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: P1198447

Luminaire Tested: GPC-SB1C-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:	P1198447
	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-SB1C-830-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 3000K, 615mA 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:	5632 lumens
Efficiency:	N/A
Efficacy:	103.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

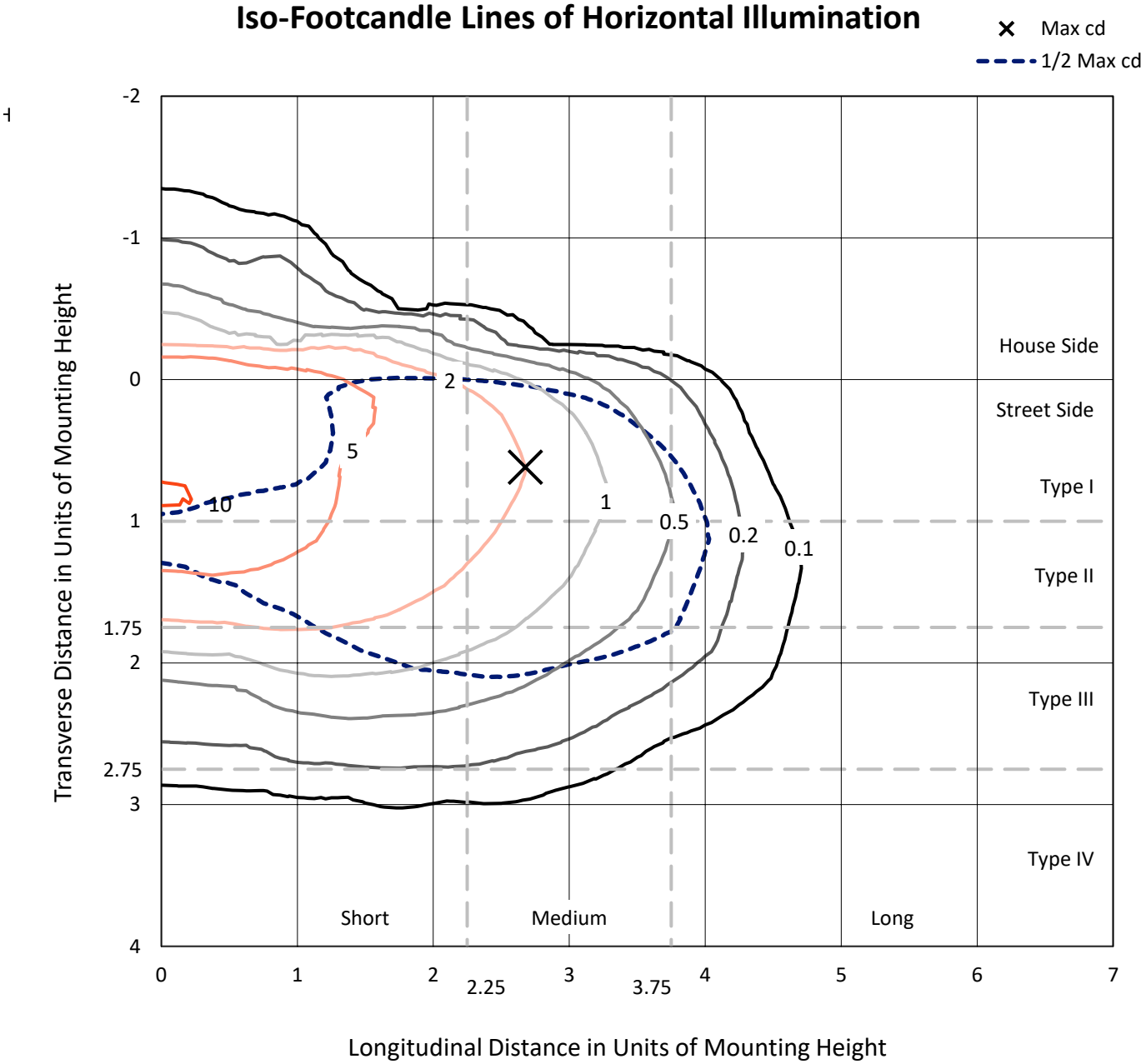


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Scaled Data Report

REPORT NUMBER: P1198447
CATALOG NUMBER: GPC-SB1C-830-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



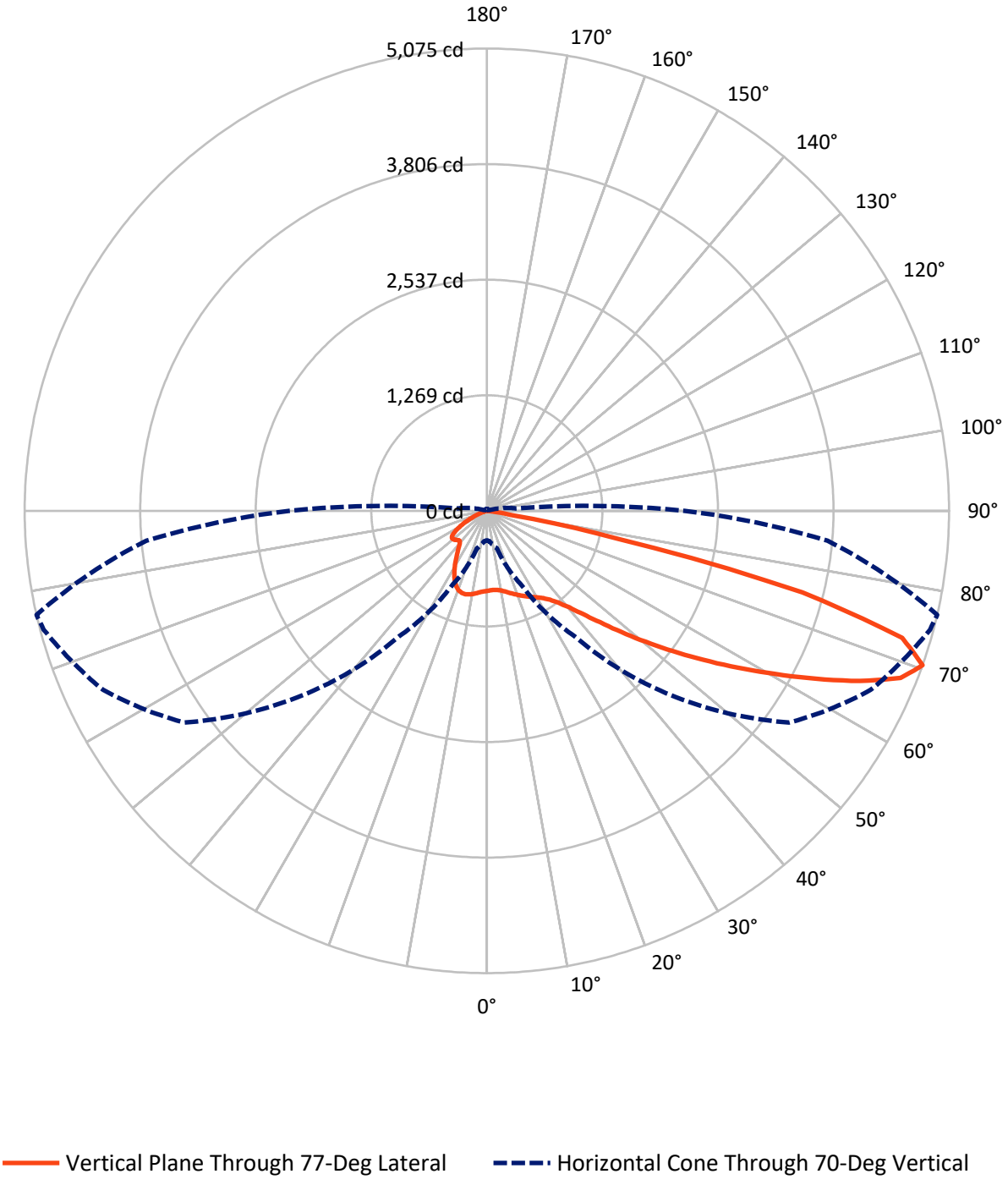
Based on 10 foot mounting height. Maximum calculated value = 10.3 fc
Type III - Medium - N/A

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REPORT NUMBER: P1198447
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Luminous Intensity Polar Plot



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Scaled Data Report

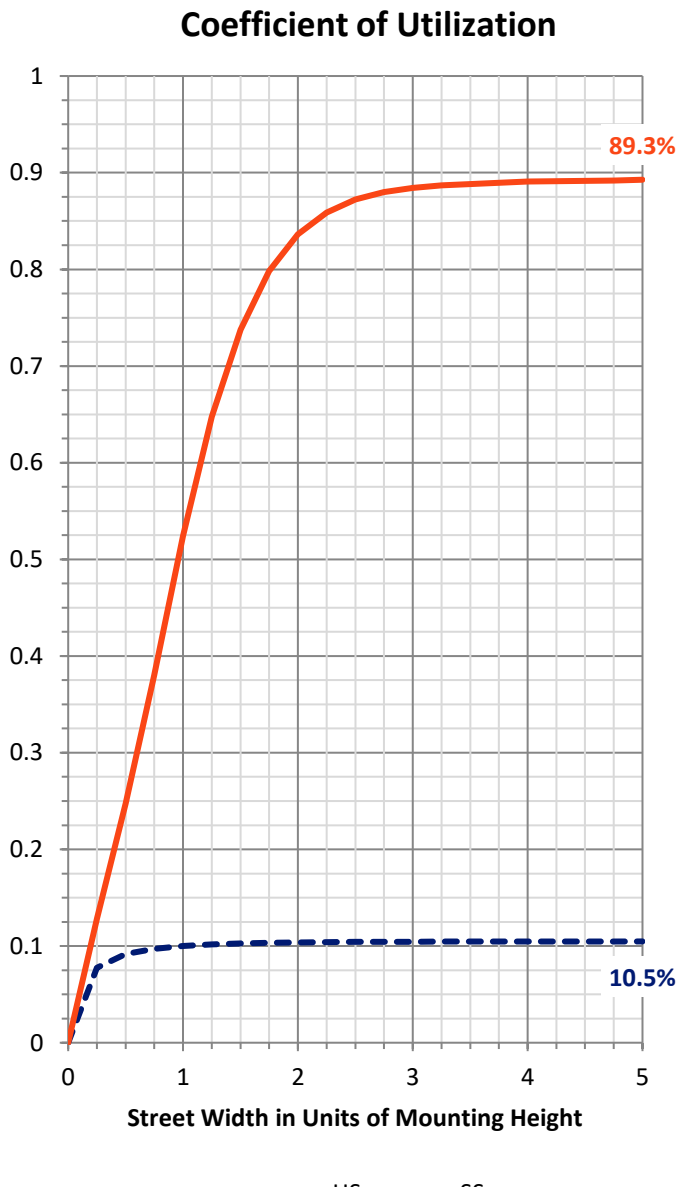
REPORT NUMBER: P1198447
CATALOG NUMBER: GPC-SB1C-830-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	593.7	0.0	593.7
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	5038.3	0.0	5038.3
	% Fixture	89.5	0.0	89.5
Total	Lumens	5632.0	0.0	5632.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.7	1.3
10°-20°	179.7	3.2
20°-30°	278.0	4.9
30°-40°	504.4	9.0
40°-50°	952.2	16.9
50°-60°	1375.8	24.4
60°-70°	1464.5	26.0
70°-80°	776.1	13.8
80°-90°	25.5	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°	5632.0	100.0
0°-180°	5632.0	100.0



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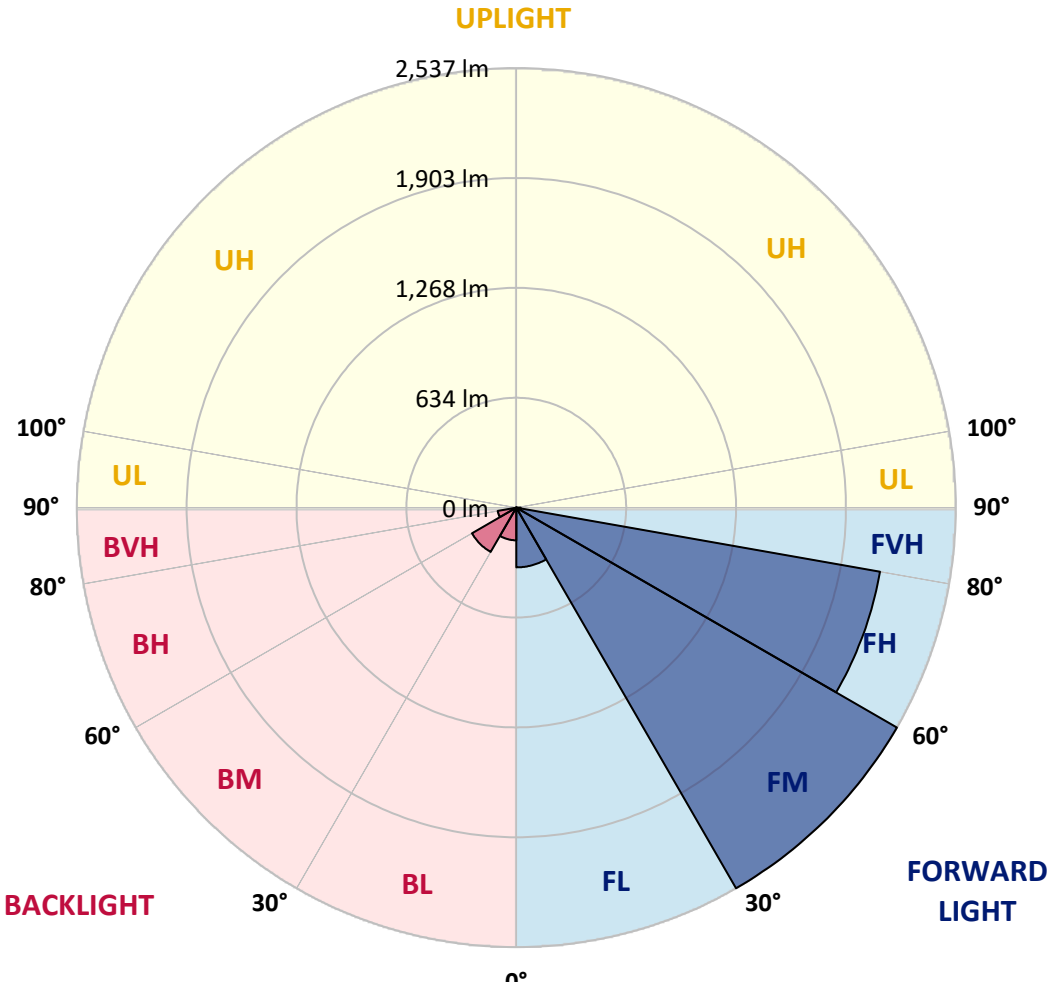
Scaled Data Report

REPORT NUMBER: P1198447
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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°)	344.8	6.1			
FM	(30°-60°)	2536.9	45.0			
FH	(60°-80°)	2131.8	37.9			G2/5000
FVH	(80°-90°)	24.8	0.4			G1/100
BL	(0°-30°)	188.6	3.3	B1/500		
BM	(30°-60°)	295.5	5.2	B1/1000		
BH	(60°-80°)	108.8	1.9	B0/110		G0/110
BVH	(80°-90°)	0.7	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 III Medium



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Scaled Data Report

REPORT NUMBER: P1198447
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	878.5	878.5	878.5	878.5	878.5	878.5	878.5	878.5	878.5	*878.5*	878.5
2.5°	824.8	832.3	831.2	836.2	837.9	845.1	852.2	861.8	872.4	*872.1*	879.2
5°	778.2	785.7	787.4	794.2	802.7	813.8	828.3	847.5	867.5	*870.7*	884.9
7.5°	723.1	730.9	735.5	749.0	764.7	787.4	811.3	839.4	872.4	*877.1*	904.5
10°	667.9	675.1	681.1	700.3	725.2	759.0	797.8	838.3	882.8	*889.5*	928.3
12.5°	633.8	640.6	647.3	664.0	695.0	736.2	788.9	843.3	899.8	*909.4*	960.6
15°	621.7	627.7	633.1	648.0	676.8	723.8	787.1	853.6	921.5	*934.3*	999.8
17.5°	623.5	626.7	630.2	641.6	669.7	718.1	790.3	871.4	947.1	*958.5*	1038.9
20°	633.8	635.6	635.9	643.8	668.6	717.4	796.7	888.4	971.3	*986.6*	1077.7
22.5°	647.0	647.7	647.0	652.3	675.4	722.7	805.2	909.1	998.3	*1012.6*	1116.8
25°	708.5	695.0	677.9	667.6	686.8	733.0	818.0	936.8	1027.9	*1041.7*	1154.8
27.5°	899.5	860.7	799.5	730.9	710.3	748.0	835.8	964.9	1057.7	*1070.2*	1195.7
30°	1209.6	1158.8	1054.9	900.2	785.7	779.3	858.9	993.0	1089.4	*1102.9*	1239.5
32.5°	1520.5	1508.0	1388.2	1174.0	955.3	849.0	897.3	1031.1	1131.4	*1142.0*	1298.5
35°	1834.9	1809.6	1711.5	1499.8	1216.7	990.9	961.4	1080.9	1186.5	*1198.6*	1384.6
37.5°	2075.7	2060.4	1999.5	1825.3	1526.9	1210.0	1070.9	1158.0	1266.5	*1280.0*	1494.9
40°	2288.3	2281.2	2260.6	2145.7	1873.6	1496.6	1241.3	1277.5	1377.5	*1393.5*	1630.0
42.5°	2455.5	2472.2	2484.0	2451.9	2231.1	1823.8	1470.3	1445.4	1532.2	*1548.6*	1802.1
45°	2626.6	2632.3	2679.6	2725.8	2586.0	2166.0	1728.5	1642.1	1724.6	*1744.9*	2008.4
47.5°	2736.5	2759.2	2842.5	2923.9	2884.4	2505.3	2005.9	1874.3	1947.6	*1985.7*	2239.6
50°	2744.7	2787.7	2902.2	3044.1	3101.7	2828.2	2307.5	2139.0	2216.9	*2258.8*	2486.4
52.5°	2608.4	2675.3	2852.8	3060.5	3219.1	3101.7	2619.5	2403.6	2503.5	*2558.3*	2742.5
55°	1999.9	2087.4	2666.8	2971.6	3223.7	3309.1	2923.2	2679.2	2822.9	*2884.8*	3019.2
57.5°	1742.4	1786.5	2096.6	2817.2	3138.0	3392.7	3197.8	2941.7	3170.4	*3247.2*	3280.6
60°	1449.7	1507.7	1758.4	2564.7	3021.7	3400.9	3440.3	3280.3	3547.0	*3633.5*	3520.4
62.5°	985.2	1048.1	1297.5	2130.8	2862.7	3396.9	3639.2	3628.8	3965.7	*4058.5*	3723.4
65°	610.3	649.8	814.1	1739.9	2640.5	3401.2	3847.2	4052.1	4407.4	*4501.6*	3880.7
67.5°	482.3	500.4	586.1	1335.9	2257.4	3305.2	4054.9	4450.1	4823.2	*4897.9*	3928.7
70°	*324.0*	*335.0*	*426.4*	*895.6*	*1679.4*	*2862.0*	*4051.0*	*4650.0*	*5037.3*	*5074.6*	*3753.7*
72.5°	170.7	179.3	249.3	414.7	1014.4	2034.4	3414.7	4410.9	4824.2	*4768.0*	3208.4
75°	85.4	99.6	167.9	210.6	433.2	1134.6	2120.5	3477.7	3797.1	*3579.4*	2058.6
77.5°	64.7	78.2	138.7	138.7	150.8	382.0	898.1	1896.8	1749.5	*1456.8*	604.3
80°	41.3	53.3	121.3	104.9	63.0	97.1	234.0	531.4	371.7	*282.8*	109.9
82.5°	24.2	34.9	101.0	69.4	35.2	35.9	66.2	113.1	96.4	*75.0*	33.8
85°	9.6	22.8	69.4	27.4	13.9	8.9	19.9	24.2	19.9	*14.9*	8.5
87.5°	0.0	5.3	12.1	0.0	1.1	0.7	1.4	1.8	1.8	*1.4*	2.8
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: P1198447
CATALOG NUMBER: GPC-SB1C-830-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	878.5	878.5	878.5	878.5	878.5	878.5	878.5	878.5	878.5	878.5	878.5
2.5°	882.4	883.1	885.2	885.6	880.6	874.2	871.7	870.7	866.4	866.0	866.8
5°	893.1	896.3	893.1	883.8	861.8	830.8	807.4	788.2	770.7	765.4	762.2
7.5°	914.4	917.6	908.0	871.7	816.2	754.7	699.2	660.1	624.9	611.7	606.4
10°	945.0	949.3	919.0	845.8	747.6	648.7	554.8	488.7	437.1	416.1	407.2
12.5°	983.4	985.2	925.1	806.3	658.3	517.1	384.1	313.3	267.5	250.4	245.1
15°	1025.7	1023.2	925.8	752.6	536.7	365.6	250.7	205.9	187.4	181.7	181.7
17.5°	1070.2	1059.9	911.6	675.1	403.3	250.0	186.0	175.3	172.1	170.7	170.4
20°	1113.9	1090.8	885.6	573.7	289.5	186.7	168.9	165.7	164.0	163.2	162.5
22.5°	1153.8	1114.3	841.1	456.0	210.2	165.0	159.7	156.8	153.6	152.2	151.9
25°	1192.5	1127.8	778.5	346.1	168.2	154.4	150.1	144.8	140.5	138.7	138.0
27.5°	1230.2	1136.3	700.3	256.1	150.1	144.4	136.6	129.1	125.9	125.2	124.5
30°	1270.4	1139.2	611.4	191.0	139.1	132.0	120.6	112.0	110.3	110.6	110.6
32.5°	1319.5	1143.5	521.8	156.5	129.8	117.0	103.5	94.6	93.2	94.6	94.3
35°	1378.2	1152.0	435.3	144.0	121.6	101.7	87.1	79.7	78.2	79.3	79.0
37.5°	1457.9	1165.9	354.6	141.6	114.9	88.9	73.3	67.2	67.2	67.6	67.2
40°	1563.9	1202.9	282.4	139.8	111.3	79.3	61.9	59.4	60.5	61.2	61.2
42.5°	1693.0	1281.5	233.7	137.6	107.4	75.0	56.2	55.1	56.9	57.6	57.6
45°	1837.7	1381.0	216.6	134.1	103.9	77.9	53.7	52.3	54.4	54.8	55.1
47.5°	1987.5	1478.5	214.5	130.2	100.3	82.2	53.0	49.8	52.3	52.6	53.0
50°	2139.0	1542.2	216.6	124.1	94.6	82.2	53.3	47.3	49.4	50.5	50.9
52.5°	2291.5	1571.3	215.2	111.0	84.6	77.2	53.3	45.2	47.3	48.0	48.0
55°	2439.5	1565.6	193.5	91.4	71.8	68.3	51.9	43.4	44.8	45.2	45.2
57.5°	2556.5	1486.3	153.3	71.1	58.3	56.9	47.3	41.3	42.3	42.0	42.0
60°	2617.7	1312.0	109.5	54.8	45.9	44.8	41.6	38.4	39.1	37.3	37.0
62.5°	2618.4	1081.6	73.3	43.4	36.6	35.6	35.6	34.5	33.8	30.2	29.2
65°	2562.6	825.9	48.7	34.5	29.5	27.7	29.9	29.5	27.0	22.1	21.3
67.5°	2435.9	541.3	37.0	27.0	22.8	21.7	23.8	24.9	23.1	18.5	18.1
70°	*2175.6*	*315.1*	*30.6*	*21.0*	*17.1*	*16.0*	*19.2*	*21.3*	*19.2*	*14.9*	*14.2*
72.5°	1807.1	170.0	24.9	15.6	11.7	10.7	15.3	17.4	15.3	11.0	10.7
75°	1172.6	91.1	19.2	10.3	6.0	6.8	11.4	12.8	10.7	7.1	6.4
77.5°	393.7	40.2	12.1	5.0	2.8	2.8	6.8	7.8	5.0	2.5	2.1
80°	87.8	16.7	5.0	2.1	1.1	1.1	1.4	1.4	0.7	0.0	0.0
82.5°	28.8	6.8	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	11.0	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	0.4	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

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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

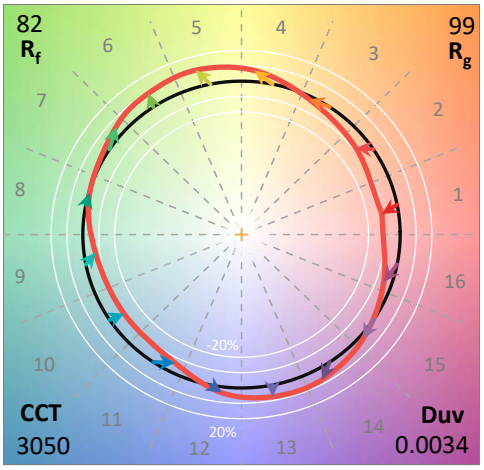
Test Information

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

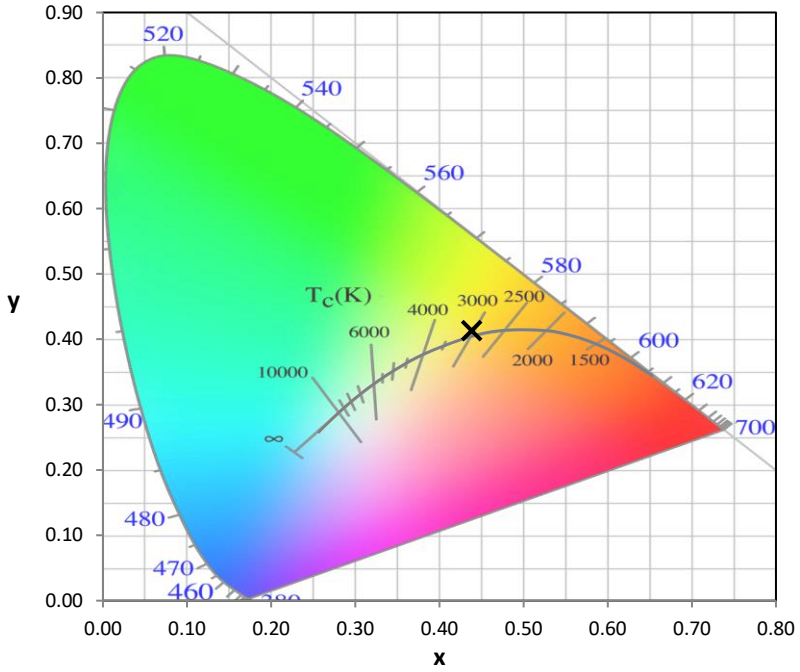
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

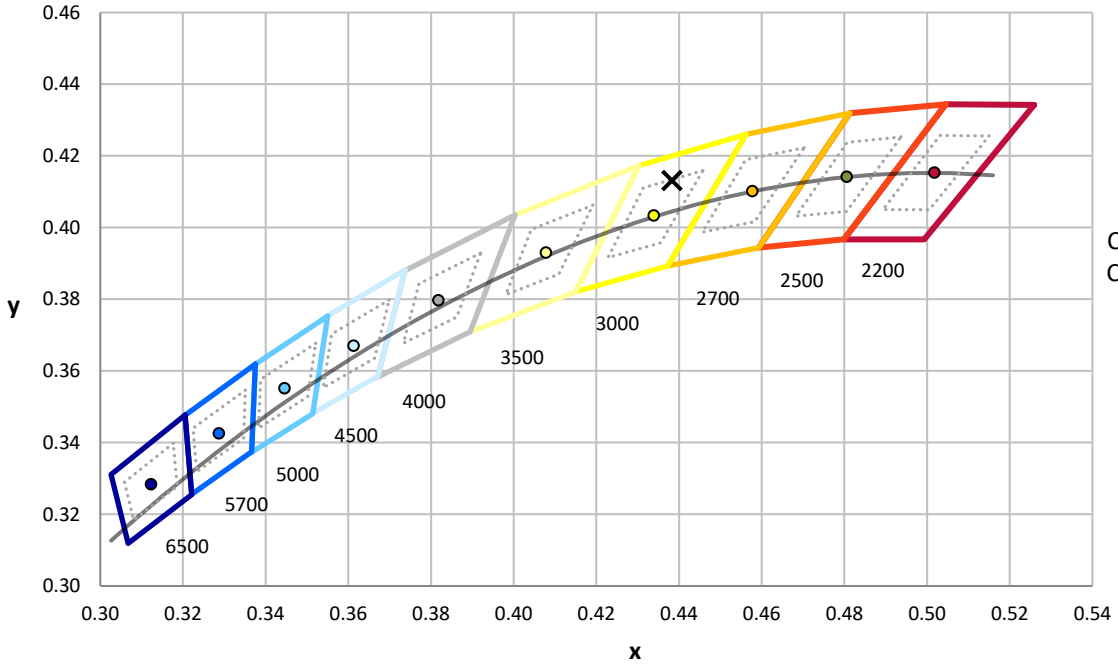
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

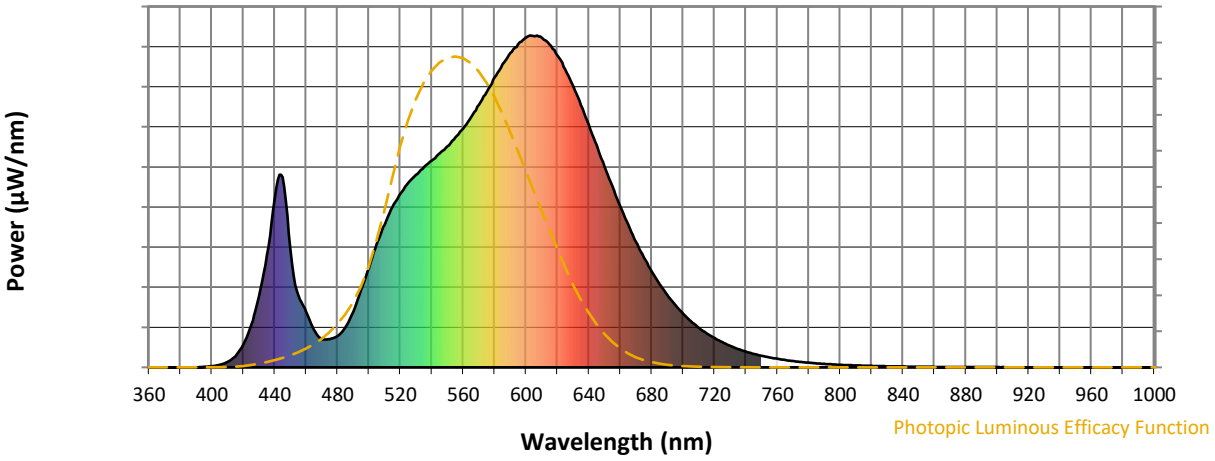


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

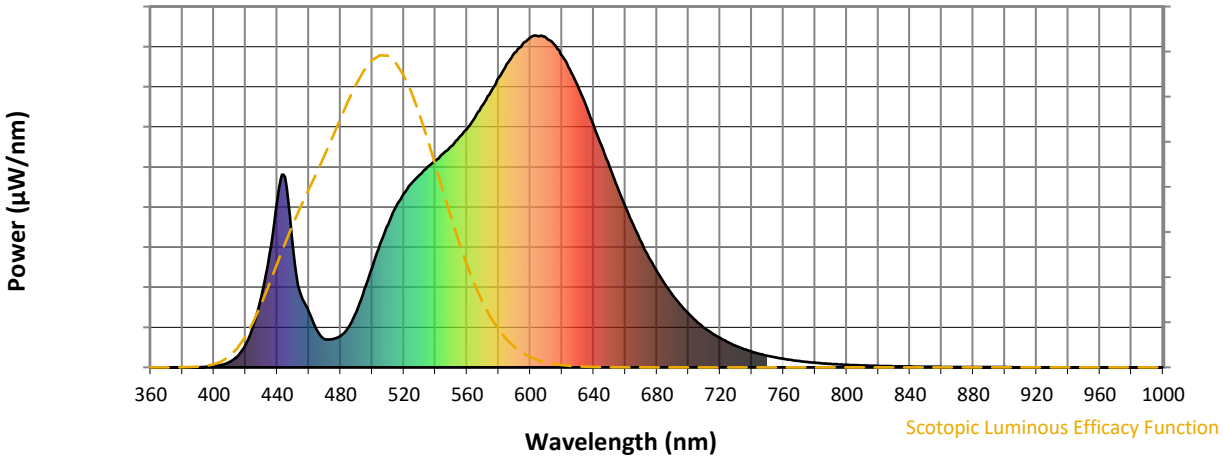


Photopic Lumens: NR

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

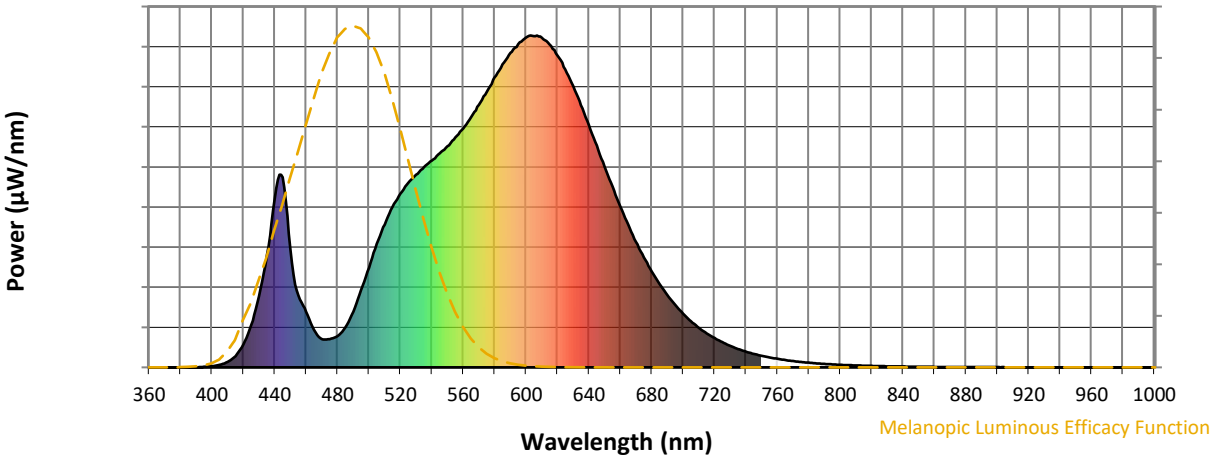


Scotopic Lumens: NR **S/P: 1.27**

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			

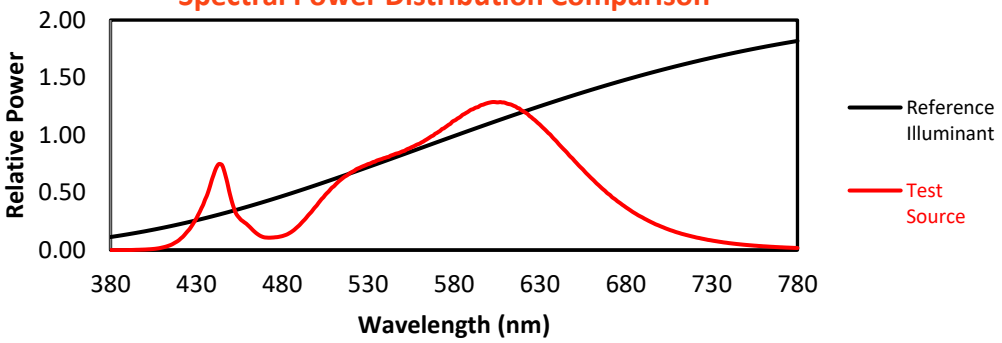
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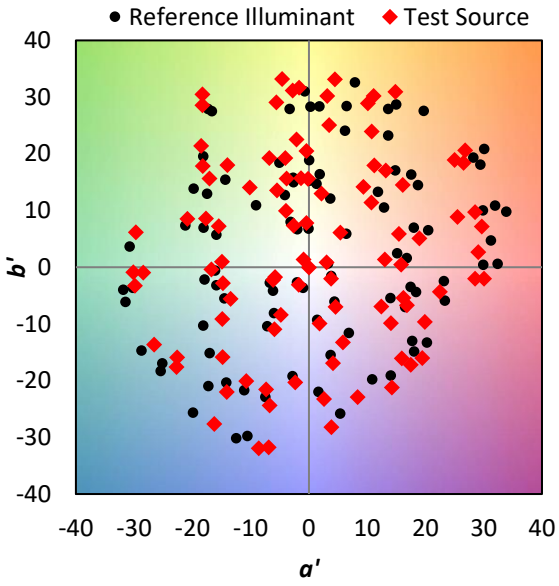
Summary

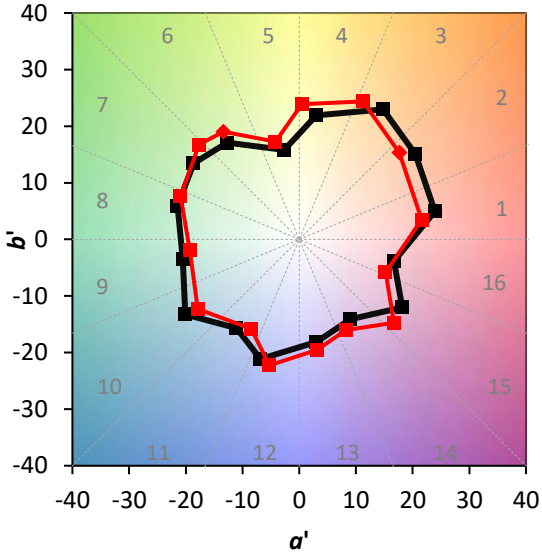
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

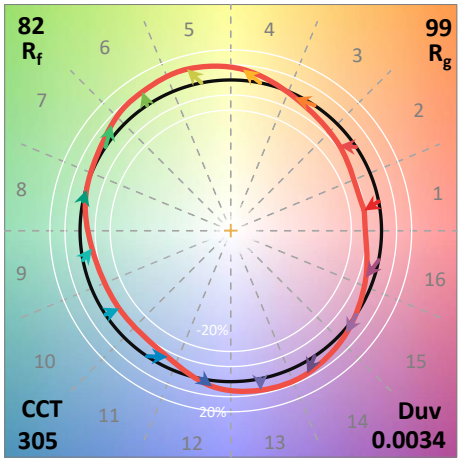
Spectral Power Distribution Comparison

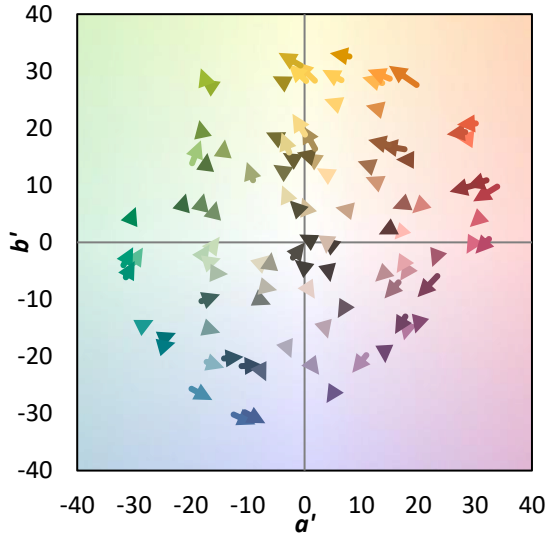


Color Vector Graphics







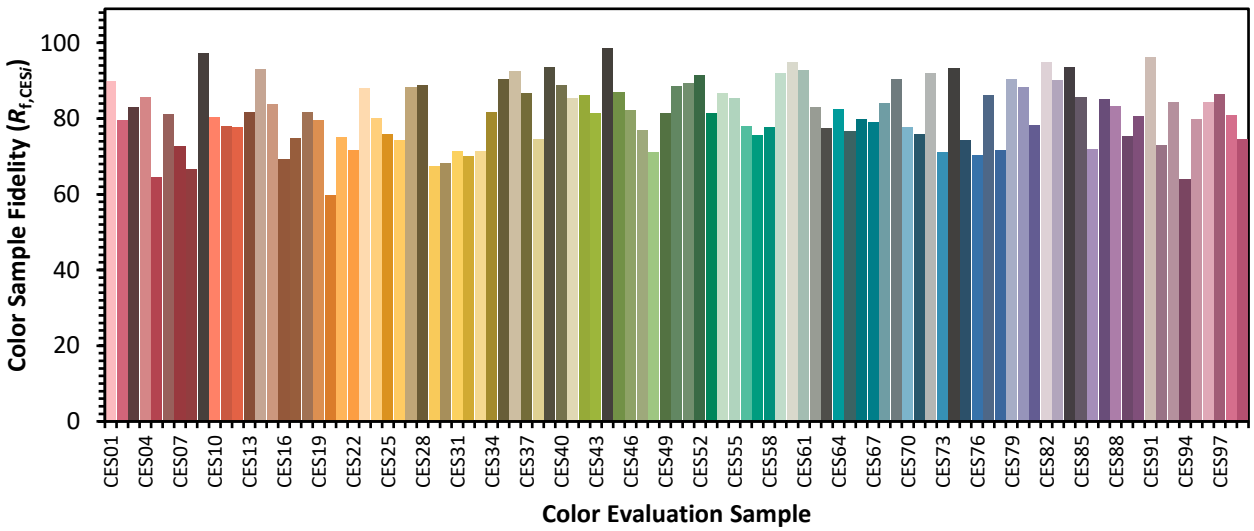


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Individual Sample Fidelity Index ($R_{f,i}$)

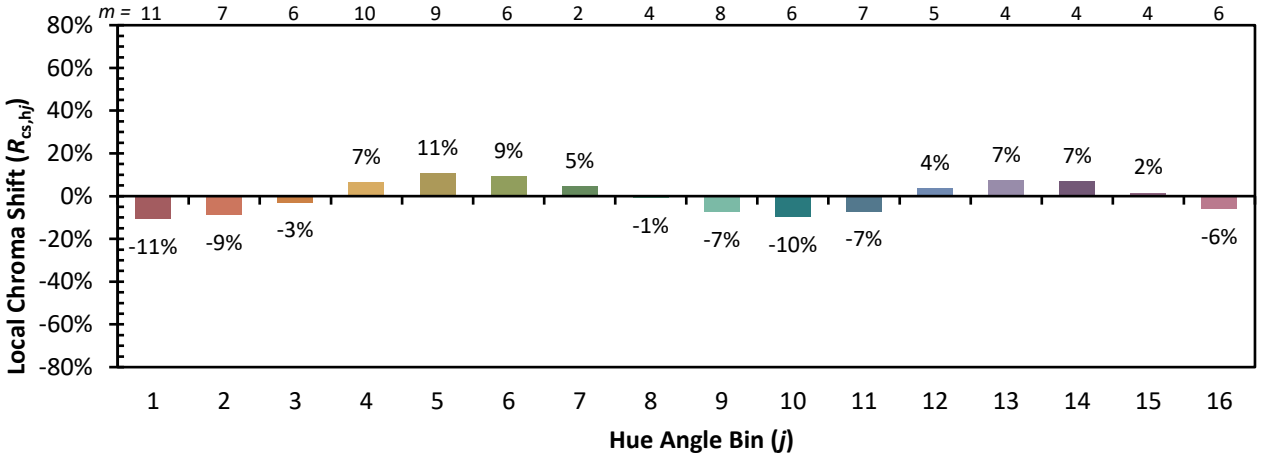
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

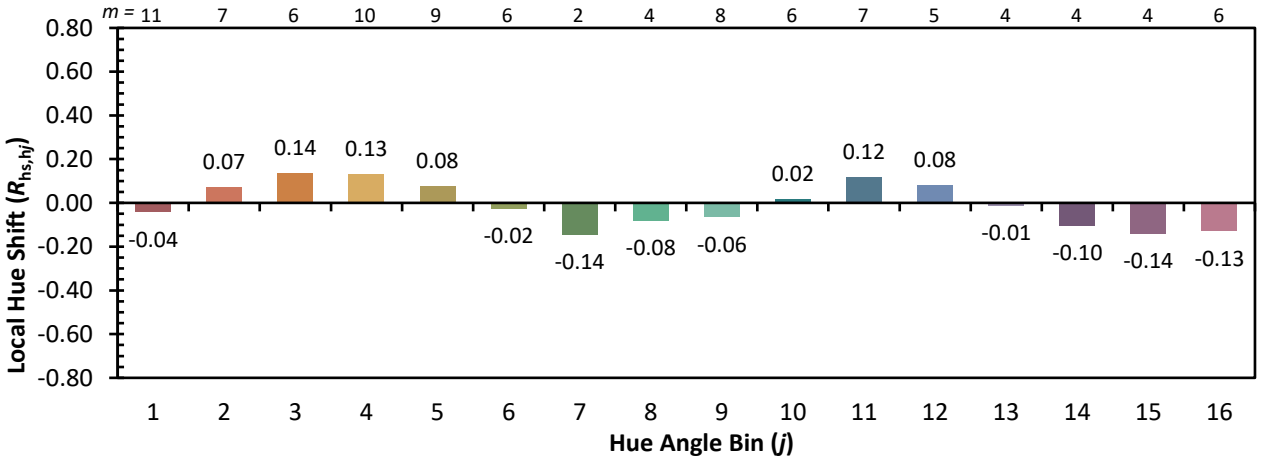


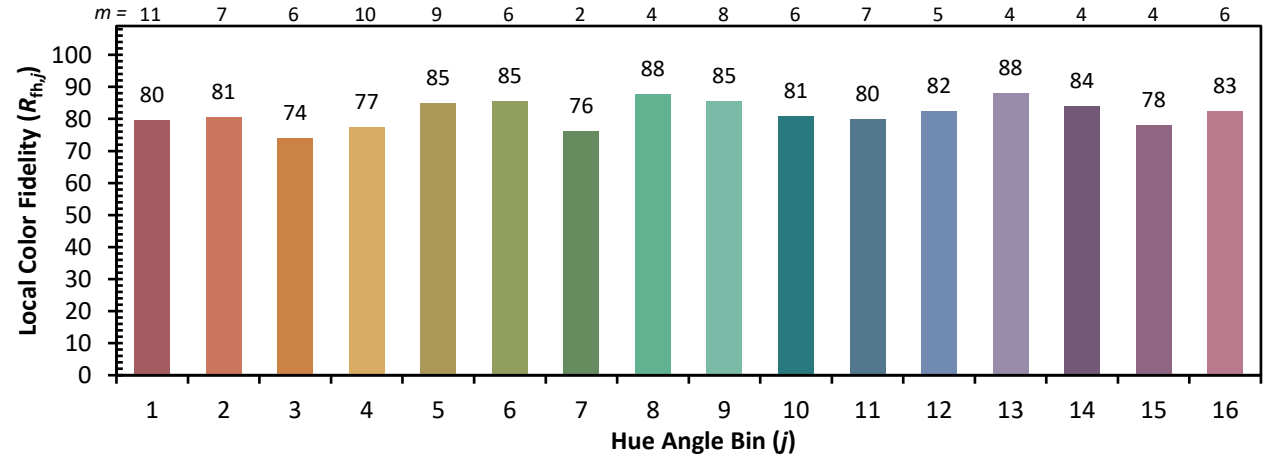
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Color Rendition by Hue-Angle Bin



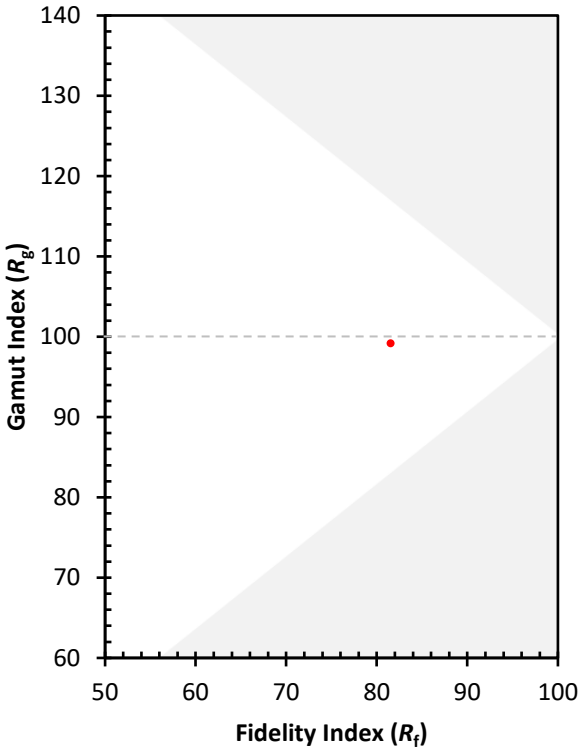


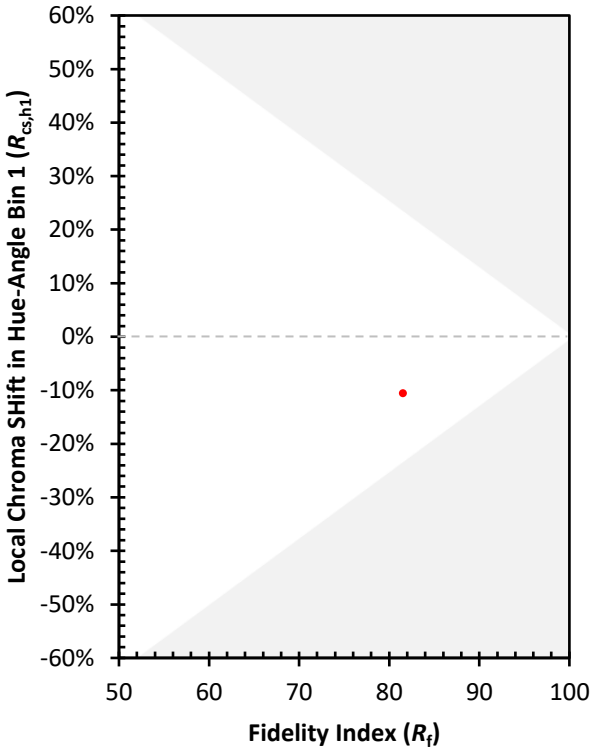


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Measure Comparisons





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