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: P1200810

Luminaire Tested: GPC-SB2D-830-U-AFL

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:	P1200810
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2D-830-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND AUTOMOTIVE FRONTLIN OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18593 lumens
Efficiency:	N/A
Efficacy:	126.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - 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

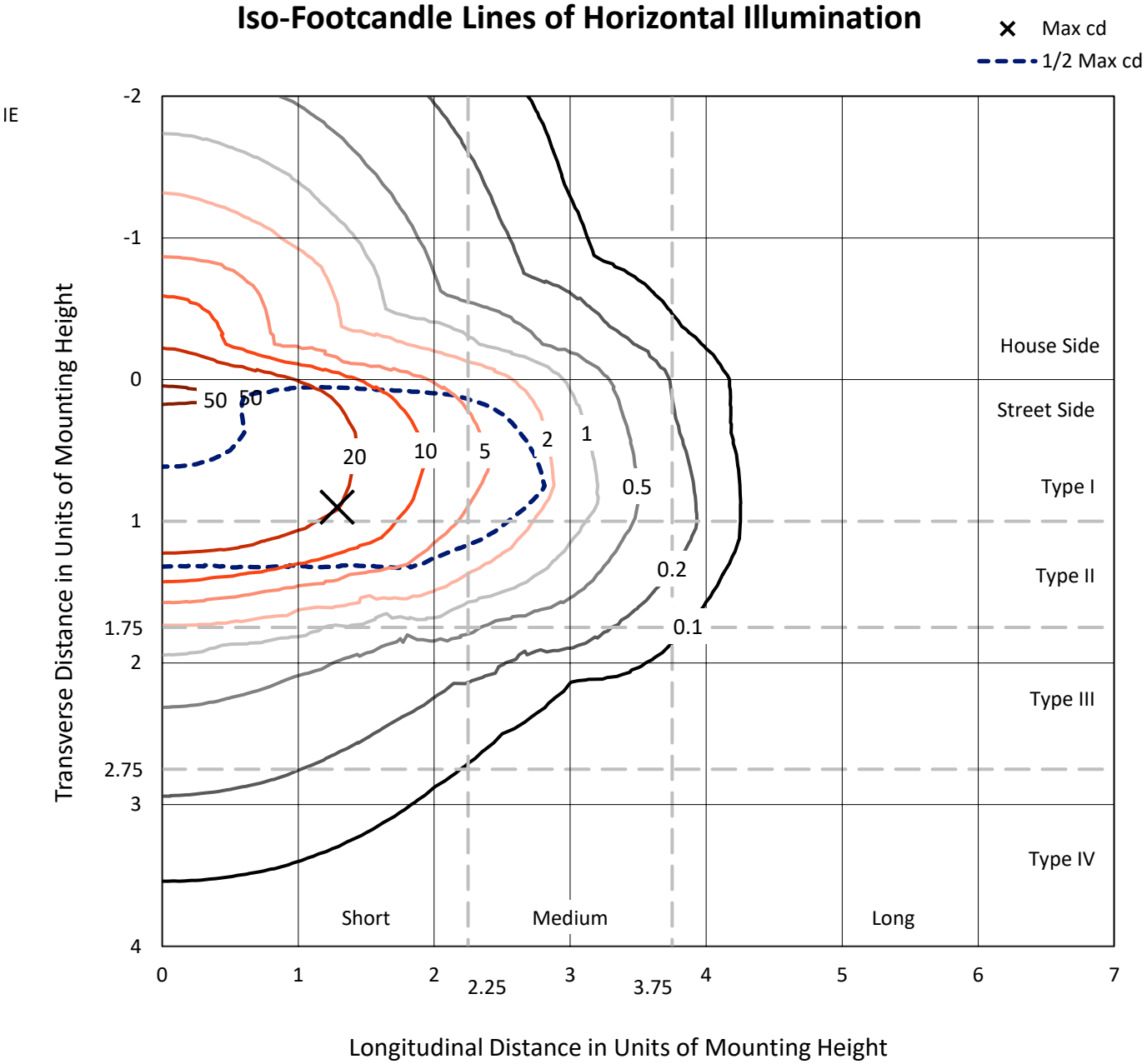


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Scaled Data Report

REPORT NUMBER: P1200810
CATALOG NUMBER: GPC-SB2D-830-U-AFL

Iso-Footcandle Lines of Horizontal Illumination



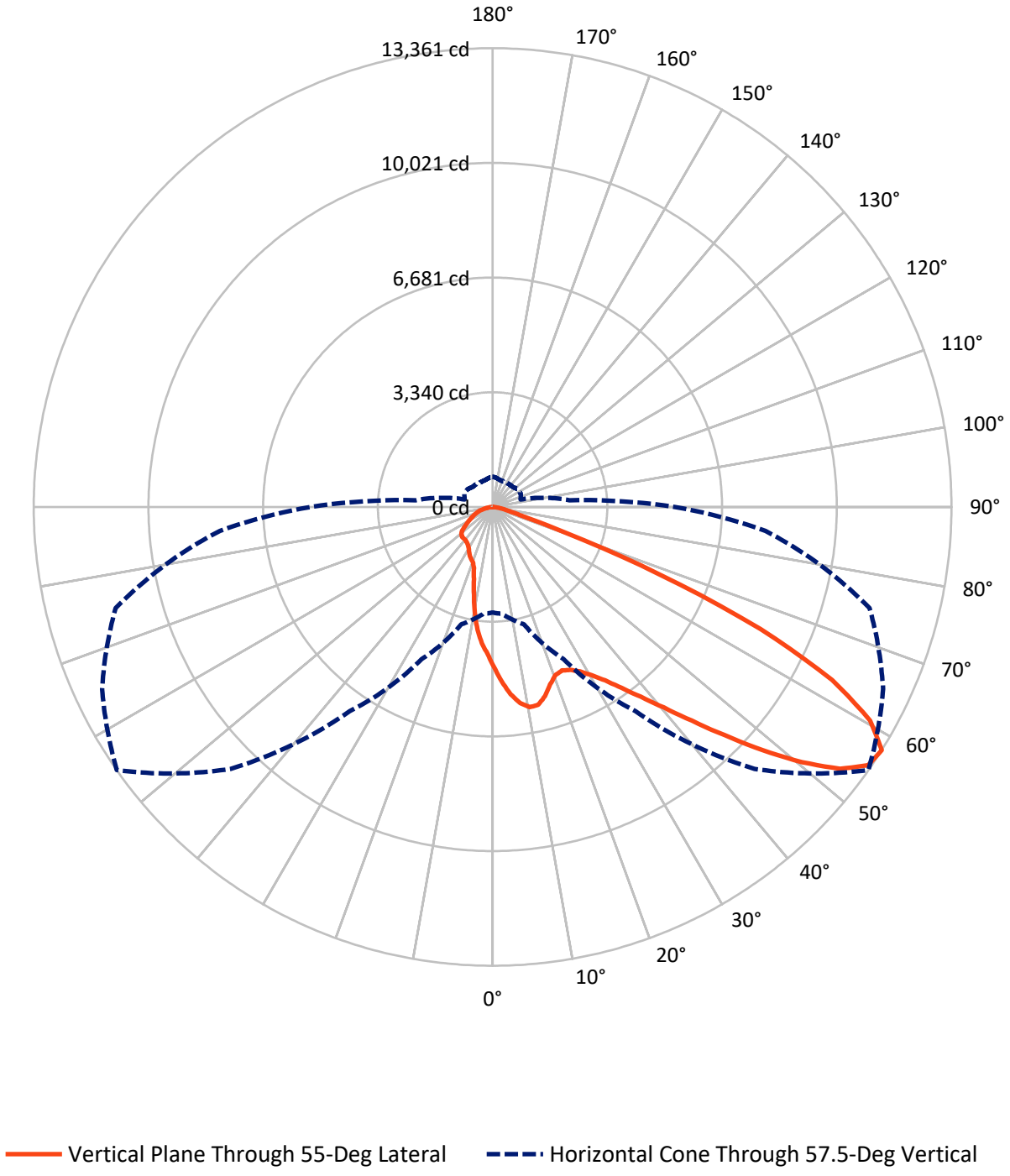
Based on 10 foot mounting height. Maximum calculated value = 56.3 fc
Type II - Short - N/A

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REPORT NUMBER: P1200810
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Luminous Intensity Polar Plot



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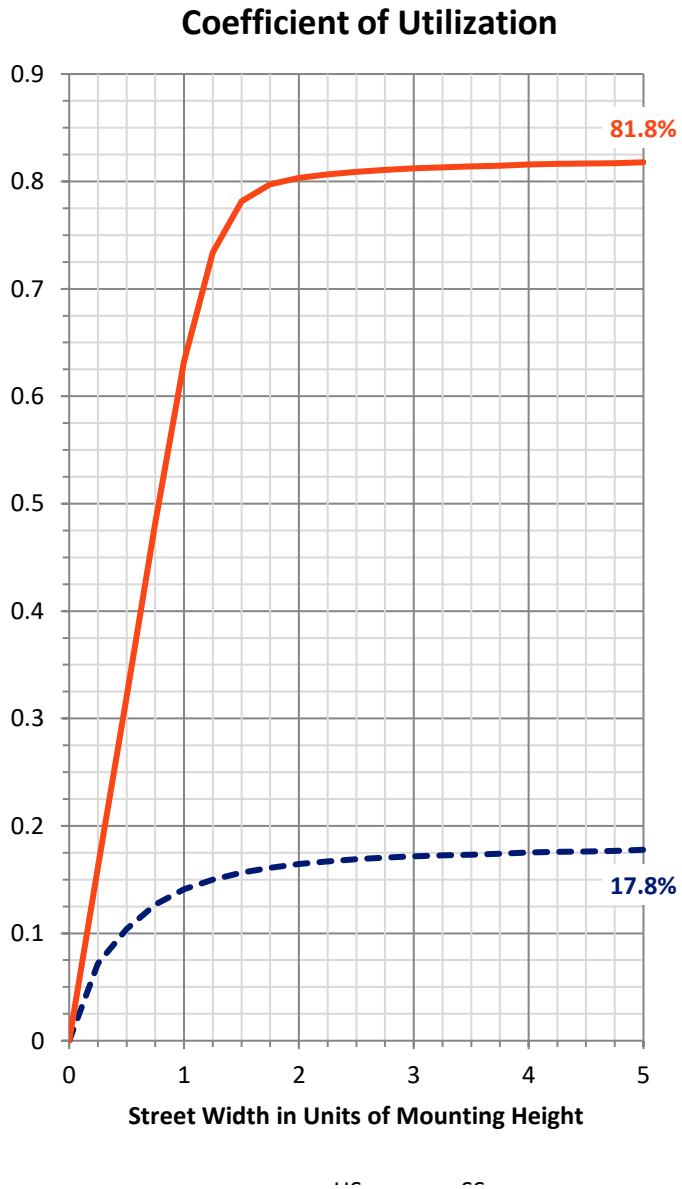
REPORT NUMBER: P1200810
CATALOG NUMBER: GPC-SB2D-830-U-AFL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3364.3	0.0	3364.3
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	15228.7	0.0	15228.7
	% Fixture	81.9	0.0	81.9
Total	Lumens	18593.0	0.0	18593.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	432.3	2.3
10°-20°	1091.2	5.9
20°-30°	1741.2	9.4
30°-40°	2756.7	14.8
40°-50°	4219.5	22.7
50°-60°	4519.5	24.3
60°-70°	2843.2	15.3
70°-80°	840.8	4.5
80°-90°	148.7	0.8
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°	18593.0	100.0
0°-180°	18593.0	100.0



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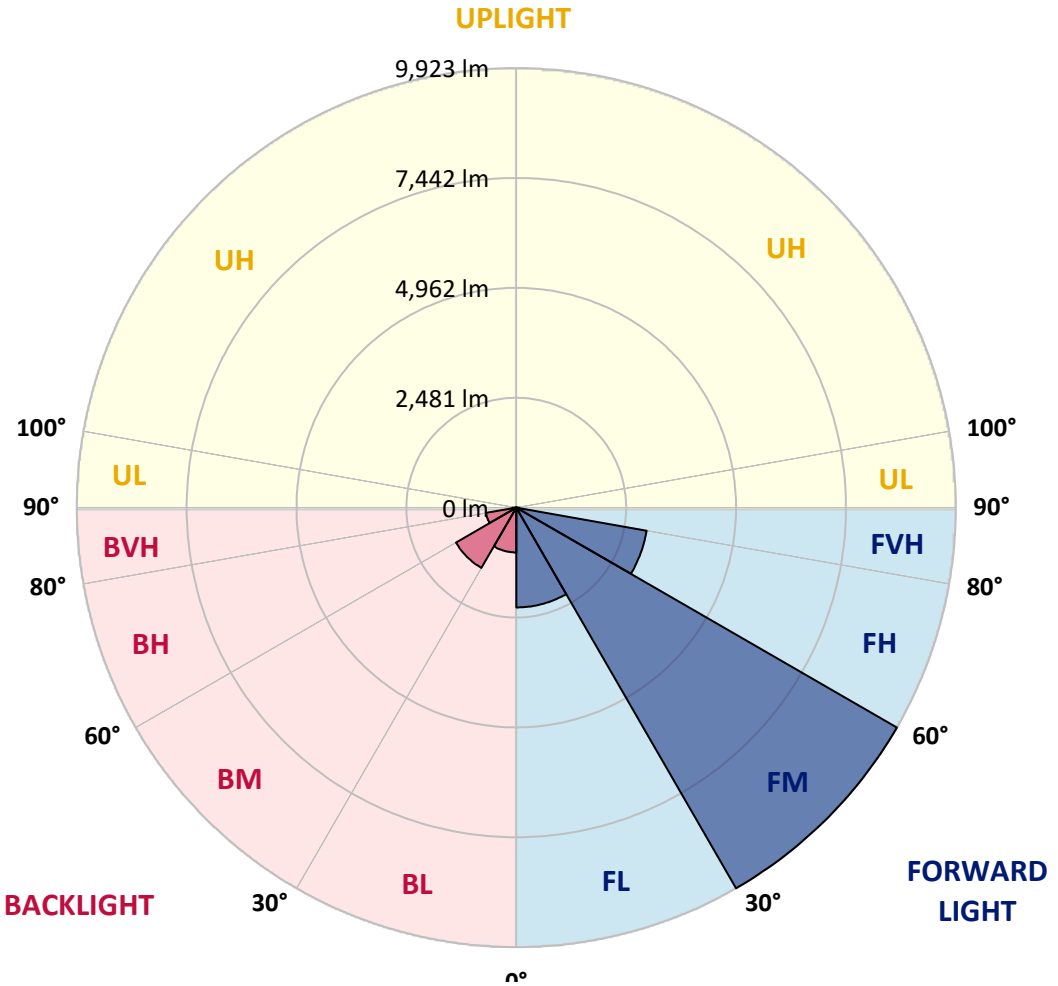
Scaled Data Report

REPORT NUMBER: P1200810
CATALOG NUMBER: GPC-SB2D-830-U-AFL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2253.5	12.1			
FM	(30°-60°)	9923.2	53.4			
FH	(60°-80°)	2989.2	16.1			G2/5000
FVH	(80°-90°)	62.8	0.3			G1/100
BL	(0°-30°)	1011.2	5.4	B3/2500		
BM	(30°-60°)	1572.4	8.5	B2/2500		
BH	(60°-80°)	694.8	3.7	B2/1000		G2/1000
BVH	(80°-90°)	85.8	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-G2
Type II Short



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Scaled Data Report

REPORT NUMBER: P1200810
CATALOG NUMBER: GPC-SB2D-830-U-AFL

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	4658.8	4658.8	4658.8	4658.8	4658.8	4658.8	*4658.8*	4658.8	4658.8	4658.8	4658.8
2.5°	5345.1	5341.2	5362.4	5290.3	5241.3	5175.0	*5087.5*	4976.0	4855.8	4729.0	4674.2
5°	5826.6	5793.0	5815.1	5761.3	5707.4	5607.5	*5477.7*	5296.1	5074.0	4821.2	4686.7
7.5°	5750.7	5727.6	5784.3	5832.4	5872.8	5860.3	*5765.1*	5574.8	5288.4	4921.2	4726.1
10°	5138.4	5112.5	5192.3	5358.5	5602.7	5815.1	*5930.4*	5812.2	5507.5	5030.8	4764.5
12.5°	4598.2	4585.8	4638.6	4773.2	5044.2	5451.8	*5909.3*	6019.8	5735.3	5160.5	4816.4
15°	4367.6	4352.2	4385.8	4454.1	4627.1	5006.7	*5717.1*	6162.1	5959.3	5310.5	4899.1
17.5°	4316.6	4299.3	4313.7	4349.3	4460.8	4750.1	*5426.8*	6232.2	6192.8	5477.7	4968.3
20°	4410.8	4396.4	4398.3	4396.4	4474.3	4704.0	*5224.9*	6205.3	6396.6	5631.5	5035.6
22.5°	4638.6	4614.6	4615.5	4564.6	4606.9	4784.7	*5172.1*	6133.2	6578.3	5766.1	5086.5
25°	5009.6	4966.4	4975.0	4845.3	4833.7	4965.4	*5254.7*	6077.5	6759.0	5873.7	5096.1
27.5°	5517.1	5468.1	5442.2	5249.0	5156.7	5222.0	*5422.9*	6096.7	6930.1	5967.0	5072.1
30°	6151.5	6091.9	6039.0	5765.1	5597.9	5573.8	*5684.4*	6223.6	7131.9	6065.0	5030.8
32.5°	6929.1	6859.9	6763.8	6400.4	6165.0	6039.0	*6022.7*	6449.5	7368.3	6189.9	5009.6
35°	7854.7	7764.4	7627.9	7157.9	6859.9	6602.3	*6468.7*	6775.3	7692.3	6378.3	5033.7
37.5°	8808.2	8706.3	8581.3	8021.9	7655.7	7276.1	*7012.7*	7217.4	8123.8	6634.0	5097.1
40°	9687.7	9573.3	9457.0	8959.1	8566.0	8108.4	*7678.8*	7776.8	8651.5	6939.7	5204.7
42.5°	10206.7	10122.1	10077.9	9808.8	9505.0	9040.8	*8507.3*	8440.1	9244.6	7291.5	5327.8
45°	10183.6	10149.0	10285.5	10397.0	10324.9	10067.3	*9478.1*	9173.4	9839.5	7596.1	5441.2
47.5°	9639.6	9662.7	9967.4	10594.0	10869.9	11004.5	*10583.5*	9893.3	10356.6	7823.9	5492.1
50°	8159.4	8178.6	8884.1	10235.5	11010.2	11768.6	*11680.2*	10596.0	10757.4	7963.3	5480.6
52.5°	6987.7	7000.2	7303.0	9172.5	10546.9	12153.1	*12668.3*	11258.2	11050.6	8001.8	5416.2
55°	5263.4	5306.6	5645.9	7196.3	9341.6	11848.4	*13269.9*	11940.6	11236.1	8005.6	5348.9
57.5°	*3074.8*	*3121.9*	*3541.0*	*4884.7*	*7260.7*	*10786.3*	*13361.3*	*12546.2*	*11362.0*	*7974.8*	*5308.6*
60°	1506.2	1526.3	1709.0	2567.3	4477.1	8739.9	*12626.9*	12839.3	11432.2	7958.5	5306.6
62.5°	1015.0	1012.1	1019.8	1266.8	2205.9	5615.2	*11096.7*	12326.1	11394.7	7896.0	5287.4
65°	872.7	862.2	833.3	889.1	1142.8	2568.3	*8573.7*	10794.0	11109.2	7739.4	5155.7
67.5°	754.5	755.5	756.4	739.1	816.0	1185.1	*5239.4*	8502.5	10084.6	6997.3	4648.2
70°	624.8	633.4	637.3	637.3	665.1	777.6	*2236.6*	5827.6	7954.7	5486.4	3743.8
72.5°	569.0	550.8	552.7	543.1	543.1	592.1	*900.6*	3303.5	5011.6	3086.3	2284.7
75°	464.2	475.8	477.7	471.0	448.9	451.8	*534.4*	1386.0	2144.4	1280.3	1129.4
77.5°	400.8	400.8	404.7	399.8	382.5	338.3	*356.6*	537.3	729.5	524.8	564.2
80°	322.0	321.0	337.4	347.0	320.1	249.9	*227.8*	297.0	323.9	230.7	293.2
82.5°	156.7	166.3	231.6	264.3	243.2	180.7	*139.4*	184.5	173.0	101.9	131.7
85°	91.3	86.5	103.8	147.1	139.4	100.0	*67.3*	96.1	90.4	51.9	52.9
87.5°	28.8	26.9	21.1	50.0	40.4	27.9	*18.3*	27.9	25.0	11.5	11.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0

REPORT NUMBER: P1200810
CATALOG NUMBER: GPC-SB2D-830-U-AFL

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4658.8	4658.8	4658.8	4658.8	4658.8	4658.8	4658.8	4658.8	4658.8	4658.8
2.5°	4605.9	4492.5	4380.1	4277.2	4214.7	4174.4	4134.0	4088.8	4071.5	4045.6
5°	4559.8	4340.7	4145.5	3977.3	3824.5	3704.4	3583.3	3485.2	3441.0	3470.8
7.5°	4532.9	4215.7	3914.9	3606.3	3309.3	3071.9	2865.3	2720.1	2654.8	2671.1
10°	4508.9	4074.4	3615.9	3128.6	2701.9	2407.7	2196.3	2085.7	2044.4	2053.1
12.5°	4486.8	3915.8	3255.5	2614.4	2160.7	1966.6	1906.0	1907.0	1914.7	1920.4
15°	4482.9	3724.5	2852.8	2164.6	1868.5	1856.0	1921.4	1962.7	1984.8	1991.5
17.5°	4477.1	3495.8	2442.3	1857.9	1797.4	1882.0	1942.5	1969.4	1986.7	1987.7
20°	4454.1	3205.5	2063.6	1711.8	1782.0	1855.1	1892.5	1913.7	1928.1	1932.9
22.5°	4382.9	2882.6	1768.6	1646.5	1720.5	1779.1	1823.3	1847.4	1856.0	1861.8
25°	4255.1	2521.2	1564.8	1584.0	1635.0	1709.0	1744.5	1749.3	1746.5	1755.1
27.5°	4087.9	2133.8	1437.9	1499.4	1564.8	1628.2	1647.4	1644.6	1638.8	1648.4
30°	3886.0	1785.9	1357.2	1404.3	1493.7	1551.3	1568.6	1561.9	1550.4	1560.9
32.5°	3672.6	1501.4	1290.9	1338.0	1435.0	1491.7	1509.0	1502.3	1493.7	1502.3
35°	3473.7	1302.4	1229.3	1293.7	1388.9	1444.6	1466.7	1467.7	1467.7	1478.3
37.5°	3291.1	1186.1	1178.4	1265.9	1357.2	1407.2	1438.9	1440.8	1399.5	1402.4
40°	3121.9	1137.1	1155.3	1247.6	1326.4	1374.5	1376.4	1268.7	1192.8	1190.9
42.5°	2983.5	1127.5	1162.1	1245.7	1304.3	1306.2	1170.7	1087.1	1065.9	1066.9
45°	2853.7	1124.6	1177.4	1245.7	1271.6	1128.4	1037.1	1015.0	1016.9	1024.6
47.5°	2708.6	1113.0	1180.3	1228.4	1177.4	1003.5	976.6	966.9	963.1	965.0
50°	2550.0	1071.7	1143.8	1193.8	1016.0	949.6	916.0	913.1	917.9	920.8
52.5°	2382.7	1004.4	1081.3	1131.3	941.9	902.5	865.1	871.8	892.9	899.7
55°	2273.2	925.6	998.7	1006.3	890.0	858.3	826.6	842.0	881.4	893.9
57.5°	*2244.3*	*842.0*	*904.5*	*895.8*	*823.7*	*819.9*	*800.7*	*814.1*	*864.1*	*882.4*
60°	2235.7	767.0	812.2	805.5	759.3	777.6	772.8	779.5	796.8	802.6
62.5°	2168.4	707.4	729.5	719.9	701.7	733.4	744.9	730.5	743.9	750.7
65°	1997.3	659.4	648.8	642.1	649.8	678.6	701.7	672.8	685.3	704.5
67.5°	1714.7	594.0	565.2	572.9	596.9	612.3	642.1	609.4	620.0	652.6
70°	1387.0	511.3	485.4	507.5	530.6	562.3	567.1	545.0	570.0	606.5
72.5°	981.4	427.7	409.5	454.6	462.3	503.7	493.1	482.5	517.1	529.6
75°	680.5	345.1	334.5	369.1	397.0	432.5	424.8	437.3	510.4	516.1
77.5°	430.6	268.2	261.4	283.5	322.0	361.4	373.9	516.1	871.8	906.4
80°	249.9	199.9	192.2	209.5	243.2	279.7	360.4	633.4	574.8	568.1
82.5°	139.4	137.4	127.8	132.6	162.4	201.8	509.4	446.0	362.4	373.9
85°	65.4	80.7	69.2	66.3	91.3	236.4	340.3	254.7	169.2	165.3
87.5°	17.3	15.4	15.4	17.3	38.4	203.8	135.5	108.6	64.4	62.5
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

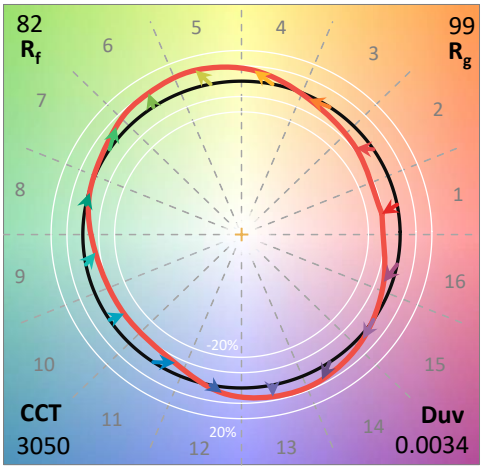
Test Information

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

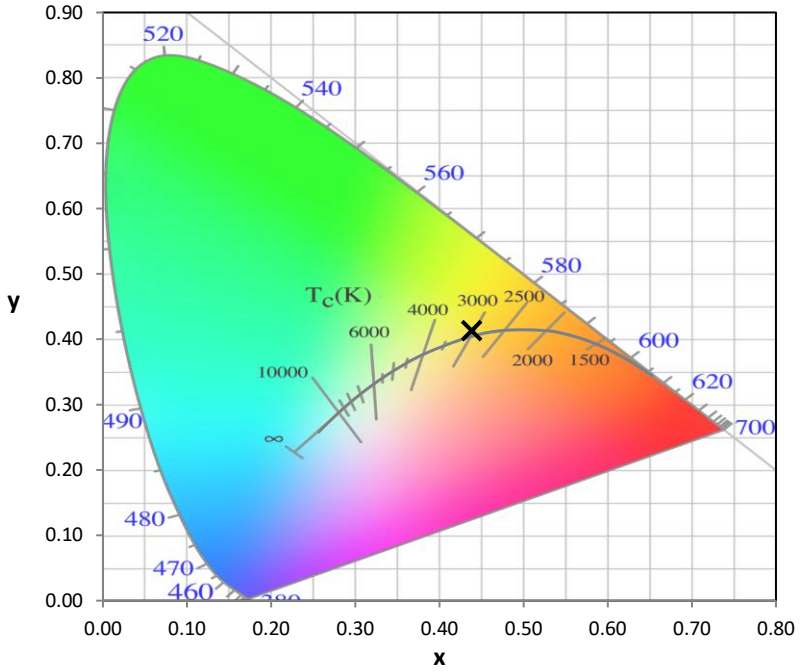
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

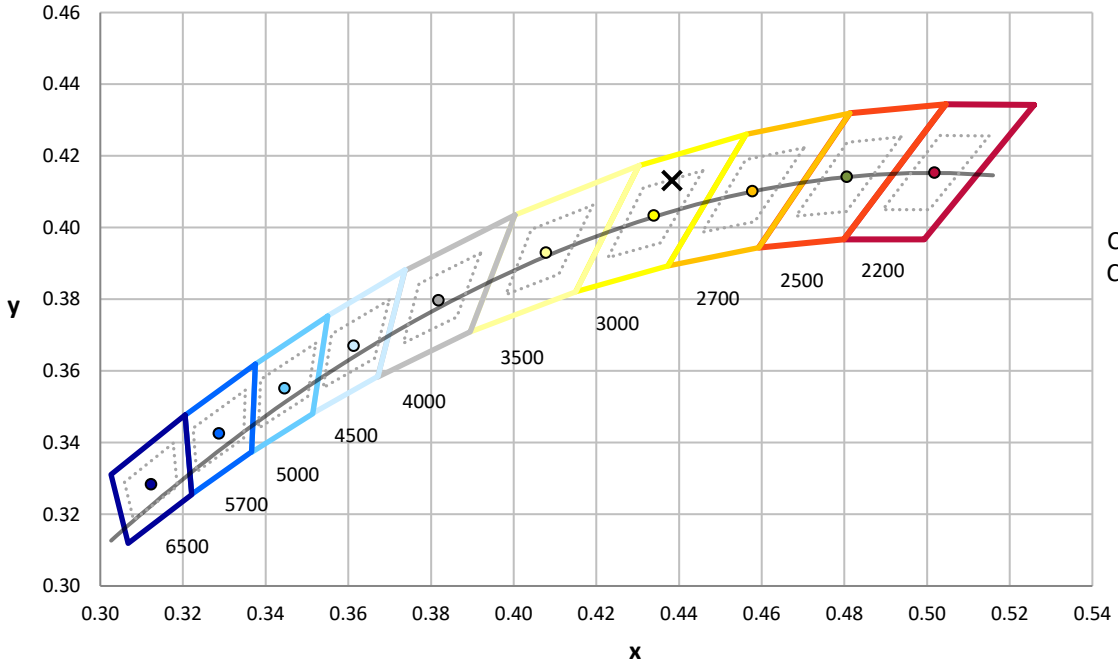
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

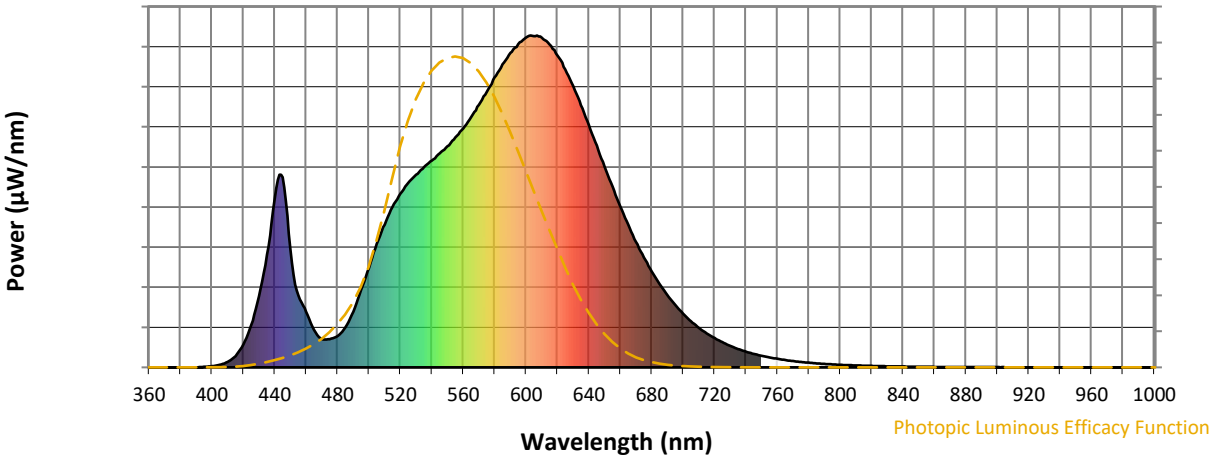


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

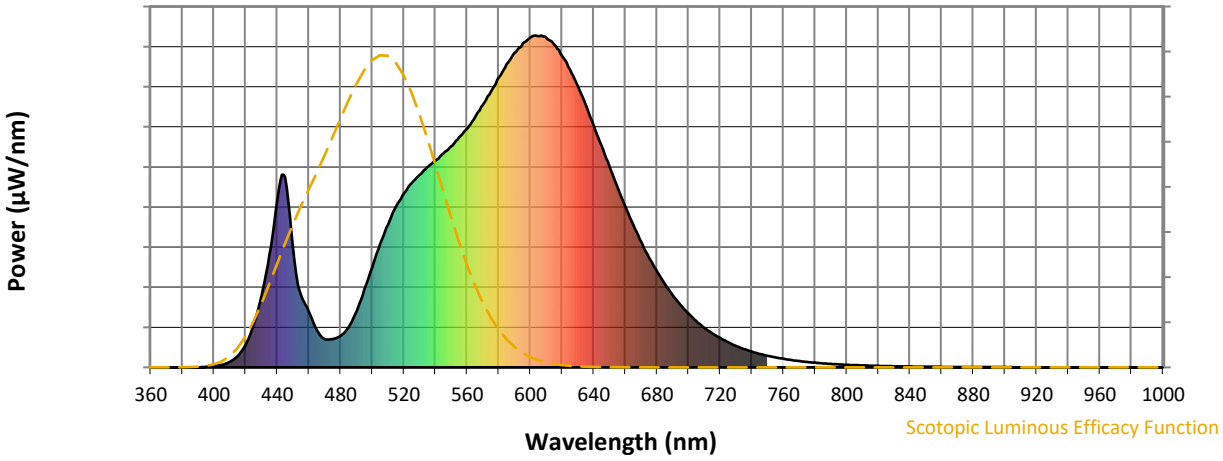


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2408-195-9

Scotopic Flux vs. Wavelength

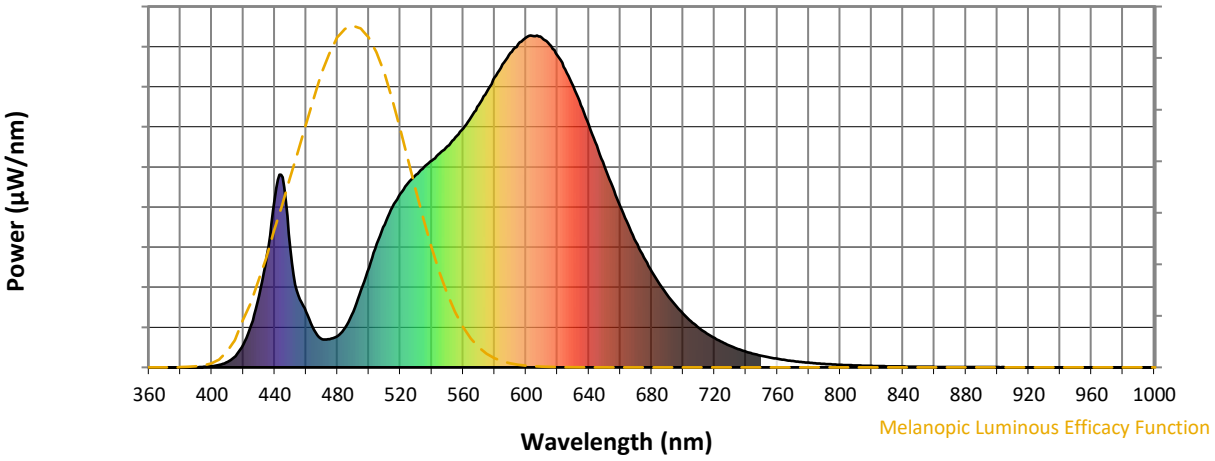


Scotopic Lumens: NR **S/P: 1.27**

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			

REPORT NUMBER: SP1-2408-195-9

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			

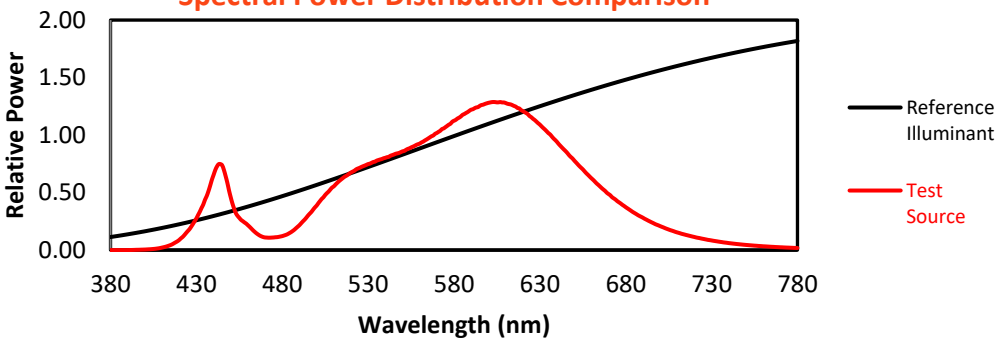
REPORT NUMBER: SP1-2408-195-9

TM-30-18

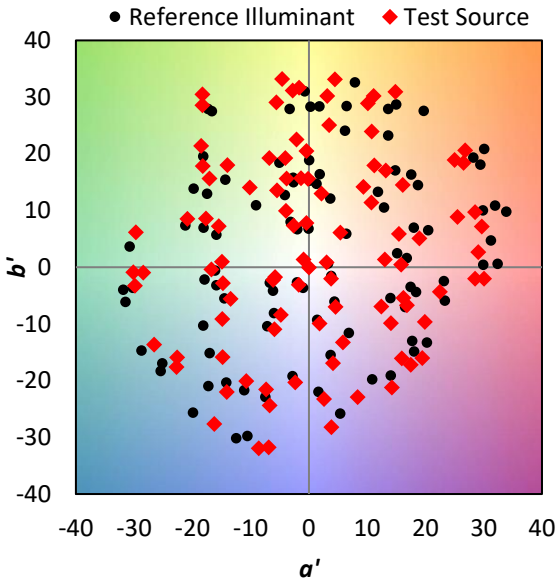
Summary

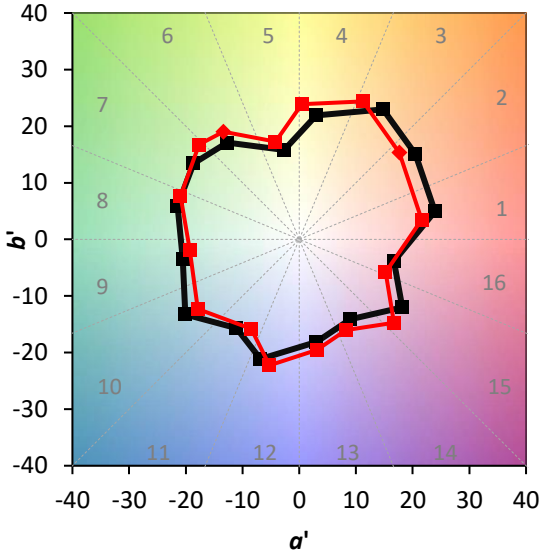
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

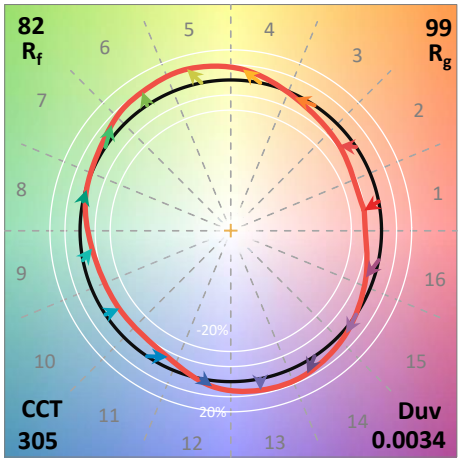
Spectral Power Distribution Comparison

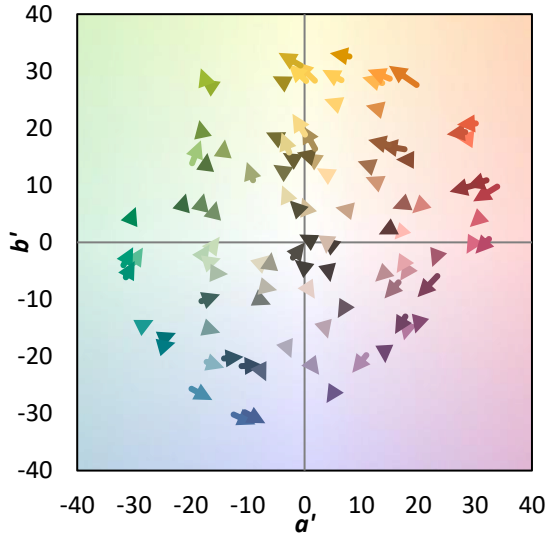


Color Vector Graphics







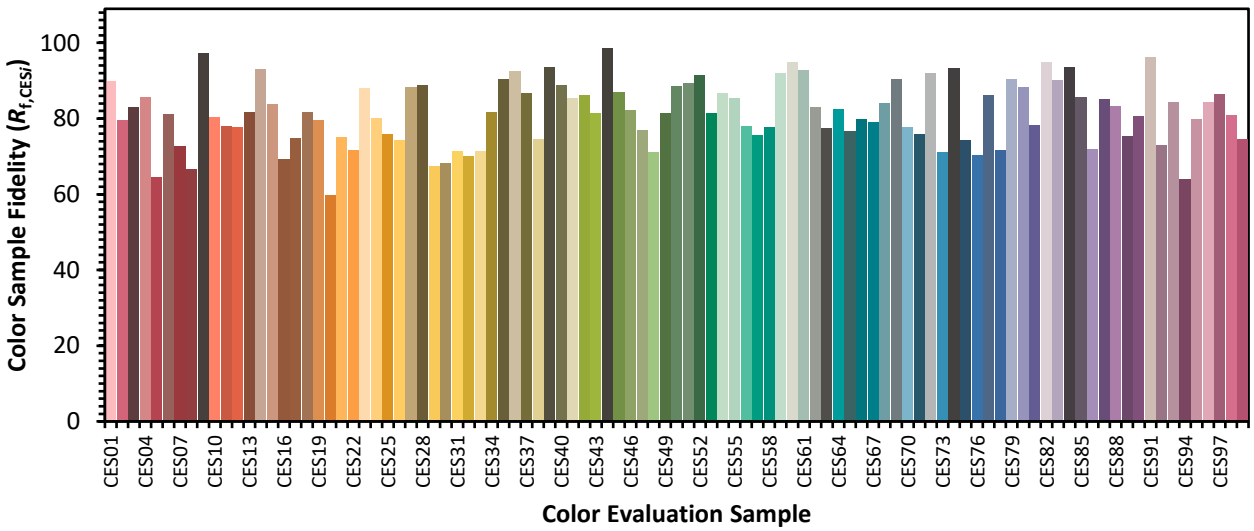


REPORT NUMBER: SP1-2408-195-9

TM-30-18

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

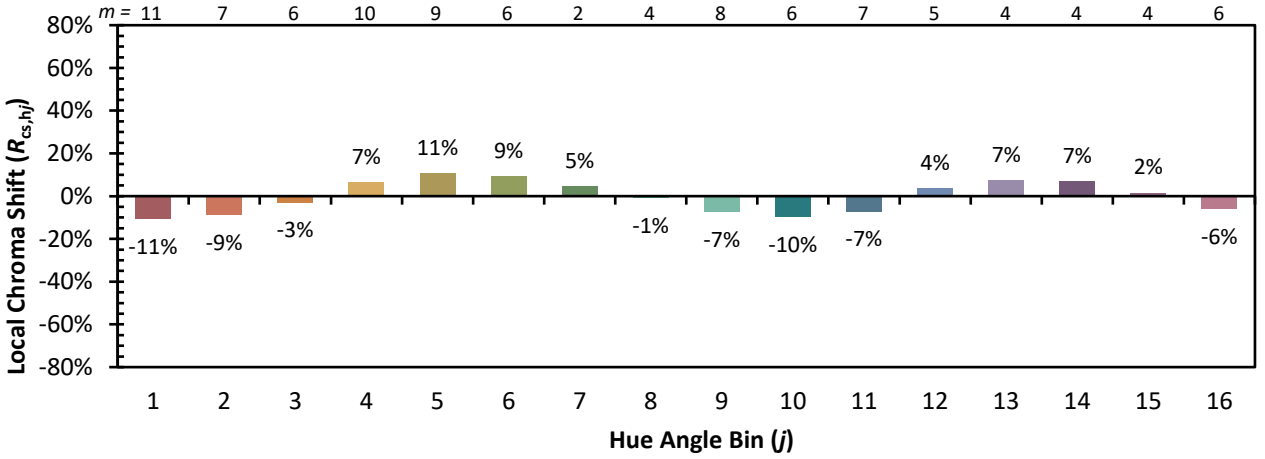
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CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

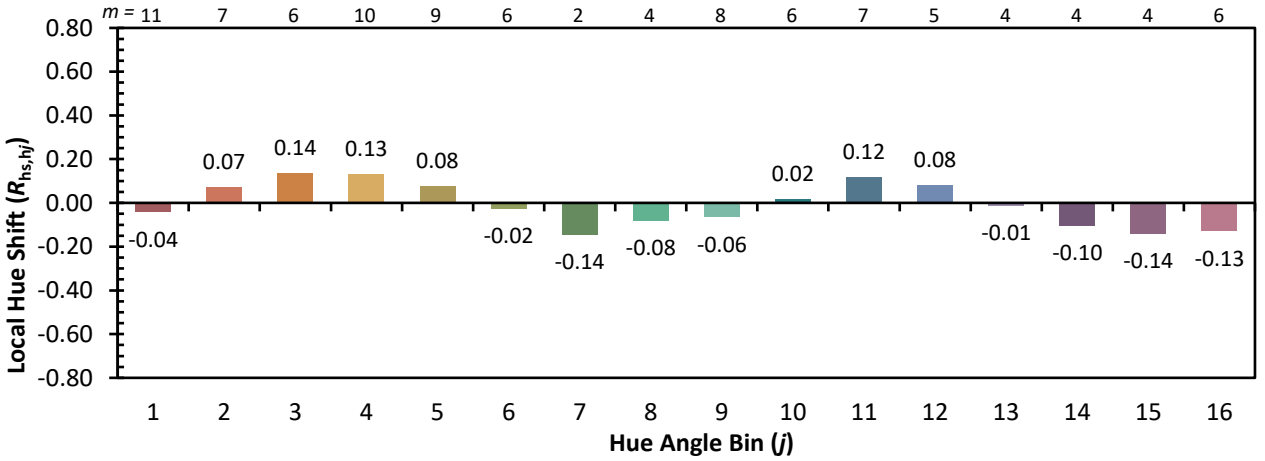


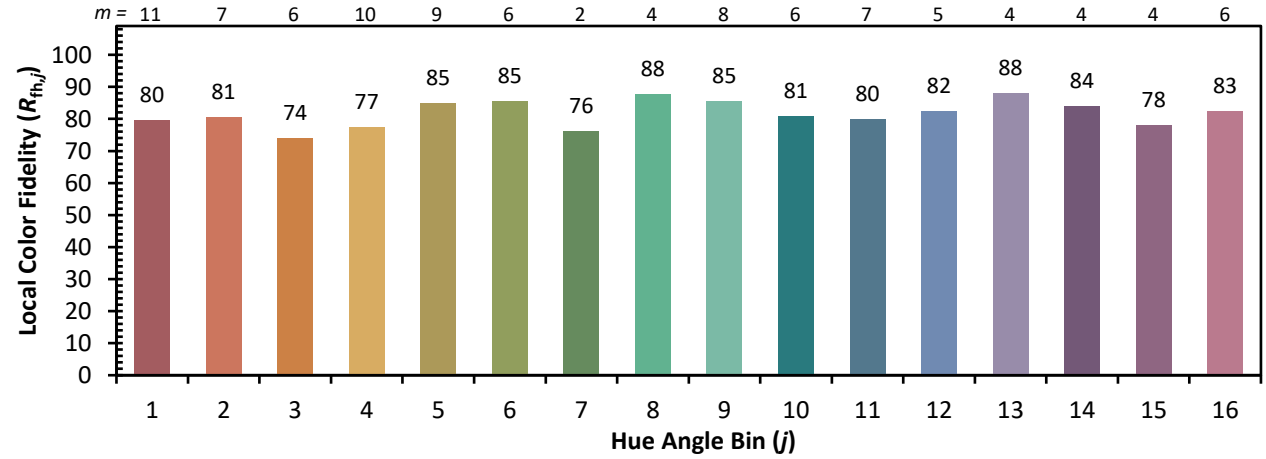
REPORT NUMBER: SP1-2408-195-9

TM-30-18

Color Rendition by Hue-Angle Bin



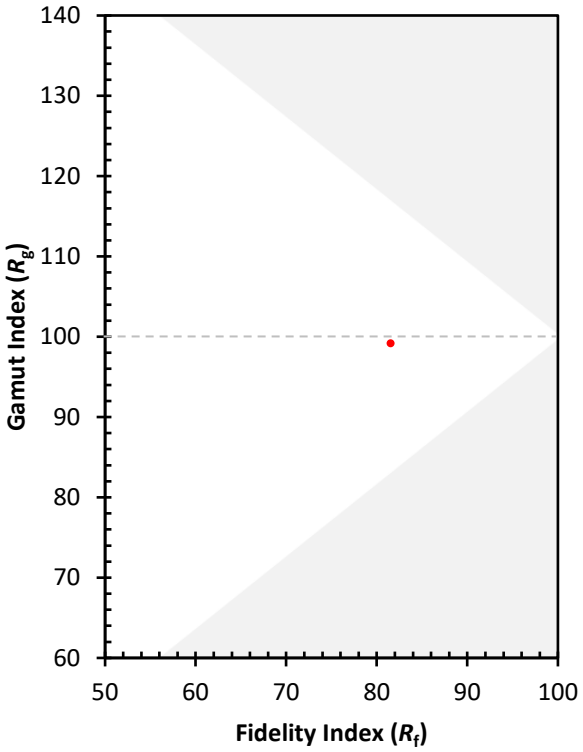


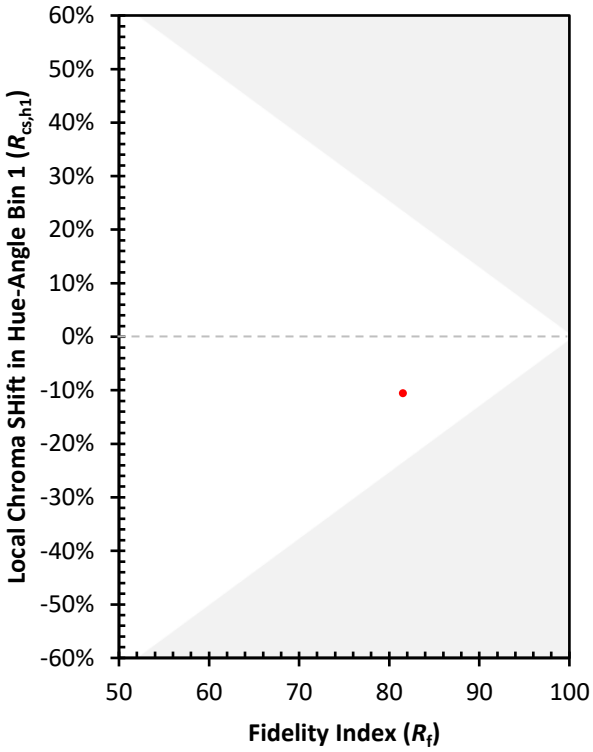


REPORT NUMBER: SP1-2408-195-9

TM-30-18

Measure Comparisons





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