Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1200809

Luminaire Tested: GPC-SB2D-830-U-AFL-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:	P1200809
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2D-830-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE FRONTLIN
	OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15588 lumens
Efficiency:	N/A
Efficacy:	105.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G2

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

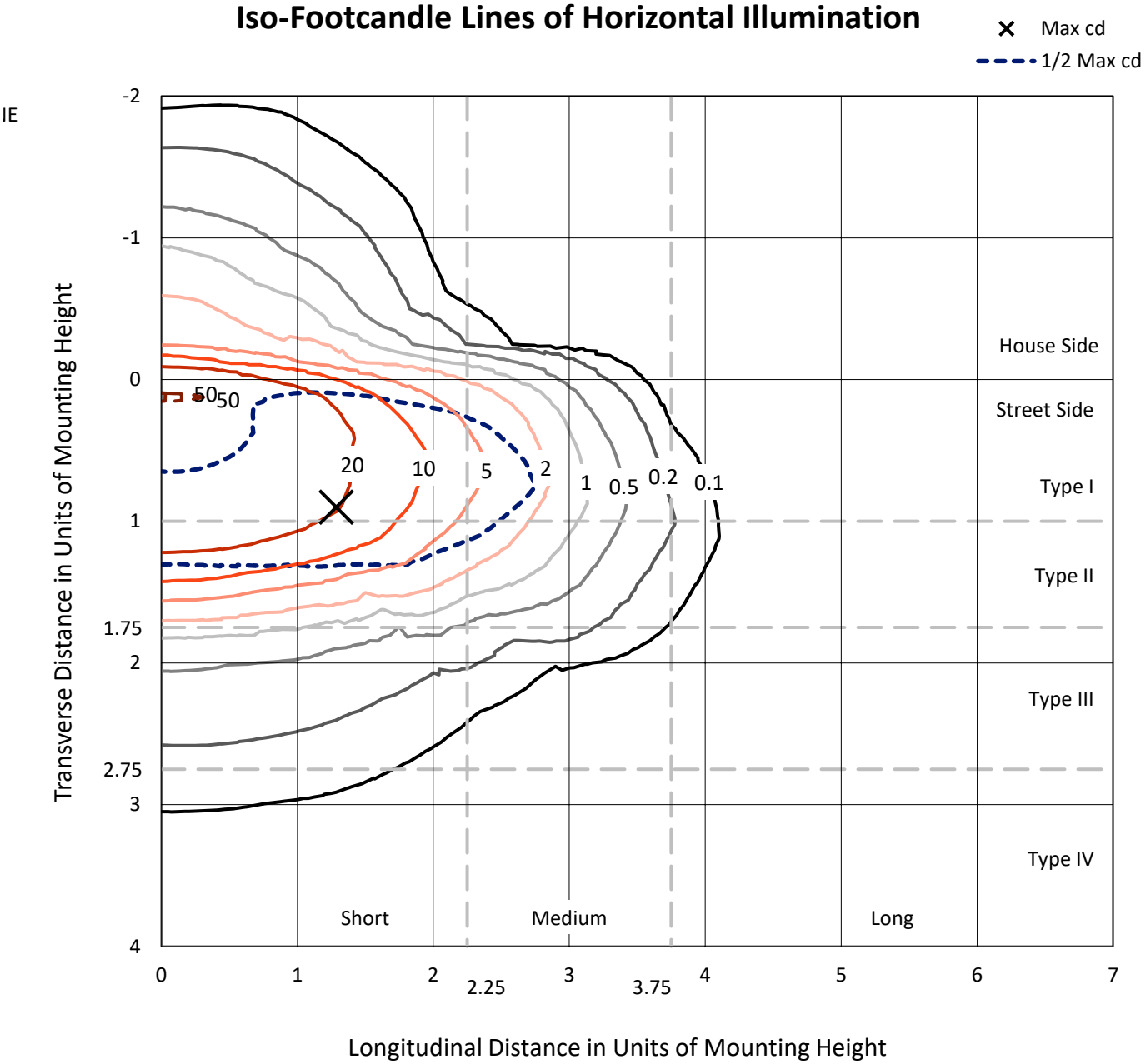


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Scaled Data Report

REPORT NUMBER: P1200809
CATALOG NUMBER: GPC-SB2D-830-U-AFL-HSS

Iso-Footcandle Lines of Horizontal Illumination



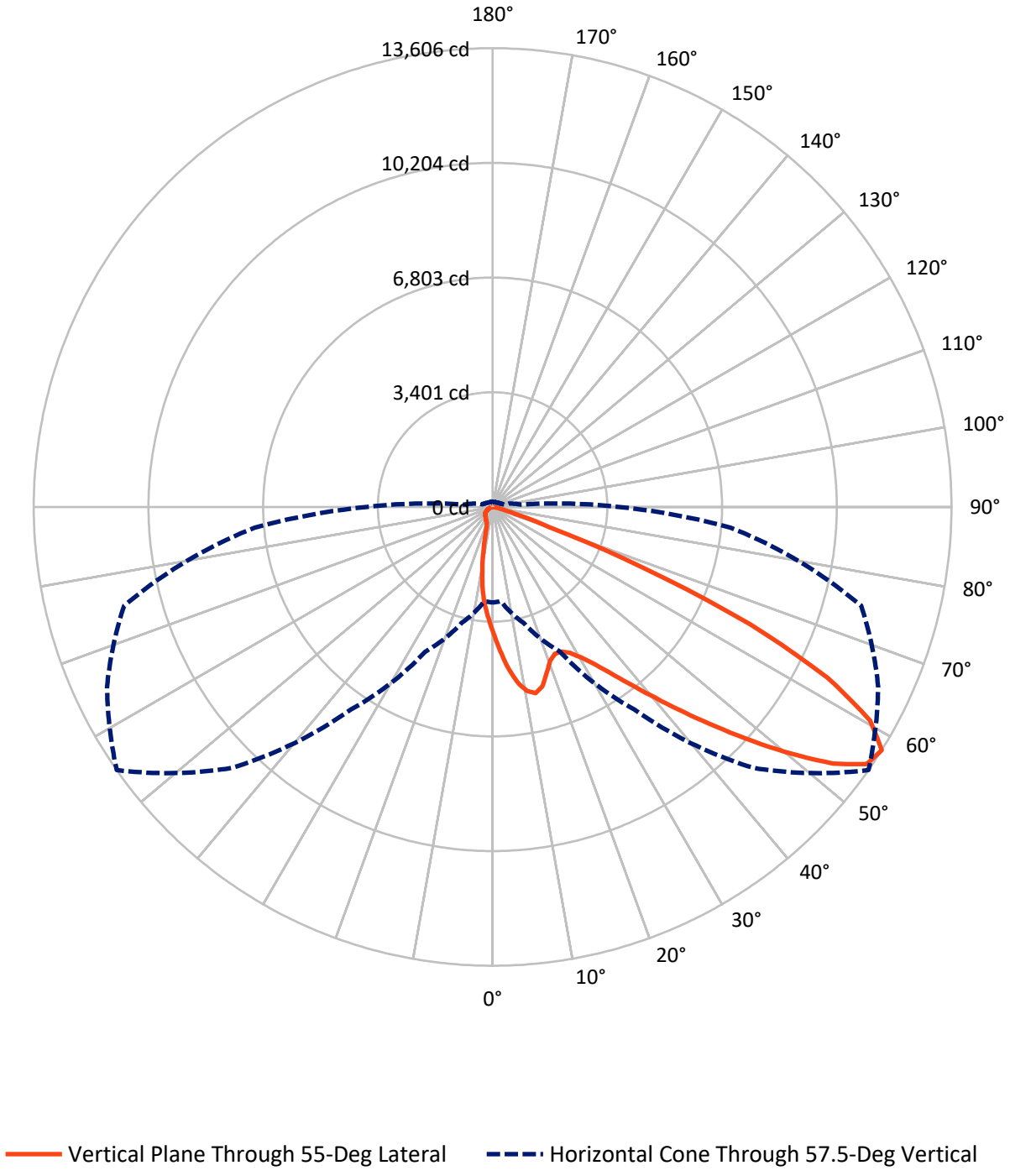
Based on 10 foot mounting height. Maximum calculated value = 53.8 fc
Type II - Short - N/A

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REPORT NUMBER: P1200809
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Luminous Intensity Polar Plot



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Scaled Data Report

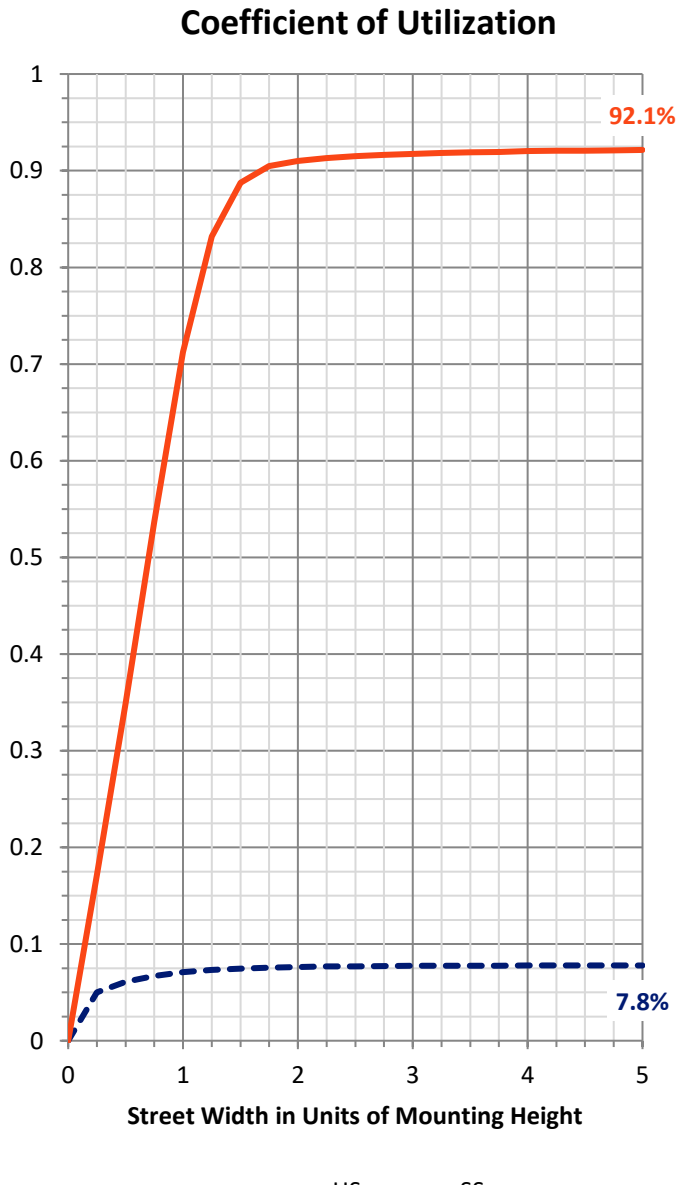
REPORT NUMBER: P1200809
CATALOG NUMBER: GPC-SB2D-830-U-AFL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1217.4	0.0	1217.4
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	14370.6	0.0	14370.6
	% Fixture	92.2	0.0	92.2
Total	Lumens	15588.0	0.0	15588.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	349.5	2.2
10°-20°	844.2	5.4
20°-30°	1350.8	8.7
30°-40°	2286.2	14.7
40°-50°	3753.5	24.1
50°-60°	4125.4	26.5
60°-70°	2366.3	15.2
70°-80°	483.5	3.1
80°-90°	28.5	0.2
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°	15588.0	100.0
0°-180°	15588.0	100.0



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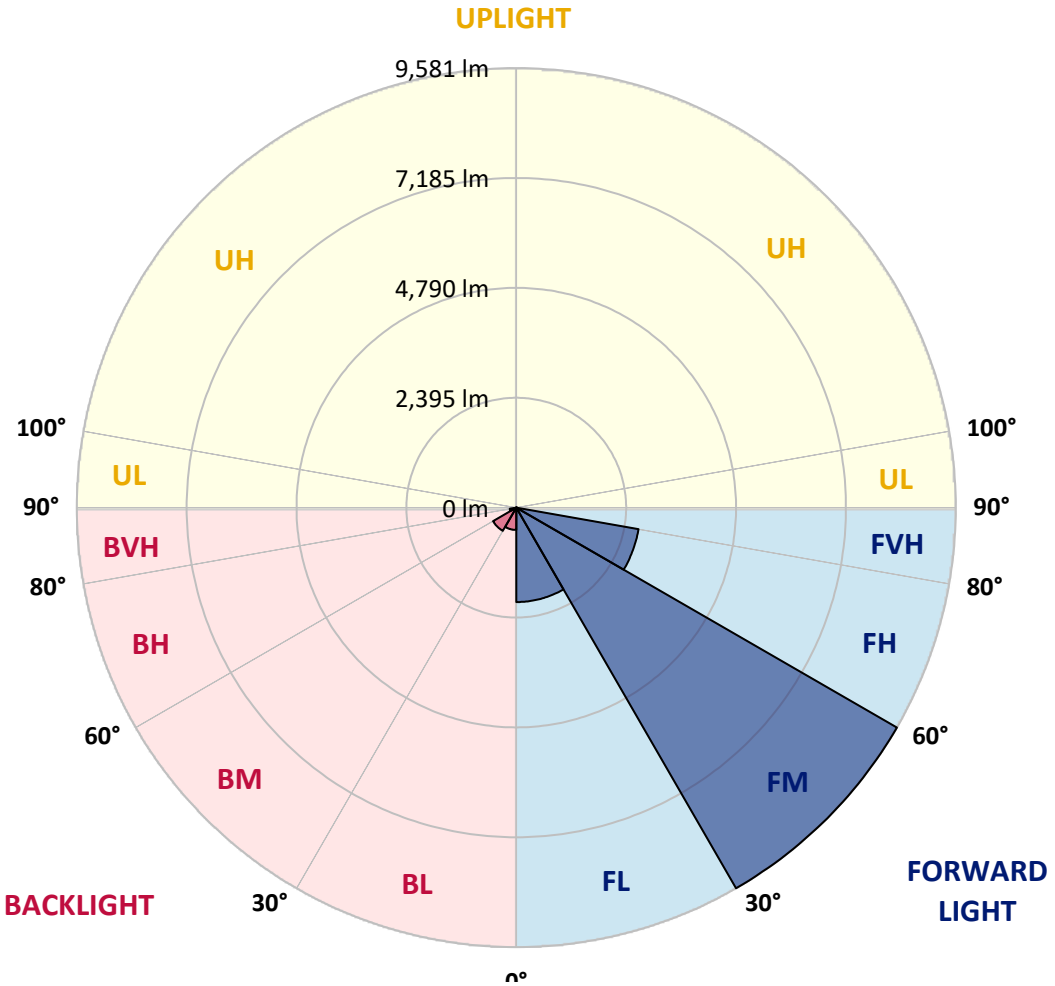
Scaled Data Report

REPORT NUMBER: P1200809
CATALOG NUMBER: GPC-SB2D-830-U-AFL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2058.5	13.2			
FM	(30°-60°)	9580.5	61.5			
FH	(60°-80°)	2705.1	17.4			G2/5000
FVH	(80°-90°)	26.6	0.2			G1/100
BL	(0°-30°)	486.0	3.1	B1/500		
BM	(30°-60°)	584.7	3.8	B1/1000		
BH	(60°-80°)	144.8	0.9	B1/500		G1/500
BVH	(80°-90°)	1.9	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-G2
Type II Short



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Scaled Data Report

REPORT NUMBER: P1200809
CATALOG NUMBER: GPC-SB2D-830-U-AFL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3
2.5°	4660.8	4602.2	4593.5	4582.0	4470.5	4386.9	4265.8	4133.1	3984.1	3832.3	3765.0
5°	5384.6	5338.4	5329.8	5276.0	5149.1	5006.8	4791.5	4519.5	4241.7	3914.9	3774.6
7.5°	5524.9	5516.3	5555.7	5553.7	5536.4	5424.0	5242.3	4918.4	4501.2	4016.8	3799.6
10°	4899.2	4921.3	5038.5	5141.4	5419.2	5580.7	5541.3	5274.0	4768.5	4133.1	3827.5
12.5°	4329.2	4303.2	4386.9	4503.2	4826.1	5306.7	5665.2	5571.0	5074.1	4264.8	3868.8
15°	3971.6	3961.1	4008.2	4062.0	4308.0	4792.5	5521.1	5812.3	5368.2	4420.5	3931.3
17.5°	3857.2	3848.6	3863.0	3876.5	4036.0	4410.9	5177.9	5960.3	5649.9	4598.3	4000.5
20°	3950.5	3938.9	3937.0	3926.5	3992.8	4248.5	4867.5	5970.9	5902.7	4759.8	4060.1
22.5°	4222.5	4209.0	4161.9	4119.7	4125.4	4270.6	4729.0	5865.2	6093.0	4910.7	4097.5
25°	4715.6	4693.5	4595.4	4453.2	4362.8	4424.3	4750.2	5725.8	6274.6	5028.9	4079.3
27.5°	5332.7	5303.8	5177.9	4966.5	4759.8	4684.8	4903.0	5629.7	6425.5	5119.3	4039.9
30°	5937.3	5899.8	5775.8	5611.4	5309.6	5073.2	5178.9	5672.0	6605.3	5213.5	3988.0
32.5°	6589.9	6554.3	6390.0	6186.2	5936.3	5618.1	5556.6	5878.6	6825.4	5345.2	3951.4
35°	7415.6	7359.8	7126.2	6848.5	6583.2	6261.2	6068.0	6235.2	7118.6	5546.1	3971.6
37.5°	8355.6	8280.6	8028.8	7645.3	7299.3	6938.8	6690.8	6725.4	7548.2	5815.2	4034.1
40°	9241.8	9173.6	8941.0	8579.6	8145.1	7707.8	7443.4	7366.5	8141.3	6143.0	4143.7
42.5°	9773.4	9711.8	9613.8	9461.0	9094.8	8648.8	8315.2	8149.0	8842.9	6535.1	4277.3
45°	9803.2	9749.3	9881.0	10058.8	9986.7	9689.7	9283.2	8978.5	9547.5	6903.3	4415.7
47.5°	9326.4	9289.9	9689.7	10310.7	10620.2	10745.1	10370.3	9738.8	10129.0	7167.6	4472.4
50°	8026.9	8013.4	8836.2	9976.2	10861.4	11669.8	11517.0	10446.2	10579.8	7304.1	4418.6
52.5°	6960.0	6910.9	7390.6	8905.4	10510.6	12156.1	12637.7	11140.2	10895.1	7330.0	4292.7
55°	5278.8	5235.6	5837.3	7113.8	9379.3	11983.1	13457.6	11856.3	11120.9	7263.7	4066.8
57.5°	2831.7	2804.7	3565.0	4734.8	7331.9	10945.1	13605.6	12613.7	11311.3	7087.8	3750.6
60°	1102.5	1097.7	1382.2	2297.2	4456.1	8904.4	12858.8	13068.3	11430.5	6871.5	3486.2
62.5°	667.1	681.5	727.6	1031.4	1968.5	5531.6	11137.3	12551.2	11510.2	6673.5	3268.0
65°	551.7	552.7	558.5	708.4	942.9	2314.5	8384.4	10849.9	11313.2	6320.8	2958.5
67.5°	472.9	481.6	503.7	562.3	665.1	1015.0	4827.1	8404.6	10114.6	5499.9	2476.0
70°	372.9	384.5	412.3	462.3	513.3	635.3	1784.0	5592.2	7727.0	4145.6	1872.4
72.5°	314.3	313.3	327.8	375.8	407.5	447.0	686.3	3133.5	4490.7	1979.1	926.6
75°	243.2	252.8	271.1	314.3	333.5	323.9	372.0	1144.8	1609.0	599.8	315.3
77.5°	190.3	198.0	214.3	256.6	275.9	229.7	214.3	409.5	517.1	215.3	142.3
80°	85.5	92.3	146.1	189.4	224.9	158.6	116.3	209.5	229.7	98.0	72.1
82.5°	15.4	26.0	85.5	100.0	115.3	102.8	60.6	108.6	112.5	39.4	25.0
85°	1.0	1.9	29.8	36.5	46.1	33.6	18.3	43.3	37.5	13.5	9.6
87.5°	0.0	0.0	0.0	1.0	1.0	4.8	5.8	7.7	5.8	4.8	3.8
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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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1200809
CATALOG NUMBER: GPC-SB2D-830-U-AFL-HSS

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3	3756.3
2.5°	3695.8	3559.3	3426.6	3318.0	3254.6	3146.9	3075.8	3064.3	3034.5	3060.4
5°	3624.6	3380.5	3133.5	2912.4	2730.7	2496.2	2321.3	2247.3	2182.9	2205.0
7.5°	3591.0	3205.6	2821.1	2443.3	2055.0	1680.2	1401.4	1285.1	1196.7	1209.2
10°	3545.8	3023.9	2421.2	1844.5	1324.5	954.5	762.2	691.1	651.7	652.6
12.5°	3511.2	2806.7	1957.0	1250.5	806.4	609.4	549.8	532.5	521.0	521.9
15°	3493.9	2551.0	1498.5	833.4	576.7	516.2	501.7	494.1	486.4	485.4
17.5°	3465.1	2266.5	1096.7	608.4	504.6	483.5	471.0	462.3	452.7	450.8
20°	3421.8	1943.5	801.6	514.2	472.9	456.6	439.3	427.7	416.2	414.3
22.5°	3342.1	1602.3	616.1	475.8	449.8	431.6	410.4	397.0	385.4	383.5
25°	3194.0	1282.2	519.0	451.8	429.7	407.5	384.5	366.2	355.6	353.7
27.5°	3006.6	1007.3	471.0	429.7	403.7	383.5	357.6	340.3	330.6	328.7
30°	2785.5	775.7	443.1	404.7	372.9	355.6	332.6	318.2	312.4	312.4
32.5°	2547.1	620.0	431.6	379.7	346.0	326.8	308.5	302.8	300.9	299.9
35°	2323.2	538.3	425.8	359.5	322.0	303.7	296.0	297.0	300.9	300.9
37.5°	2124.2	512.3	422.9	345.1	300.9	284.5	289.3	298.0	294.1	294.1
40°	1944.5	515.2	421.0	334.5	283.6	273.9	283.6	276.8	267.2	266.2
42.5°	1807.0	539.2	417.2	325.8	273.0	266.2	262.4	251.8	250.9	252.8
45°	1707.1	560.4	416.2	322.0	261.4	248.9	244.1	233.6	252.8	257.6
47.5°	1588.8	560.4	416.2	308.5	242.2	237.4	229.7	218.2	237.4	242.2
50°	1436.0	524.8	399.9	293.2	226.8	224.0	210.5	196.1	192.2	195.1
52.5°	1242.8	460.4	358.5	272.0	211.5	205.7	189.4	178.8	175.9	175.9
55°	1022.7	385.4	302.8	241.3	195.1	184.5	173.0	168.2	165.3	163.4
57.5°	*831.4*	*316.2*	*243.2*	*214.3*	*179.7*	*166.3*	*162.4*	*156.7*	*151.9*	*149.0*
60°	682.4	248.9	200.9	190.3	164.4	151.9	150.9	143.2	130.7	128.8
62.5°	526.7	182.6	169.2	165.3	149.0	138.4	136.5	121.1	101.9	98.0
65°	372.0	142.3	136.5	145.1	132.6	123.0	118.2	95.2	75.0	72.1
67.5°	261.4	119.2	107.7	126.9	115.3	102.8	100.0	80.7	62.5	60.6
70°	186.5	97.1	88.4	108.6	92.3	90.4	84.6	67.3	50.9	49.0
72.5°	131.7	74.0	68.2	94.2	63.4	77.9	69.2	51.9	38.4	36.5
75°	97.1	52.9	48.1	54.8	46.1	58.6	49.0	34.6	24.0	23.1
77.5°	71.1	33.6	28.8	26.9	26.9	36.5	26.9	14.4	10.6	9.6
80°	50.0	15.4	13.5	11.5	10.6	8.7	3.8	1.9	1.0	1.0
82.5°	29.8	6.7	6.7	4.8	2.9	0.0	0.0	0.0	0.0	0.0
85°	6.7	2.9	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	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


HS
SS

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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

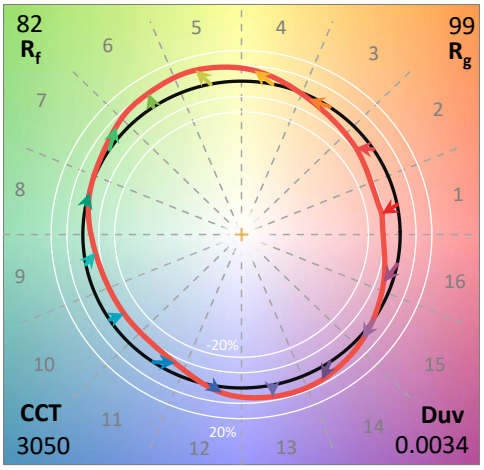
Test Information

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

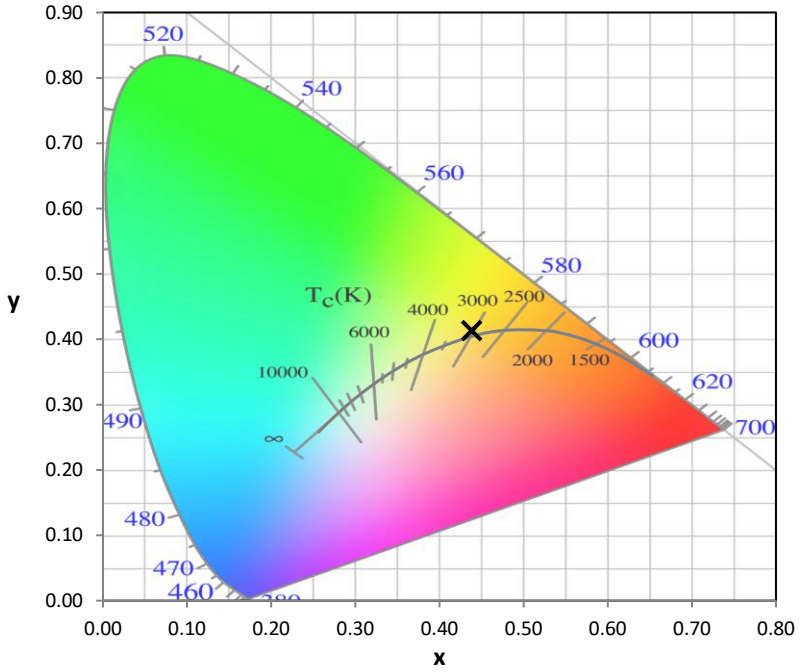
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

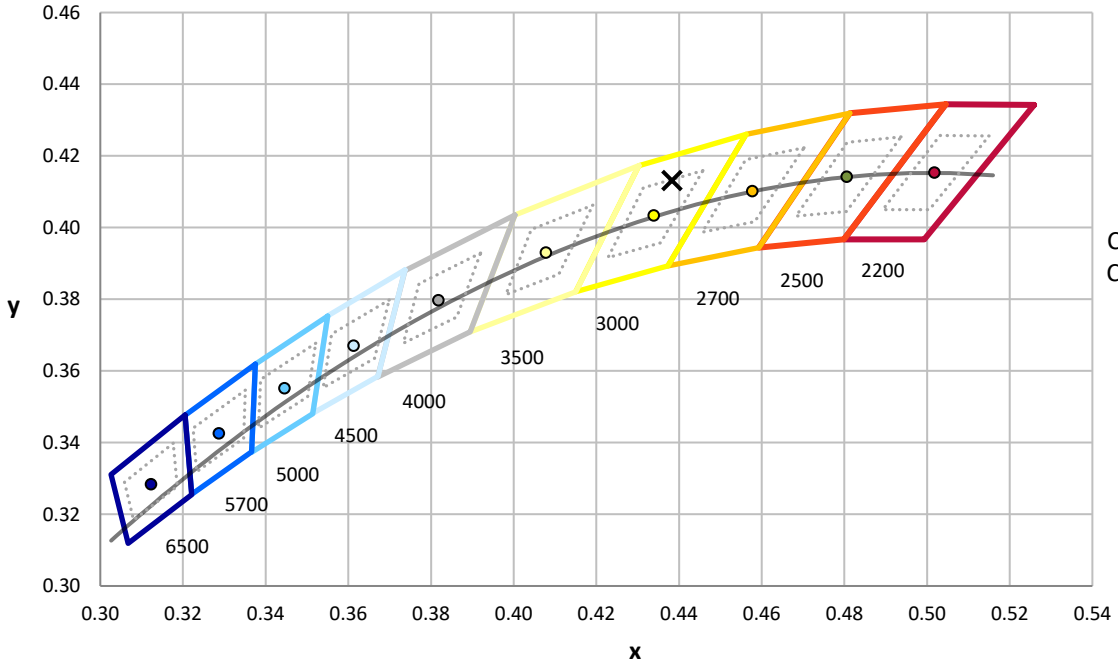
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

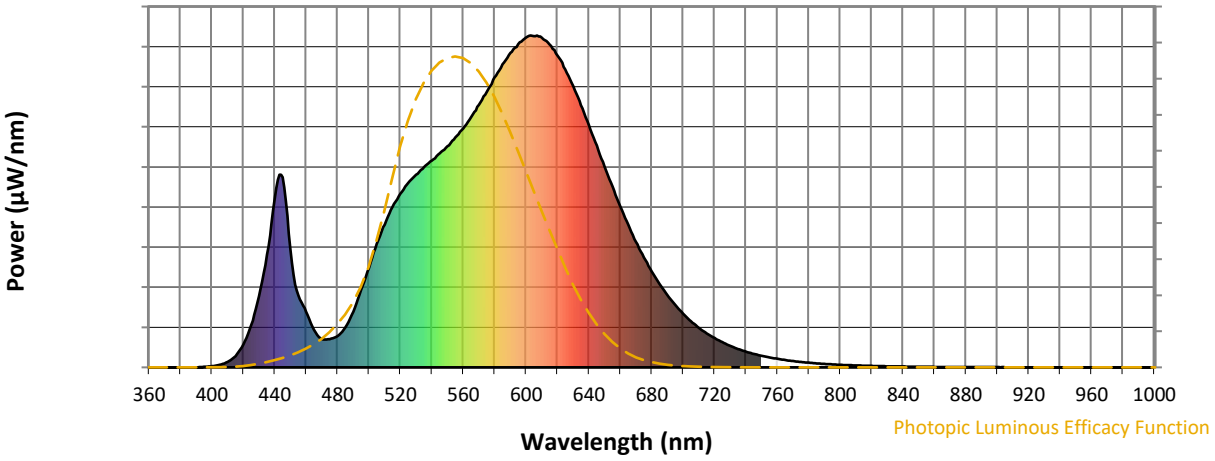


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

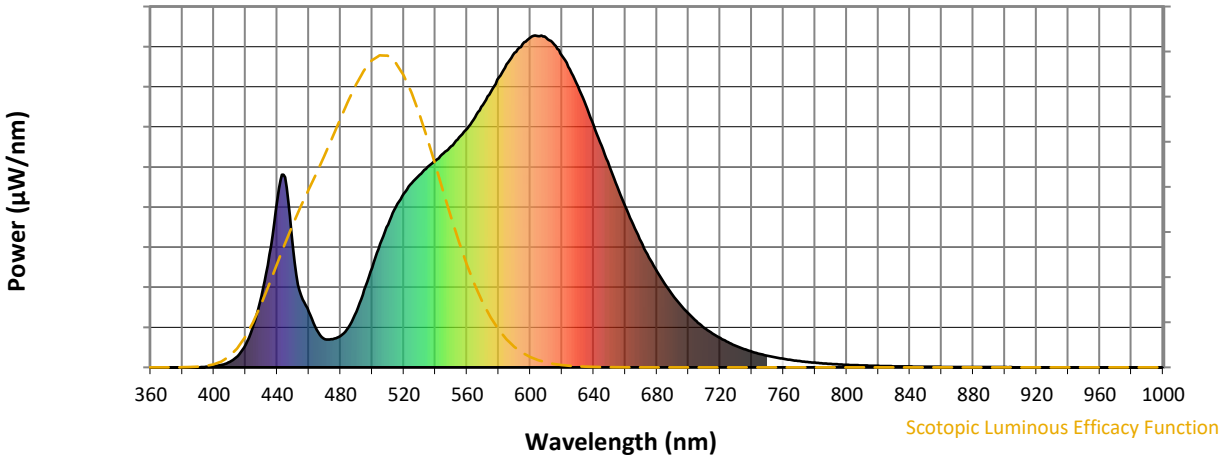


Photopic Lumens: NR

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

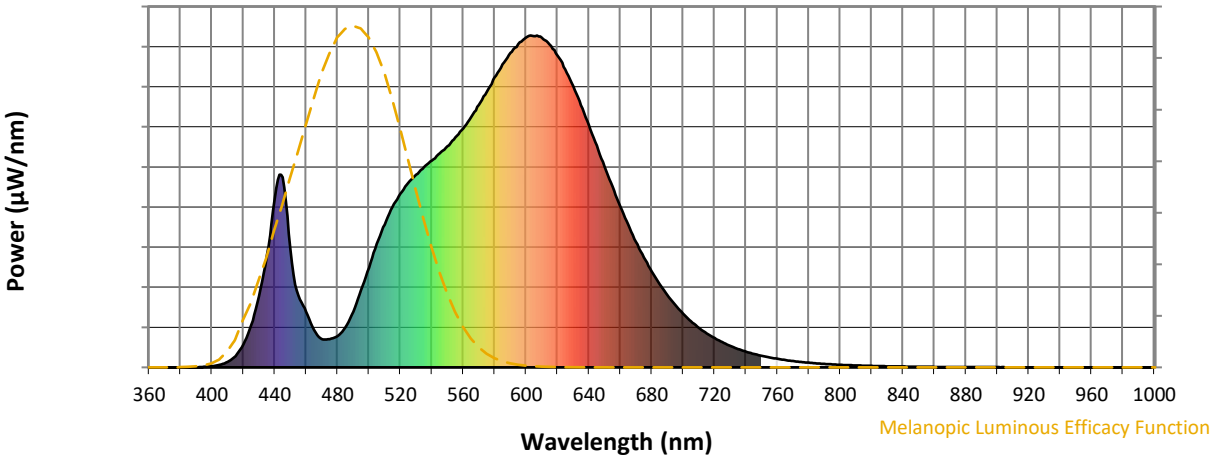


Scotopic Lumens: NR **S/P: 1.27**

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			

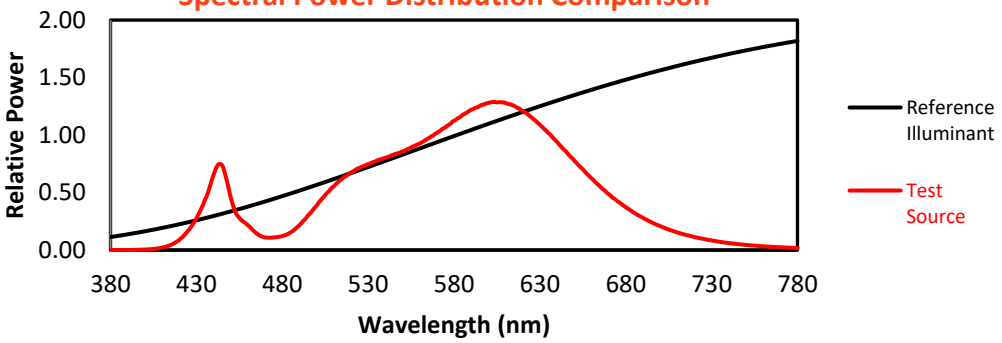
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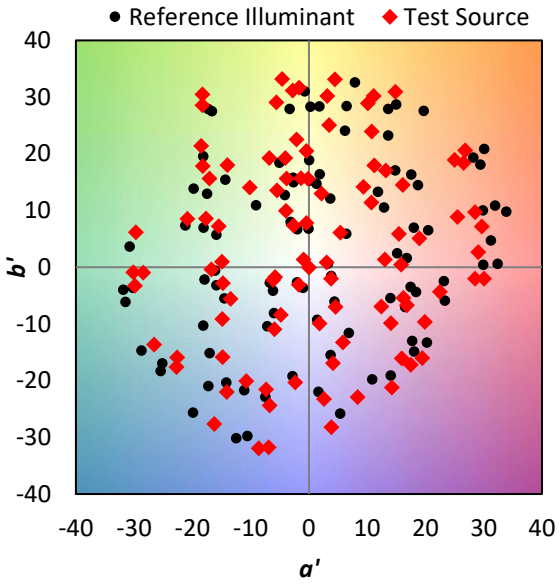
Summary

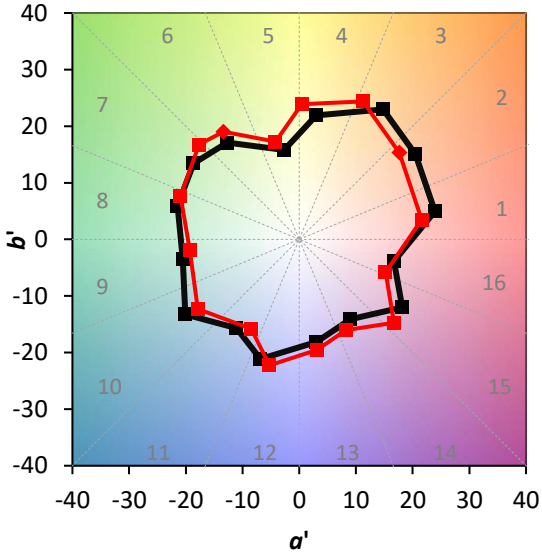
R_f = 81.5
R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

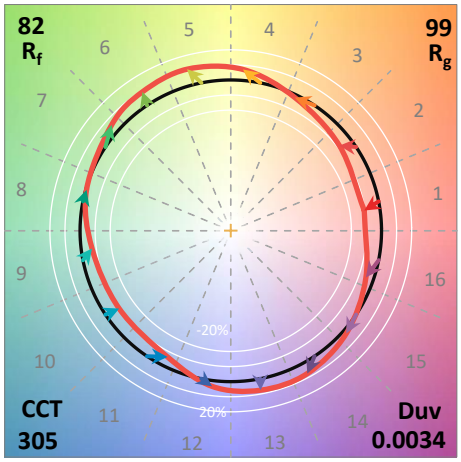
Spectral Power Distribution Comparison

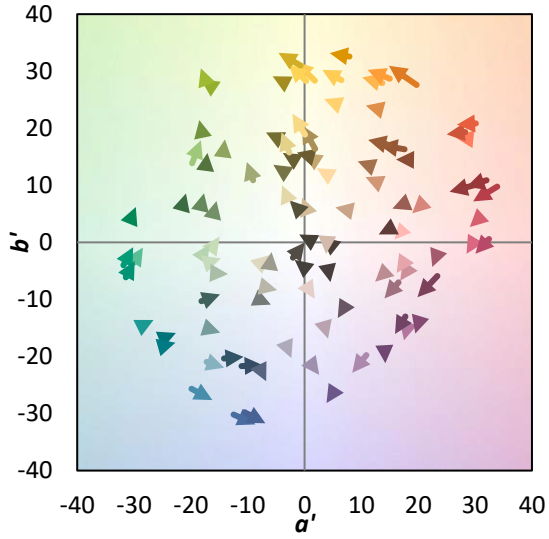


Color Vector Graphics







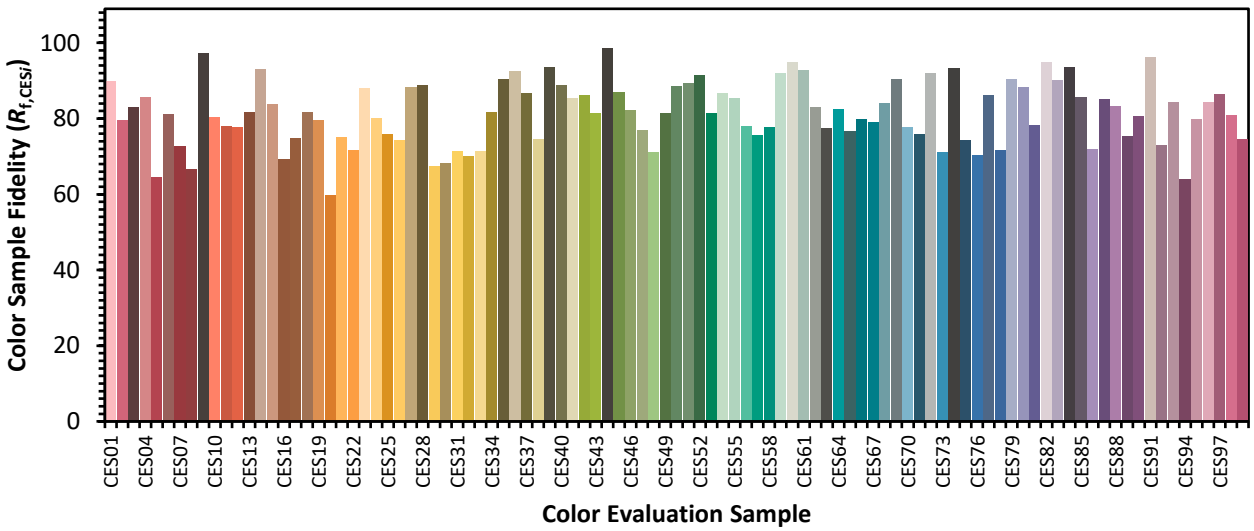


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Individual Sample Fidelity Index ($R_{f,i}$)

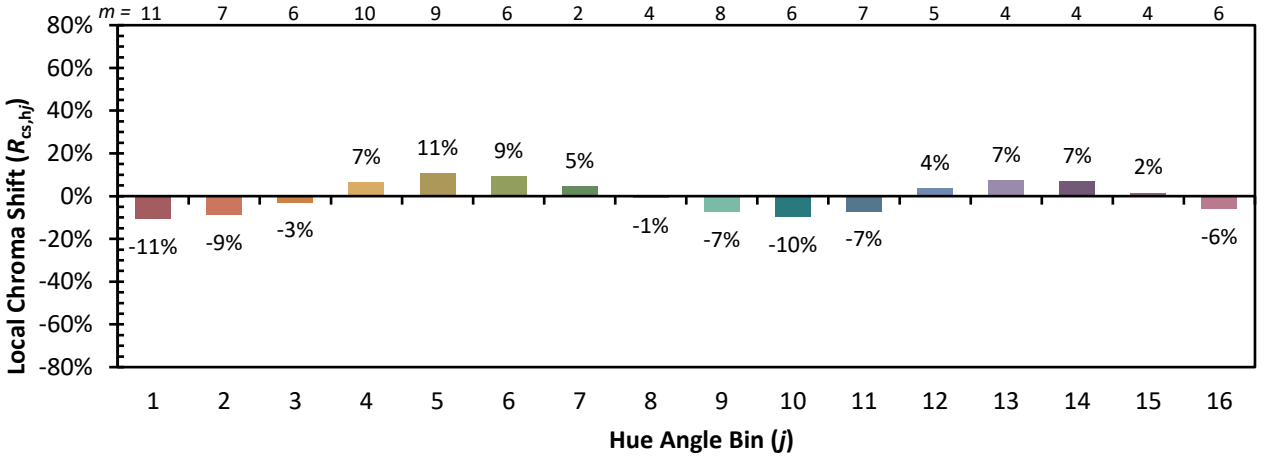
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

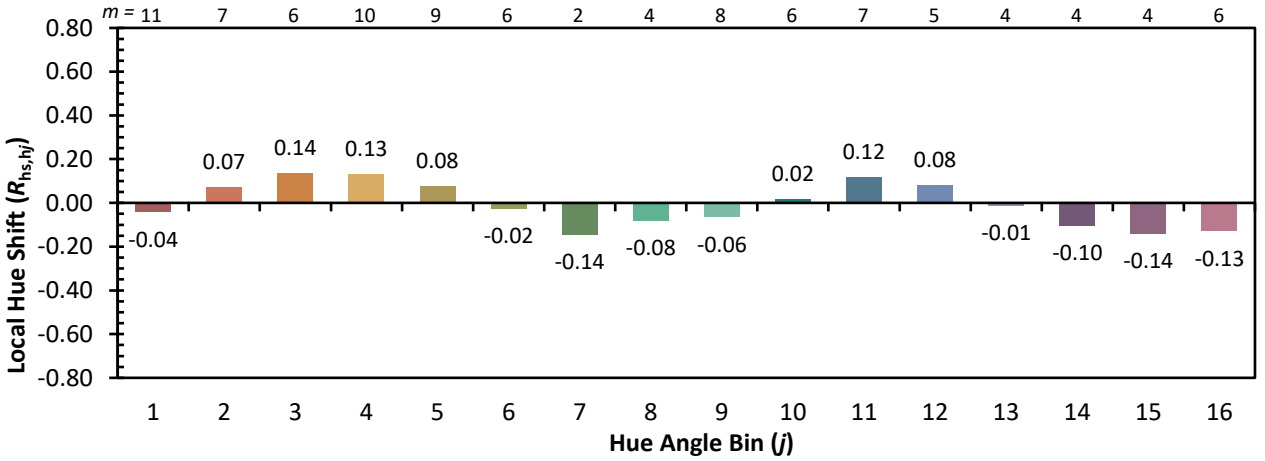


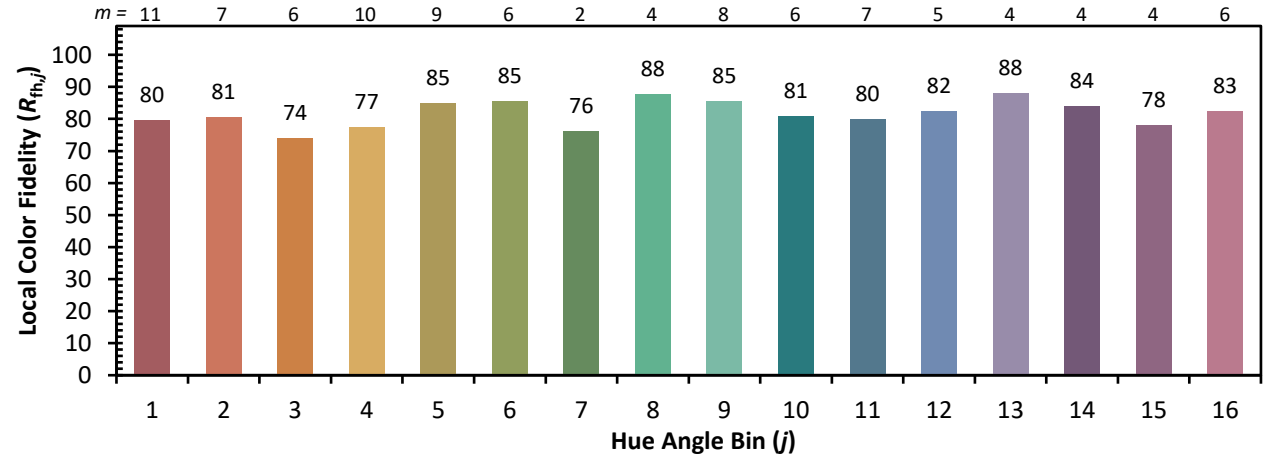
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Color Rendition by Hue-Angle Bin



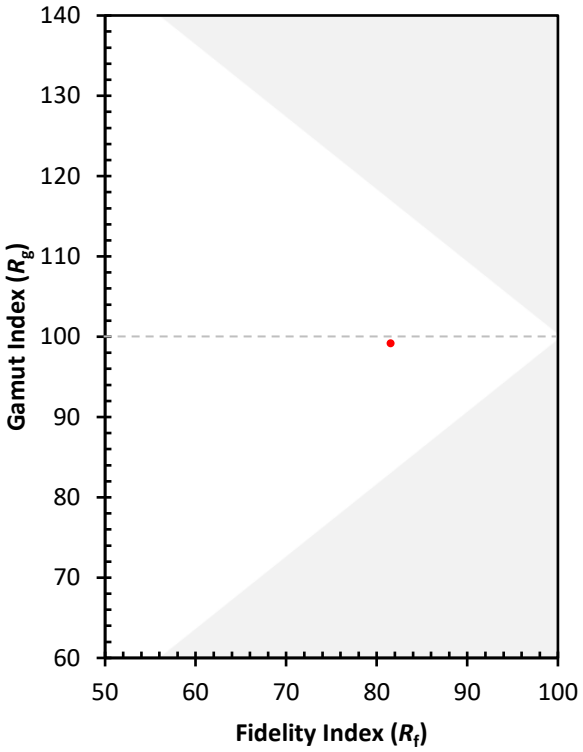


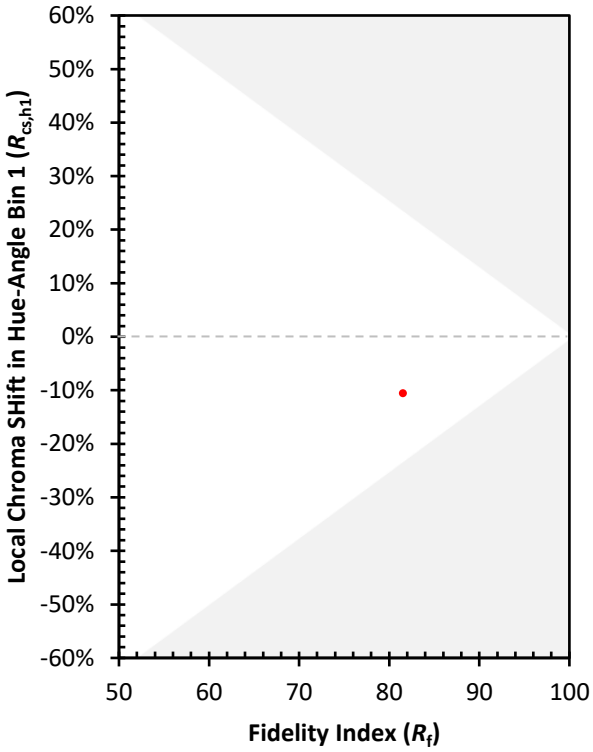


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Measure Comparisons





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