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: P1203856

Luminaire Tested: GWC-SB2D-830-U-SL2-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:	P1203856
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-830-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14818 lumens
Efficiency:	N/A
Efficacy:	100.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G3

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

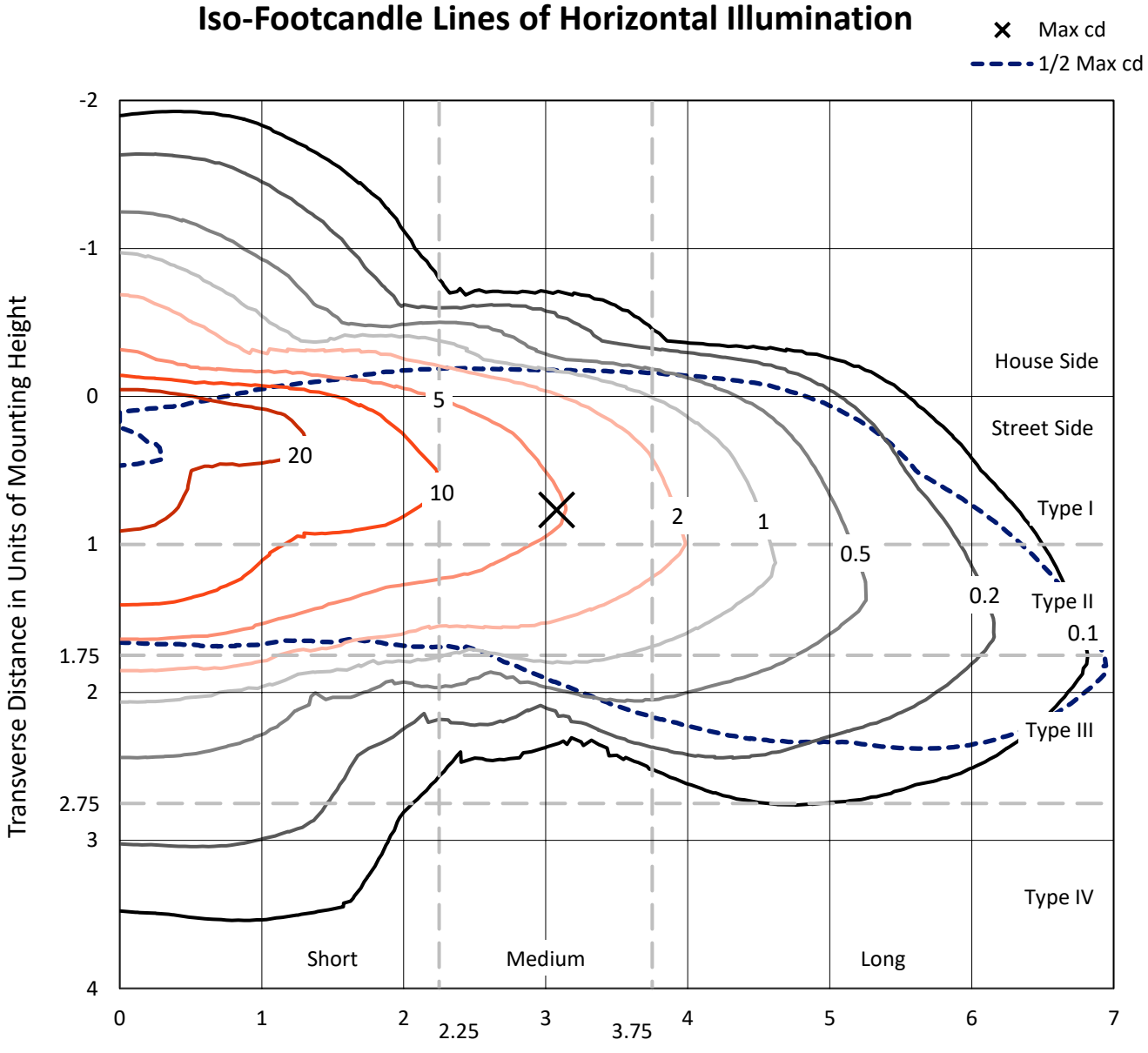


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Scaled Data Report

REPORT NUMBER: P1203856
CATALOG NUMBER: GWC-SB2D-830-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



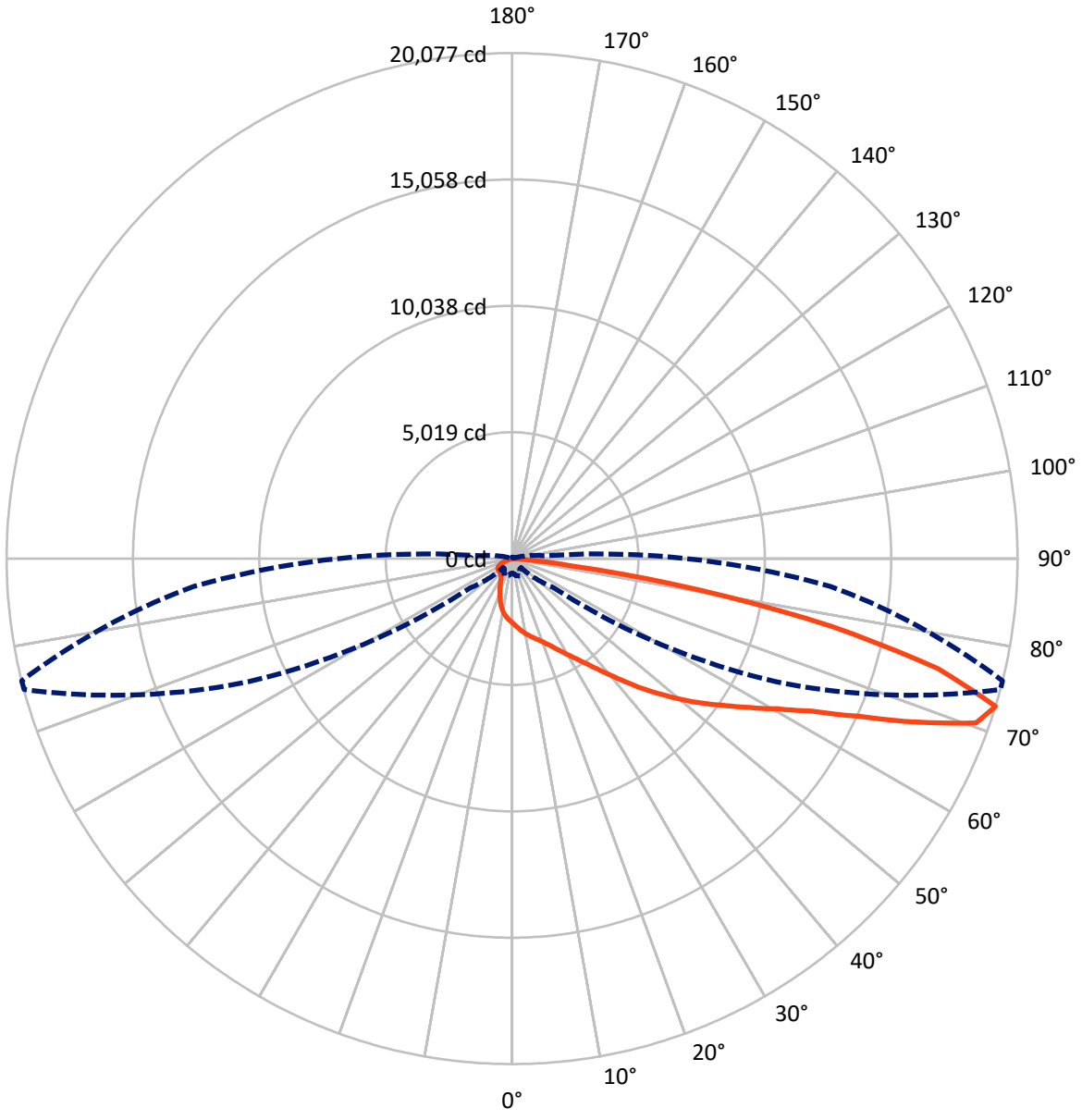
Based on 10 foot mounting height. Maximum calculated value = 22.1 fc
Type II - Medium - N/A

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REPORT NUMBER: P1203856
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Luminous Intensity Polar Plot



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Scaled Data Report

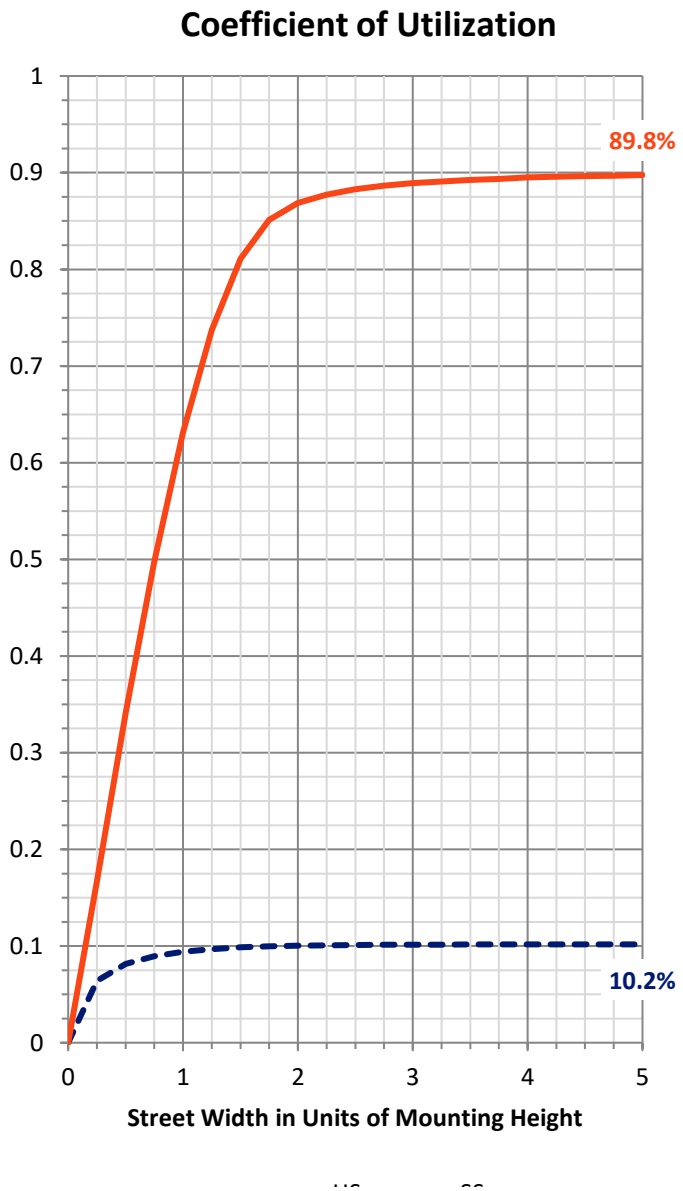
REPORT NUMBER: P1203856
CATALOG NUMBER: GWC-SB2D-830-U-SL2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1516.6	0.0	1516.6
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	13301.4	0.0	13301.4
	% Fixture	89.8	0.0	89.8
Total	Lumens	14818.0	0.0	14818.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	232.9	1.6
10°-20°	624.5	4.2
20°-30°	988.3	6.7
30°-40°	1529.1	10.3
40°-50°	2322.5	15.7
50°-60°	3201.8	21.6
60°-70°	3382.5	22.8
70°-80°	2320.5	15.7
80°-90°	216.0	1.5
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°	14818.0	100.0
0°-180°	14818.0	100.0



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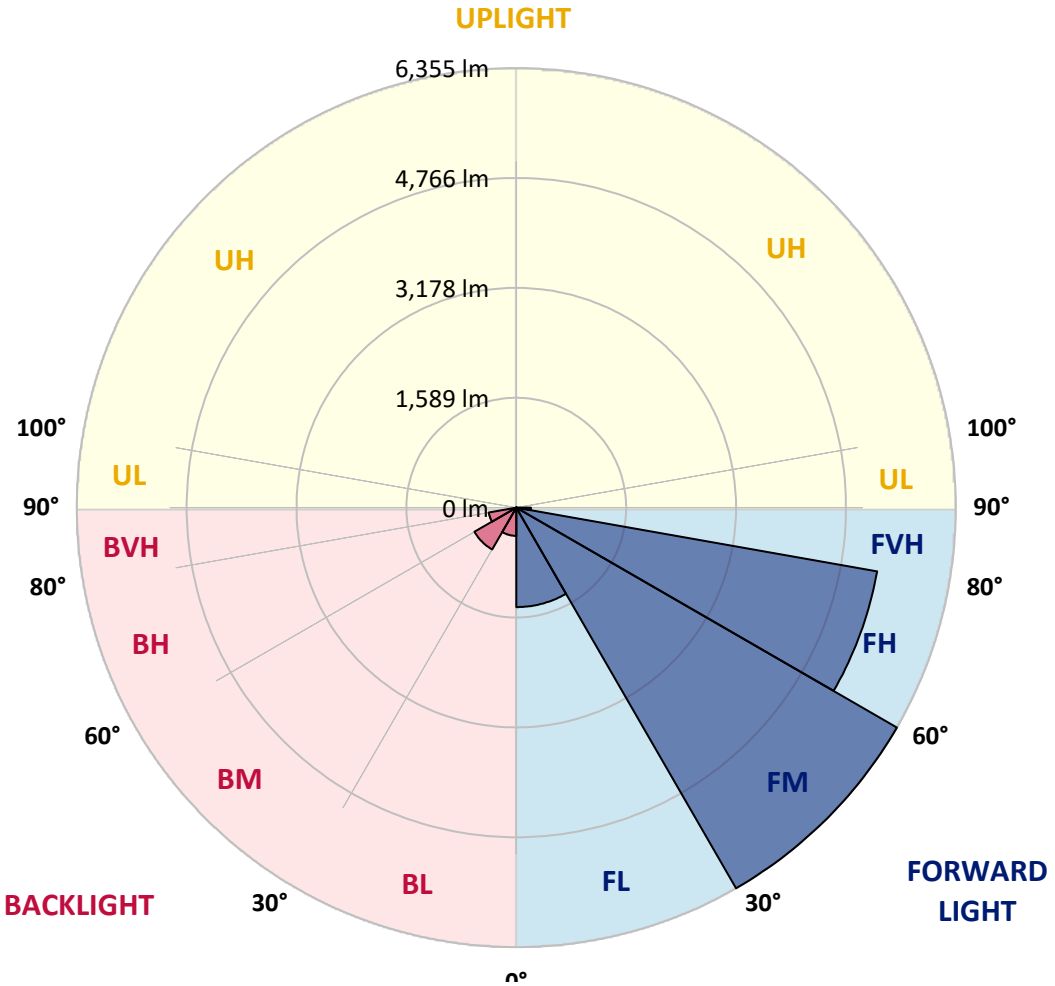
Scaled Data Report

REPORT NUMBER: P1203856
CATALOG NUMBER: GWC-SB2D-830-U-SL2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1438.1	9.7			
FM	(30°-60°)	6355.1	42.9			
FH	(60°-80°)	5298.1	35.8			G3/7500
FVH	(80°-90°)	210.1	1.4			G2/225
BL	(0°-30°)	407.7	2.8	B1/500		
BM	(30°-60°)	698.3	4.7	B1/1000		
BH	(60°-80°)	404.9	2.7	B1/500		G1/500
BVH	(80°-90°)	5.8	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-G3
Type II Medium



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REPORT NUMBER: P1203856
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	2560.7	2560.7	2560.7	2560.7	2560.7	2560.7	2560.7	2560.7	2560.7	*2560.7*	2560.7
2.5°	2976.9	2937.5	2945.2	2905.8	2887.5	2843.3	2797.1	2736.6	2669.3	*2669.3*	2603.9
5°	3290.2	3265.3	3265.3	3219.1	3183.5	3114.3	3031.7	2925.0	2798.1	*2785.6*	2661.6
7.5°	3482.5	3467.1	3476.7	3449.8	3421.0	3348.9	3250.8	3111.5	2931.7	*2916.3*	2729.9
10°	3520.0	3519.0	3545.9	3553.6	3572.8	3536.3	3448.8	3288.3	3063.4	*3041.3*	2788.5
12.5°	3374.8	3356.6	3422.9	3500.7	3610.3	3659.3	3614.2	3449.8	3183.5	*3152.8*	2843.3
15°	3136.4	3140.3	3203.7	3323.9	3506.5	3681.5	3740.1	3607.4	3305.6	*3269.1*	2895.2
17.5°	3000.0	2985.5	3040.3	3148.0	3349.8	3596.9	3798.7	3754.5	3435.4	*3394.1*	2948.0
20°	2983.6	2982.7	2995.1	3044.2	3198.0	3475.8	3792.0	3897.7	3588.2	*3540.2*	3024.0
22.5°	3097.0	3095.1	3084.5	3074.9	3117.2	3357.5	3763.2	4034.2	3770.9	*3718.9*	3131.6
25°	3271.0	3268.1	3251.8	3193.2	3151.8	3294.1	3736.2	4161.1	3987.1	*3929.5*	3262.4
27.5°	3483.4	3481.5	3451.7	3363.3	3256.6	3299.9	3722.8	4291.8	4237.0	*4180.3*	3413.3
30°	3743.9	3740.1	3678.6	3553.6	3414.2	3391.2	3741.1	4438.9	4497.5	*4454.3*	3587.3
32.5°	4070.7	4060.2	3979.4	3791.0	3595.9	3513.2	3775.7	4589.8	4806.1	*4765.7*	3819.9
35°	4323.5	4307.2	4260.1	4093.8	3806.4	3663.2	3856.4	4768.6	5177.1	*5141.5*	4116.9
37.5°	4540.8	4524.4	4486.0	4349.5	4108.2	3854.5	3986.2	5007.0	5615.4	*5598.1*	4479.3
40°	4775.3	4748.4	4730.1	4584.0	4365.8	4130.3	4171.7	5285.7	6120.1	*6122.0*	4914.7
42.5°	4956.0	4945.5	4947.4	4834.9	4614.8	4457.2	4417.7	5600.0	6724.7	*6742.9*	5438.6
45°	5110.8	5102.1	5137.7	5058.9	4865.7	4671.5	4706.1	5955.7	7386.0	*7423.5*	6024.9
47.5°	5230.0	5239.6	5290.5	5239.6	5126.2	4822.4	4961.8	6339.2	8080.9	*8085.7*	6630.5
50°	5349.2	5353.0	5437.6	5412.6	5366.5	5013.7	5197.3	6767.9	8813.4	*8822.0*	7196.6
52.5°	5386.7	5380.9	5515.5	5577.0	5578.9	5250.2	5502.0	7235.1	9531.4	*9559.3*	7779.1
55°	5194.4	5210.8	5428.0	5677.9	5776.9	5577.0	5913.4	7826.2	10296.5	*10308.1*	8355.9
57.5°	4254.3	4344.7	4825.3	5404.9	5904.7	6045.1	6504.5	8517.3	11179.9	*11169.3*	8940.3
60°	2581.8	2689.5	3264.3	4533.1	5487.6	6515.1	7375.4	9588.1	12145.0	*12115.2*	9531.4
62.5°	1443.7	1476.4	1660.0	2713.5	4173.6	6216.2	8226.1	10963.6	13440.7	*13339.8*	10113.0
65°	1064.1	1074.6	1117.9	1329.4	2051.2	4781.1	8039.6	12608.3	15261.2	*15081.5*	10809.8
67.5°	924.7	935.3	977.6	1006.4	916.0	2511.7	6623.7	13520.5	17573.0	*17337.5*	11752.8
70°	778.6	784.4	852.6	871.8	655.5	955.4	4255.3	13238.8	19712.6	*19544.4*	12764.9
72.5°	*580.6*	*603.6*	*702.6*	*748.8*	*525.8*	*507.5*	*2003.2*	*11575.0*	*20075.0*	*20076.9*	*12696.7*
75°	394.1	415.2	528.7	616.1	405.6	355.6	808.4	8643.3	17480.7	*17480.7*	11129.9
77.5°	269.1	286.4	368.1	483.5	307.6	244.1	419.1	5485.7	12541.0	*12982.2*	7932.9
80°	119.2	129.8	237.4	350.8	233.6	157.6	237.4	3003.8	7584.0	*7490.8*	3109.5
82.5°	58.6	67.3	151.9	219.2	150.9	97.1	125.0	1428.4	2457.8	*2335.8*	485.4
85°	11.5	15.4	81.7	93.2	70.2	43.3	47.1	439.3	296.1	*338.3*	102.9
87.5°	0.0	0.0	25.0	17.3	7.7	9.6	9.6	39.4	23.1	*26.9*	26.9
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: P1203856
CATALOG NUMBER: GWC-SB2D-830-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2560.7	2560.7	2560.7	2560.7	2560.7	2560.7	2560.7	2560.7	2560.7	2560.7	2560.7
2.5°	2569.3	2533.8	2455.9	2379.0	2300.2	2228.1	2178.1	2128.1	2097.4	2083.9	2085.8
5°	2589.5	2517.4	2354.0	2182.9	2013.7	1848.4	1724.4	1608.1	1571.6	1511.0	1514.9
7.5°	2621.2	2504.0	2246.4	1958.0	1683.1	1440.9	1265.9	1126.5	1070.8	1017.0	1016.0
10°	2642.4	2479.0	2104.1	1718.7	1346.7	1074.6	907.4	806.5	769.9	737.3	736.3
12.5°	2651.0	2432.8	1940.7	1450.5	1047.7	819.0	719.0	671.9	659.4	647.9	647.9
15°	2658.7	2387.7	1758.1	1191.9	827.6	685.3	645.9	630.6	621.9	614.2	614.2
17.5°	2665.5	2330.0	1549.5	968.9	698.8	631.5	612.3	596.0	589.2	580.6	580.6
20°	2688.5	2274.2	1363.0	799.7	628.6	593.1	571.9	554.6	548.9	543.1	544.0
22.5°	2731.8	2229.1	1182.3	685.3	586.3	553.7	526.7	507.5	503.7	499.8	496.9
25°	2783.7	2173.3	1012.2	611.3	545.0	508.5	478.7	462.3	458.5	459.5	457.5
27.5°	2850.0	2111.8	866.1	564.2	508.5	466.2	432.5	420.1	422.0	425.8	423.9
30°	2923.1	2055.1	751.7	531.6	475.8	428.7	395.1	386.4	393.1	398.9	397.0
32.5°	3031.7	2005.1	671.9	505.6	447.0	397.9	371.0	360.5	368.1	375.8	373.9
35°	3179.7	1980.1	626.7	483.5	422.0	373.9	347.0	339.3	347.0	348.9	348.0
37.5°	3361.4	1978.2	607.5	465.2	398.9	353.7	323.9	321.0	326.8	327.8	325.9
40°	3595.9	1990.7	593.1	451.8	374.9	330.7	302.8	299.9	301.8	308.6	307.6
42.5°	3892.9	2042.6	572.9	434.5	348.9	307.6	285.5	278.8	277.8	285.5	284.5
45°	4265.9	2157.0	546.0	406.6	325.9	288.4	266.3	258.6	255.7	257.6	260.5
47.5°	4672.5	2297.3	519.1	380.6	309.5	273.0	250.9	241.3	236.5	236.5	236.5
50°	5066.6	2455.9	500.8	353.7	298.0	258.6	234.5	224.9	217.2	215.3	214.4
52.5°	5456.8	2611.6	486.4	326.8	284.5	240.3	219.2	208.6	199.9	196.1	194.2
55°	5812.5	2759.7	461.4	300.9	267.2	221.1	203.8	193.2	182.6	175.9	173.0
57.5°	6153.7	2882.7	415.2	273.9	240.3	202.8	187.4	175.9	163.4	154.8	150.9
60°	6464.2	2946.1	357.6	245.1	213.4	183.6	169.2	158.6	142.3	127.8	124.0
62.5°	6700.6	2921.1	295.1	212.4	185.5	166.3	148.0	137.5	118.2	100.9	94.2
65°	6942.9	2784.6	235.5	177.8	162.4	143.2	124.0	113.4	91.3	73.1	68.2
67.5°	7257.2	2493.4	185.5	148.0	140.3	113.4	97.1	90.4	75.0	57.7	53.8
70°	7459.0	1936.9	144.2	120.2	115.3	82.7	75.0	74.0	59.6	44.2	39.4
72.5°	*6905.4*	*1269.8*	*110.5*	*91.3*	*82.7*	*53.8*	*57.7*	*57.7*	*43.3*	*29.8*	*26.0*
75°	5764.4	743.0	79.8	65.4	47.1	34.6	39.4	39.4	26.9	14.4	11.5
77.5°	4116.9	396.0	52.9	40.4	24.0	15.4	21.1	20.2	8.7	1.0	0.0
80°	1574.5	136.5	25.0	16.3	6.7	2.9	1.9	1.0	1.0	0.0	0.0
82.5°	240.3	35.6	4.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	43.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.6	0.0	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

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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

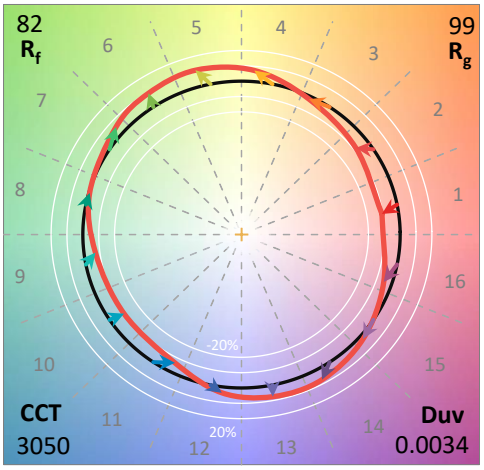
Test Information

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

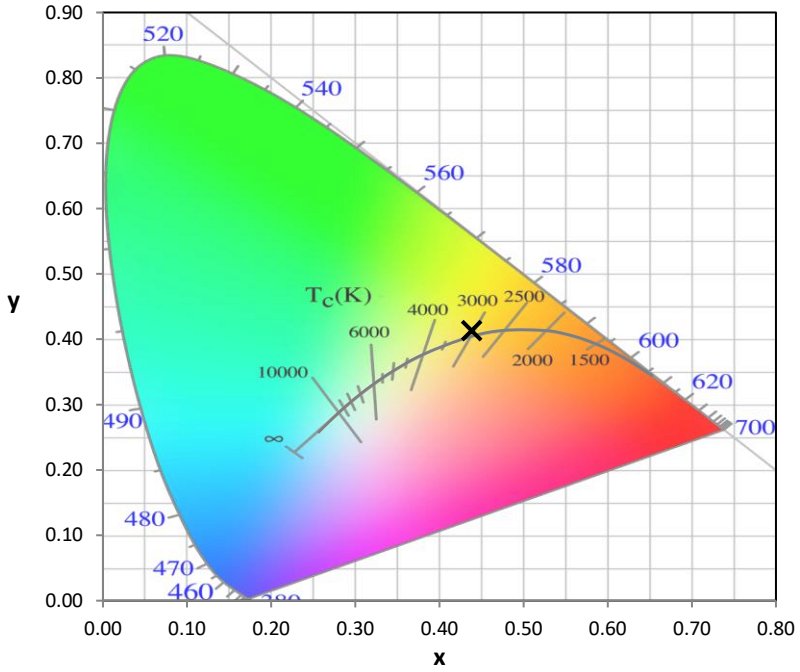
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	24.2

REPORT NUMBER: SP1-2408-195-9

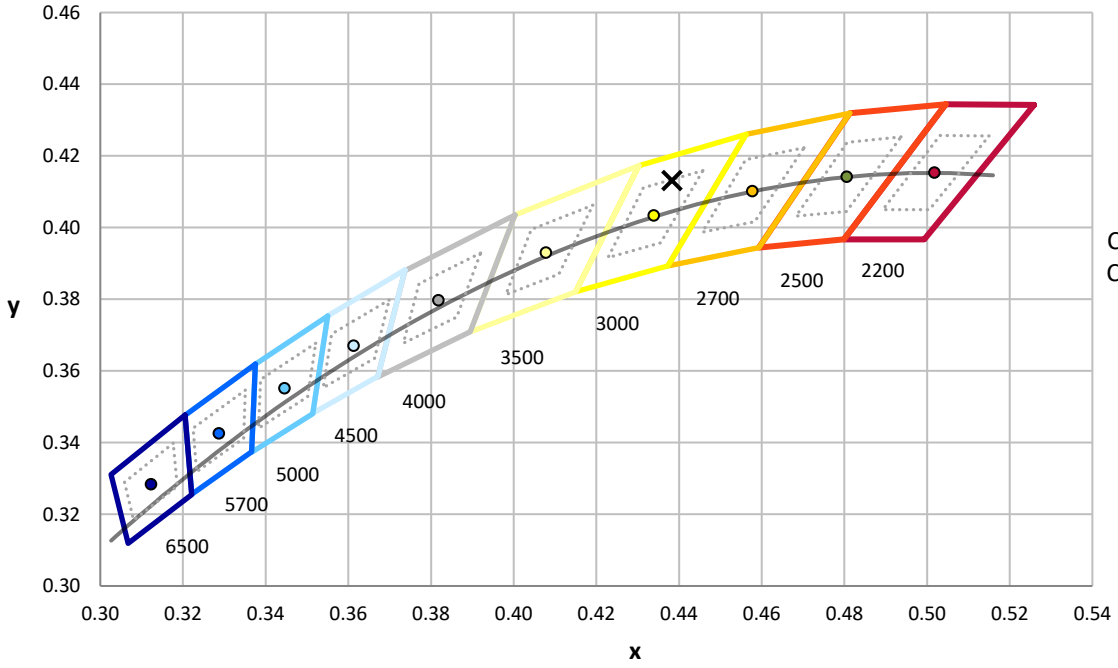
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

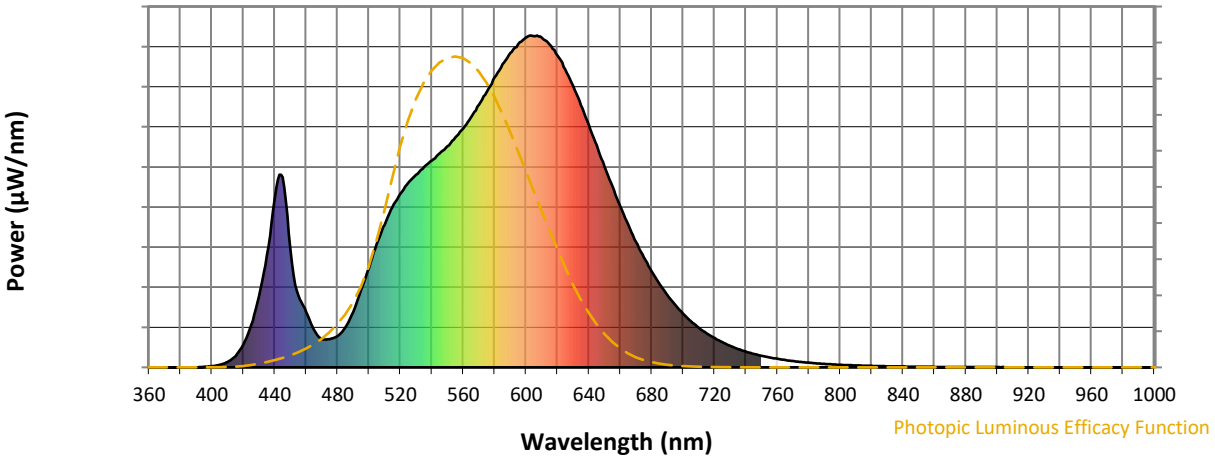


CCT = 3050K
CIE x = 0.4383
CIE y = 0.4131
Duv = 0.0034

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

Photopic Flux vs. Wavelength

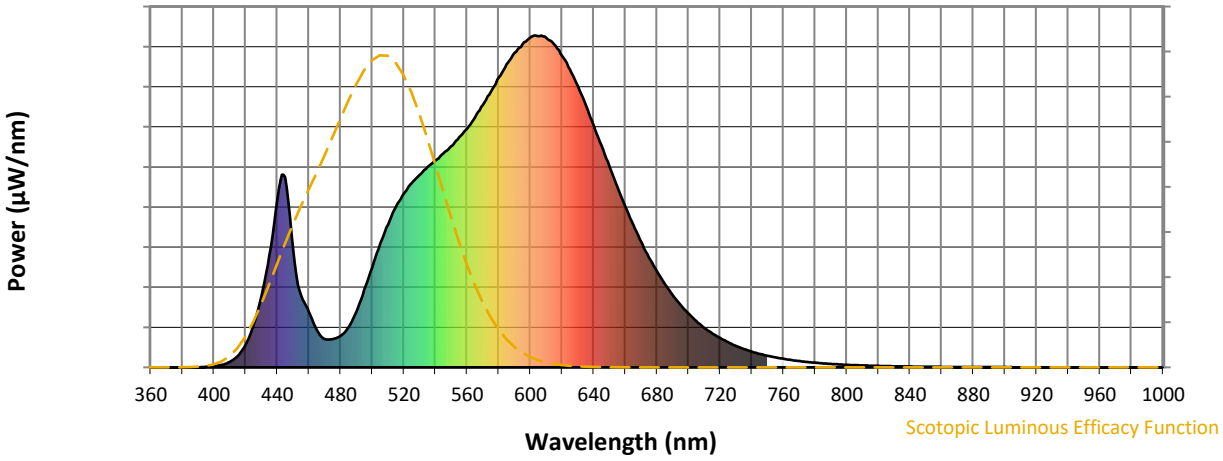


Photopic Lumens: NR

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

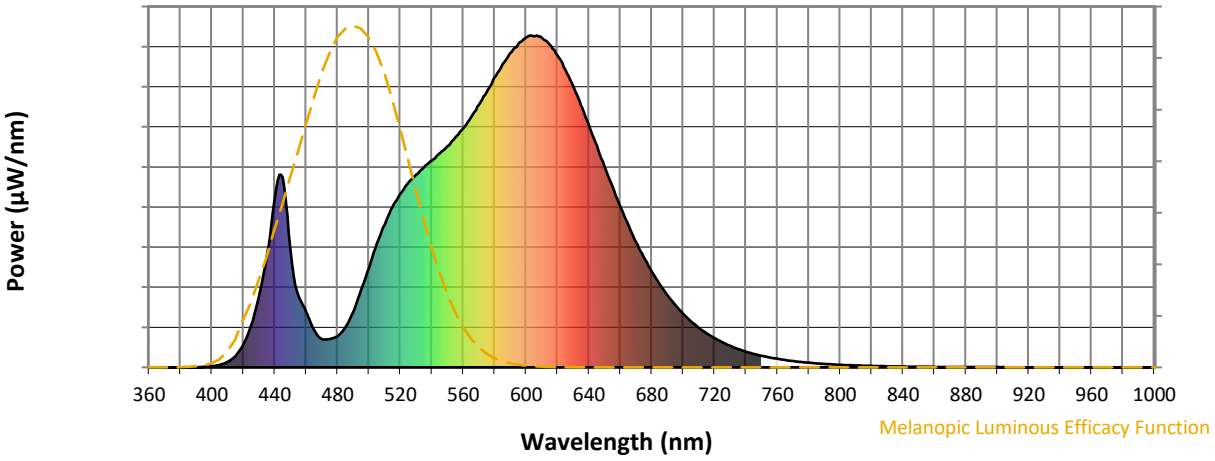


Scotopic Lumens: NR **S/P: 1.27**

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			

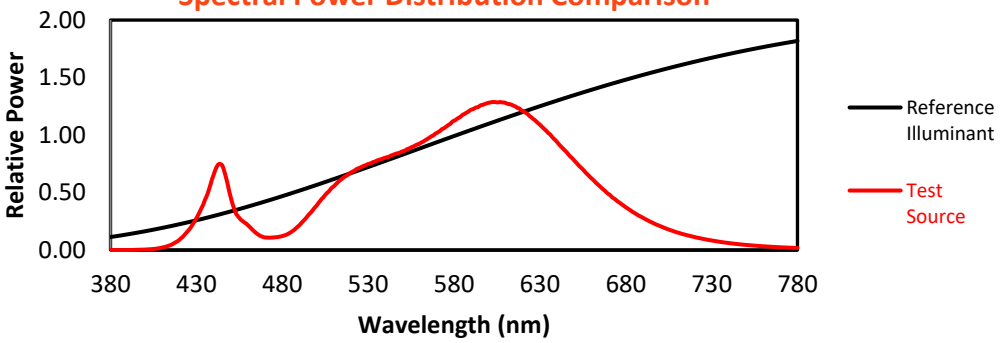
REPORT NUMBER: SP1-2408-195-9

TM-30-18

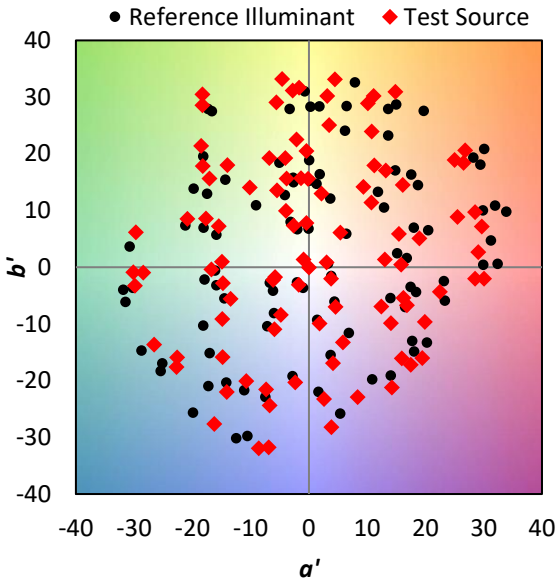
Summary

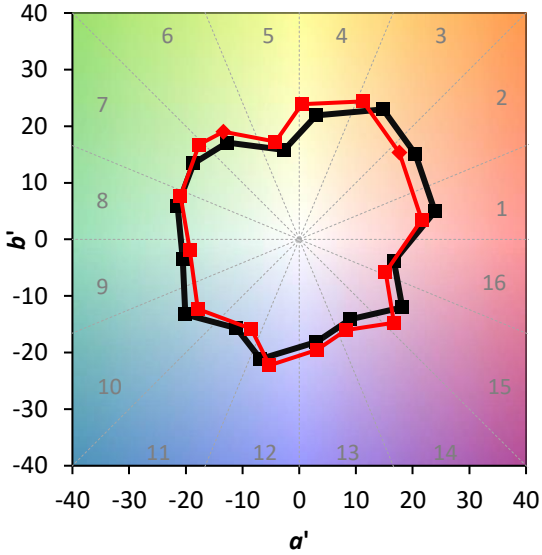
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R_g = 99.2
CIE R_a = 81.0
R_9 = 7.1

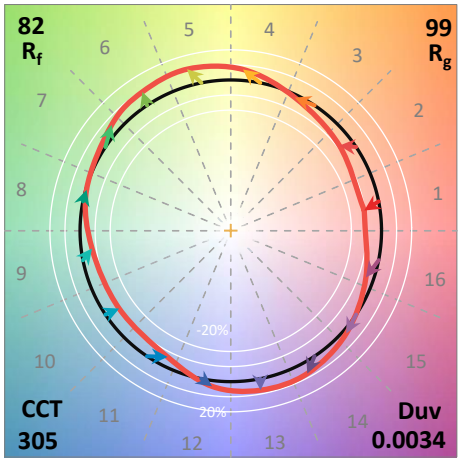
Spectral Power Distribution Comparison

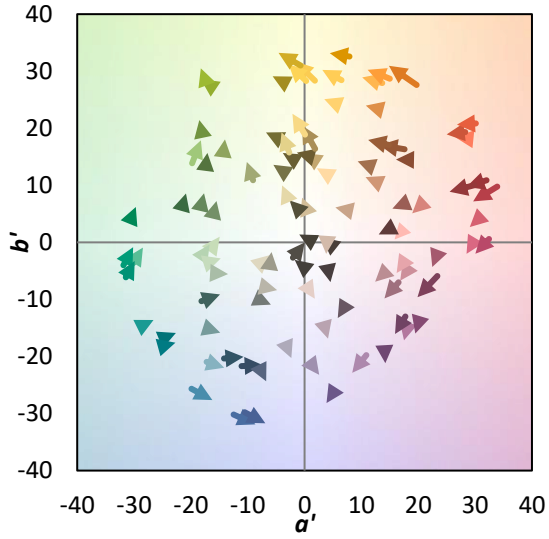


Color Vector Graphics







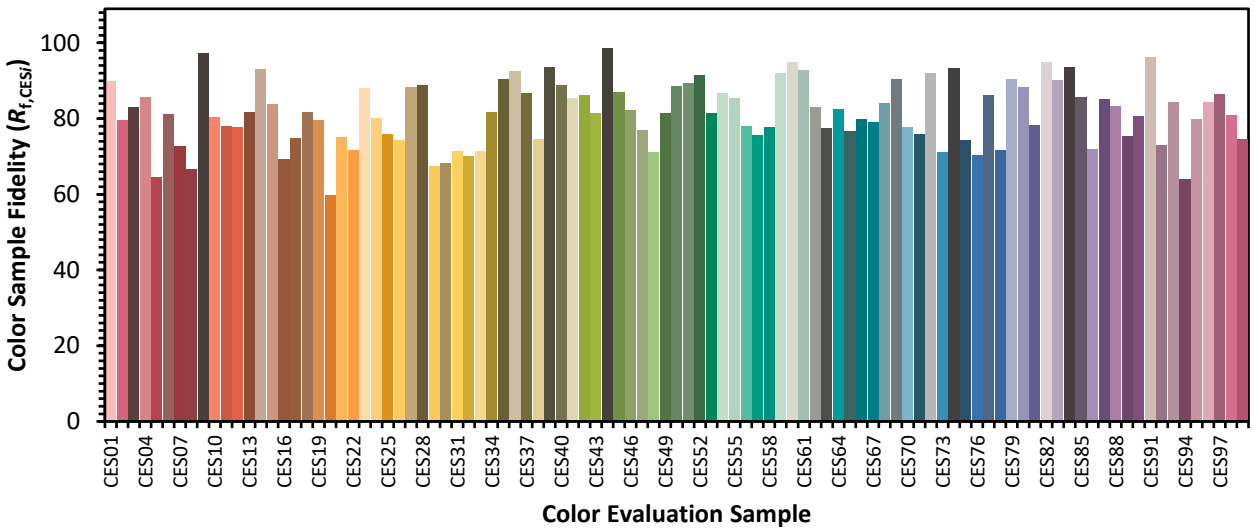


REPORT NUMBER: SP1-2408-195-9

TM-30-18

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

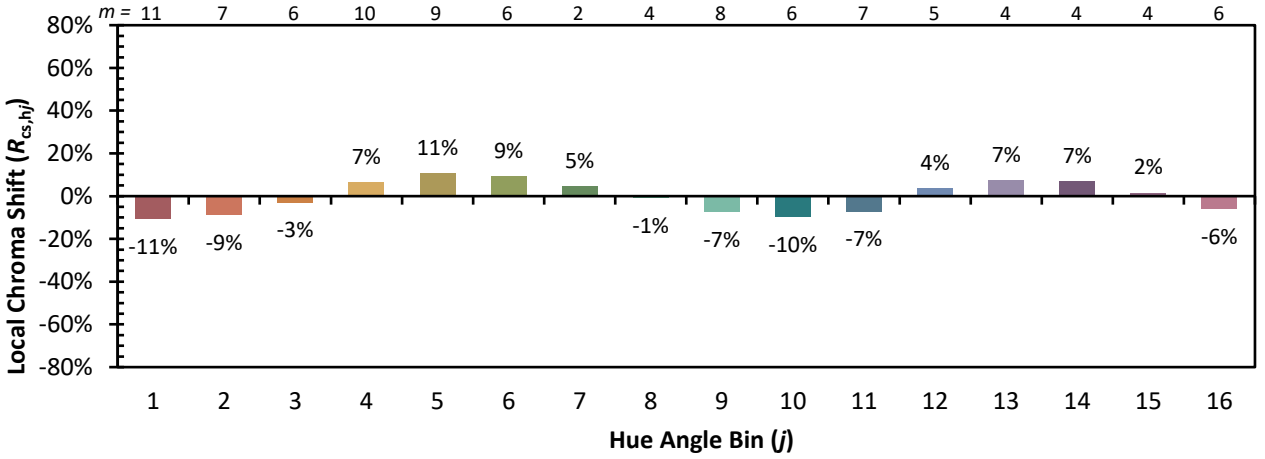
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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

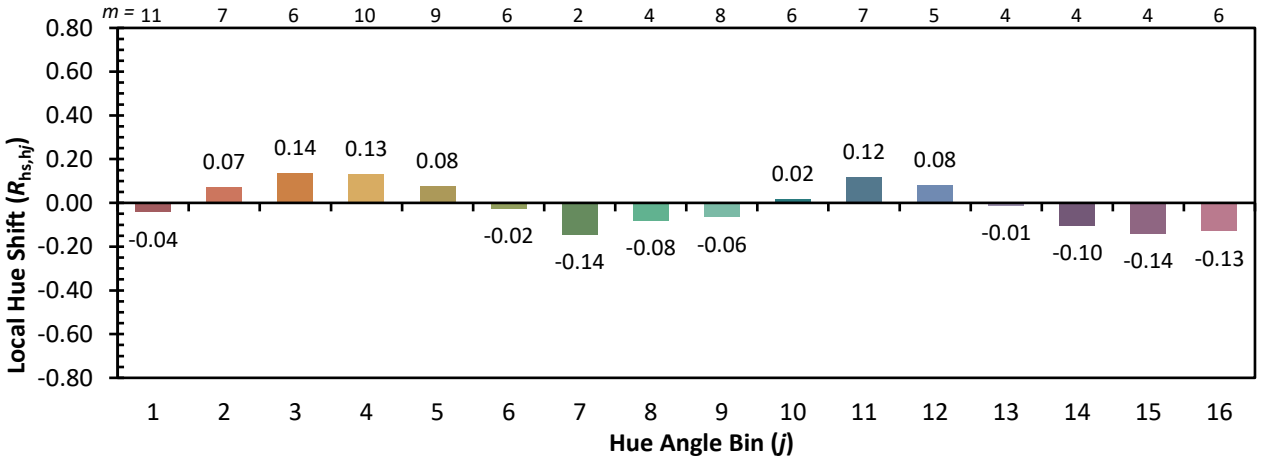


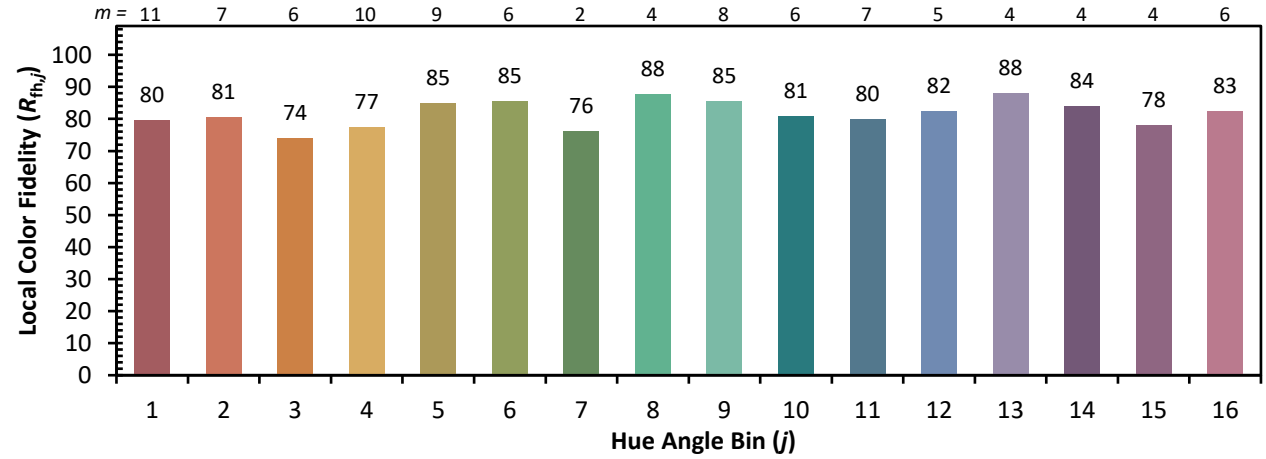
REPORT NUMBER: SP1-2408-195-9

TM-30-18

Color Rendition by Hue-Angle Bin



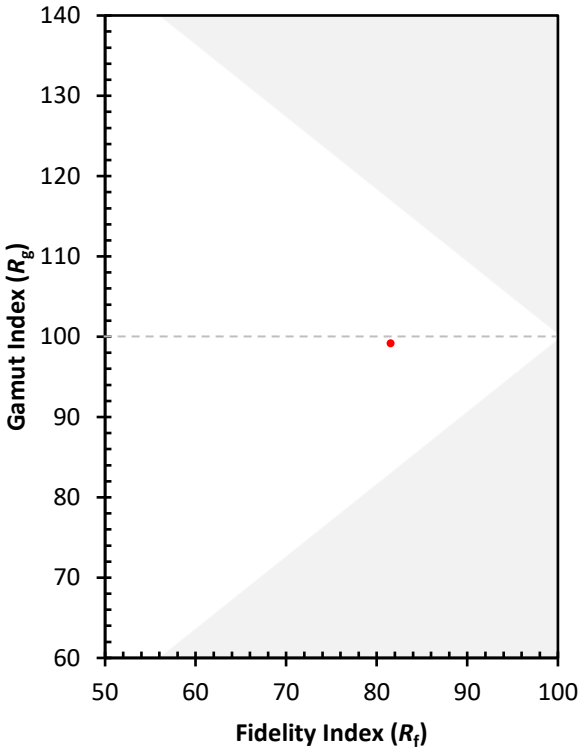


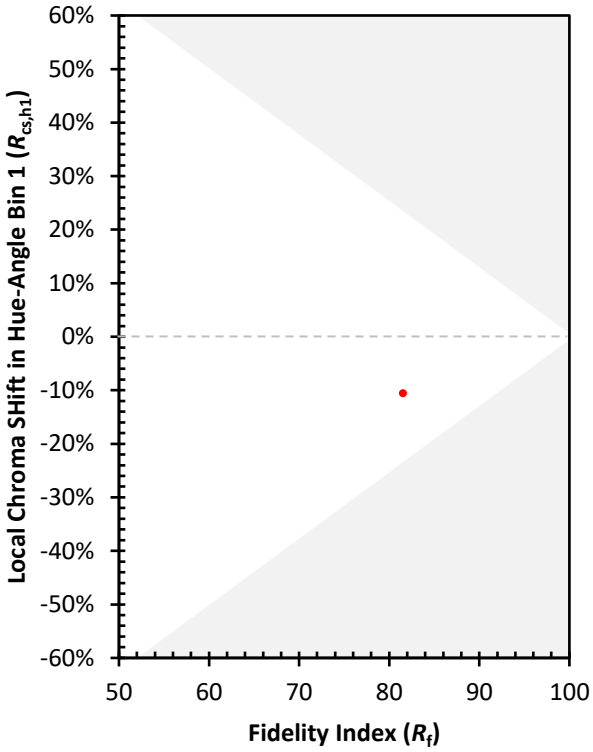


REPORT NUMBER: SP1-2408-195-9

TM-30-18

Measure Comparisons





(END OF REPORT)