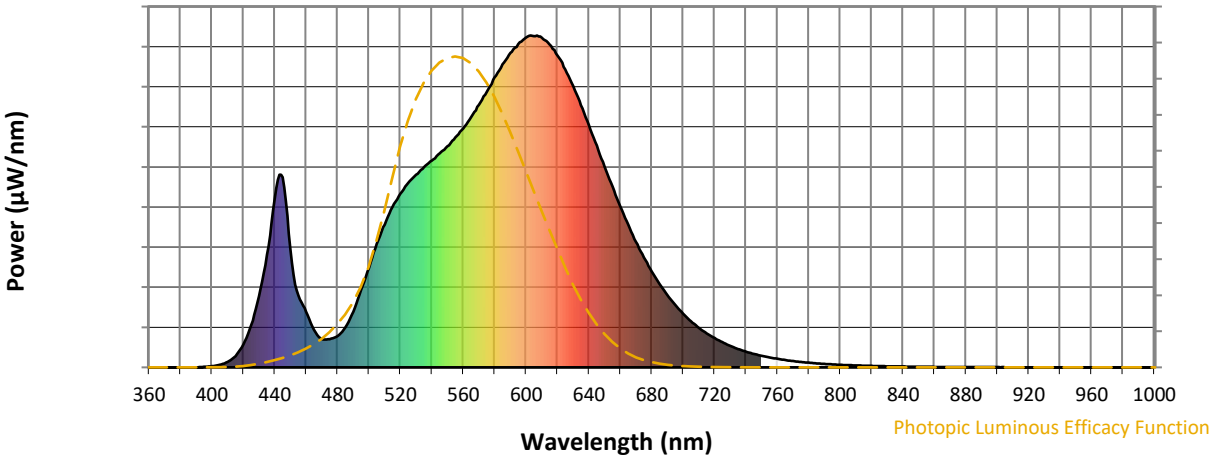


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

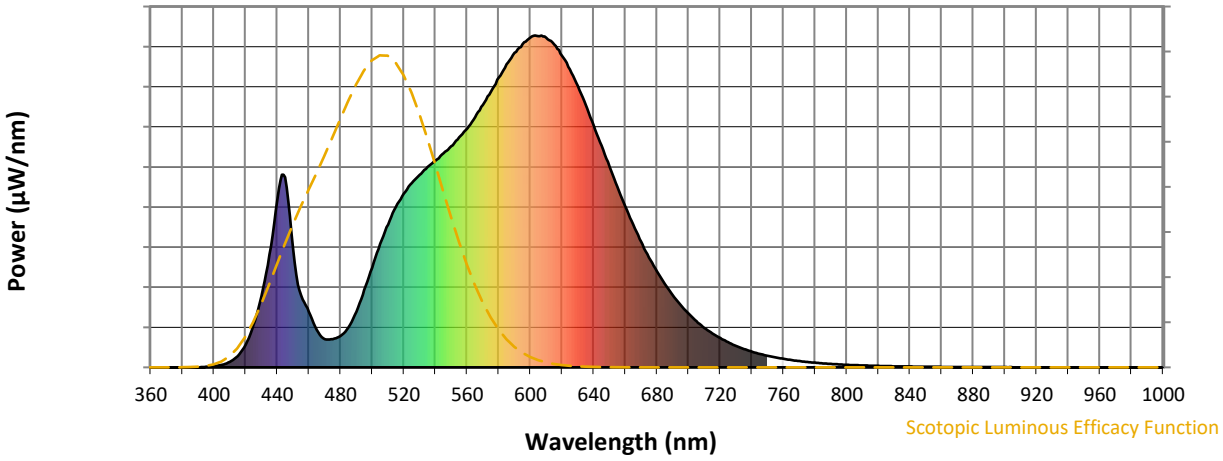


Photopic Lumens: NR

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

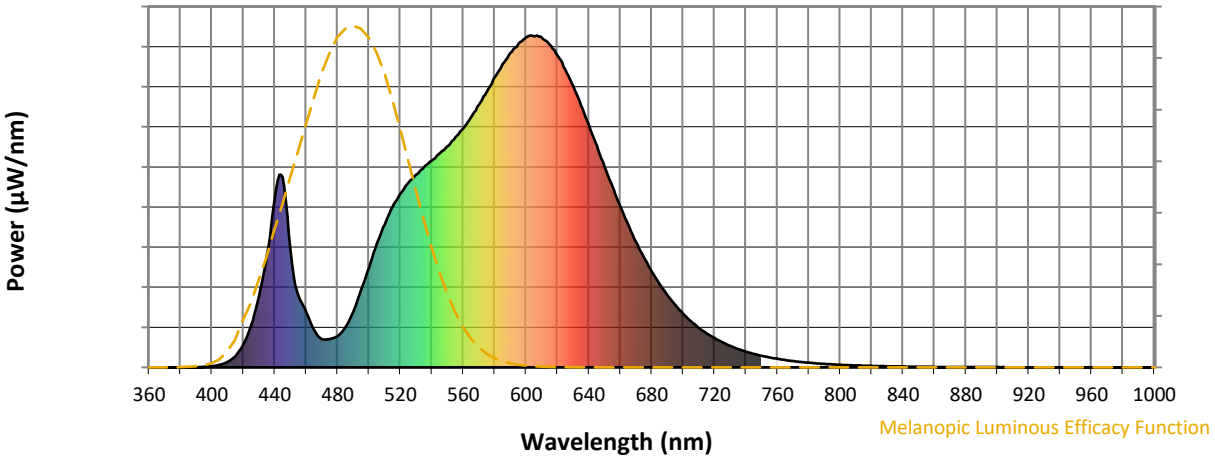


Scotopic Lumens: NR **S/P: 1.27**

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			

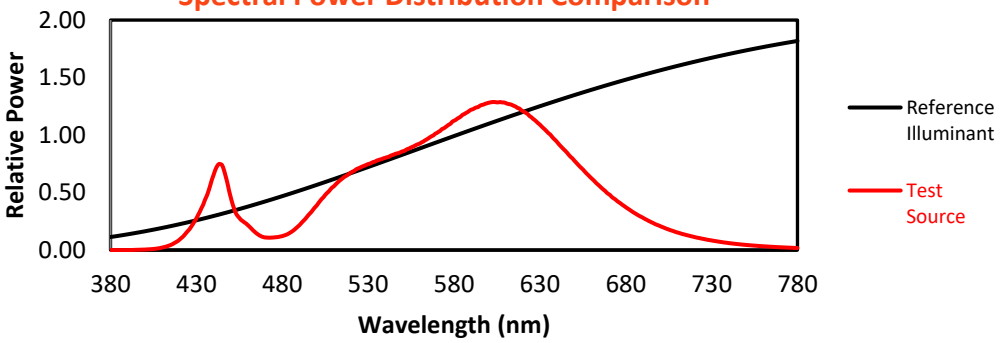
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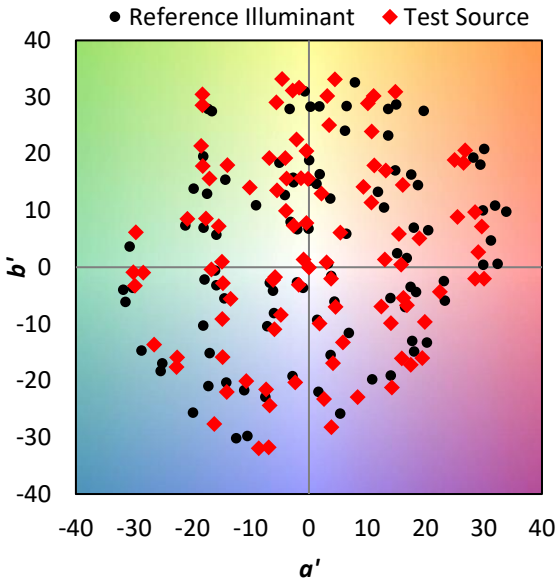
Summary

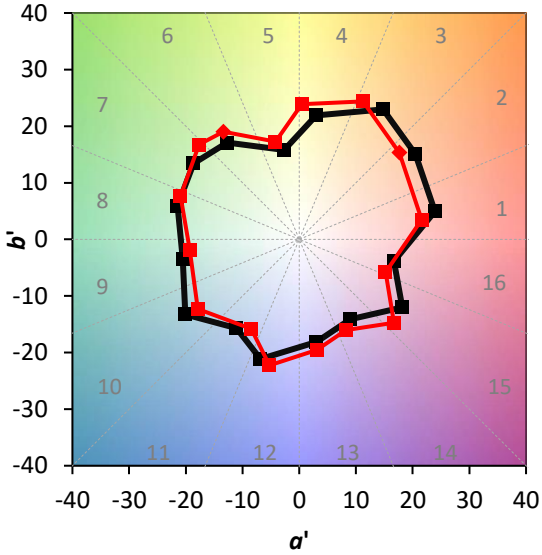
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

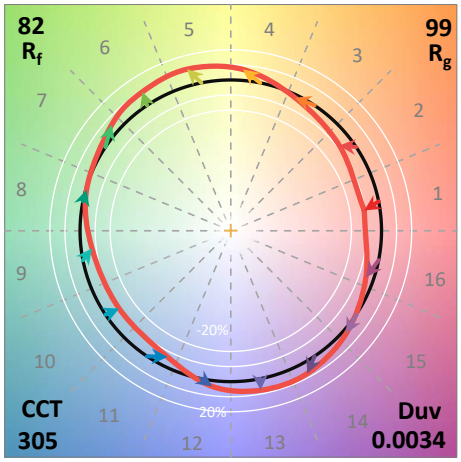
Spectral Power Distribution Comparison

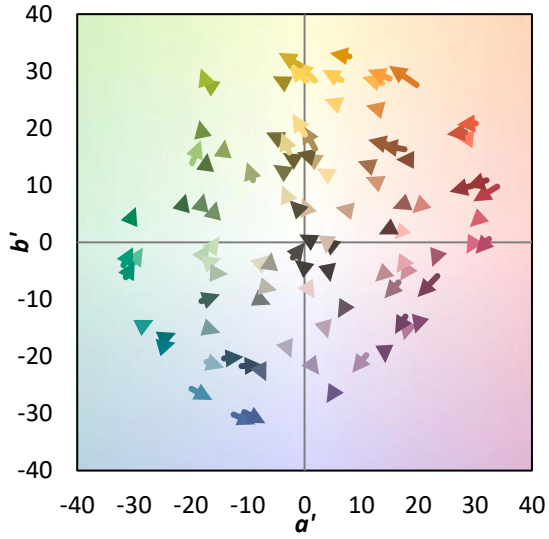


Color Vector Graphics







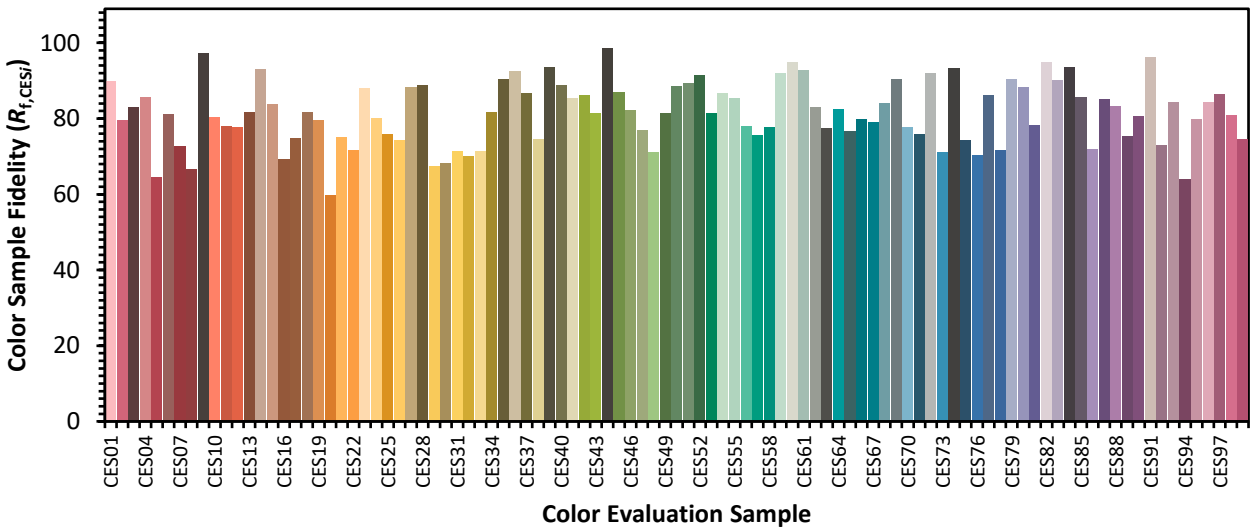


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Individual Sample Fidelity Index ($R_{f,i}$)

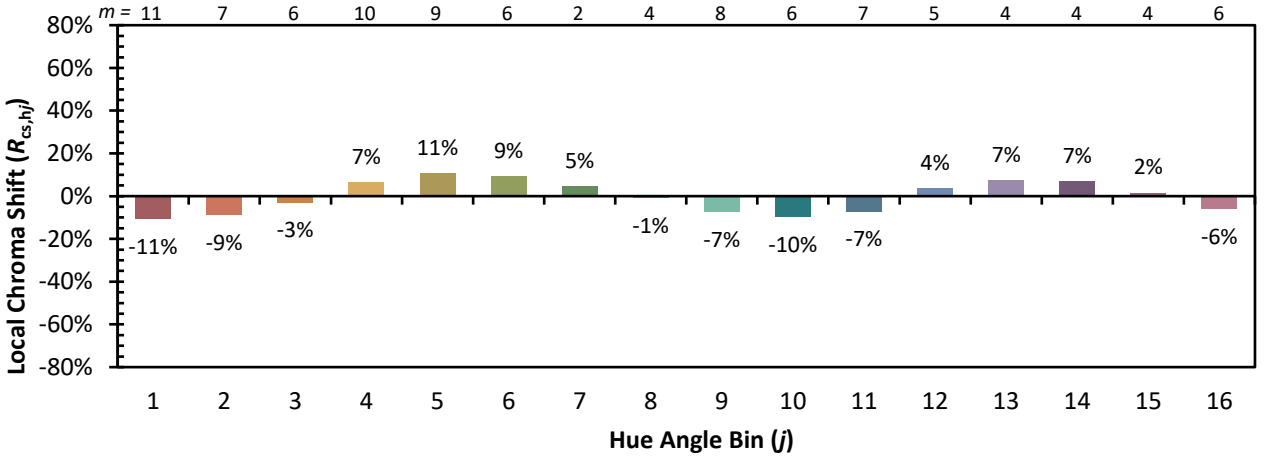
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

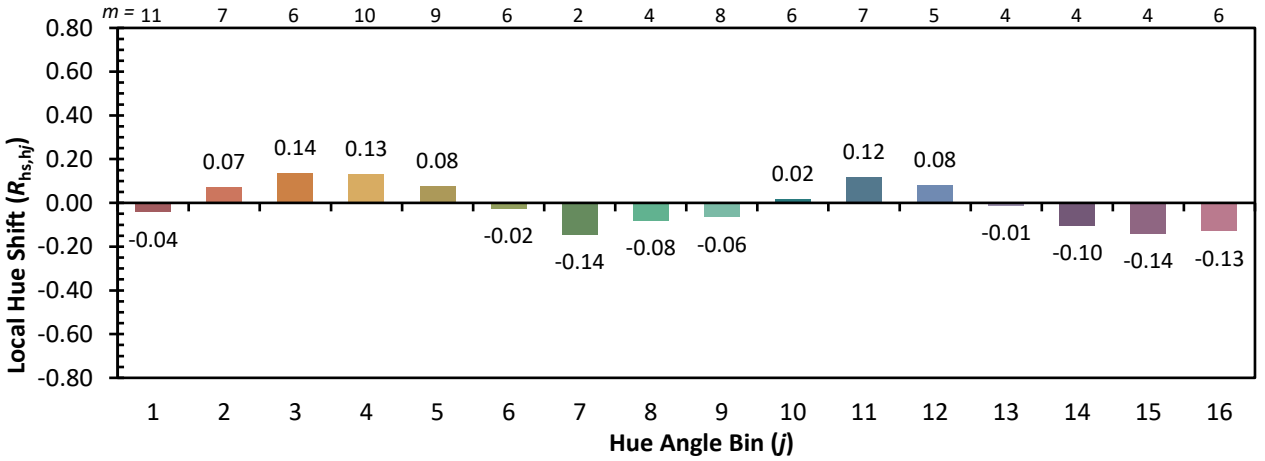


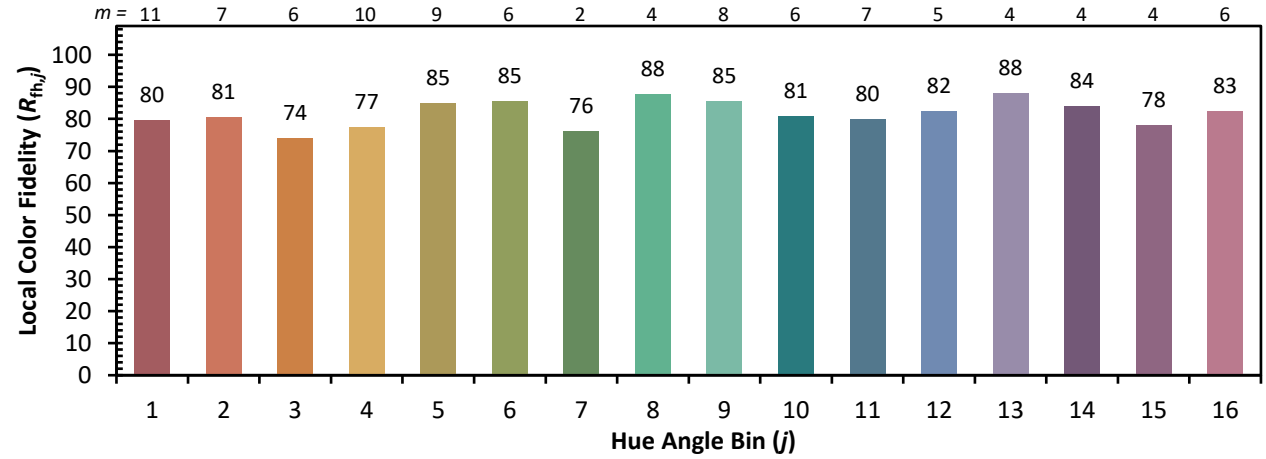
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Color Rendition by Hue-Angle Bin



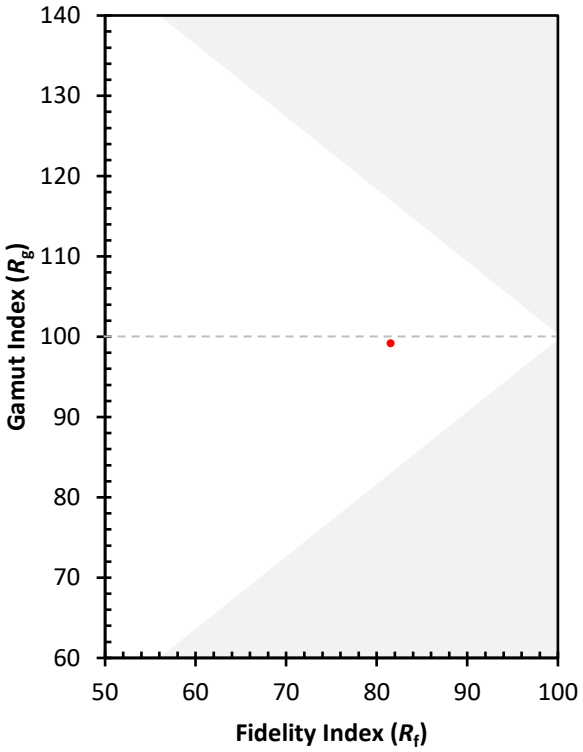


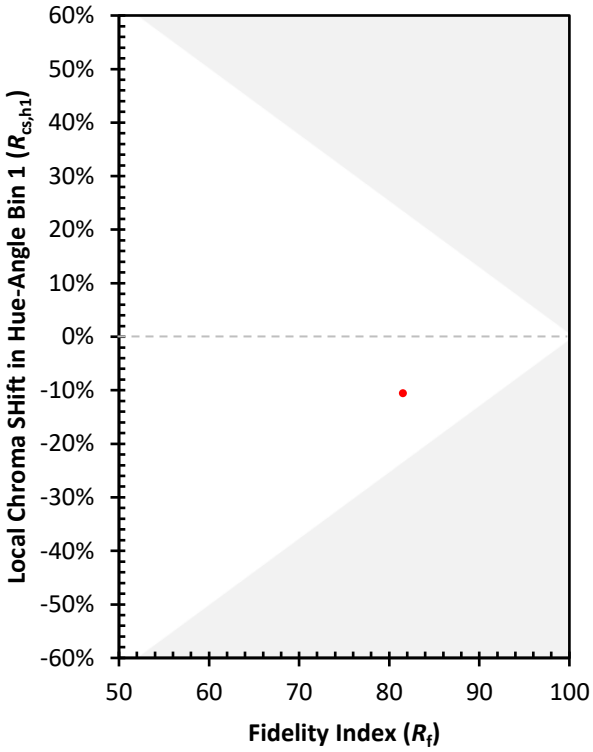


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Measure Comparisons





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