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: P1502678

Luminaire Tested: GSS-SB3B-830-U-T4LG-HSS

Issue Date: 07/20/2026

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:	P1502678
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11428.3 lumens
Efficiency:	N/A
Efficacy:	104.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

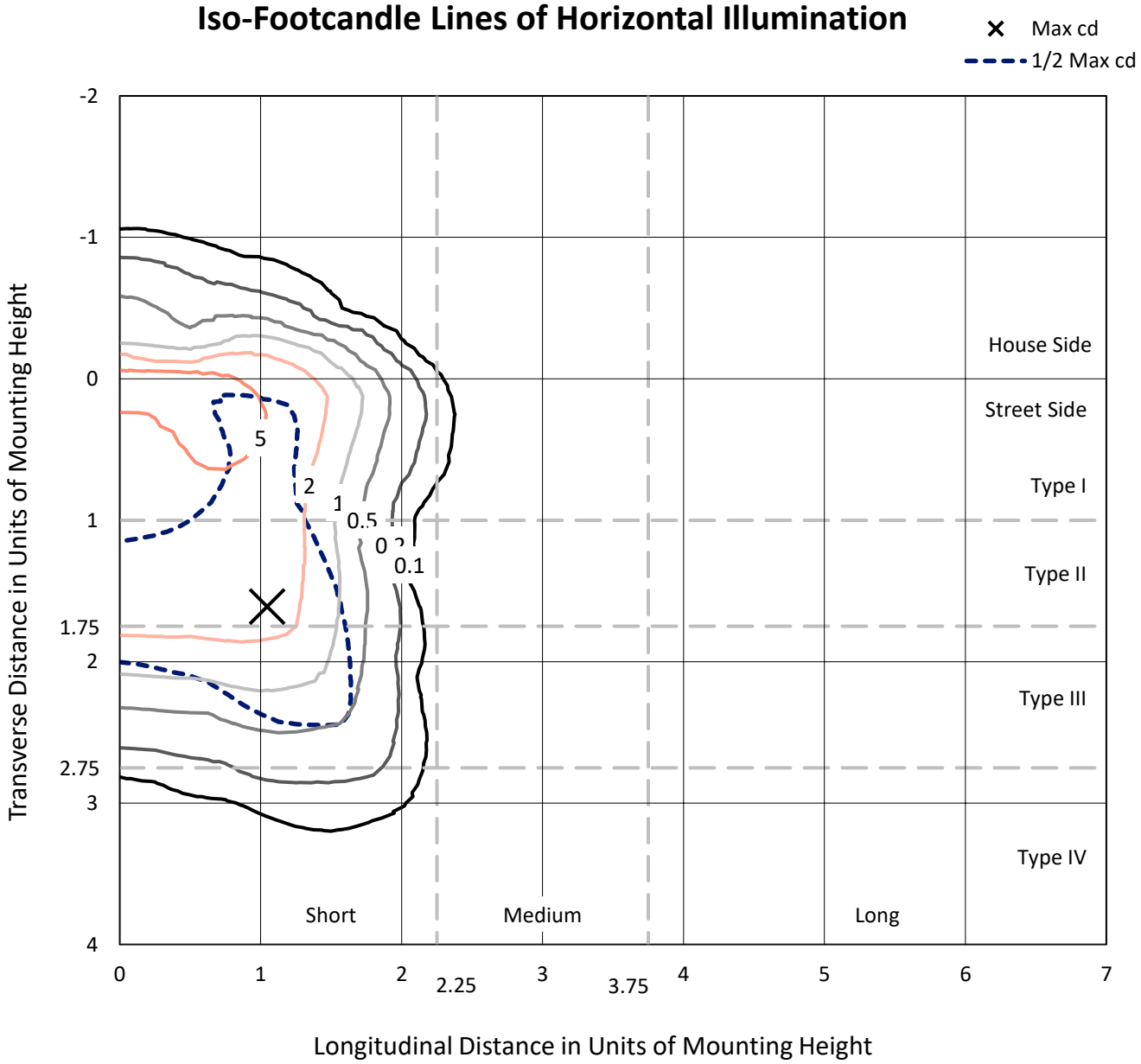
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502678
CATALOG NUMBER: GSS-SB3B-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



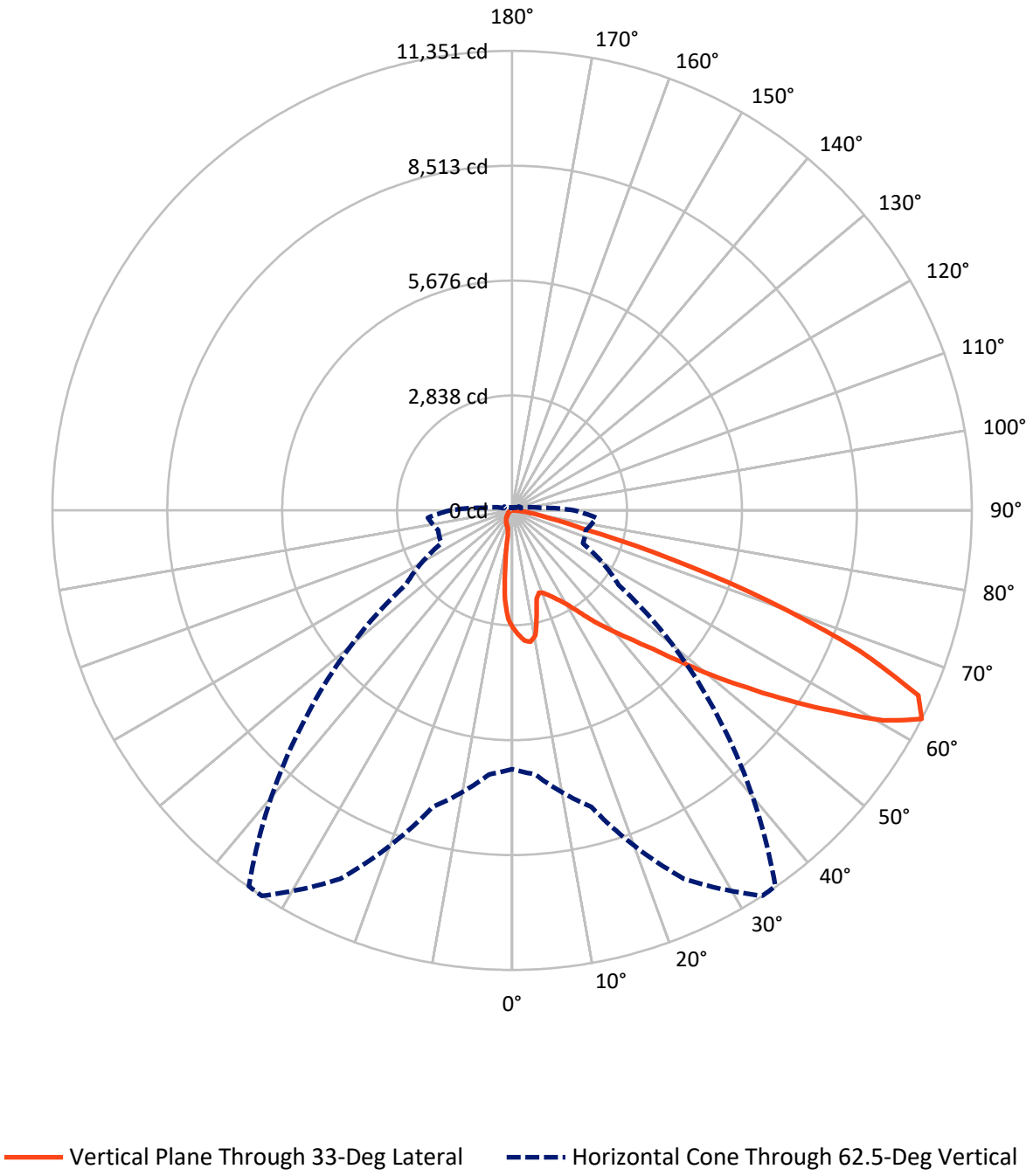
Based on 20 foot mounting height. Maximum calculated value = 8.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1502678
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Luminous Intensity Polar Plot



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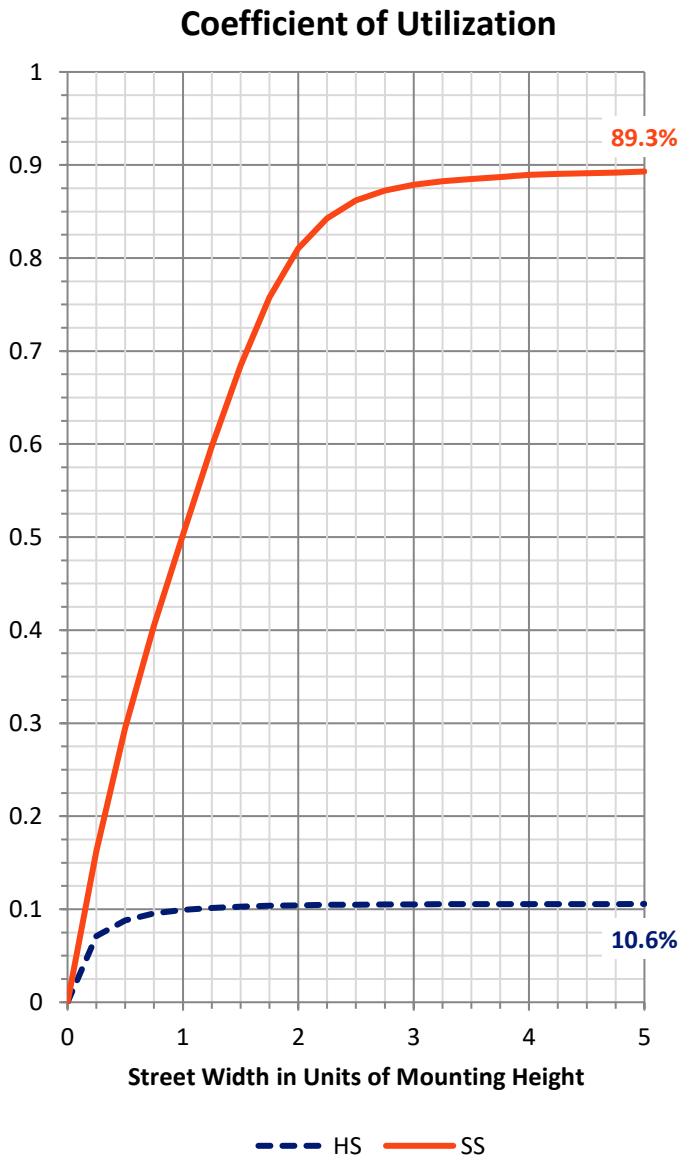
REPORT NUMBER: P1502678
CATALOG NUMBER: GSS-SB3B-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1216.1	0.0	1216.1
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	10212.3	0.0	10212.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	11428.3	0.0	11428.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	246.8	2.2
10°-20°	550.7	4.8
20°-30°	887.6	7.8
30°-40°	1476.7	12.9
40°-50°	2333.9	20.4
50°-60°	3135.6	27.4
60°-70°	2301.8	20.1
70°-80°	455.6	4.0
80°-90°	39.6	0.3
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°	11428.3	100.0
0°-180°	11428.3	100.0



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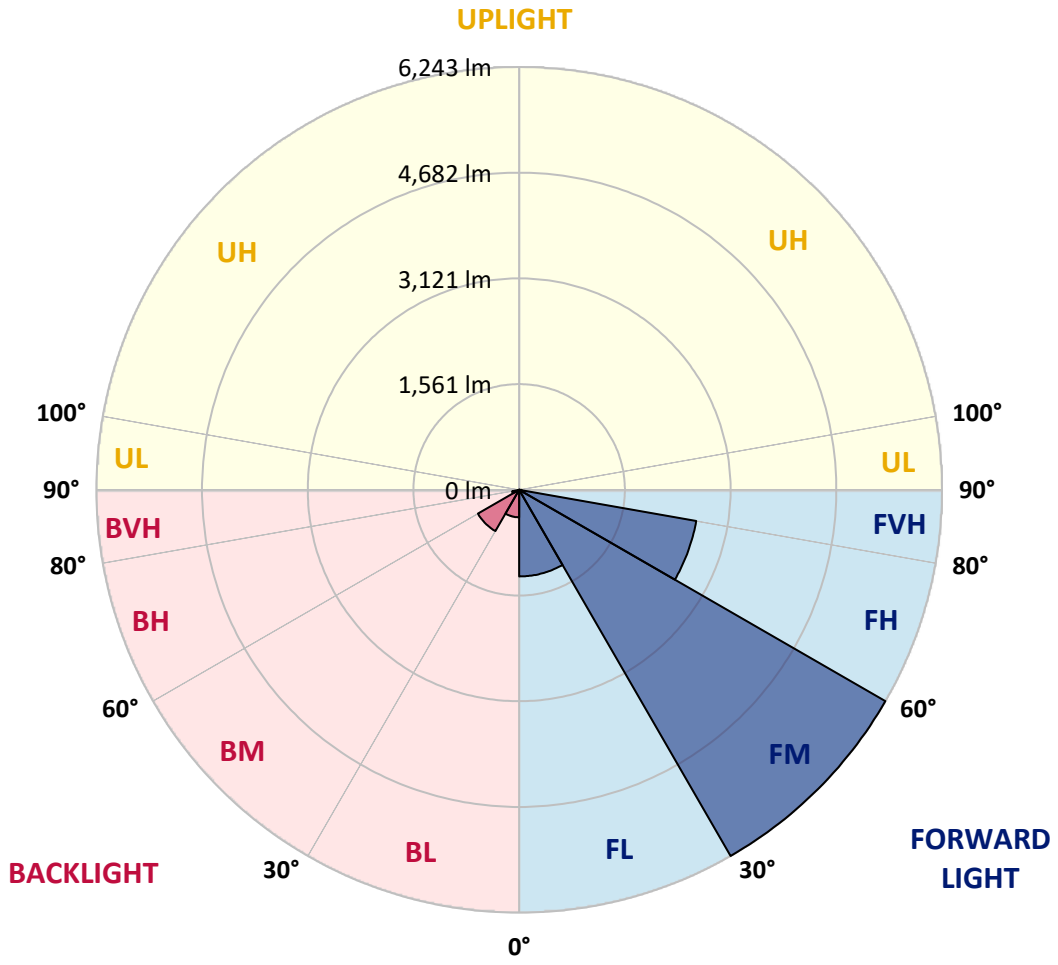
Scaled Data Report

REPORT NUMBER: P1502678
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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°)	1279.5	11.2			
FM	(30°-60°)	6242.7	54.6			
FH	(60°-80°)	2653.5	23.2			G2/5000
FVH	(80°-90°)	36.6	0.3			G1/100
BL	(0°-30°)	405.7	3.6	B1/500		
BM	(30°-60°)	703.4	6.2	B1/1000		
BH	(60°-80°)	103.9	0.9	B0/110		G0/110
BVH	(80°-90°)	3.0	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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9
2.5°	3092.8	3105.7	3105.7	3079.9	3073.5	3060.6	3047.7	3044.5	3002.7	2970.5	2938.3
5°	3250.5	3247.3	3244.1	3231.2	3234.4	3218.3	3208.7	3192.6	3121.8	3073.5	2986.6
7.5°	3182.9	3211.9	3224.8	3260.2	3276.2	3273.0	3298.8	3305.2	3244.1	3176.5	3044.5
10°	2742.0	2725.9	2841.8	2993.0	3144.3	3179.7	3318.1	3392.1	3369.6	3308.4	3137.9
12.5°	2172.4	2188.5	2268.9	2445.9	2693.7	2771.0	3170.0	3462.9	3527.3	3488.7	3266.6
15°	1988.9	1988.9	2030.8	2114.4	2262.5	2336.5	2828.9	3453.3	3694.6	3697.8	3427.5
17.5°	1950.3	1956.7	1992.1	2046.9	2143.4	2175.6	2519.9	3311.7	3858.8	3916.7	3607.7
20°	1956.7	1966.4	2005.0	2082.3	2175.6	2214.2	2439.5	3131.4	3997.2	4154.9	3797.6
22.5°	1979.3	1976.0	2043.6	2146.6	2265.7	2301.1	2507.1	3057.4	4113.0	4428.4	4019.7
25°	2005.0	2008.2	2095.1	2240.0	2384.8	2426.6	2658.3	3125.0	4196.7	4721.3	4245.0
27.5°	2082.3	2091.9	2198.1	2355.8	2526.4	2581.1	2854.6	3302.0	4341.5	5004.5	4489.6
30°	2201.3	2211.0	2333.3	2523.2	2706.6	2790.3	3099.2	3524.1	4557.1	5332.8	4740.6
32.5°	2339.7	2352.6	2510.3	2729.1	2951.2	3031.7	3379.2	3862.0	4843.6	5667.5	5001.3
35°	2513.5	2548.9	2719.5	2980.2	3279.5	3356.7	3723.6	4245.0	5216.9	5966.8	5223.3
37.5°	2751.7	2780.6	2989.8	3314.9	3617.4	3720.4	4109.8	4647.3	5554.8	6233.9	5403.6
40°	3041.3	3067.1	3302.0	3656.0	3971.4	4058.3	4515.3	5052.8	5918.5	6381.9	5442.2
42.5°	3524.1	3594.9	3742.9	4042.2	4380.1	4489.6	4965.9	5445.4	6182.4	6410.9	5381.0
45°	4367.3	4389.8	4422.0	4563.6	4888.6	4985.2	5442.2	5786.5	6340.1	6417.3	5326.3
47.5°	5175.1	5252.3	5297.4	5361.7	5558.0	5593.4	5941.0	6092.3	6465.6	6394.8	5326.3
50°	5982.9	6040.8	6118.0	6195.3	6404.5	6417.3	6468.8	6298.3	6472.0	6211.4	5294.1
52.5°	6716.6	6735.9	6867.9	7015.9	7276.6	7347.4	6958.0	6449.5	6082.6	5632.1	5142.9
55°	7373.2	7398.9	7598.5	7901.0	8274.3	8367.6	7556.6	6156.6	5249.1	4882.2	4792.1
57.5°	7798.0	7859.1	8258.2	8924.4	9346.0	9304.2	8020.1	5471.1	4216.0	3993.9	4170.9
60°	7585.6	7669.3	8509.2	9783.7	10533.6	10411.3	7891.3	4502.4	3115.3	2954.4	3302.0
62.5°	6391.6	6546.1	7585.6	10037.9	11351.0	11331.7	7164.0	3211.9	1931.0	1889.2	2085.5
65°	4444.5	4711.6	5944.2	9188.3	11022.7	11051.7	6031.1	1869.8	894.7	1110.3	1219.7
67.5°	2619.7	2809.6	3829.8	7501.9	9249.5	8982.3	4100.1	865.7	447.3	675.8	646.9
70°	1152.2	1280.9	2194.9	5197.6	6739.2	6307.9	2001.8	421.6	341.1	408.7	357.2
72.5°	634.0	691.9	1155.4	2745.2	4100.1	3897.4	675.8	280.0	292.9	305.7	257.5
75°	354.0	379.8	608.3	1586.6	1802.3	1676.7	328.3	183.4	247.8	247.8	189.9
77.5°	206.0	228.5	379.8	988.0	988.0	798.1	199.5	115.9	186.7	167.4	103.0
80°	96.5	109.4	209.2	547.1	624.4	514.9	112.6	80.5	122.3	106.2	67.6
82.5°	29.0	35.4	103.0	212.4	354.0	302.5	57.9	51.5	90.1	67.6	38.6
85°	19.3	22.5	51.5	86.9	173.8	151.3	19.3	16.1	38.6	32.2	16.1
87.5°	3.2	3.2	6.4	6.4	6.4	6.4	3.2	3.2	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

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Scaled Data Report

REPORT NUMBER: P1502678
CATALOG NUMBER: GSS-SB3B-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9	2902.9
2.5°	2919.0	2896.5	2845.0	2796.7	2771.0	2713.0	2690.5	2664.8	2651.9	2648.7	2629.4
5°	2931.9	2890.1	2761.3	2632.6	2497.4	2368.7	2236.7	2120.9	2027.5	2030.8	2034.0
7.5°	2970.5	2886.8	2661.6	2404.1	2114.4	1779.7	1422.5	1155.4	984.8	949.4	917.2
10°	3022.0	2899.7	2539.3	2062.9	1493.3	939.7	663.0	566.4	524.6	514.9	518.1
12.5°	3118.6	2931.9	2384.8	1593.1	827.1	540.7	479.5	463.4	457.0	457.0	457.0
15°	3237.6	2976.9	2143.4	1042.7	540.7	450.6	437.7	434.5	428.0	428.0	431.3
17.5°	3337.4	2976.9	1824.8	679.1	444.1	418.4	408.7	405.5	405.5	408.7	405.5
20°	3446.8	2954.4	1467.6	511.7	411.9	389.4	383.0	383.0	383.0	386.2	386.2
22.5°	3559.5	2915.8	1136.1	437.7	383.0	363.7	360.5	363.7	366.9	370.1	370.1
25°	3685.0	2867.5	897.9	405.5	357.2	341.1	341.1	341.1	344.4	350.8	354.0
27.5°	3823.4	2825.7	769.2	386.2	334.7	318.6	318.6	321.8	328.3	331.5	334.7
30°	3952.1	2825.7	727.3	395.9	325.1	305.7	299.3	302.5	309.0	315.4	315.4
32.5°	4113.0	2857.9	749.9	437.7	321.8	286.4	280.0	280.0	286.4	289.6	289.6
35°	4248.2	2919.0	827.1	495.6	334.7	270.3	257.5	254.2	260.7	257.5	260.7
37.5°	4357.6	3002.7	968.7	572.9	360.5	251.0	234.9	225.3	225.3	225.3	225.3
40°	4389.8	3086.4	1148.9	624.4	357.2	228.5	206.0	196.3	193.1	189.9	189.9
42.5°	4344.7	3125.0	1293.8	621.1	318.6	212.4	183.4	170.6	160.9	157.7	157.7
45°	4309.3	3144.3	1345.3	540.7	289.6	193.1	164.1	148.0	138.4	135.2	132.0
47.5°	4312.5	3163.6	1268.0	440.9	263.9	177.0	148.0	132.0	122.3	119.1	115.9
50°	4325.4	3131.4	1074.9	366.9	241.4	160.9	132.0	119.1	109.4	106.2	103.0
52.5°	4190.3	2960.9	756.3	321.8	222.1	151.3	119.1	109.4	99.8	96.5	96.5
55°	3836.2	2552.1	511.7	286.4	206.0	138.4	109.4	103.0	93.3	86.9	86.9
57.5°	3269.8	1924.6	354.0	260.7	180.2	125.5	103.0	93.3	83.7	77.2	77.2
60°	2500.6	1255.1	257.5	238.2	148.0	115.9	96.5	90.1	77.2	70.8	67.6
62.5°	*1522.3*	*704.8*	*209.2*	*209.2*	*125.5*	*109.4*	*86.9*	*80.5*	*67.6*	*57.9*	*54.7*
65°	881.8	415.2	170.6	177.0	109.4	99.8	77.2	67.6	54.7	45.1	41.8
67.5°	424.8	241.4	135.2	125.5	96.5	83.7	67.6	57.9	48.3	38.6	35.4
70°	260.7	186.7	103.0	90.1	77.2	64.4	54.7	51.5	41.8	32.2	32.2
72.5°	212.4	151.3	80.5	64.4	57.9	45.1	45.1	41.8	32.2	25.7	22.5
75°	167.4	112.6	61.1	45.1	35.4	35.4	32.2	29.0	25.7	19.3	19.3
77.5°	90.1	77.2	45.1	25.7	19.3	22.5	22.5	19.3	16.1	12.9	12.9
80°	57.9	45.1	25.7	12.9	12.9	12.9	12.9	9.7	9.7	6.4	6.4
82.5°	29.0	22.5	12.9	3.2	6.4	6.4	6.4	6.4	6.4	3.2	3.2
85°	6.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
87.5°	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

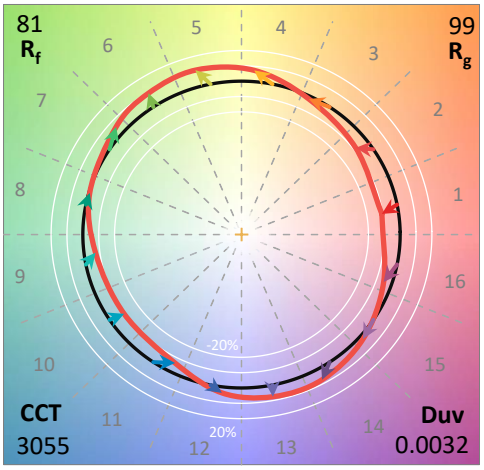
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

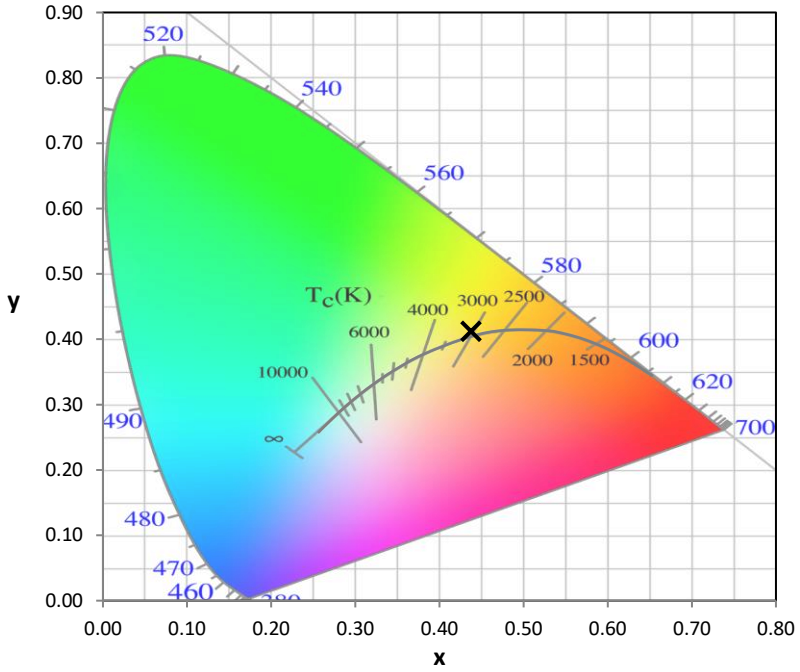
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

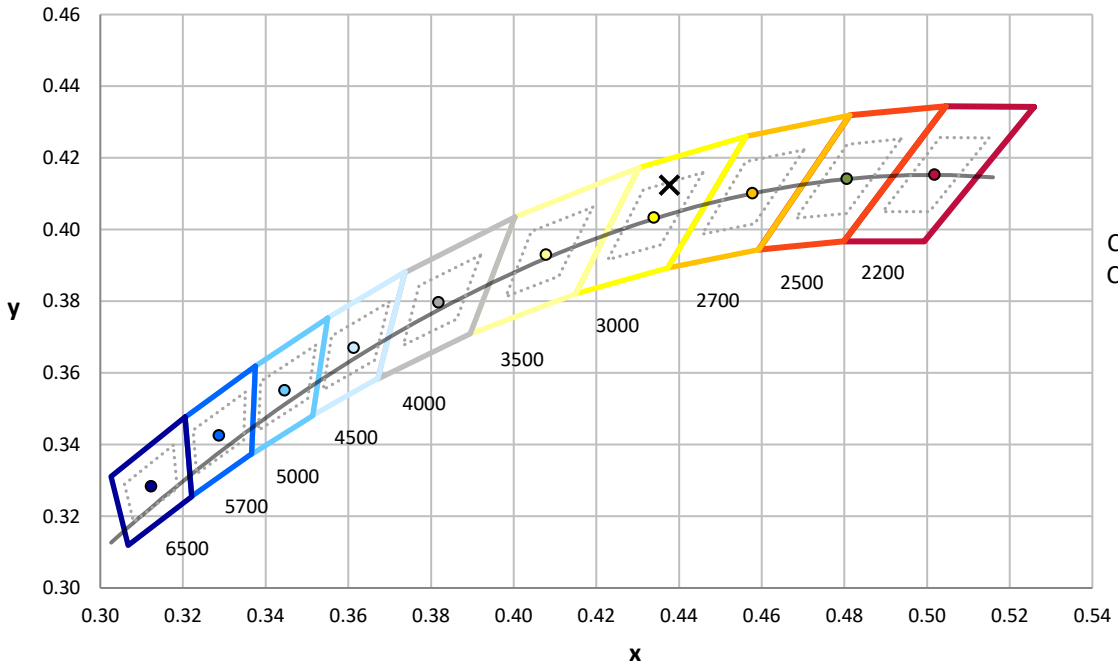
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

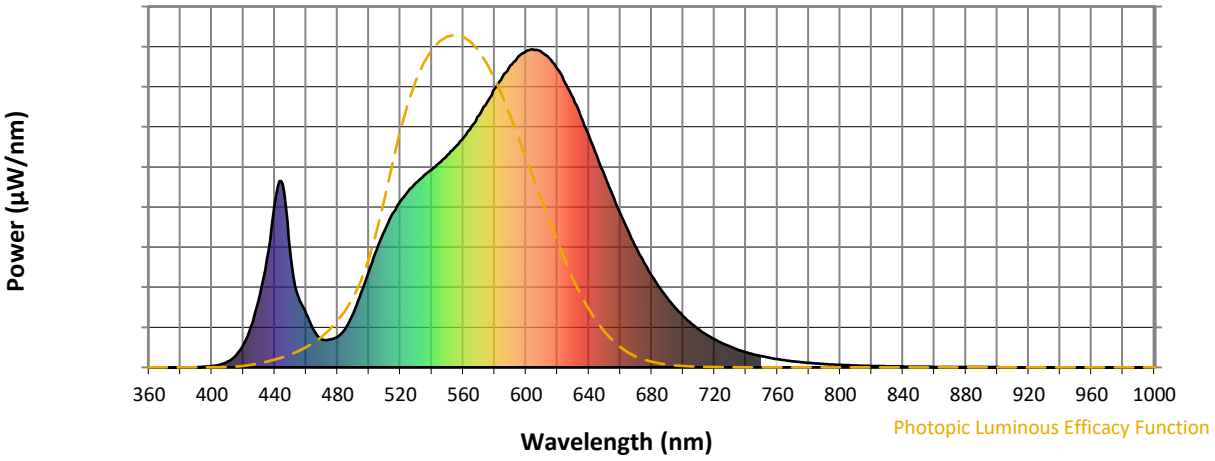


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

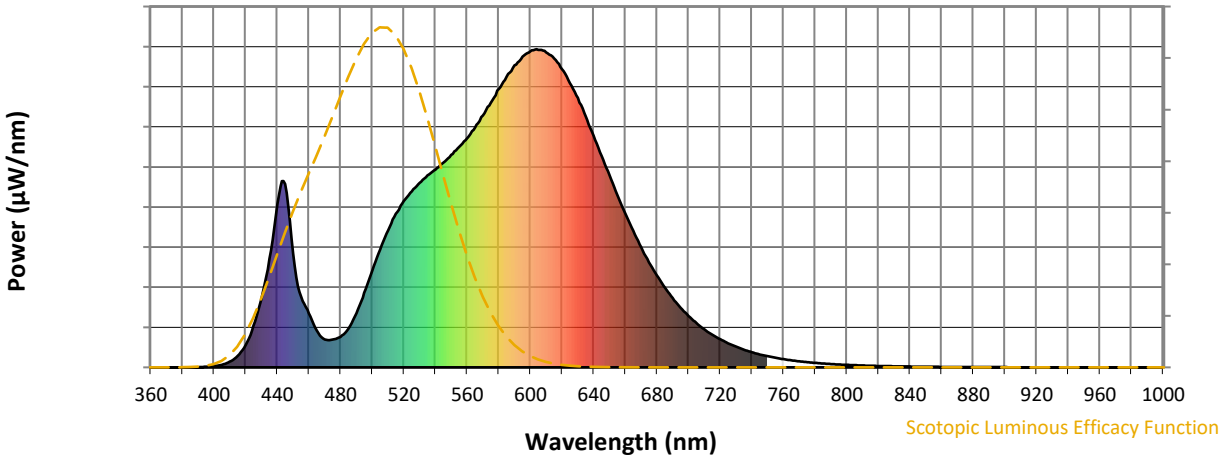


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength

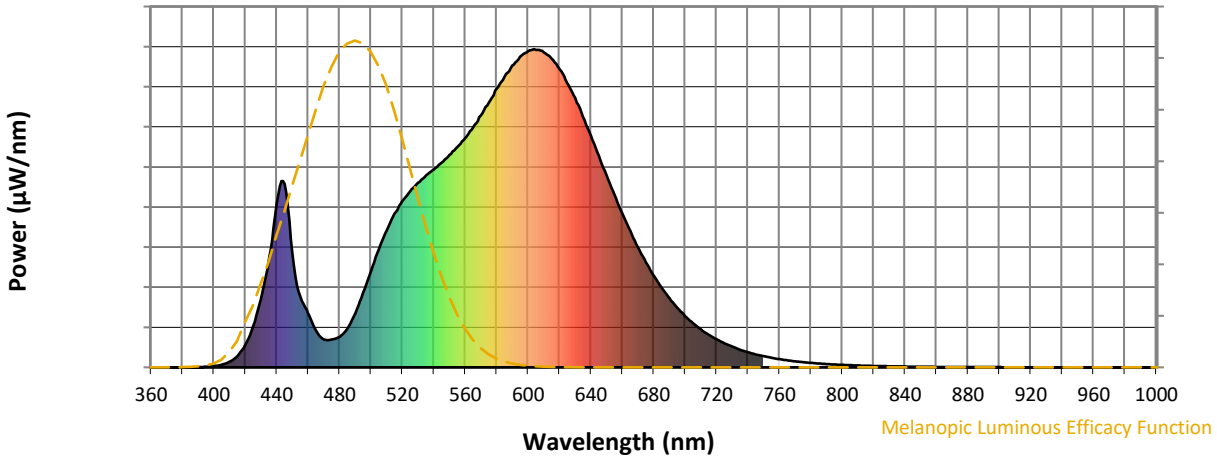


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

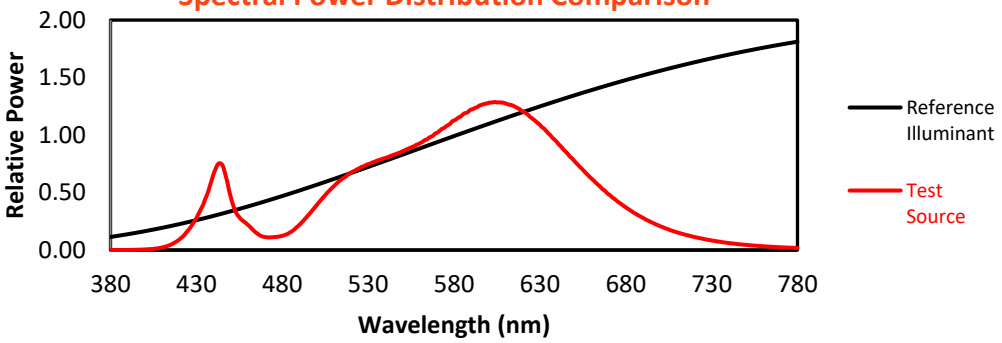
REPORT NUMBER: SP1-2407-184-9

TM-30-18

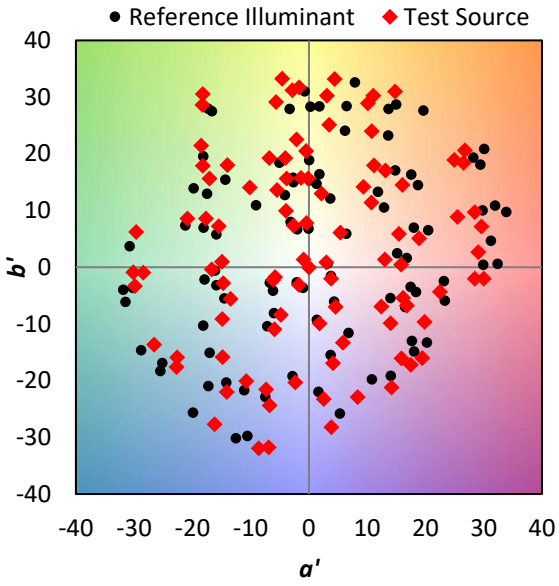
Summary

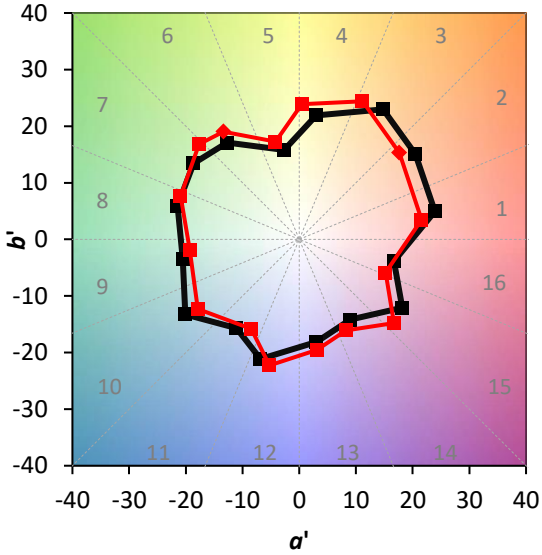
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

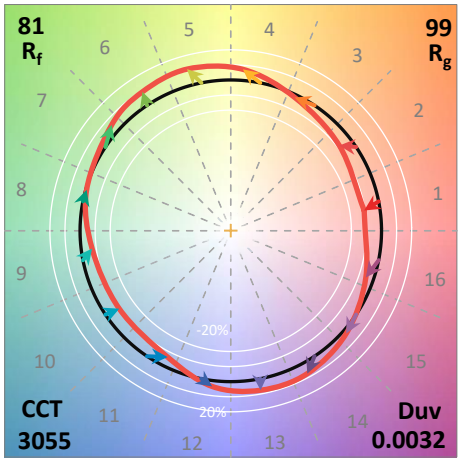
Spectral Power Distribution Comparison

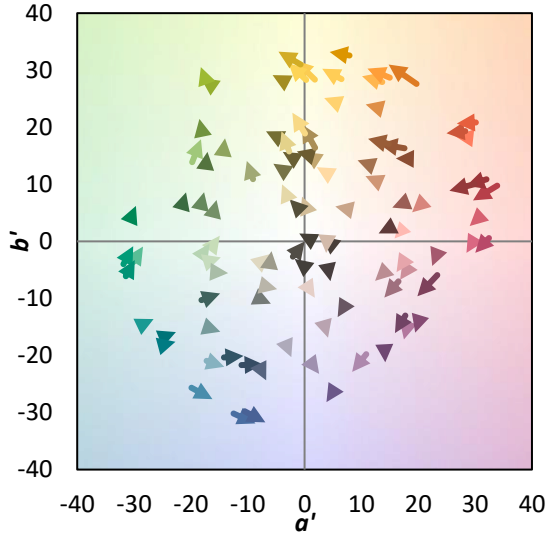


Color Vector Graphics







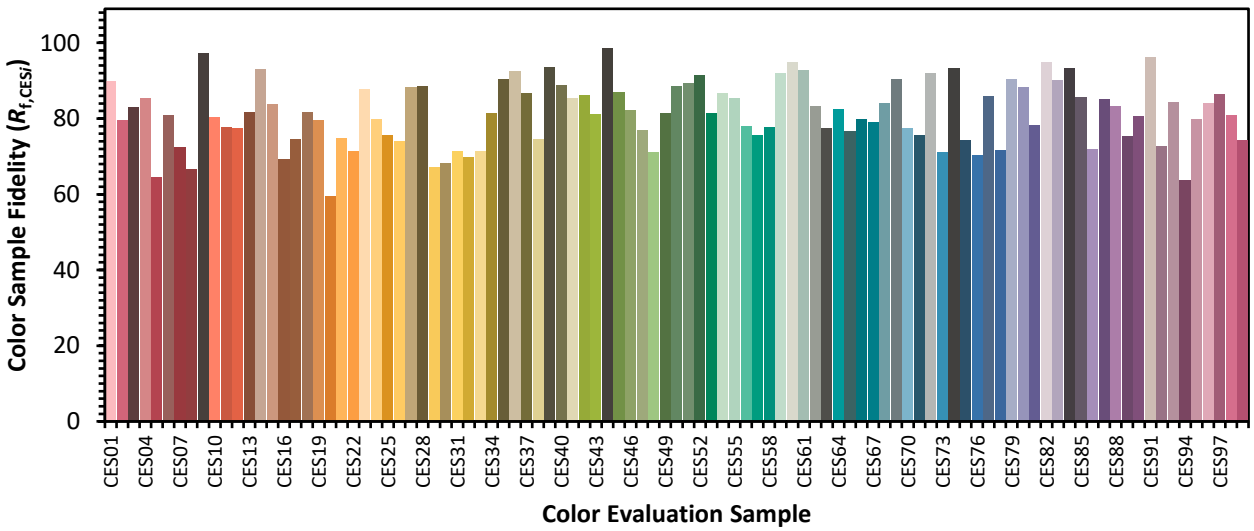


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

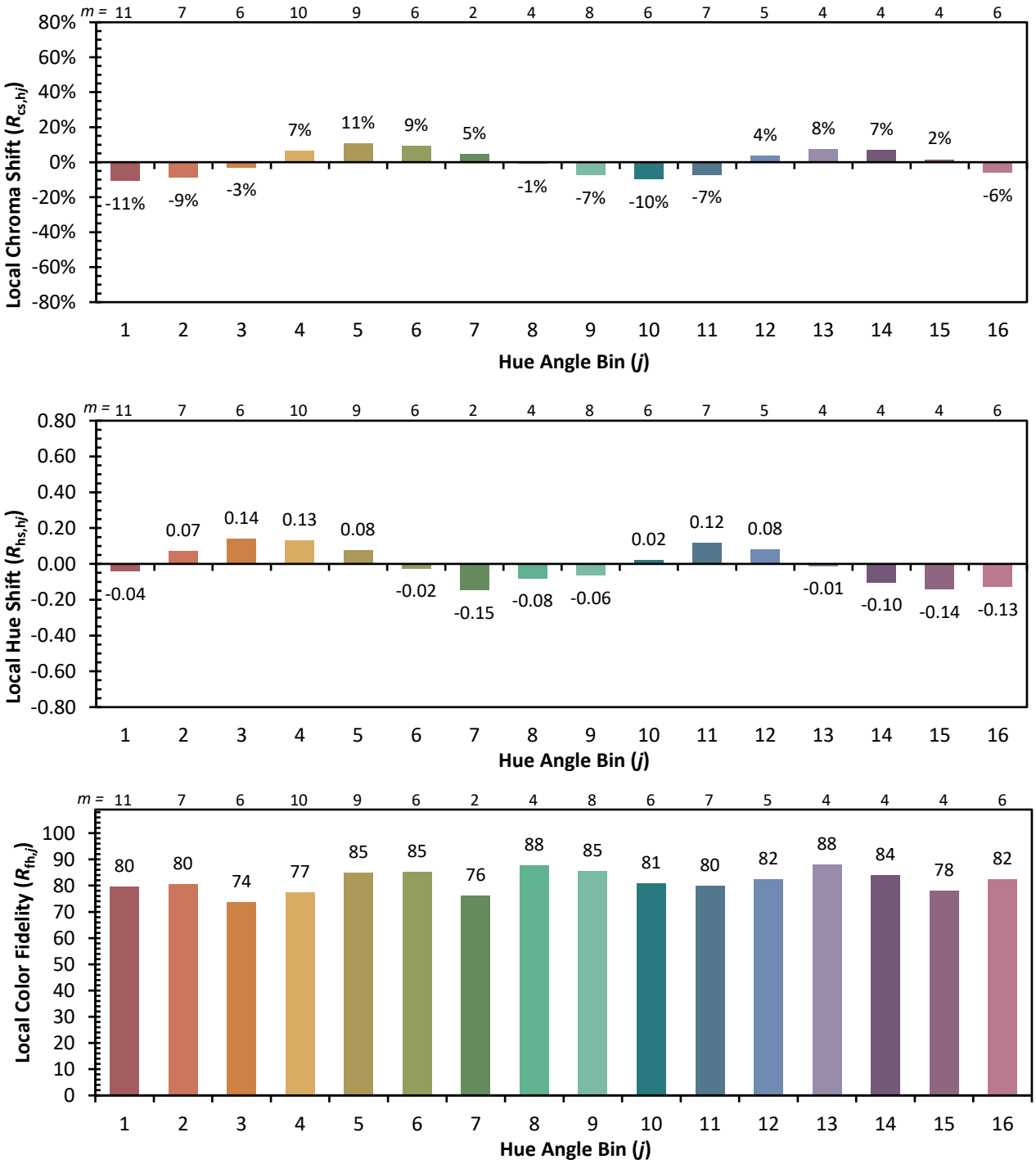
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
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 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	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: SP1-2407-184-9

TM-30-18

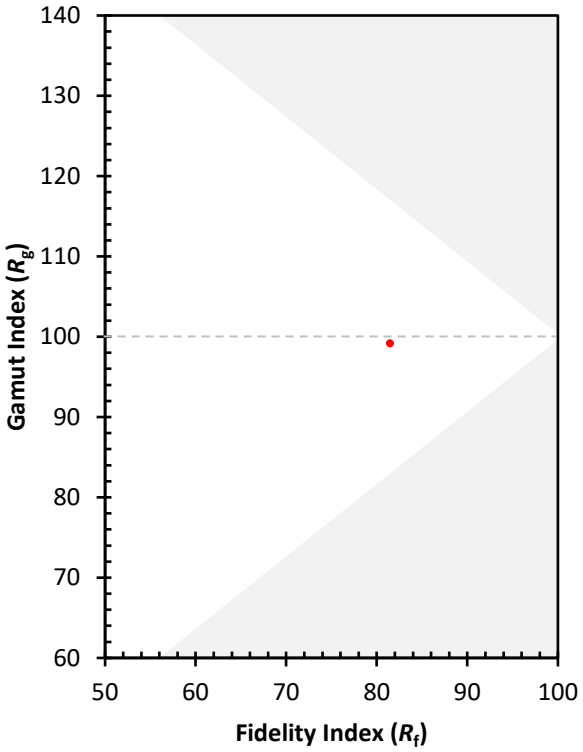
Color Rendition by Hue-Angle Bin

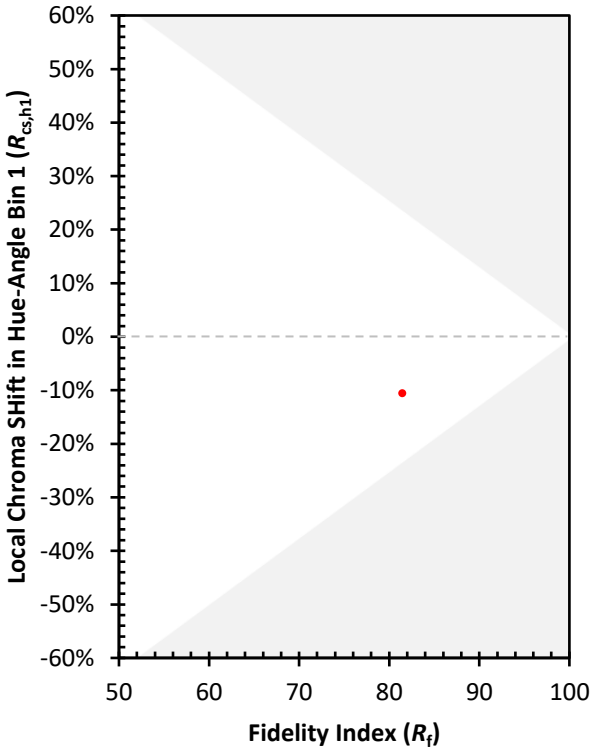


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





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