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: P1502299

Luminaire Tested: GSS-SB4C-830-U-T3LG-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:	P1502299
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-830-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21752.8 lumens
Efficiency:	N/A
Efficacy:	106.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

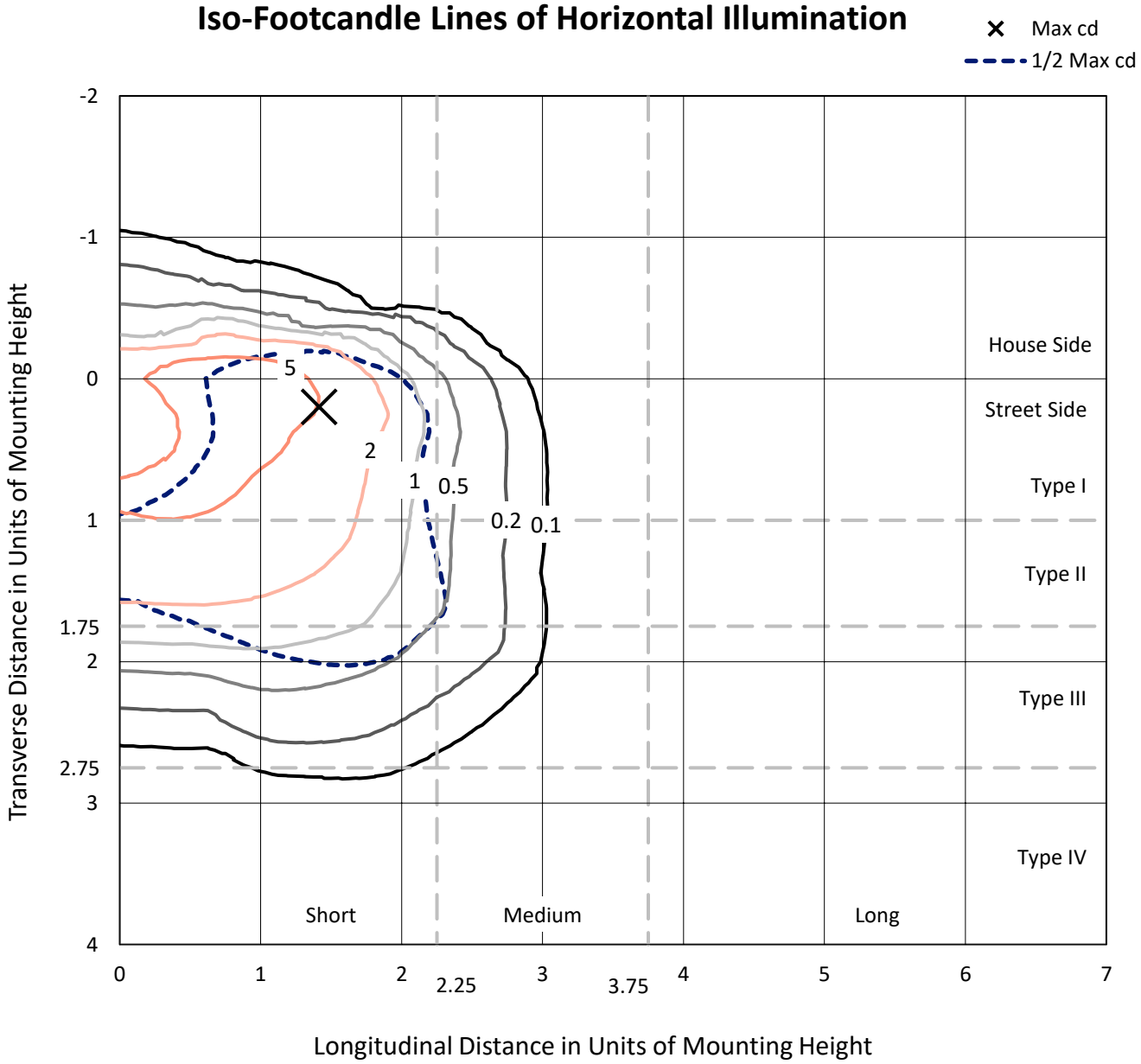
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502299
CATALOG NUMBER: GSS-SB4C-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



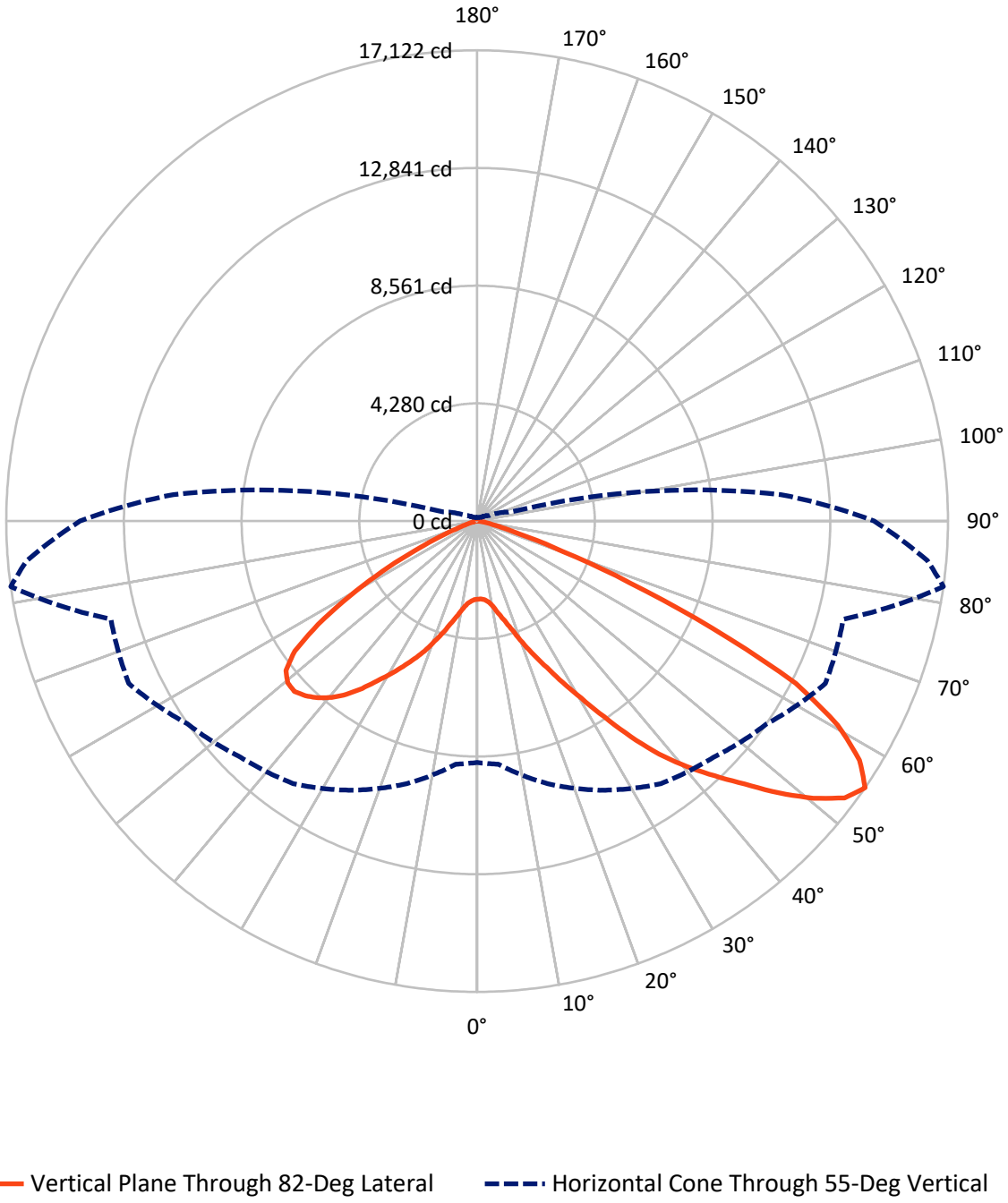
Based on 25 foot mounting height. Maximum calculated value = 8.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502299
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Luminous Intensity Polar Plot



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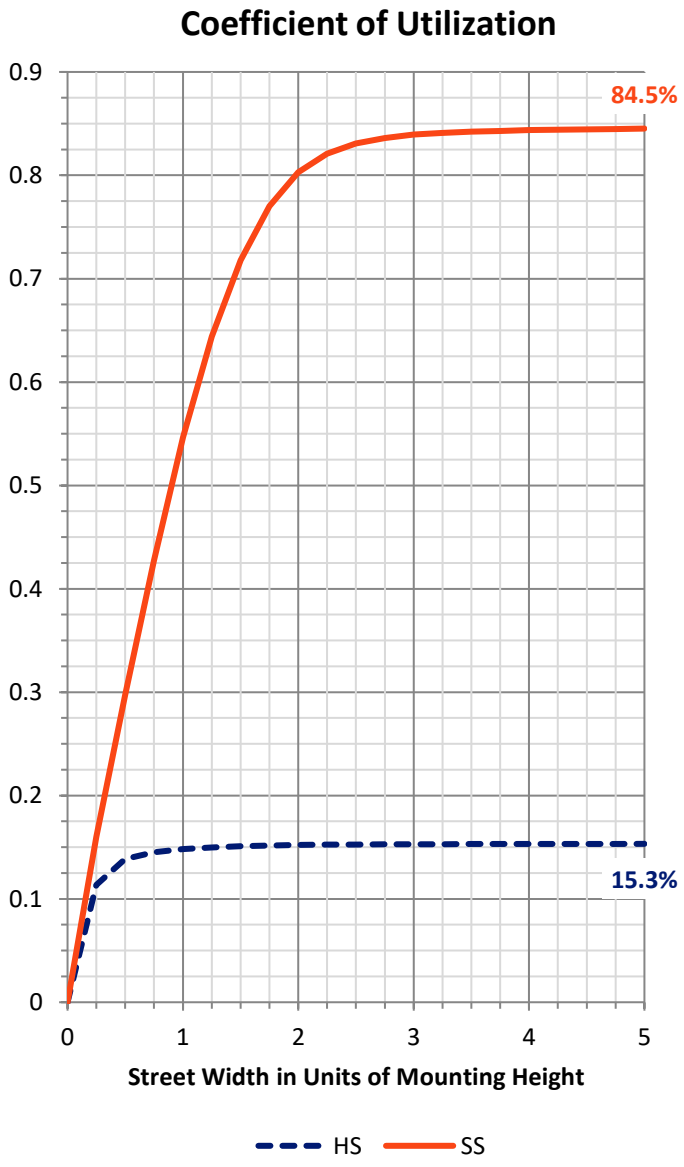
REPORT NUMBER: P1502299
CATALOG NUMBER: GSS-SB4C-830-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3362.3	0.0	3362.3
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	18390.6	0.0	18390.6
	% Fixture	84.5	0.0	84.5
Total	Lumens	21752.8	0.0	21752.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	257.5	1.2
10°-20°	696.9	3.2
20°-30°	1393.1	6.4
30°-40°	2884.8	13.3
40°-50°	4819.2	22.2
50°-60°	6112.2	28.1
60°-70°	4569.3	21.0
70°-80°	967.8	4.4
80°-90°	52.1	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°	21752.8	100.0
0°-180°	21752.8	100.0



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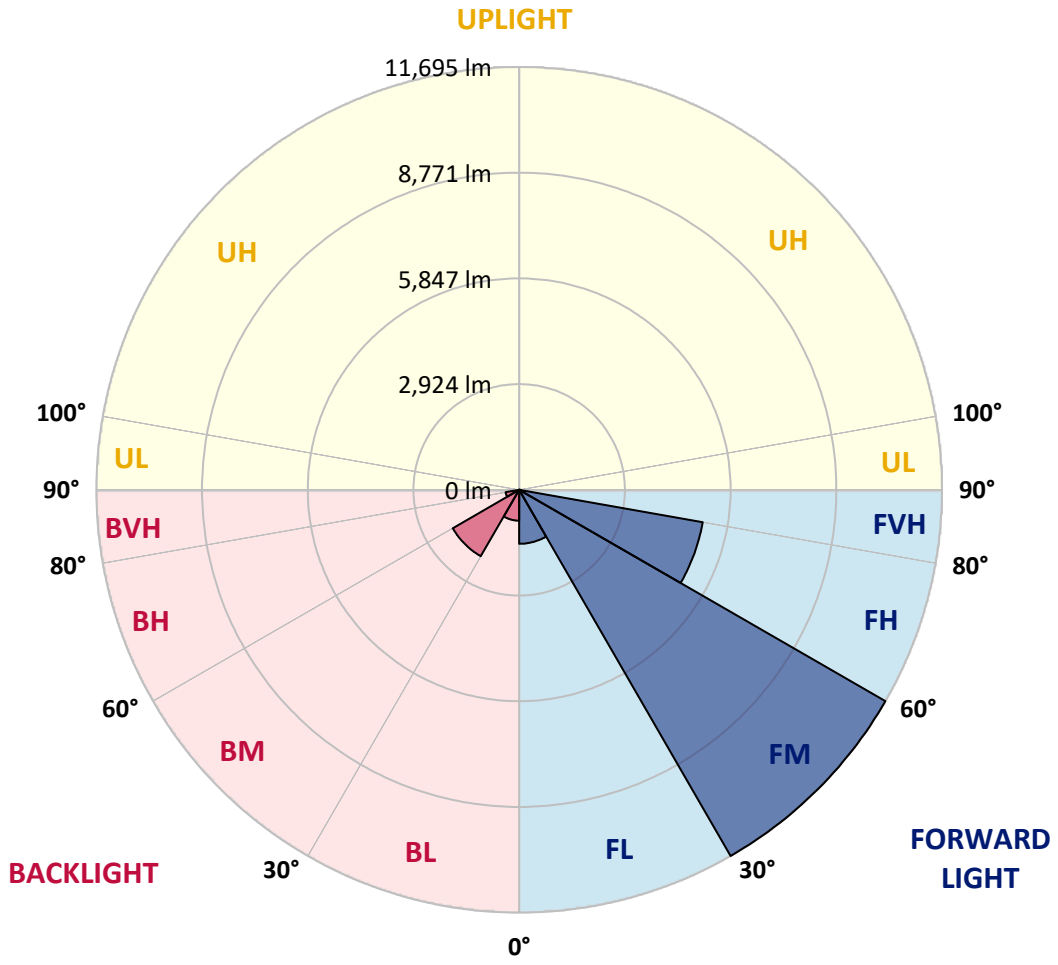
Scaled Data Report

REPORT NUMBER: P1502299
CATALOG NUMBER: GSS-SB4C-830-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1493.9	6.9			
FM	(30°-60°)	11694.7	53.8			
FH	(60°-80°)	5155.4	23.7			G3/7500
FVH	(80°-90°)	46.6	0.2			G1/100
BL	(0°-30°)	853.5	3.9	B2/1000		
BM	(30°-60°)	2121.5	9.8	B2/2500		
BH	(60°-80°)	381.8	1.8	B1/500		G1/500
BVH	(80°-90°)	5.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	2839.8	2839.8	2839.8	2839.8	2839.8	2839.8	2839.8	2839.8	2839.8	*2839.8*	2839.8
2.5°	2763.1	2769.0	2757.2	2763.1	2774.9	2769.0	2792.6	2810.3	2828.0	*2833.9*	2839.8
5°	2521.0	2526.9	2532.8	2580.0	2609.6	2680.4	2745.4	2786.7	2845.7	*2875.2*	2881.2
7.5°	2231.7	2231.7	2255.3	2314.4	2391.1	2526.9	2674.5	2792.6	2904.8	*2963.8*	2975.6
10°	2178.6	2184.5	2184.5	2225.8	2290.8	2426.5	2615.5	2851.6	3052.4	*3140.9*	3170.4
12.5°	2190.4	2196.3	2202.2	2243.5	2308.5	2426.5	2668.6	2975.6	3288.5	*3436.1*	3453.8
15°	2219.9	2231.7	2249.4	2302.6	2373.4	2526.9	2780.8	3152.7	3571.9	*3760.8*	3808.1
17.5°	2308.5	2314.4	2343.9	2402.9	2515.1	2668.6	2946.1	3383.0	3967.5	*4174.1*	4262.7
20°	2444.3	2456.1	2497.4	2580.0	2709.9	2904.8	3211.8	3684.1	4392.6	*4711.4*	4782.2
22.5°	2615.5	2615.5	2674.5	2804.4	2987.4	3205.9	3577.8	4085.6	4912.1	*5284.1*	5402.2
25°	2898.9	2893.0	2940.2	3087.8	3306.2	3625.1	4002.9	4563.8	5455.3	*5898.1*	6022.1
27.5°	3548.3	3530.6	3512.9	3518.8	3707.7	4115.1	4552.0	5166.0	6128.4	*6647.9*	6742.4
30°	4304.0	4327.6	4304.0	4245.0	4274.5	4652.4	5195.5	5904.0	6884.1	*7468.6*	7592.5
32.5°	4965.3	4977.1	5077.4	5142.4	5166.0	5343.1	5939.4	6795.5	7846.4	*8484.0*	8643.5
35°	5685.6	5703.3	5815.4	5951.2	6163.8	6323.2	6872.3	7828.7	8826.5	*9629.4*	9747.5
37.5°	6523.9	6553.4	6701.0	6895.9	7191.1	7557.1	7852.3	8767.4	9824.3	*10751.2*	10875.2
40°	7261.9	7356.4	7610.3	7858.2	8171.1	8584.4	8779.2	9588.1	10562.3	*11743.1*	11949.7
42.5°	7958.6	8011.7	8419.1	8802.9	9174.8	9511.3	9700.3	10231.6	11217.6	*12664.1*	12894.3
45°	8537.2	8578.5	9033.1	9540.9	10001.4	10337.9	10367.4	10857.5	11867.0	*13638.2*	13815.4
47.5°	8891.4	8956.4	9540.9	10119.5	10627.2	10940.1	10892.9	11654.5	12575.5	*14771.8*	14795.4
50°	9104.0	9145.3	9741.6	10491.4	11117.2	11335.7	11436.1	12416.1	13219.1	*15846.3*	15704.6
52.5°	9257.5	9322.4	9906.9	10704.0	11406.5	11701.7	12061.9	13272.2	13726.8	*16726.0*	16348.2
55°	*8779.2*	*8873.7*	*9883.3*	*10798.4*	*11654.5*	*12150.4*	*12858.9*	*13974.8*	*13785.8*	*17121.6*	*16430.8*
57.5°	8242.0	8259.7	9257.5	10768.9	11932.0	12622.8	13591.0	14027.9	13236.8	*16401.3*	15592.5
60°	7450.8	7557.1	8578.5	10385.1	11979.2	13000.6	14086.9	13384.4	12233.1	*15067.0*	13850.8
62.5°	5230.9	5396.3	6730.6	9375.6	11642.7	13207.3	14004.3	12262.6	10975.5	*13006.5*	11642.7
65°	2928.4	3070.1	4162.3	7563.0	10715.8	13160.0	13154.1	10763.0	8956.4	*9399.2*	8324.6
67.5°	1605.9	1718.1	2160.9	5691.5	8501.8	12150.4	11365.2	8212.5	6004.4	*5968.9*	5195.5
70°	1121.8	1127.7	1363.8	3843.5	6110.6	8478.1	8885.5	5508.4	3725.4	*3294.4*	2780.8
72.5°	549.1	555.0	679.0	1812.5	3737.2	4699.6	6092.9	2863.4	2090.0	*1635.4*	1393.3
75°	277.5	271.6	372.0	679.0	1546.8	2290.8	2686.3	1434.7	1216.2	*897.4*	797.0
77.5°	177.1	183.0	218.4	372.0	696.7	891.5	826.6	779.3	714.4	*525.5*	454.6
80°	118.1	118.1	147.6	236.2	342.4	425.1	253.9	360.1	419.2	*307.0*	265.7
82.5°	35.4	35.4	88.6	129.9	165.3	171.2	112.2	165.3	236.2	*171.2*	129.9
85°	23.6	23.6	47.2	64.9	70.8	59.0	35.4	70.8	112.2	*76.8*	64.9
87.5°	0.0	0.0	0.0	5.9	5.9	5.9	5.9	5.9	5.9	*5.9*	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: P1502299
CATALOG NUMBER: GSS-SB4C-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2839.8	2839.8	2839.8	2839.8	2839.8	2839.8	2839.8	2839.8	2839.8	2839.8	2839.8
2.5°	2845.7	2851.6	2869.3	2875.2	2887.1	2893.0	2893.0	2893.0	2887.1	2893.0	2904.8
5°	2893.0	2922.5	2946.1	2940.2	2940.2	2910.7	2887.1	2839.8	2816.2	2810.3	2816.2
7.5°	3011.0	3034.7	3058.3	3022.8	2934.3	2798.5	2650.9	2532.8	2432.4	2385.2	2402.9
10°	3223.6	3253.1	3253.1	3087.8	2839.8	2521.0	2255.3	2036.9	1871.6	1783.0	1824.3
12.5°	3530.6	3554.2	3495.2	3146.8	2674.5	2149.1	1706.3	1340.2	1127.7	1021.4	997.8
15°	3884.8	3920.3	3719.5	3135.0	2414.7	1605.9	1062.7	797.0	720.3	696.7	702.6
17.5°	4339.4	4357.2	3967.5	3040.6	1966.0	1050.9	755.7	679.0	661.2	649.4	649.4
20°	4900.3	4847.2	4168.2	2881.2	1434.7	826.6	696.7	637.6	619.9	614.0	619.9
22.5°	5502.5	5419.9	4333.5	2580.0	1086.3	779.3	667.2	602.2	578.6	572.7	572.7
25°	6134.3	5945.3	4463.4	2137.2	1015.5	767.5	631.7	549.1	525.5	513.6	513.6
27.5°	6854.5	6529.8	4534.3	1788.9	1033.2	749.8	590.4	501.8	466.4	454.6	454.6
30°	7651.6	7179.3	4540.2	1718.1	1068.6	726.2	549.1	448.7	413.3	395.6	401.5
32.5°	8619.8	7840.5	4522.5	1830.2	1092.2	708.5	501.8	395.6	366.0	348.3	348.3
35°	9623.5	8643.5	4451.6	2042.8	1104.0	655.3	442.8	348.3	312.9	307.0	312.9
37.5°	10621.3	9405.1	4351.2	2160.9	1045.0	537.3	360.1	301.1	277.5	277.5	277.5
40°	11530.5	10066.3	4215.5	2060.5	832.5	389.7	295.2	259.8	248.0	242.1	248.0
42.5°	12209.5	10656.7	3967.5	1735.8	590.4	312.9	259.8	230.3	218.4	218.4	224.4
45°	12953.4	11223.5	3489.3	1275.3	448.7	271.6	224.4	200.7	194.8	194.8	200.7
47.5°	13703.2	11678.1	3028.8	850.2	389.7	242.1	200.7	183.0	177.1	171.2	177.1
50°	14275.9	11896.6	2426.5	619.9	354.2	218.4	183.0	171.2	159.4	153.5	153.5
52.5°	14683.3	11837.5	1777.1	531.4	324.7	200.7	171.2	159.4	141.7	141.7	141.7
55°	*14435.3*	*11081.8*	*1281.2*	*478.2*	*301.1*	*188.9*	*165.3*	*147.6*	*135.8*	*129.9*	*129.9*
57.5°	13230.9	9446.4	926.9	431.0	265.7	177.1	159.4	141.7	124.0	118.1	118.1
60°	11501.0	7356.4	690.8	377.9	230.3	171.2	141.7	135.8	118.1	106.3	106.3
62.5°	9399.2	5354.9	537.3	324.7	206.6	147.6	135.8	124.0	106.3	94.5	88.6
65°	6523.9	3418.4	413.3	265.7	194.8	129.9	124.0	106.3	88.6	70.8	70.8
67.5°	4026.5	2031.0	318.8	206.6	153.5	112.2	106.3	94.5	76.8	59.0	59.0
70°	2225.8	1074.5	218.4	153.5	118.1	88.6	82.7	82.7	64.9	53.1	47.2
72.5°	1068.6	584.5	147.6	129.9	88.6	59.0	64.9	64.9	53.1	41.3	41.3
75°	643.5	348.3	100.4	100.4	59.0	47.2	47.2	53.1	41.3	29.5	29.5
77.5°	366.0	206.6	59.0	76.8	41.3	29.5	35.4	29.5	23.6	17.7	17.7
80°	206.6	118.1	35.4	53.1	23.6	17.7	17.7	11.8	11.8	5.9	5.9
82.5°	100.4	64.9	17.7	17.7	11.8	5.9	5.9	5.9	5.9	0.0	0.0
85°	47.2	11.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	0.0	0.0
87.5°	0.0	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

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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

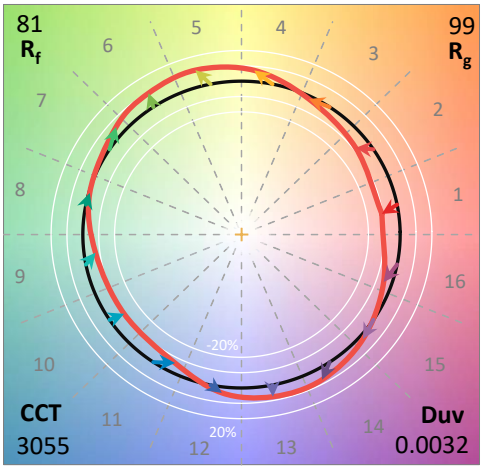
Test Information

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

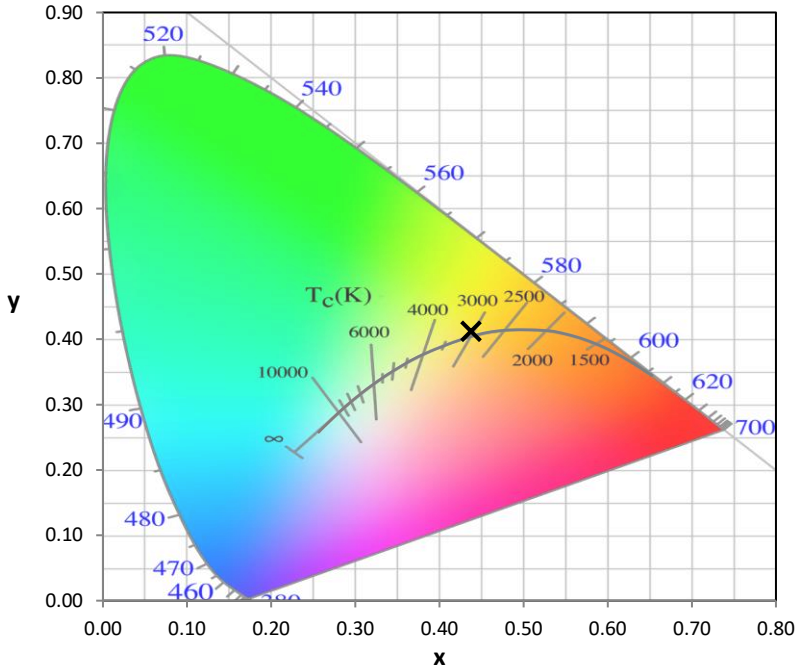
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

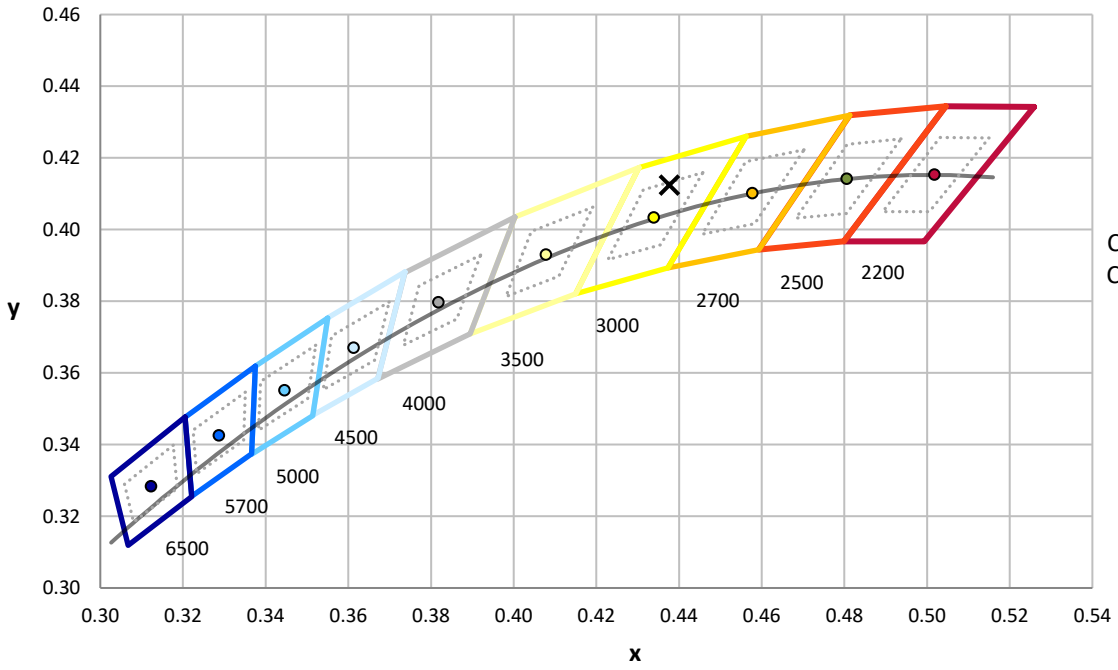
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

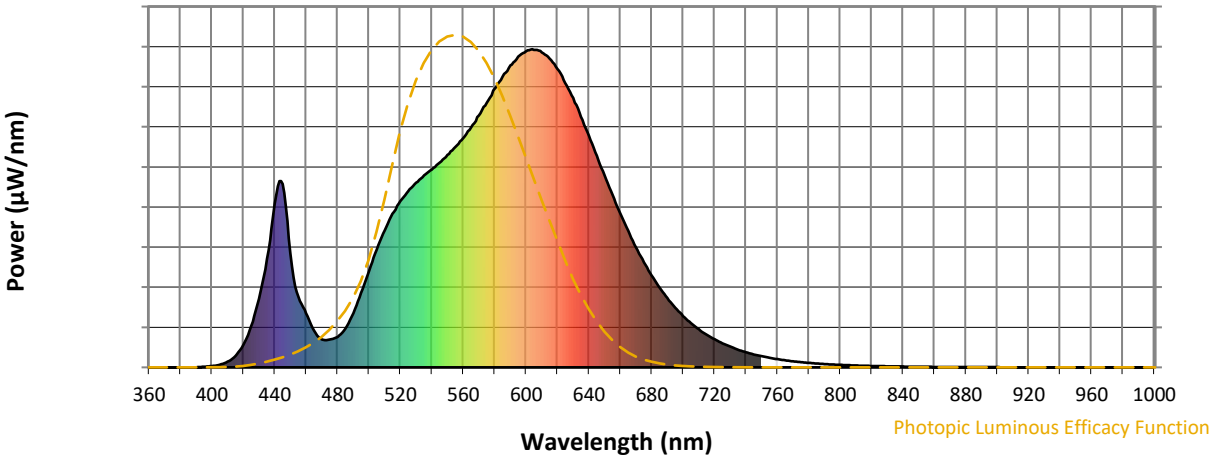


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

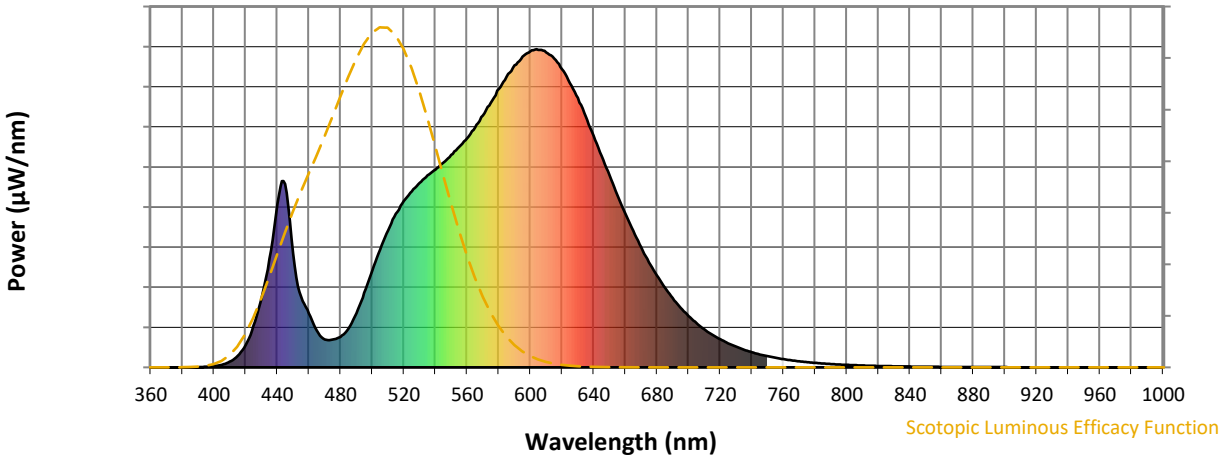


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

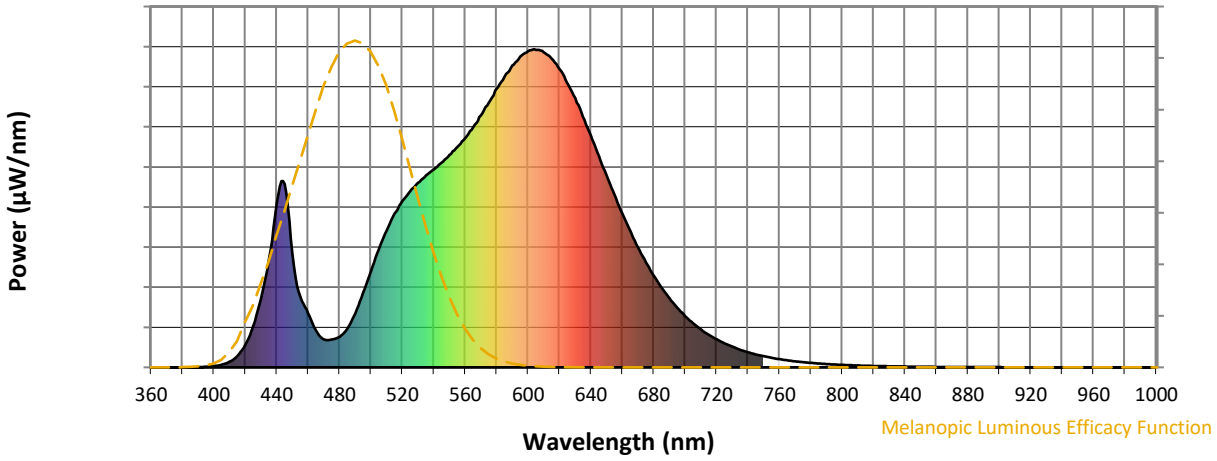


Scotopic Lumens: NR **S/P: 1.28**

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			

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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			

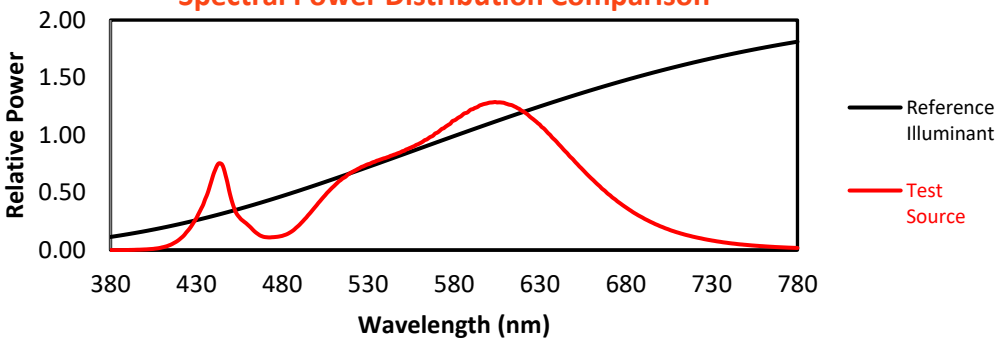
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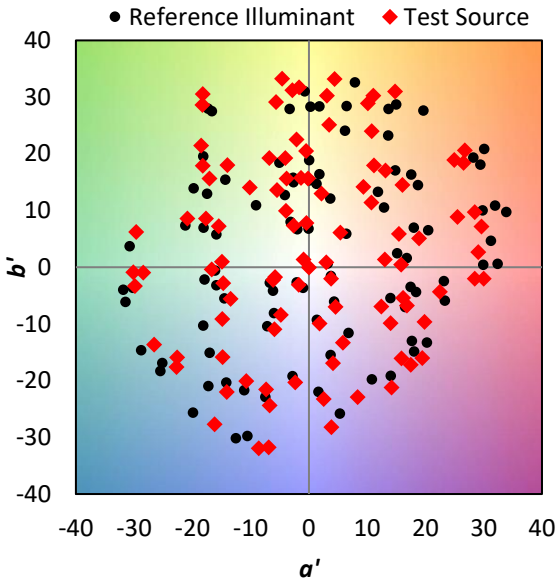
Summary

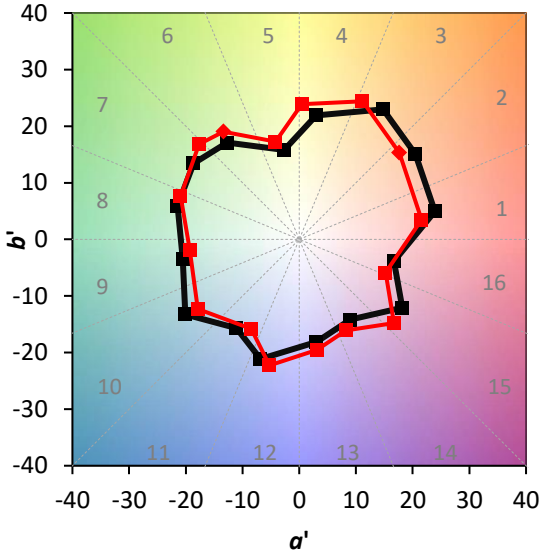
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

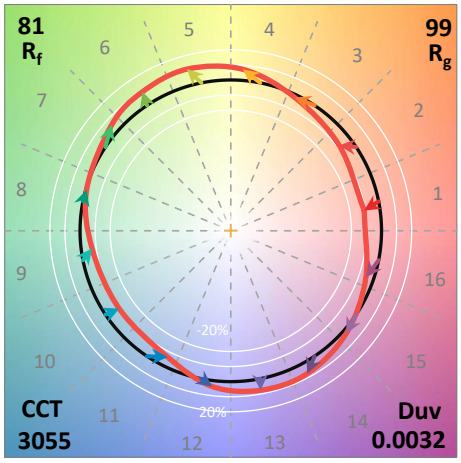
Spectral Power Distribution Comparison

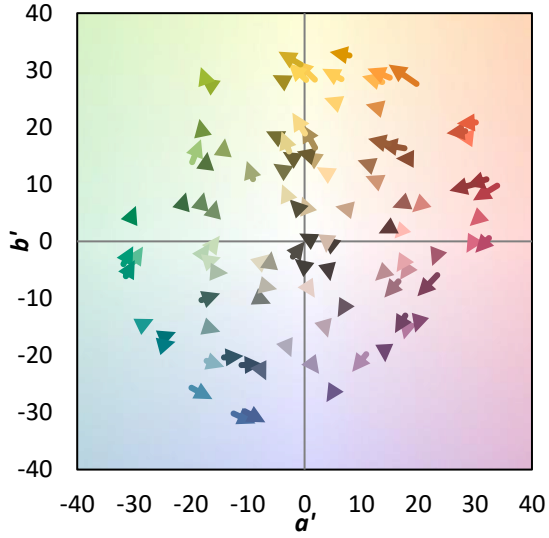


Color Vector Graphics







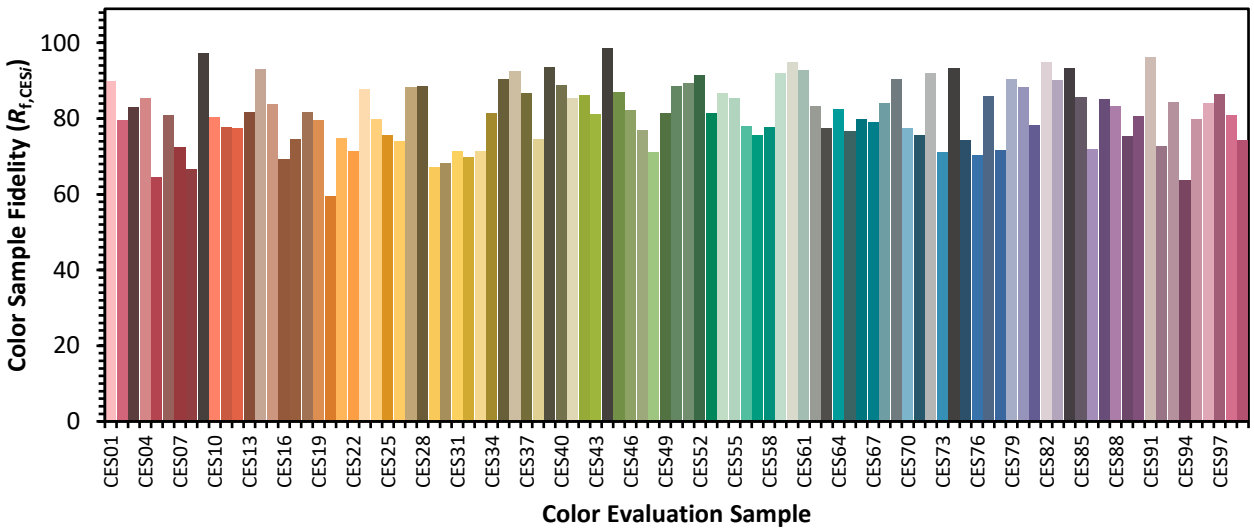


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Individual Sample Fidelity Index ($R_{f,i}$)

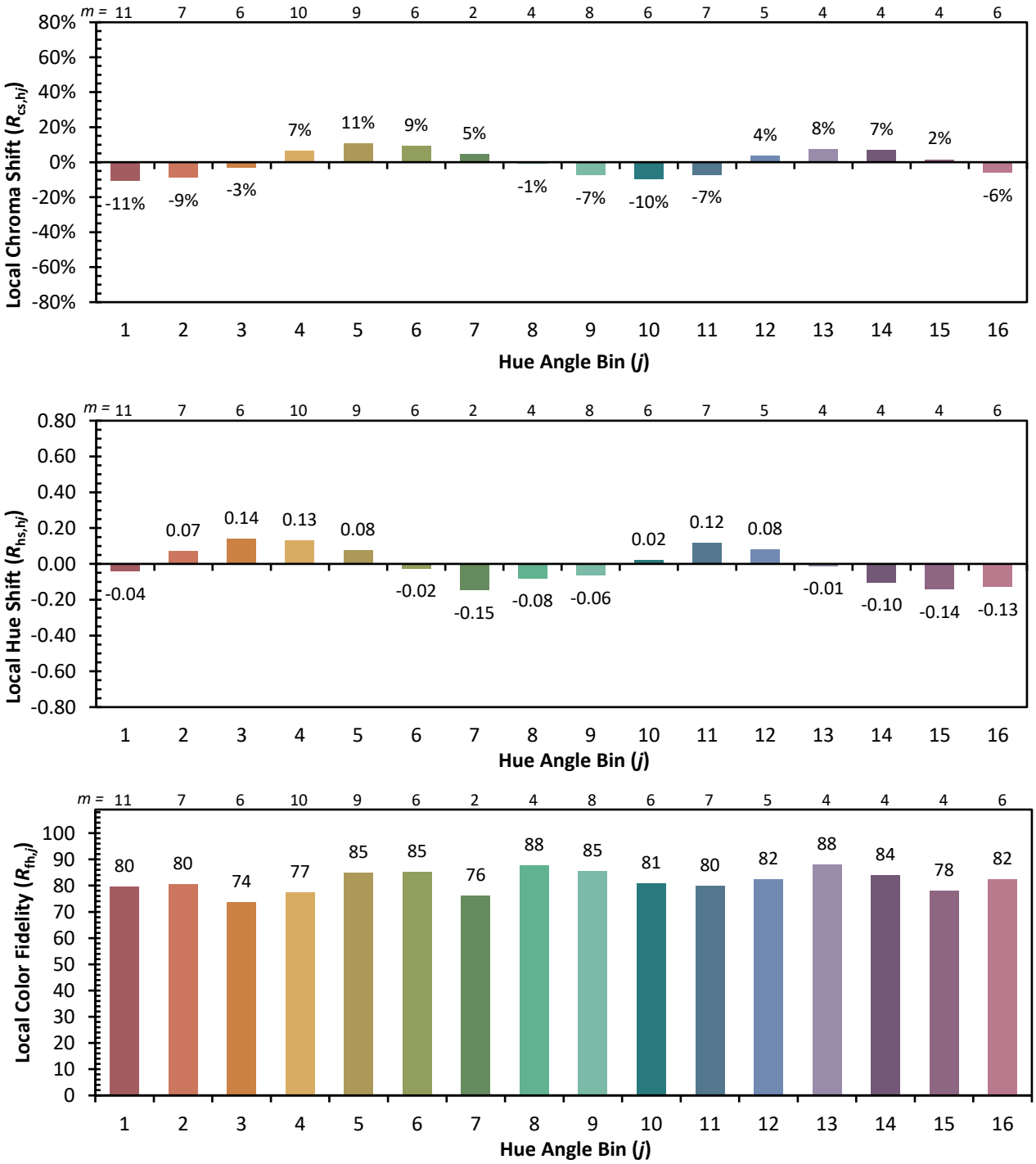
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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	



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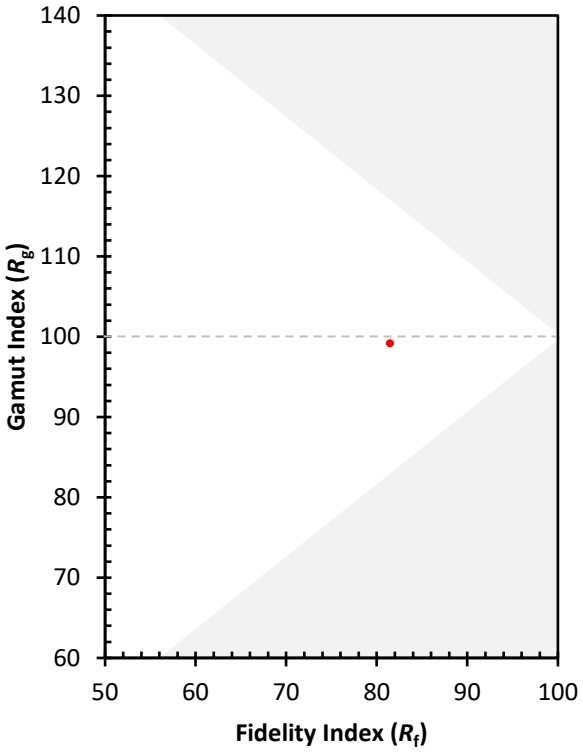
Color Rendition by Hue-Angle Bin

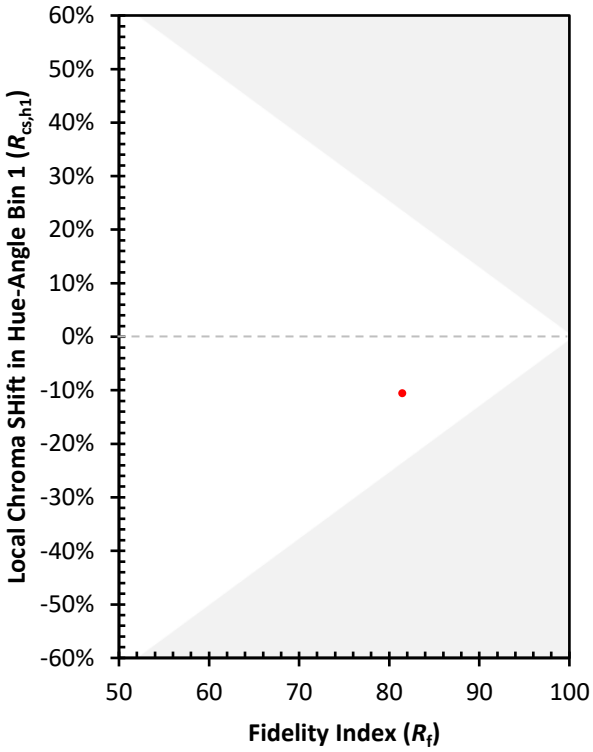


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Measure Comparisons





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