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: P1500763

Luminaire Tested: GSS-SB4C-830-U-T4LG

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:	P1500763
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-830-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26056 lumens
Efficiency:	N/A
Efficacy:	127.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

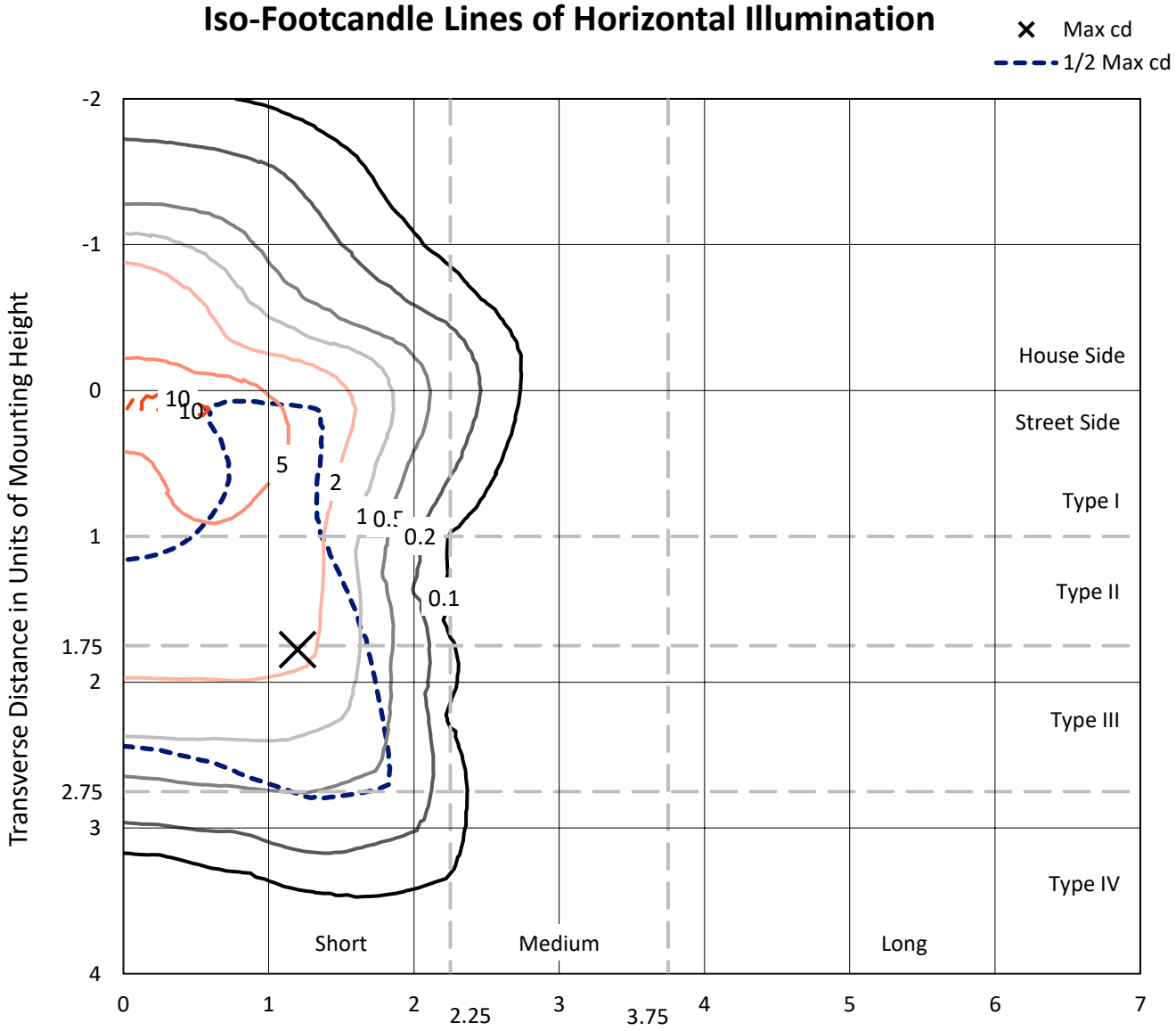
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500763
CATALOG NUMBER: GSS-SB4C-830-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



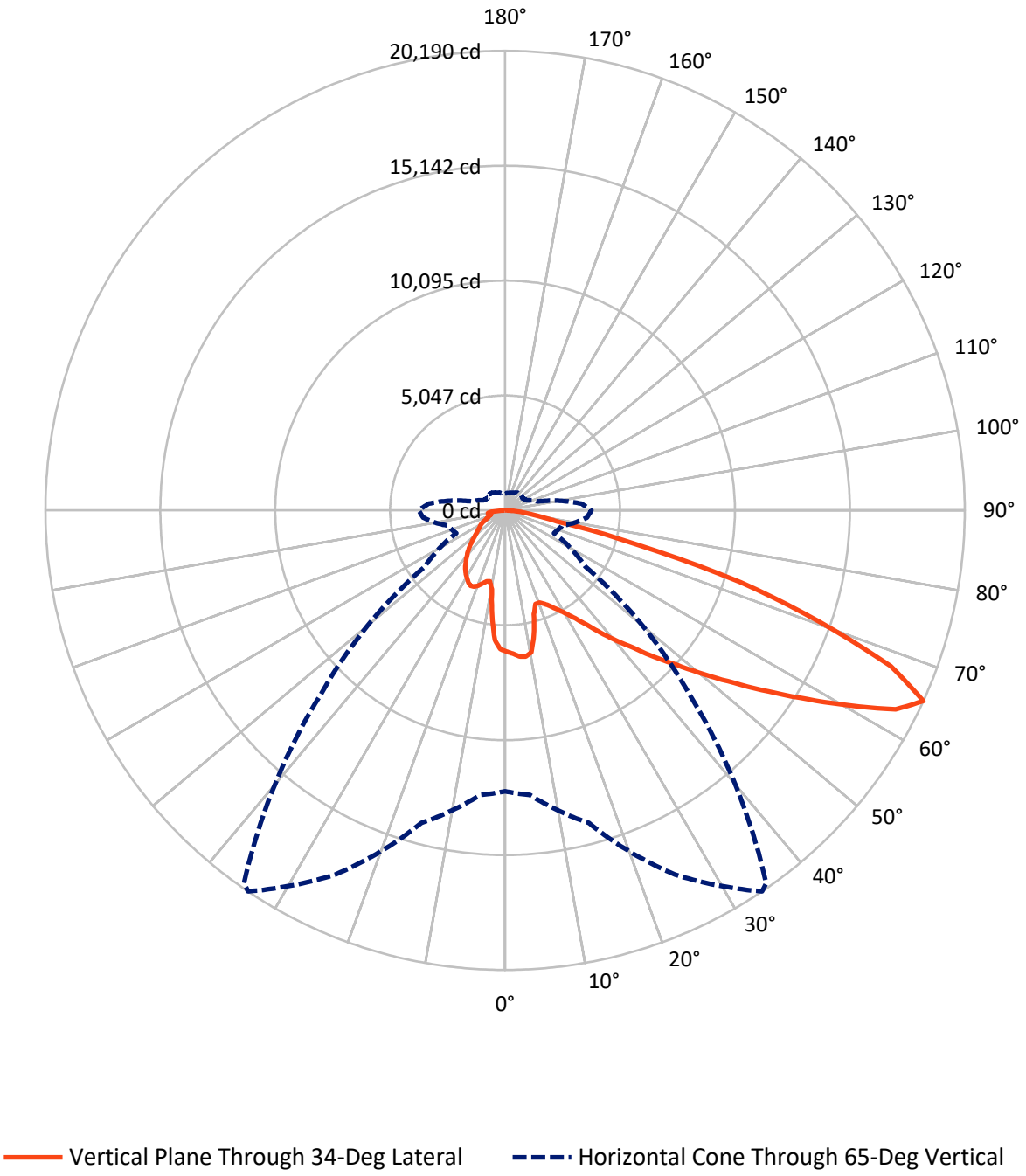
Based on 25 foot mounting height. Maximum calculated value = 10.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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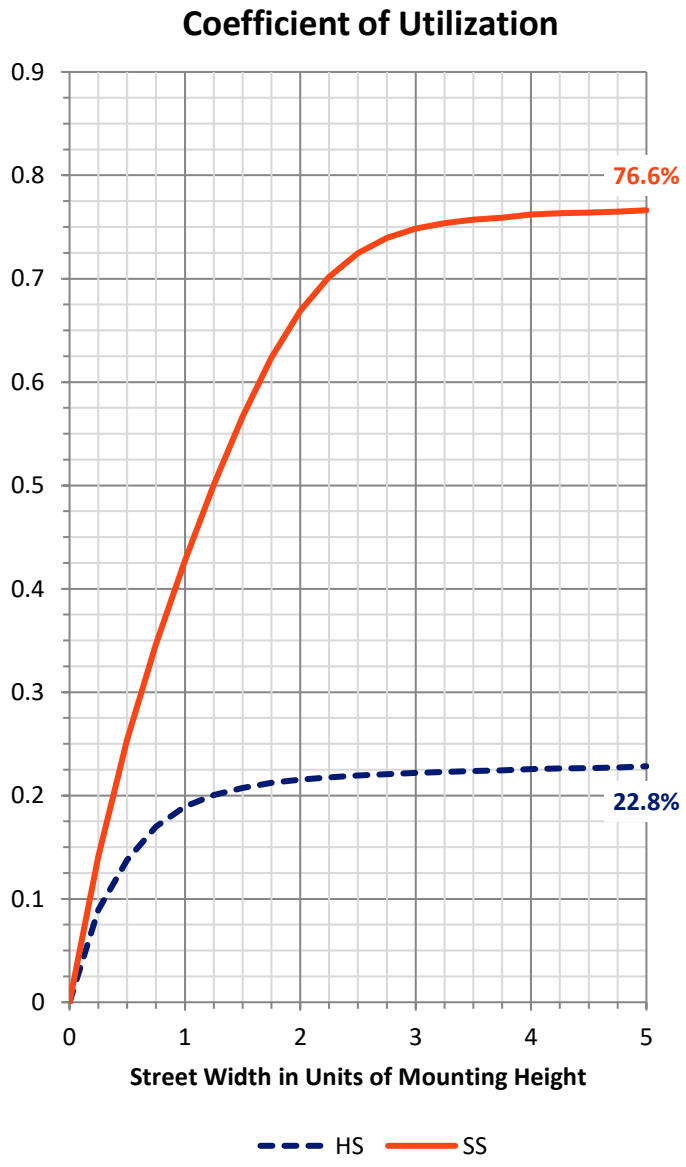
REPORT NUMBER: P1500763
CATALOG NUMBER: GSS-SB4C-830-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6062.1	0.0	6062.1
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	19993.9	0.0	19993.9
	% Fixture	76.7	0.0	76.7
Total	Lumens	26056.0	0.0	26056.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	558.5	2.1
10°-20°	1405.6	5.4
20°-30°	2330.0	8.9
30°-40°	3504.1	13.4
40°-50°	4909.2	18.8
50°-60°	6189.7	23.8
60°-70°	5323.6	20.4
70°-80°	1582.7	6.1
80°-90°	252.5	1.0
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°	26056.0	100.0
0°-180°	26056.0	100.0



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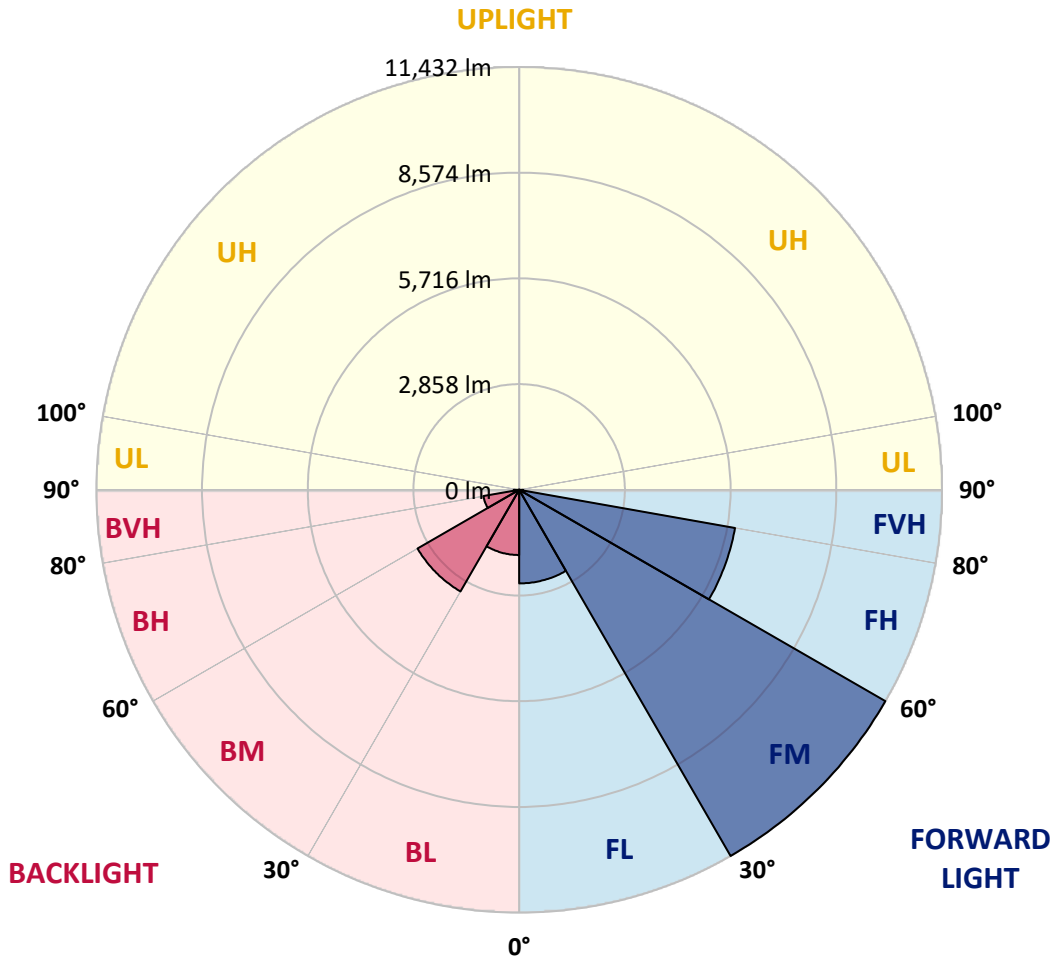
Scaled Data Report

REPORT NUMBER: P1500763
CATALOG NUMBER: GSS-SB4C-830-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2530.2	9.7			
FM	(30°-60°)	11431.5	43.9			
FH	(60°-80°)	5925.3	22.7			G3/7500
FVH	(80°-90°)	106.8	0.4			G2/225
BL	(0°-30°)	1763.8	6.8	B3/2500		
BM	(30°-60°)	3171.5	12.2	B3/5000		
BH	(60°-80°)	981.1	3.8	B2/1000		G2/1000
BVH	(80°-90°)	145.7	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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REPORT NUMBER: P1500763
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9
2.5°	6312.9	6348.3	6307.0	6289.3	6295.2	6301.1	6271.6	6277.5	6242.1	6242.1	6212.6
5°	6448.6	6454.5	6430.9	6448.6	6442.7	6436.8	6436.8	6430.9	6354.2	6336.5	6307.0
7.5°	6371.9	6395.5	6407.3	6472.2	6489.9	6525.3	6548.9	6560.7	6501.7	6454.5	6377.8
10°	5669.8	5687.5	5823.2	6118.2	6342.4	6383.7	6602.0	6725.9	6684.6	6661.0	6531.2
12.5°	4531.1	4560.6	4714.0	5097.5	5622.6	5734.7	6430.9	6849.8	6944.2	6950.1	6761.3
15°	4041.4	4041.4	4088.6	4306.9	4731.7	4820.2	5846.8	6885.2	7221.5	7262.8	7032.7
17.5°	3941.1	3935.2	3964.7	4094.5	4318.7	4371.8	5174.2	6702.3	7551.9	7622.7	7327.7
20°	3935.2	3917.5	3976.5	4124.0	4318.7	4365.9	4861.5	6383.7	7811.5	8035.7	7622.7
22.5°	3941.1	3941.1	4023.7	4236.1	4460.3	4501.6	4920.5	6118.2	8023.9	8466.4	7935.4
25°	4006.0	3994.2	4112.2	4371.8	4678.6	4708.1	5162.4	6106.4	8206.8	8950.2	8313.0
27.5°	4112.2	4118.1	4277.4	4590.1	4938.2	4997.2	5498.7	6360.1	8431.0	9481.2	8678.8
30°	4336.4	4342.3	4531.1	4849.7	5250.9	5327.6	5888.1	6737.7	8749.6	10053.5	9074.1
32.5°	4590.1	4619.6	4849.7	5221.4	5652.1	5693.4	6366.0	7304.1	9227.5	10625.7	9498.9
35°	5014.9	5044.4	5304.0	5693.4	6171.3	6230.3	6950.1	7959.0	9811.6	11203.9	9829.3
37.5°	5563.6	5587.2	5840.9	6312.9	6820.3	6879.3	7599.1	8655.2	10401.5	11664.1	10124.3
40°	6218.5	6271.6	6543.0	7003.2	7516.5	7551.9	8307.1	9327.8	11038.7	11982.7	10242.3
42.5°	6932.4	6985.5	7262.8	7770.2	8242.2	8348.4	9074.1	10041.7	11557.9	12124.3	10147.9
45°	7846.9	7835.1	8094.7	8625.7	9180.3	9221.6	9894.2	10631.6	11870.6	12006.3	10053.5
47.5°	8956.1	8967.9	9133.1	9563.8	10136.1	10230.5	10749.6	11139.0	12053.5	11911.9	9947.3
50°	10206.9	10236.4	10377.9	10690.6	11304.2	11369.1	11522.5	11493.0	12165.6	11711.3	9988.6
52.5°	11457.6	11475.3	11664.1	11994.5	12590.4	12637.6	12301.3	11764.4	11746.7	10903.0	9900.1
55°	12484.2	12478.3	12814.6	13322.0	14047.7	14018.2	13068.3	11557.9	10436.9	9646.4	9504.8
57.5°	13375.1	13410.5	13847.1	14726.2	15640.7	15617.1	13888.4	10466.4	8525.4	8159.6	8861.7
60°	14177.5	14260.1	15080.2	16395.9	17404.7	17263.1	14035.9	8820.4	6631.5	6389.6	7587.3
62.5°	13829.4	13982.8	15298.5	17864.9	19251.4	18938.7	13127.3	6832.1	4489.8	4271.5	5363.0
65°	12342.6	12549.1	14218.8	17652.5	20189.5	19994.8	11475.3	4295.1	2365.9	2596.0	3610.7
67.5°	10366.1	10613.9	12419.3	15859.0	18266.1	17847.2	8914.8	2259.7	1103.3	1711.0	2242.0
70°	5681.6	6295.2	8979.7	13487.2	14631.8	14047.7	5156.5	1067.9	802.4	1067.9	1339.3
72.5°	2135.8	2283.3	3893.9	9068.2	10838.1	10118.4	1958.8	690.3	672.6	790.6	967.6
75°	1026.6	1097.4	1693.3	4124.0	5917.6	5516.4	961.7	513.3	578.2	619.5	702.1
77.5°	613.6	660.8	1056.1	2395.4	2330.5	2141.7	590.0	395.3	466.1	442.5	413.0
80°	365.8	407.1	643.1	1362.9	1404.2	1244.9	359.9	277.3	324.5	283.2	253.7
82.5°	212.4	230.1	336.3	613.6	890.9	820.1	206.5	165.2	236.0	188.8	141.6
85°	106.2	112.1	153.4	265.5	442.5	336.3	88.5	76.7	112.1	82.6	47.2
87.5°	23.6	23.6	23.6	29.5	41.3	41.3	11.8	5.9	5.9	5.9	5.9
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: P1500763
CATALOG NUMBER: GSS-SB4C-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9	6194.9
2.5°	6206.7	6218.5	6177.2	6130.0	6118.2	6082.8	6094.6	6071.0	6035.6	6041.5	6047.4
5°	6265.7	6242.1	6159.5	6053.3	5958.9	5852.7	5728.8	5587.2	5486.9	5445.6	5481.0
7.5°	6318.8	6295.2	6153.6	5917.6	5599.0	5156.5	4696.3	4277.4	3988.3	3882.1	3905.7
10°	6466.3	6371.9	6112.3	5599.0	4837.9	4000.1	3534.0	3274.5	3186.0	3138.8	3144.7
12.5°	6661.0	6531.2	6035.6	5044.4	3893.9	3363.0	3197.8	3138.8	3109.3	3097.5	3109.3
15°	6897.0	6696.4	5852.7	4348.2	3457.3	3250.9	3215.5	3221.4	3221.4	3227.3	3227.3
17.5°	7103.5	6790.8	5522.3	3846.7	3368.9	3309.9	3345.3	3374.8	3374.8	3380.7	3374.8
20°	7292.3	6838.0	5097.5	3634.3	3386.6	3416.1	3498.6	3528.1	3534.0	3528.1	3528.1
22.5°	7492.9	6867.5	4672.7	3516.3	3427.9	3516.3	3604.8	3646.1	3657.9	3663.8	3669.7
25°	7687.6	6808.5	4324.6	3422.0	3410.2	3534.0	3634.3	3687.4	3699.2	3699.2	3705.1
27.5°	7882.3	6790.8	4088.6	3298.1	3327.6	3427.9	3545.8	3616.6	3663.8	3669.7	3675.6
30°	8106.5	6737.7	3864.4	3132.9	3144.7	3268.6	3392.5	3516.3	3610.7	3652.0	3652.0
32.5°	8259.9	6684.6	3663.8	2955.9	2955.9	3085.7	3239.1	3392.5	3528.1	3610.7	3628.4
35°	8407.4	6637.4	3486.8	2778.9	2784.8	2908.7	3068.0	3233.2	3404.3	3504.5	3551.7
37.5°	8484.1	6590.2	3363.0	2643.2	2619.6	2749.4	2855.6	2991.3	3174.2	3339.4	3380.7
40°	8501.8	6590.2	3351.2	2548.8	2448.5	2596.0	2643.2	2737.6	2902.8	3079.8	3144.7
42.5°	8383.8	6525.3	3410.2	2489.8	2271.5	2377.7	2430.8	2478.0	2584.2	2731.7	2784.8
45°	8242.2	6436.8	3463.2	2407.2	2053.2	2135.8	2218.4	2224.3	2271.5	2306.9	2342.3
47.5°	8124.2	6342.4	3368.9	2253.8	1829.0	1888.0	1976.5	1976.5	1952.9	1882.1	1858.5
50°	8218.6	6371.9	3209.6	2035.5	1622.5	1663.8	1758.2	1705.1	1652.0	1504.5	1486.8
52.5°	8301.2	6484.0	3020.8	1823.1	1445.5	1486.8	1581.2	1498.6	1392.4	1274.4	1256.7
55°	8165.5	6489.9	2672.7	1587.1	1321.6	1357.0	1445.5	1345.2	1244.9	1174.1	1162.3
57.5°	7758.4	6312.9	2306.9	1404.2	1215.4	1250.8	1333.4	1233.1	1138.7	1132.8	1162.3
60°	6861.6	5693.4	1970.6	1286.2	1115.1	1156.4	1239.0	1132.8	1008.9	955.8	973.5
62.5°	5180.1	4377.7	1687.4	1150.5	1020.7	1073.8	1132.8	961.7	855.5	831.9	808.3
65°	*3787.7*	*3363.0*	*1516.3*	*1044.3*	*932.2*	*997.1*	*949.9*	*855.5*	*784.7*	*761.1*	*749.3*
67.5°	2448.5	2283.3	1303.9	944.0	849.6	902.7	837.8	790.6	713.9	702.1	719.8
70°	1498.6	1551.7	1091.5	831.9	767.0	755.2	767.0	719.8	637.2	654.9	678.5
72.5°	1062.0	1144.6	938.1	725.7	654.9	631.3	684.4	654.9	595.9	613.6	637.2
75°	761.1	849.6	772.9	595.9	554.6	542.8	637.2	654.9	613.6	625.4	643.1
77.5°	448.4	542.8	548.7	460.2	418.9	483.8	678.5	755.2	725.7	690.3	672.6
80°	289.1	324.5	389.4	295.0	295.0	418.9	743.4	920.4	790.6	702.1	690.3
82.5°	147.5	171.1	253.7	188.8	177.0	312.7	731.6	879.1	873.2	778.8	761.1
85°	41.3	53.1	118.0	82.6	70.8	165.2	548.7	660.8	590.0	430.7	436.6
87.5°	5.9	5.9	0.0	0.0	5.9	23.6	64.9	11.8	11.8	11.8	11.8
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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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

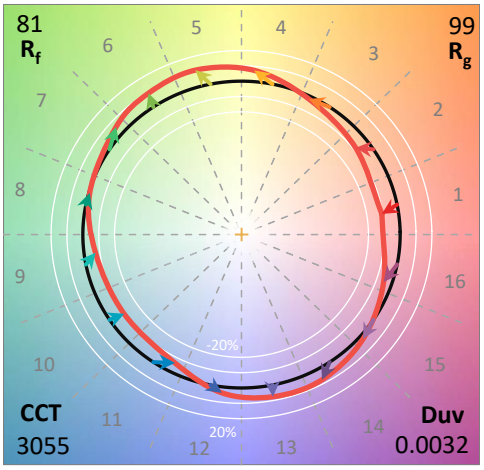
Test Information

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

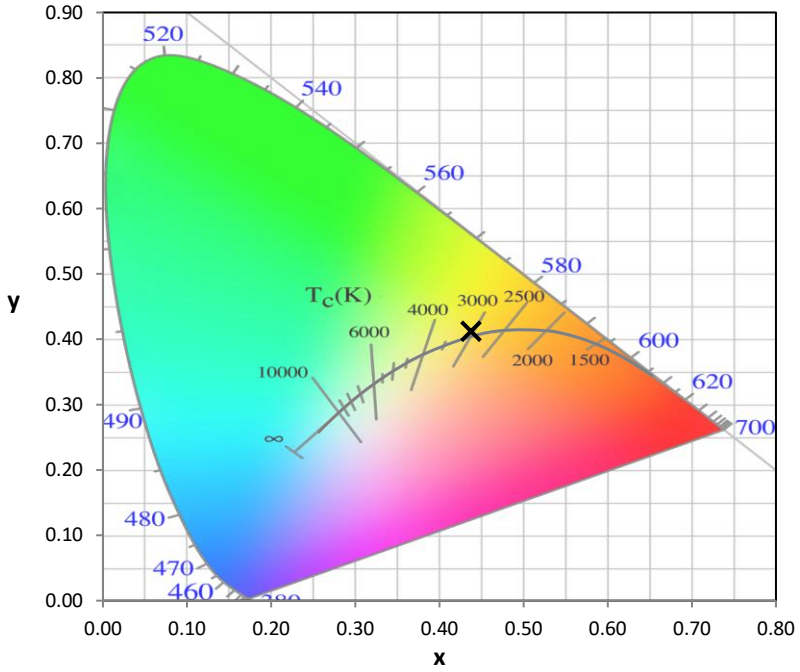
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

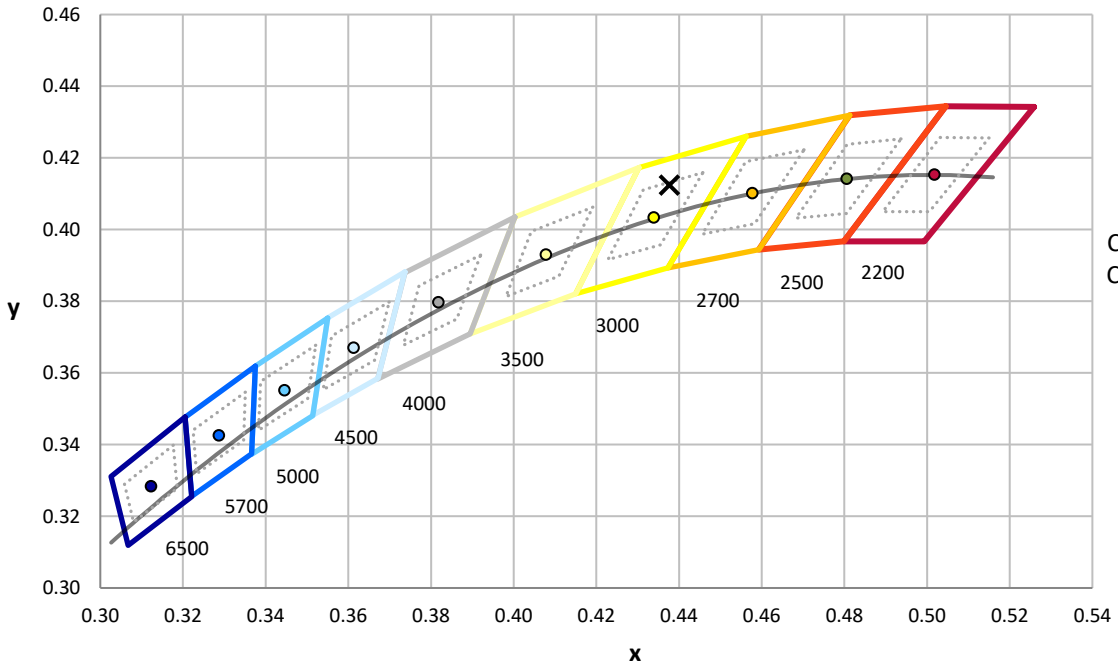
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

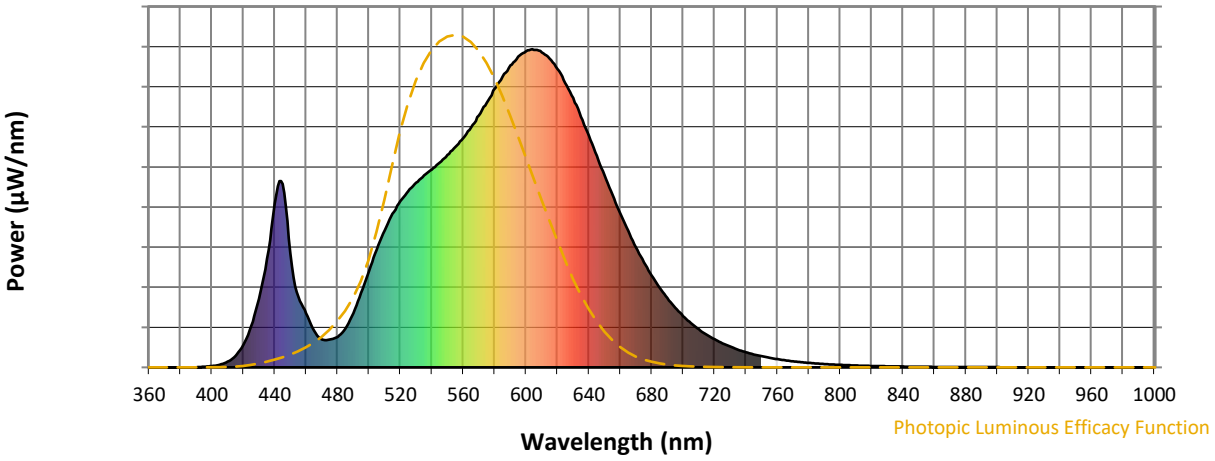


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

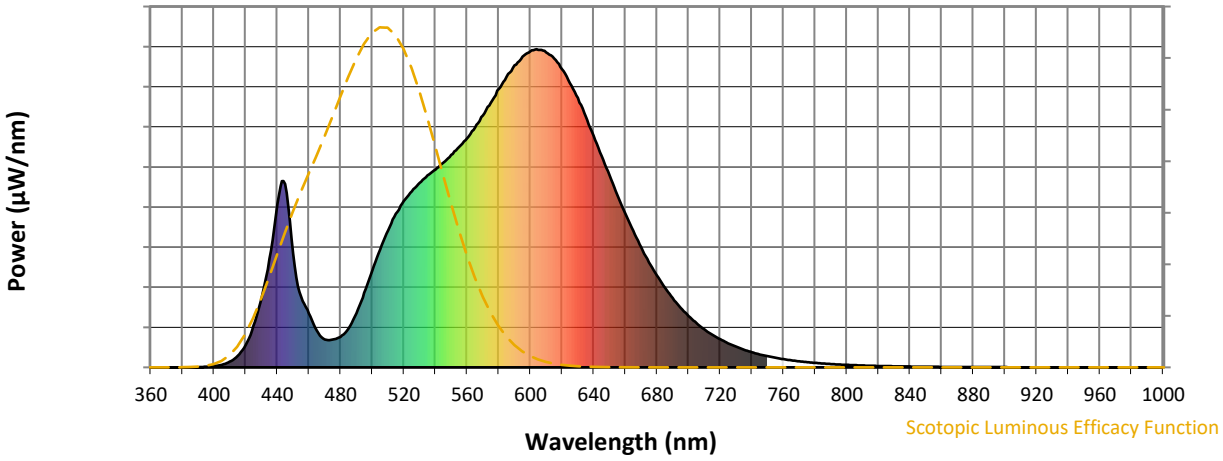


Photopic Lumens: NR

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

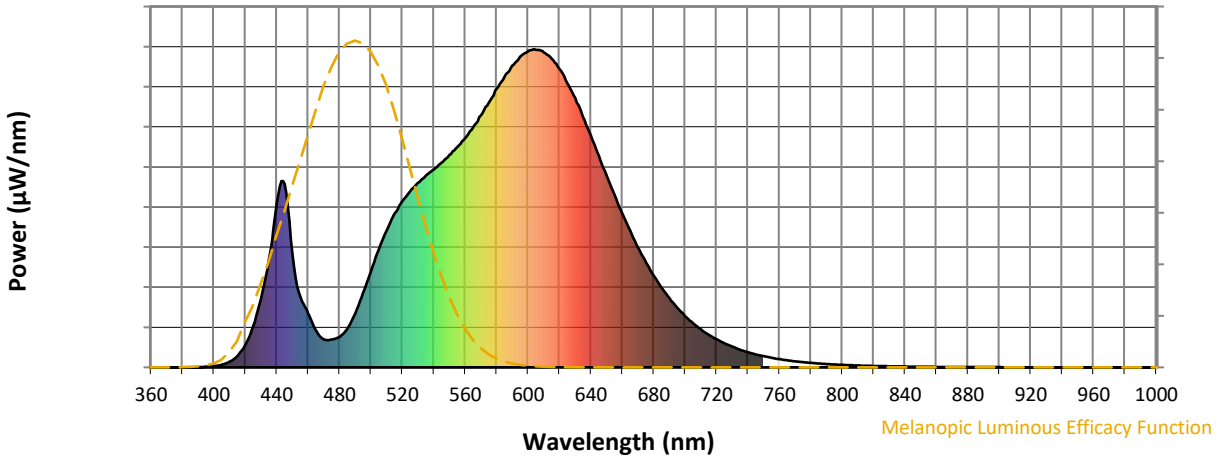


Scotopic Lumens: NR **S/P: 1.28**

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			

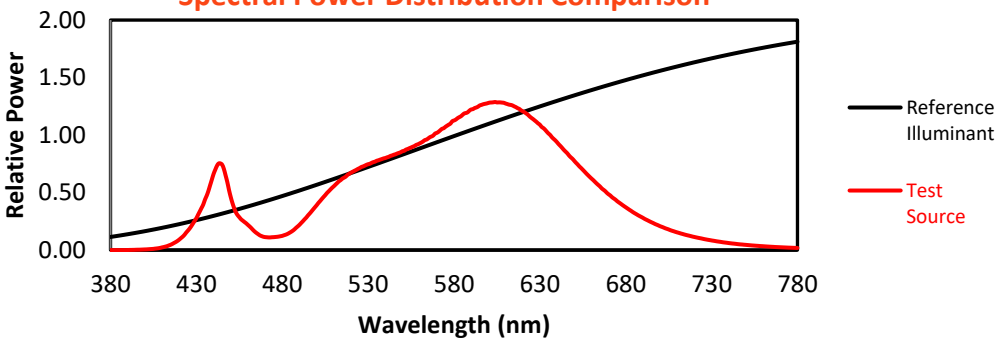
REPORT NUMBER: SP1-2407-184-9

TM-30-18

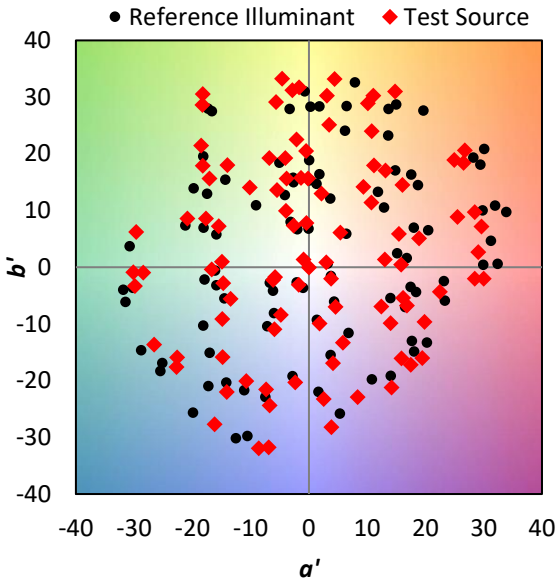
Summary

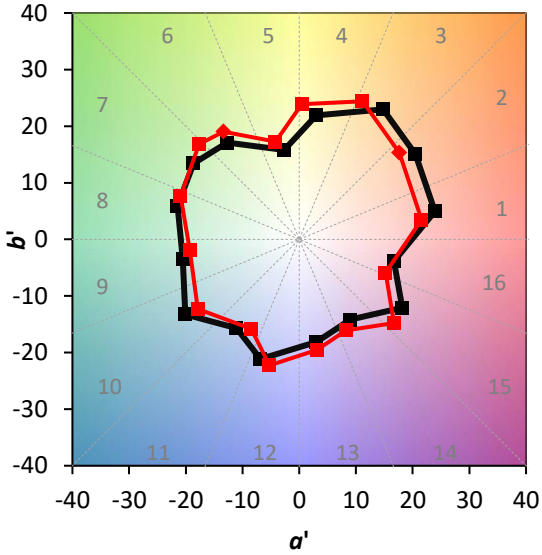
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

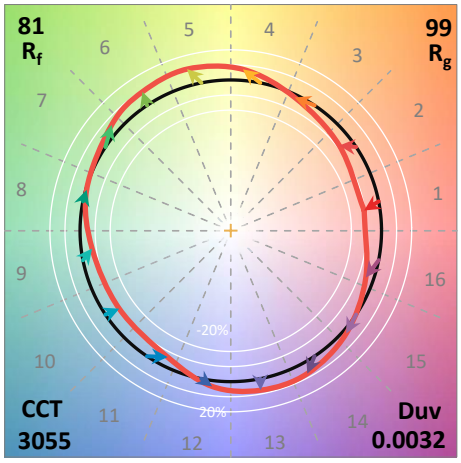
Spectral Power Distribution Comparison

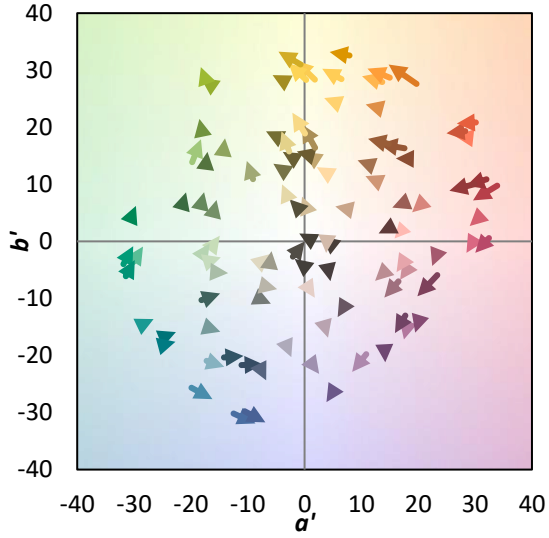


Color Vector Graphics







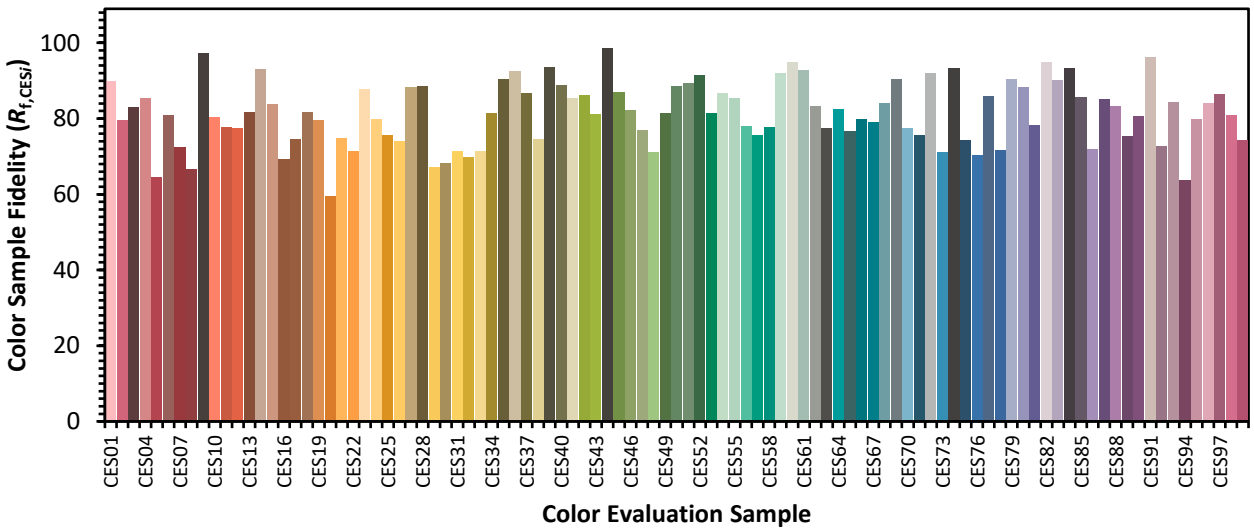


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

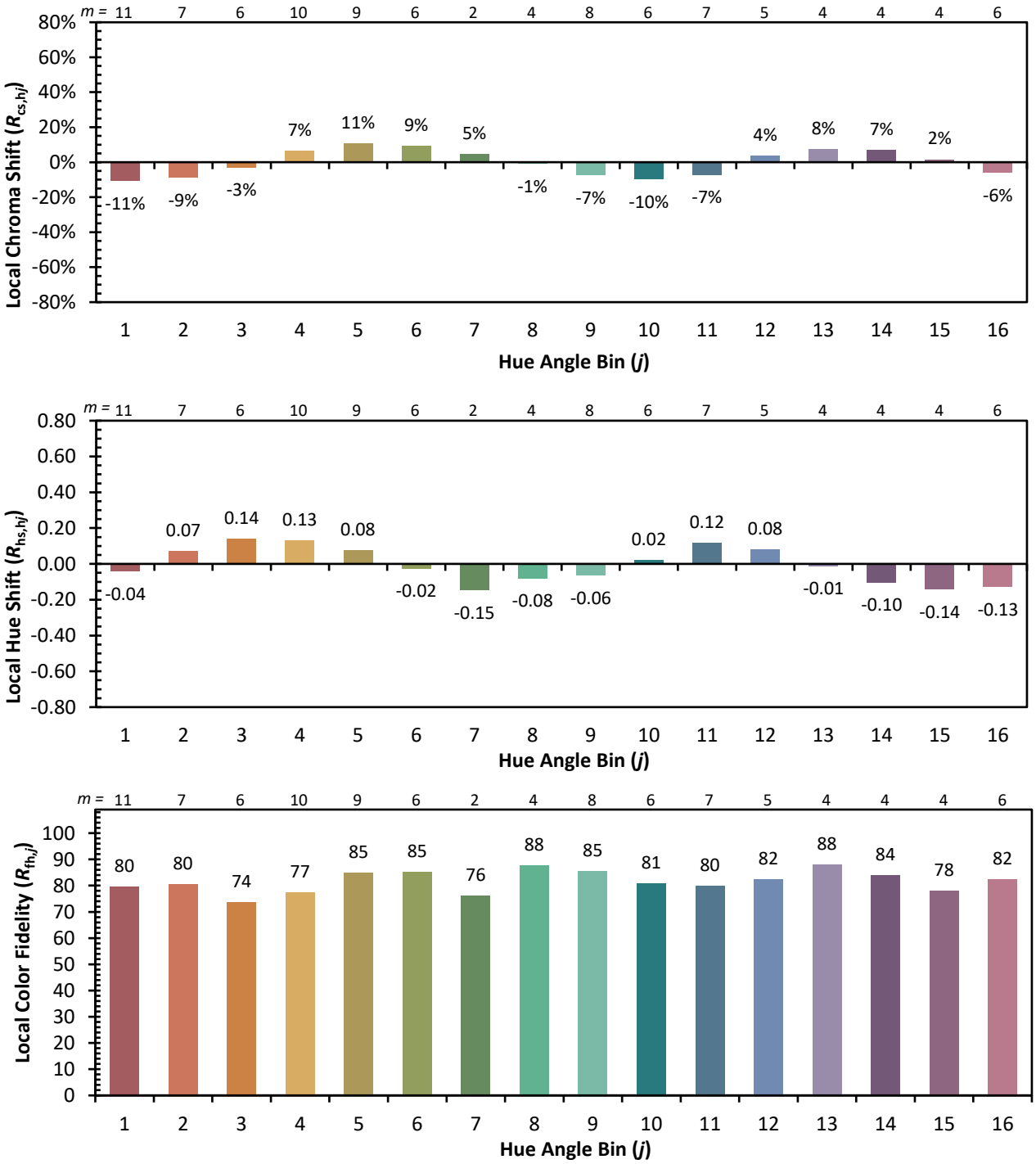
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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

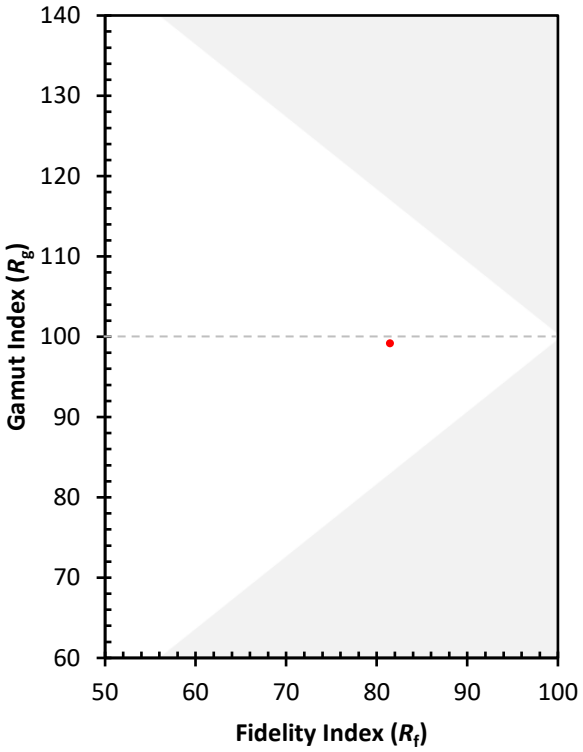
Color Rendition by Hue-Angle Bin

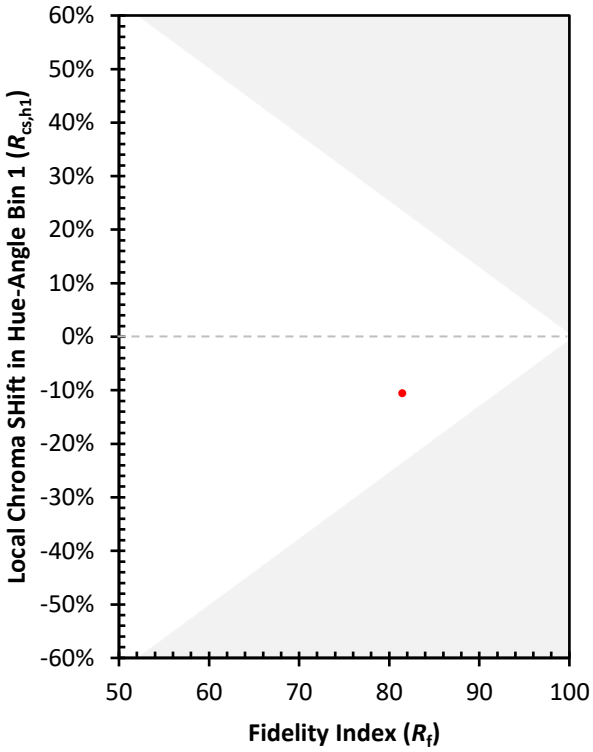


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





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