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: P1502289

Luminaire Tested: GSS-SB2A-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:	P1502289
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-830-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6252 lumens
Efficiency:	N/A
Efficacy:	107.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

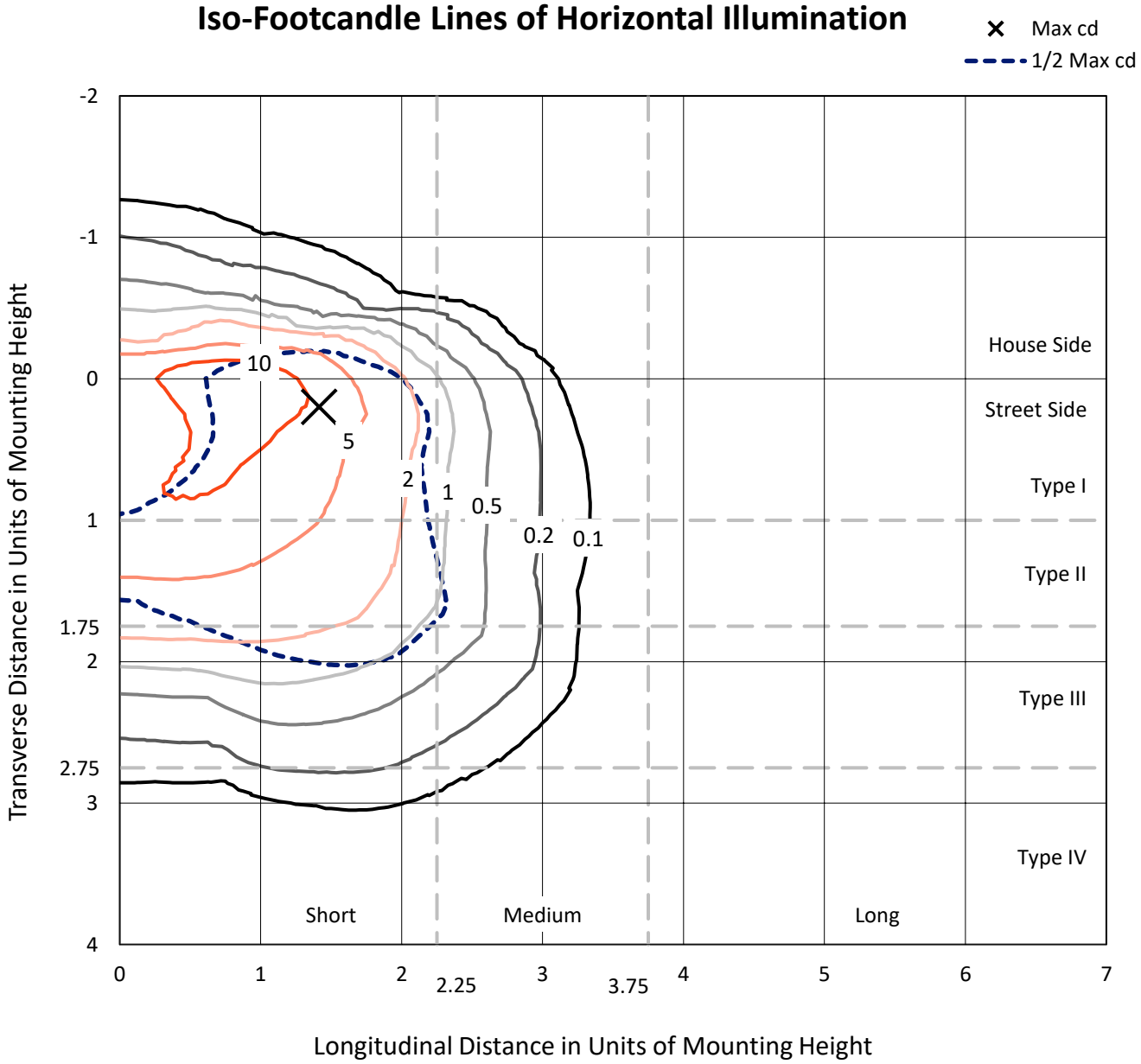
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502289
CATALOG NUMBER: GSS-SB2A-830-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



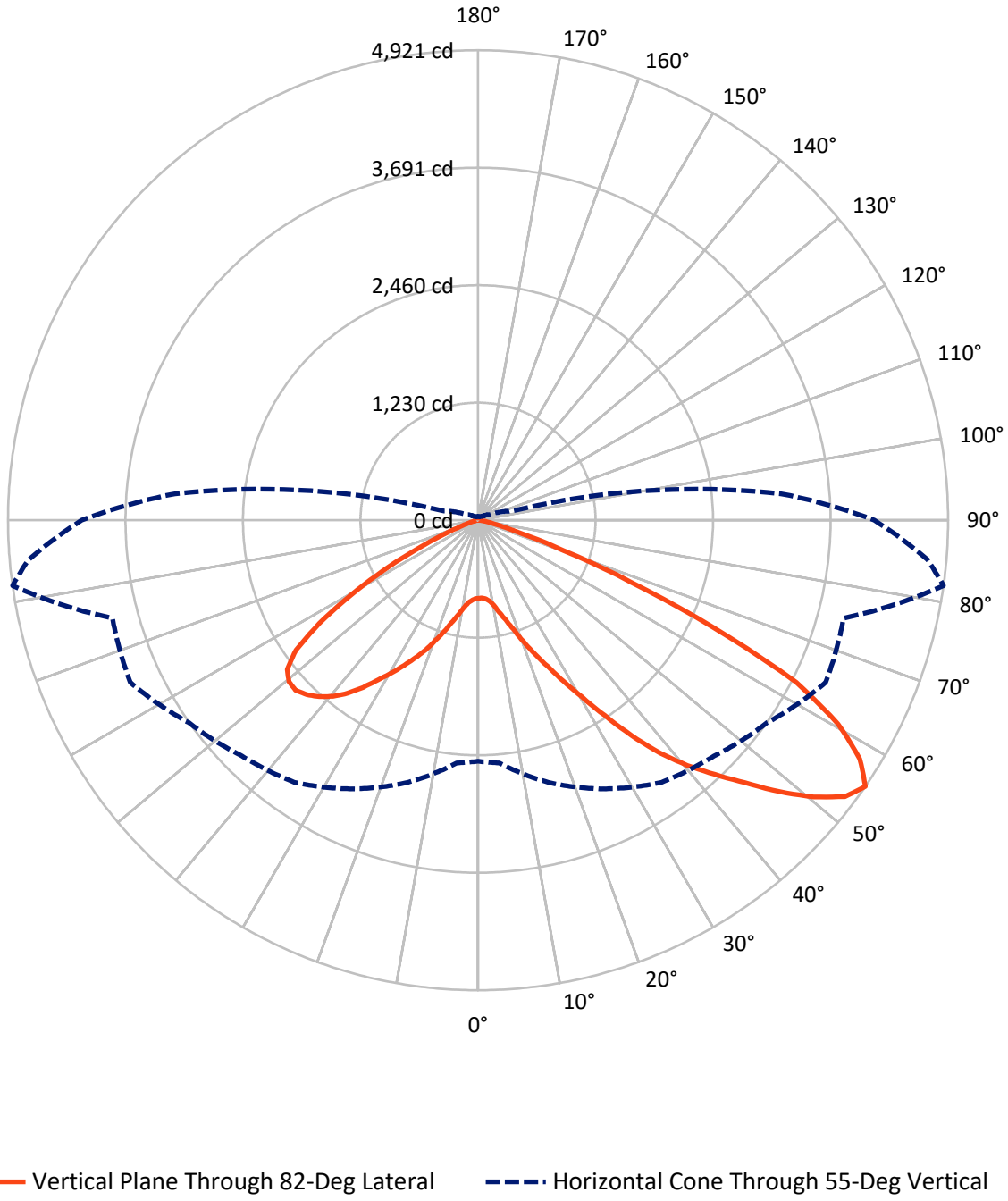
Based on 10 foot mounting height. Maximum calculated value = 15.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1502289
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Luminous Intensity Polar Plot



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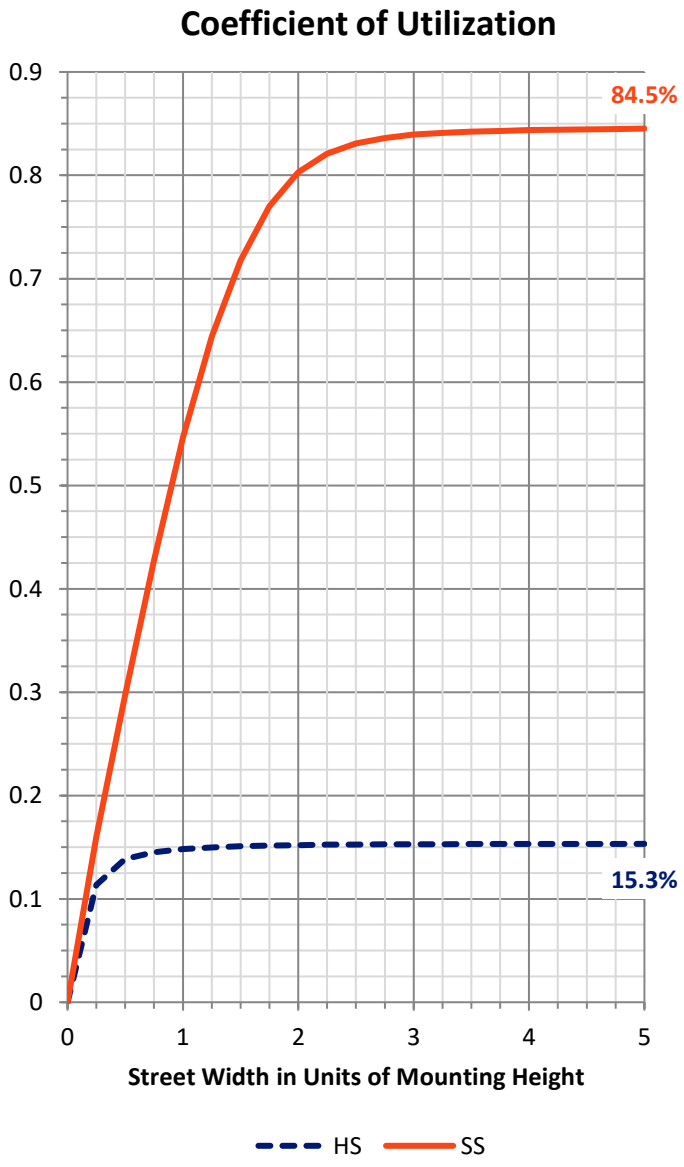
REPORT NUMBER: P1502289
CATALOG NUMBER: GSS-SB2A-830-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	966.3	0.0	966.3
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	5285.6	0.0	5285.6
	% Fixture	84.5	0.0	84.5
Total	Lumens	6252.0	0.0	6252.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.0	1.2
10°-20°	200.3	3.2
20°-30°	400.4	6.4
30°-40°	829.1	13.3
40°-50°	1385.1	22.2
50°-60°	1756.7	28.1
60°-70°	1313.3	21.0
70°-80°	278.2	4.4
80°-90°	15.0	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°	6252.0	100.0
0°-180°	6252.0	100.0



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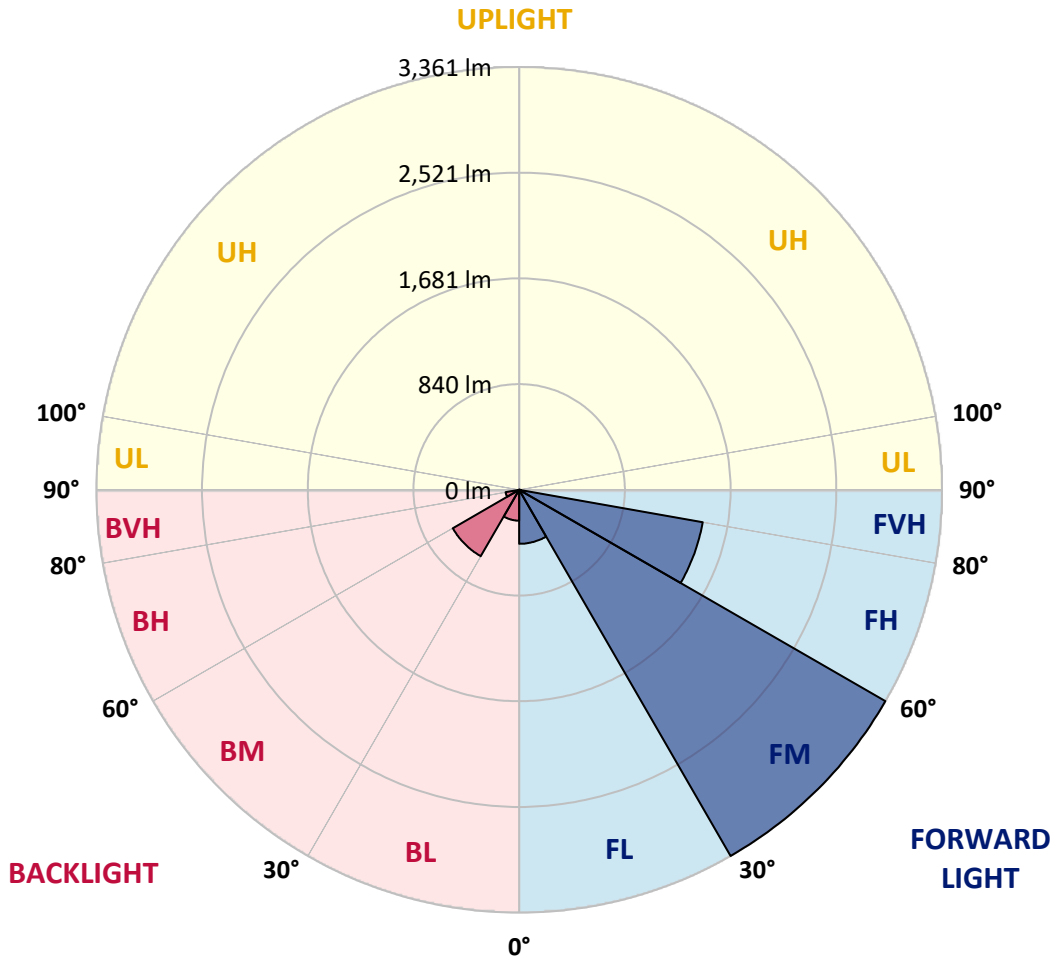
Scaled Data Report

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CATALOG NUMBER: GSS-SB2A-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°)	429.4	6.9			
FM	(30°-60°)	3361.1	53.8			
FH	(60°-80°)	1481.7	23.7			G1/1800
FVH	(80°-90°)	13.4	0.2			G1/100
BL	(0°-30°)	245.3	3.9	B1/500		
BM	(30°-60°)	609.7	9.8	B1/1000		
BH	(60°-80°)	109.7	1.8	B0/110		G0/110
BVH	(80°-90°)	1.6	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-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	816.2	816.2	816.2	816.2	816.2	816.2	816.2	816.2	816.2	*816.2*	816.2
2.5°	794.1	795.8	792.4	794.1	797.5	795.8	802.6	807.7	812.8	*814.5*	816.2
5°	724.6	726.3	728.0	741.5	750.0	770.4	789.0	800.9	817.9	*826.4*	828.1
7.5°	641.4	641.4	648.2	665.2	687.2	726.3	768.7	802.6	834.9	*851.8*	855.2
10°	626.1	627.8	627.8	639.7	658.4	697.4	751.7	819.6	877.3	*902.7*	911.2
12.5°	629.5	631.2	632.9	644.8	663.5	697.4	767.0	855.2	945.2	*987.6*	992.7
15°	638.0	641.4	646.5	661.8	682.1	726.3	799.2	906.1	1026.6	*1080.9*	1094.5
17.5°	663.5	665.2	673.7	690.6	722.9	767.0	846.7	972.3	1140.3	*1199.7*	1225.1
20°	702.5	705.9	717.8	741.5	778.9	834.9	923.1	1058.8	1262.5	*1354.1*	1374.5
22.5°	751.7	751.7	768.7	806.0	858.6	921.4	1028.3	1174.2	1411.8	*1518.7*	1552.6
25°	833.2	831.5	845.0	887.5	950.2	1041.9	1150.5	1311.7	1567.9	*1695.2*	1730.8
27.5°	1019.8	1014.7	1009.6	1011.3	1065.6	1182.7	1308.3	1484.8	1761.3	*1910.7*	1937.8
30°	1237.0	1243.8	1237.0	1220.0	1228.5	1337.1	1493.2	1696.9	1978.5	*2146.5*	2182.2
32.5°	1427.1	1430.5	1459.3	1478.0	1484.8	1535.7	1707.0	1953.1	2255.1	*2438.4*	2484.2
35°	1634.1	1639.2	1671.4	1710.4	1771.5	1817.3	1975.1	2250.0	2536.8	*2767.6*	2801.5
37.5°	1875.0	1883.5	1925.9	1981.9	2066.8	2172.0	2256.8	2519.8	2823.6	*3090.0*	3125.6
40°	2087.1	2114.3	2187.3	2258.5	2348.5	2467.2	2523.2	2755.7	3035.7	*3375.1*	3434.4
42.5°	2287.4	2302.6	2419.7	2530.0	2636.9	2733.6	2787.9	2940.7	3224.0	*3639.8*	3705.9
45°	2453.7	2465.5	2596.2	2742.1	2874.5	2971.2	2979.7	3120.5	3410.7	*3919.7*	3970.7
47.5°	2555.5	2574.1	2742.1	2908.4	3054.3	3144.3	3130.7	3349.6	3614.3	*4245.5*	4252.3
50°	2616.6	2628.4	2799.8	3015.3	3195.2	3258.0	3286.8	3568.5	3799.3	*4554.4*	4513.6
52.5°	2660.7	2679.3	2847.3	3076.4	3278.3	3363.2	3466.7	3814.5	3945.2	*4807.2*	4698.6
55°	*2523.2*	*2550.4*	*2840.5*	*3103.6*	*3349.6*	*3492.1*	*3695.8*	*4016.5*	*3962.2*	*4920.9*	*4722.4*
57.5°	2368.8	2373.9	2660.7	3095.1	3429.4	3627.9	3906.2	4031.7	3804.4	*4713.9*	4481.4
60°	2141.4	2172.0	2465.5	2984.8	3442.9	3736.5	4048.7	3846.8	3515.9	*4330.4*	3980.8
62.5°	1503.4	1550.9	1934.4	2694.6	3346.2	3795.9	4025.0	3524.4	3154.5	*3738.2*	3346.2
65°	841.6	882.4	1196.3	2173.7	3079.8	3782.3	3780.6	3093.4	2574.1	*2701.4*	2392.6
67.5°	461.5	493.8	621.1	1635.8	2443.5	3492.1	3266.5	2360.3	1725.7	*1715.5*	1493.2
70°	322.4	324.1	392.0	1104.7	1756.3	2436.7	2553.8	1583.2	1070.7	*946.8*	799.2
72.5°	157.8	159.5	195.1	520.9	1074.1	1350.7	1751.2	823.0	600.7	*470.0*	400.5
75°	79.8	78.1	106.9	195.1	444.6	658.4	772.1	412.3	349.6	*257.9*	229.1
77.5°	50.9	52.6	62.8	106.9	200.2	256.2	237.6	224.0	205.3	*151.0*	130.7
80°	33.9	33.9	42.4	67.9	98.4	122.2	73.0	103.5	120.5	*88.2*	76.4
82.5°	10.2	10.2	25.5	37.3	47.5	49.2	32.2	47.5	67.9	*49.2*	37.3
85°	6.8	6.8	13.6	18.7	20.4	17.0	10.2	20.4	32.2	*22.1*	18.7
87.5°	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	*1.7*	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: P1502289
CATALOG NUMBER: GSS-SB2A-830-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	816.2	816.2	816.2	816.2	816.2	816.2	816.2	816.2	816.2	816.2	816.2
2.5°	817.9	819.6	824.7	826.4	829.8	831.5	831.5	831.5	829.8	831.5	834.9
5°	831.5	839.9	846.7	845.0	845.0	836.6	829.8	816.2	809.4	807.7	809.4
7.5°	865.4	872.2	879.0	868.8	843.3	804.3	761.9	728.0	699.1	685.5	690.6
10°	926.5	935.0	935.0	887.5	816.2	724.6	648.2	585.4	537.9	512.5	524.3
12.5°	1014.7	1021.5	1004.5	904.4	768.7	617.7	490.4	385.2	324.1	293.6	286.8
15°	1116.5	1126.7	1069.0	901.0	694.0	461.5	305.4	229.1	207.0	200.2	201.9
17.5°	1247.2	1252.3	1140.3	873.9	565.1	302.0	217.2	195.1	190.0	186.7	186.7
20°	1408.4	1393.1	1198.0	828.1	412.3	237.6	200.2	183.3	178.2	176.5	178.2
22.5°	1581.5	1557.7	1245.5	741.5	312.2	224.0	191.7	173.1	166.3	164.6	164.6
25°	1763.0	1708.7	1282.8	614.3	291.9	220.6	181.6	157.8	151.0	147.6	147.6
27.5°	1970.1	1876.7	1303.2	514.1	297.0	215.5	169.7	144.2	134.1	130.7	130.7
30°	2199.1	2063.4	1304.9	493.8	307.1	208.7	157.8	129.0	118.8	113.7	115.4
32.5°	2477.4	2253.4	1299.8	526.0	313.9	203.6	144.2	113.7	105.2	100.1	100.1
35°	2765.9	2484.2	1279.4	587.1	317.3	188.4	127.3	100.1	89.9	88.2	89.9
37.5°	3052.7	2703.1	1250.6	621.1	300.3	154.4	103.5	86.5	79.8	79.8	79.8
40°	3314.0	2893.1	1211.6	592.2	239.3	112.0	84.8	74.7	71.3	69.6	71.3
42.5°	3509.1	3062.8	1140.3	498.9	169.7	89.9	74.7	66.2	62.8	62.8	64.5
45°	3722.9	3225.7	1002.8	366.5	129.0	78.1	64.5	57.7	56.0	56.0	57.7
47.5°	3938.4	3356.4	870.5	244.3	112.0	69.6	57.7	52.6	50.9	49.2	50.9
50°	4103.0	3419.2	697.4	178.2	101.8	62.8	52.6	49.2	45.8	44.1	44.1
52.5°	4220.1	3402.2	510.8	152.7	93.3	57.7	49.2	45.8	40.7	40.7	40.7
55°	*4148.8*	*3185.0*	*368.2*	*137.4*	*86.5*	*54.3*	*47.5*	*42.4*	*39.0*	*37.3*	*37.3*
57.5°	3802.7	2715.0	266.4	123.9	76.4	50.9	45.8	40.7	35.6	33.9	33.9
60°	3305.5	2114.3	198.5	108.6	66.2	49.2	40.7	39.0	33.9	30.5	30.5
62.5°	2701.4	1539.1	154.4	93.3	59.4	42.4	39.0	35.6	30.5	27.1	25.5
65°	1875.0	982.5	118.8	76.4	56.0	37.3	35.6	30.5	25.5	20.4	20.4
67.5°	1157.3	583.7	91.6	59.4	44.1	32.2	30.5	27.1	22.1	17.0	17.0
70°	639.7	308.8	62.8	44.1	33.9	25.5	23.8	23.8	18.7	15.3	13.6
72.5°	307.1	168.0	42.4	37.3	25.5	17.0	18.7	18.7	15.3	11.9	11.9
75°	185.0	100.1	28.8	28.8	17.0	13.6	13.6	15.3	11.9	8.5	8.5
77.5°	105.2	59.4	17.0	22.1	11.9	8.5	10.2	8.5	6.8	5.1	5.1
80°	59.4	33.9	10.2	15.3	6.8	5.1	5.1	3.4	3.4	1.7	1.7
82.5°	28.8	18.7	5.1	5.1	3.4	1.7	1.7	1.7	1.7	0.0	0.0
85°	13.6	3.4	1.7	1.7	1.7	1.7	1.7	1.7	1.7	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

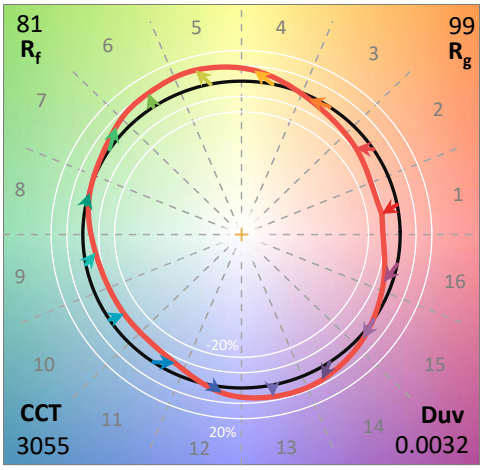
Test Information

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

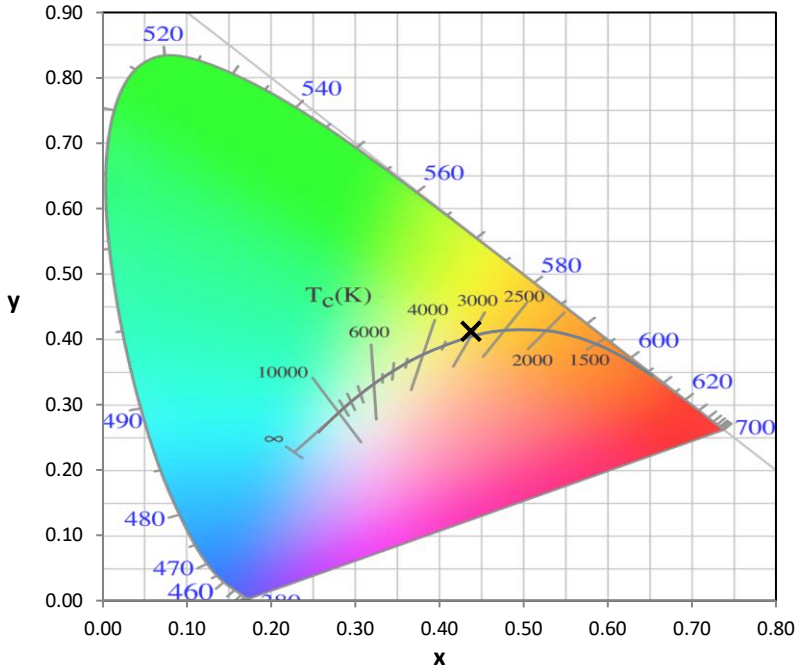
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

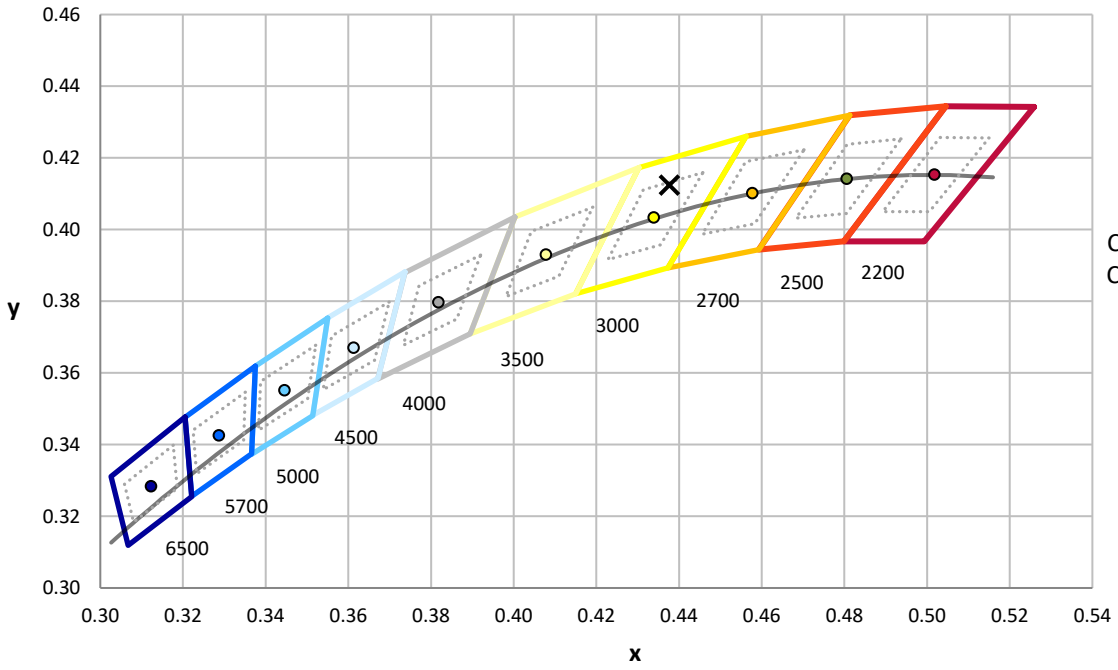
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

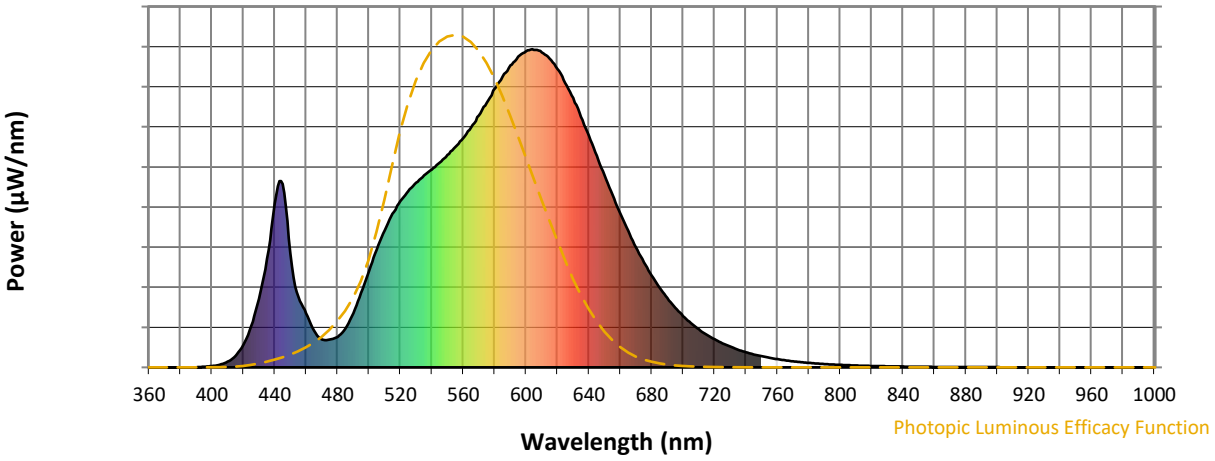


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

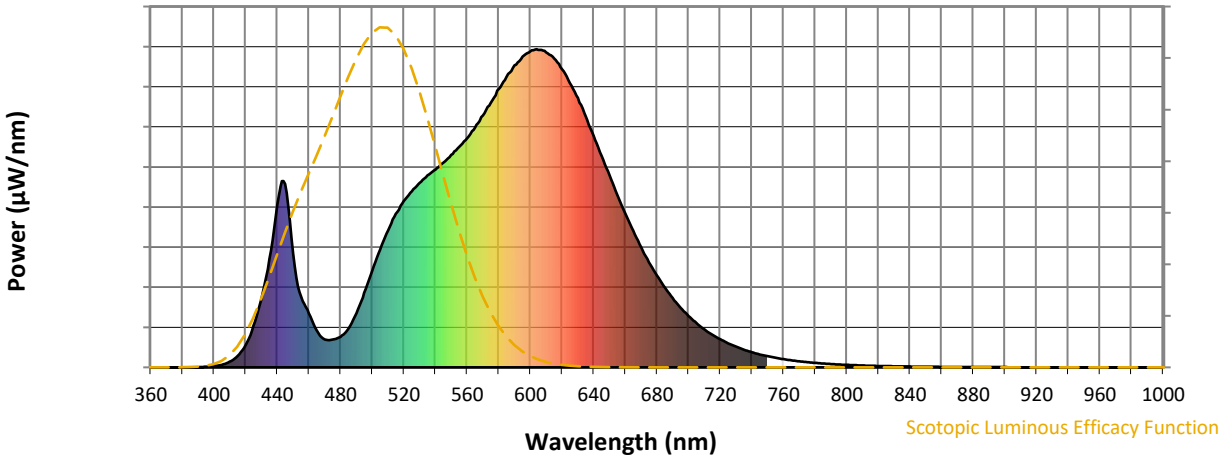


Photopic Lumens: NR

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

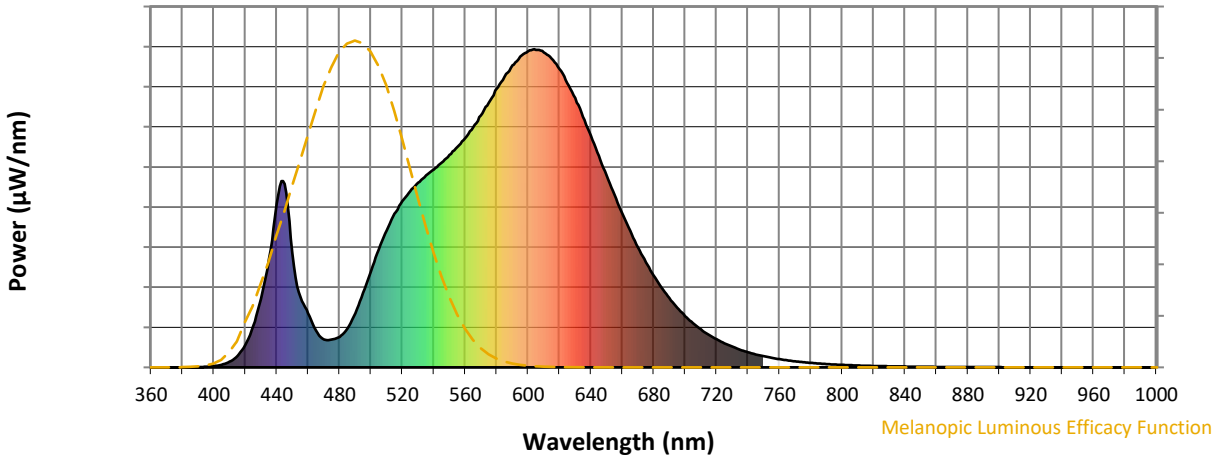


Scotopic Lumens: NR **S/P: 1.28**

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			

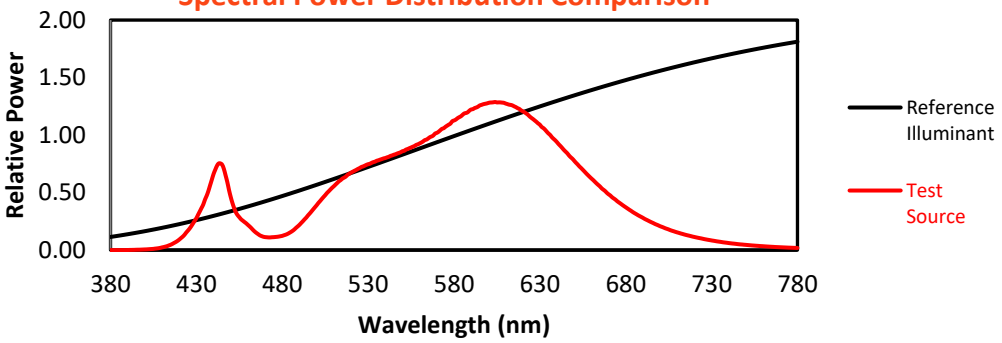
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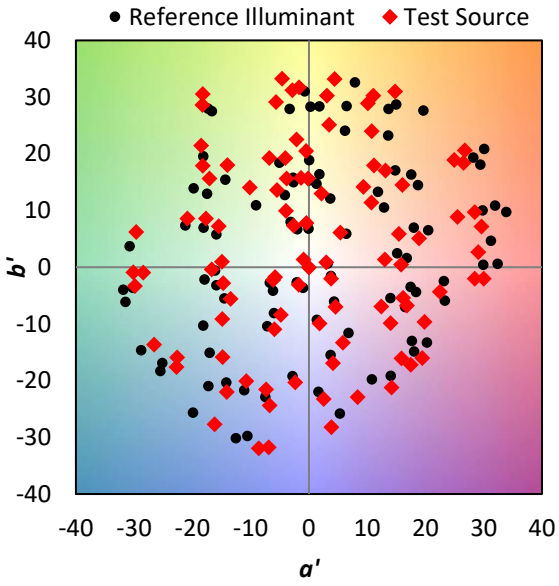
Summary

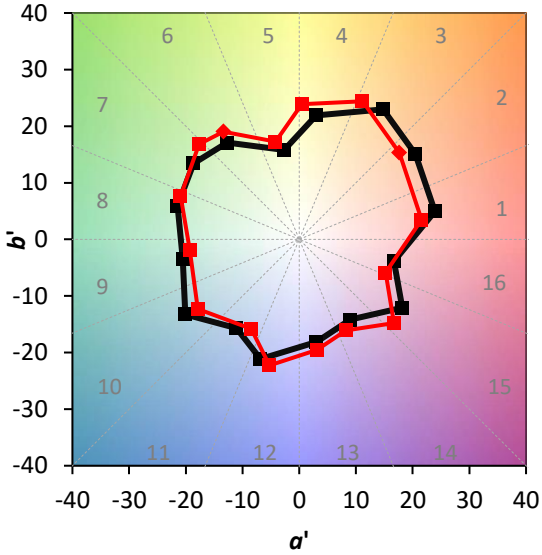
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

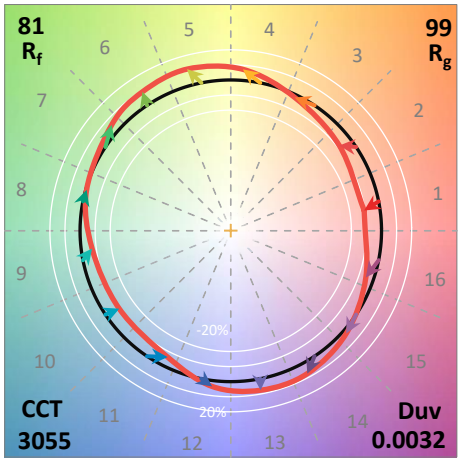
Spectral Power Distribution Comparison

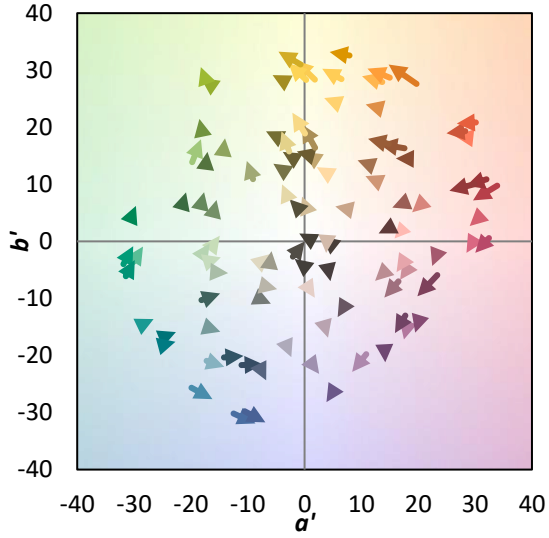


Color Vector Graphics







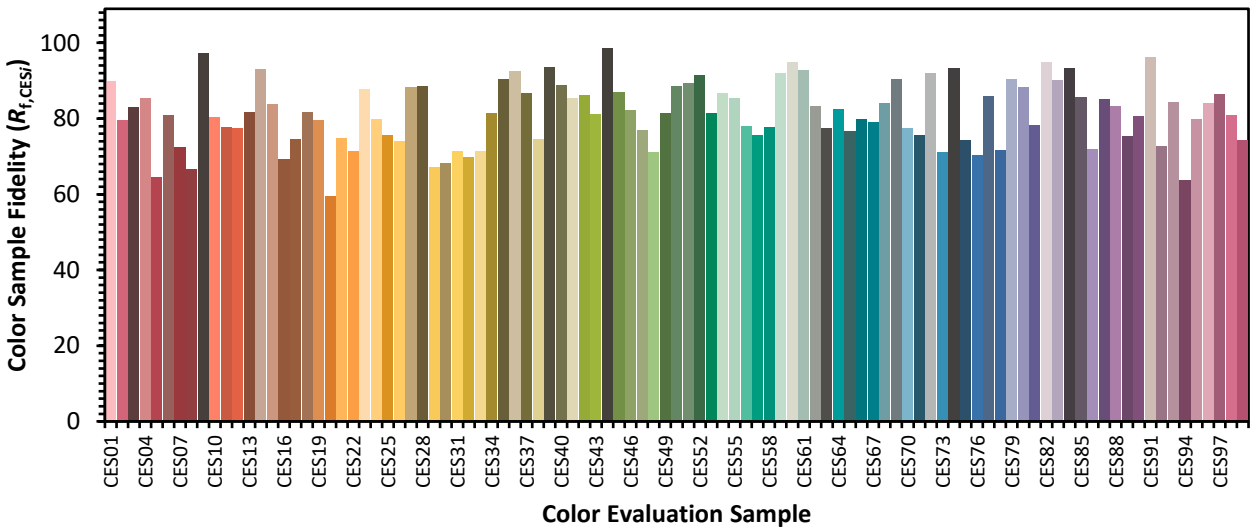


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Individual Sample Fidelity Index ($R_{f,i}$)

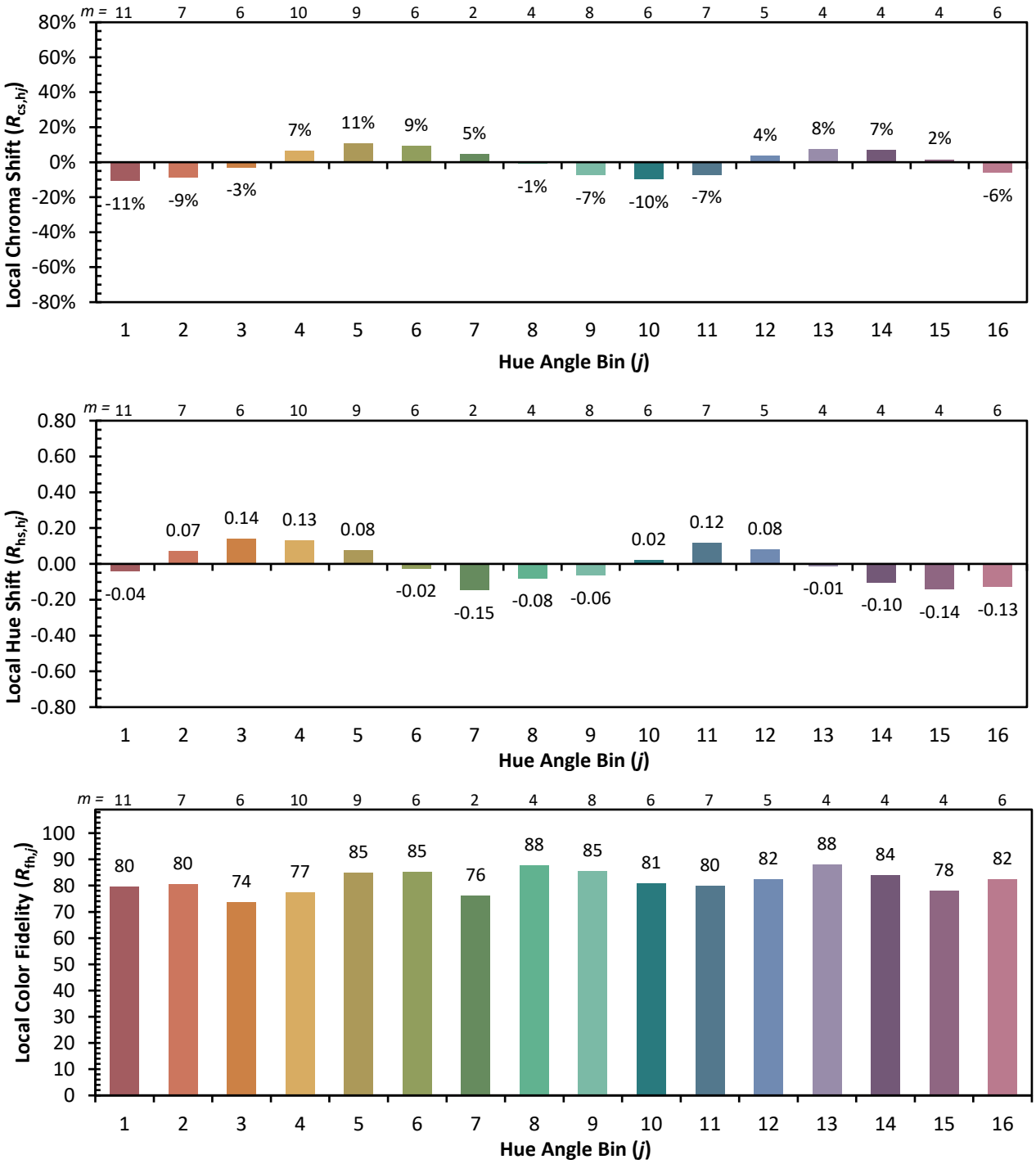
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57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



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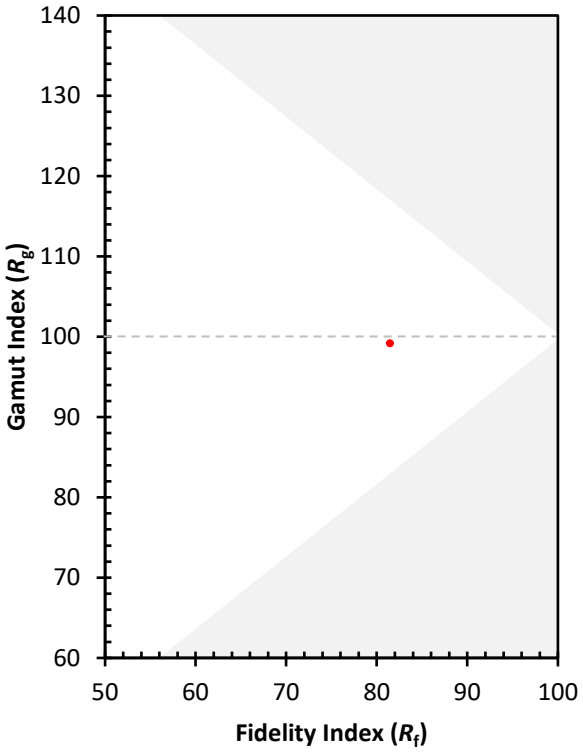
Color Rendition by Hue-Angle Bin

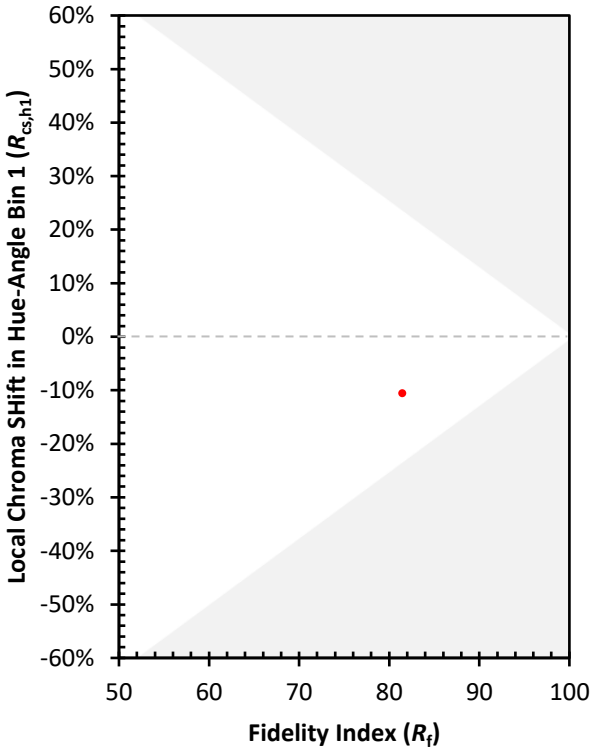


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Measure Comparisons





(END OF REPORT)