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: P1501152

Luminaire Tested: GSS-SB5D-830-U-T3LG

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:	P1501152
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5D-830-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 302W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	39229.4 lumens
Efficiency:	N/A
Efficacy:	129.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B4 - U0 - G4

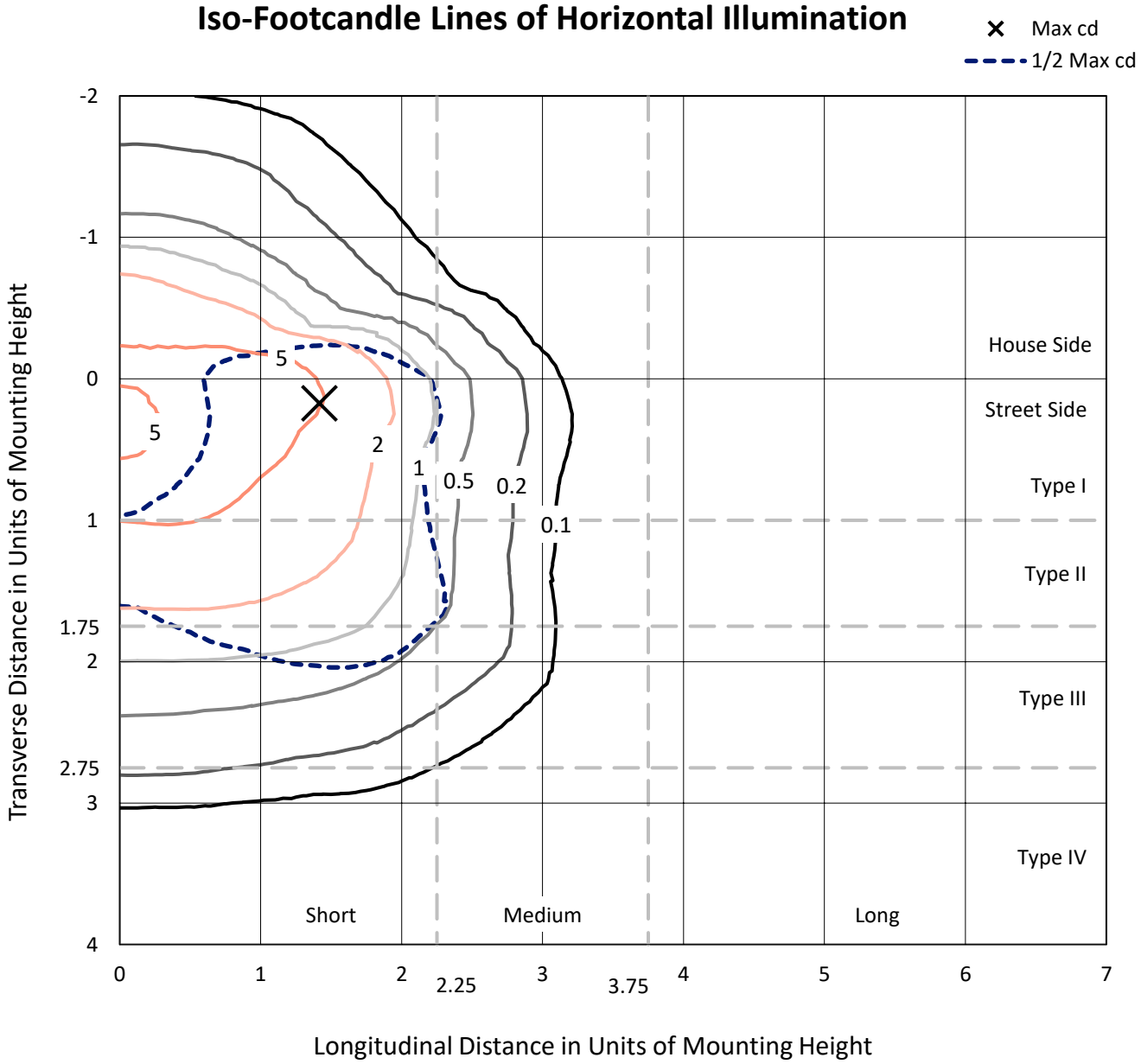
Input Watts (W):	302
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1501152
CATALOG NUMBER: GSS-SB5D-830-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



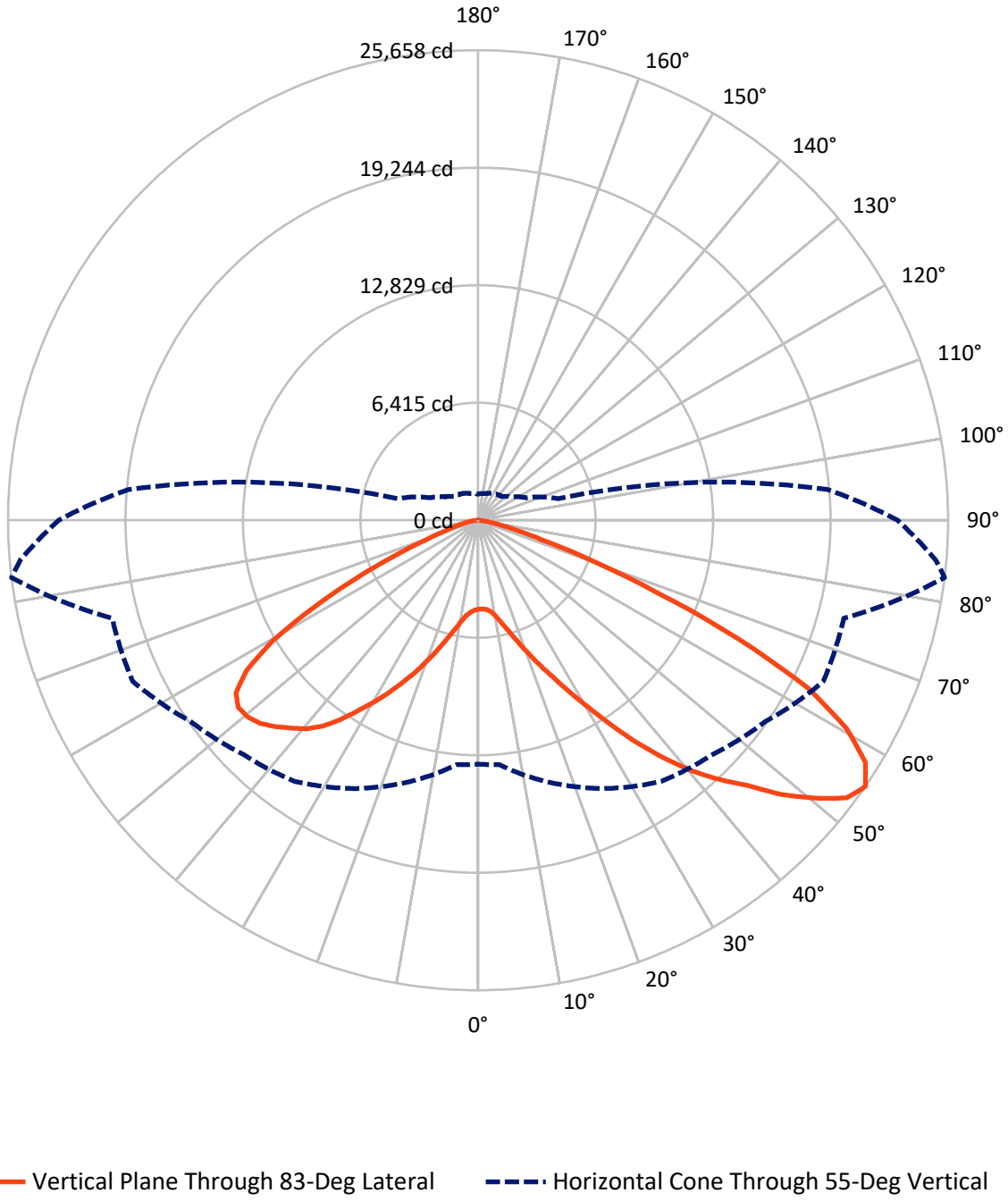
Based on 30 foot mounting height. Maximum calculated value = 9.1 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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Scaled Data Report

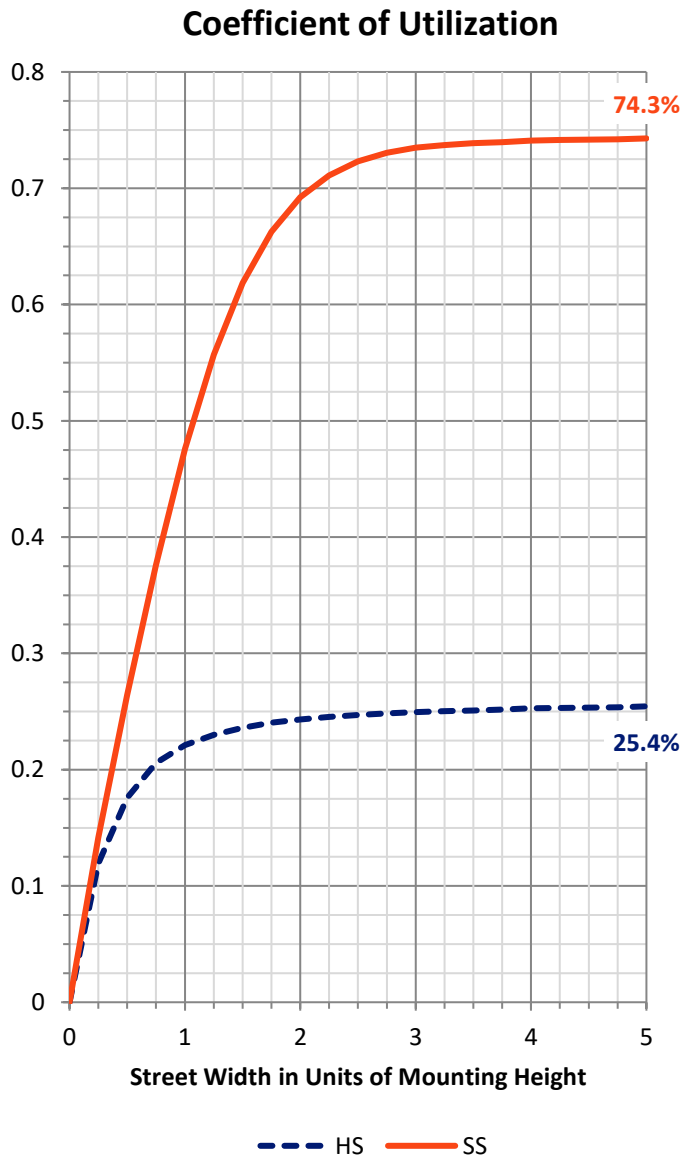
REPORT NUMBER: P1501152
CATALOG NUMBER: GSS-SB5D-830-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10067.1	0.0	10067.1
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	29162.3	0.0	29162.3
	% Fixture	74.3	0.0	74.3
Total	Lumens	39229.4	0.0	39229.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	469.2	1.2
10°-20°	1528.5	3.9
20°-30°	3060.2	7.8
30°-40°	5444.5	13.9
40°-50°	8204.6	20.9
50°-60°	9997.9	25.5
60°-70°	8084.7	20.6
70°-80°	2214.3	5.6
80°-90°	225.5	0.6
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°	39229.4	100.0
0°-180°	39229.4	100.0



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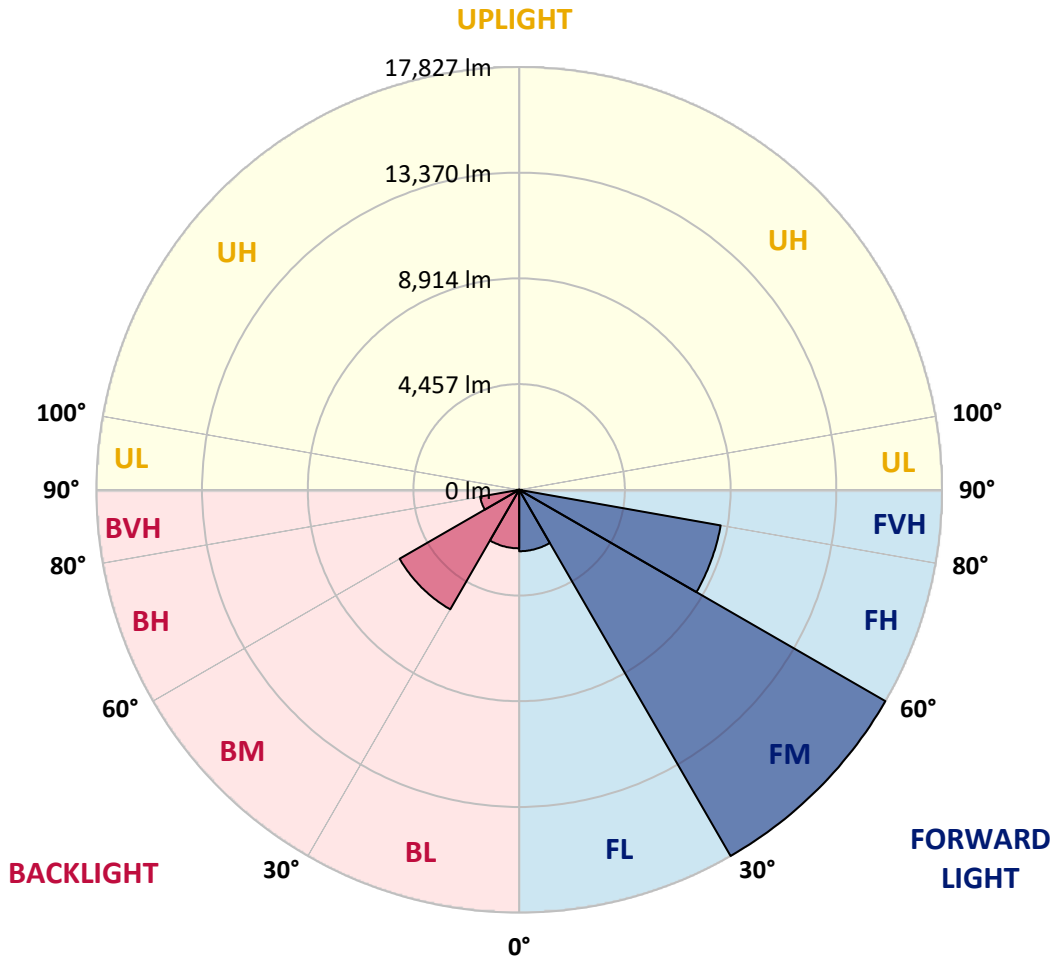
Scaled Data Report

REPORT NUMBER: P1501152
CATALOG NUMBER: GSS-SB5D-830-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2590.2	6.6			
FM	(30°-60°)	17827.1	45.4			
FH	(60°-80°)	8627.6	22.0			G4/12000
FVH	(80°-90°)	117.5	0.3			G2/225
BL	(0°-30°)	2467.7	6.3	B3/2500		
BM	(30°-60°)	5819.9	14.8	B4/8500		
BH	(60°-80°)	1671.4	4.3	B3/2500		G3/2500
BVH	(80°-90°)	108.1	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	4856.2	4856.2	4856.2	4856.2	4856.2	4856.2	4856.2	4856.2	4856.2	*4856.2*	4856.2
2.5°	4716.7	4708.0	4699.3	4690.5	4708.0	4734.1	4760.3	4777.7	4821.3	*4856.2*	4838.7
5°	4341.8	4324.4	4341.8	4411.5	4472.6	4577.2	4681.8	4751.6	4847.5	*4891.1*	4908.5
7.5°	4010.5	3993.1	4010.5	4097.7	4202.3	4368.0	4585.9	4760.3	4934.7	*5039.3*	5056.7
10°	4010.5	4019.2	4019.2	4054.1	4106.4	4272.0	4533.6	4864.9	5170.1	*5318.3*	5353.1
12.5°	4141.3	4141.3	4141.3	4184.9	4219.7	4350.5	4646.9	5056.7	5544.9	*5762.9*	5789.1
15°	4315.6	4306.9	4333.1	4359.2	4420.3	4551.0	4847.5	5335.7	5954.7	*6286.0*	6320.9
17.5°	4559.8	4542.3	4568.5	4629.5	4716.7	4864.9	5161.3	5719.3	6521.4	*6939.9*	6992.2
20°	4830.0	4821.3	4873.6	4969.5	5091.6	5274.7	5614.7	6181.4	7166.6	*7698.4*	7794.3
22.5°	5152.6	5135.2	5231.1	5405.4	5571.1	5780.3	6190.1	6783.0	7907.6	*8544.1*	8640.0
25°	5518.8	5518.8	5649.6	5858.8	6111.6	6486.5	6896.3	7550.2	8779.5	*9459.5*	9607.7
27.5°	6120.4	6164.0	6216.3	6434.2	6791.7	7297.4	7733.3	8474.3	9729.8	*10584.2*	10636.5
30°	7096.8	7079.4	7166.6	7314.8	7611.2	8143.0	8796.9	9590.3	10933.0	*11831.0*	11961.7
32.5°	7977.4	8003.6	8125.6	8404.6	8762.1	9215.4	10000.1	10976.5	12240.7	*13278.2*	13339.3
35°	8866.7	8884.1	9119.5	9538.0	10069.8	10575.5	11429.9	12388.9	13661.8	*14891.1*	15056.8
37.5°	10113.4	10096.0	10331.4	10688.8	11403.8	12188.4	12877.2	13792.6	15021.9	*16460.5*	16652.3
40°	11046.3	11142.2	11586.8	12040.2	12711.5	13522.3	14106.5	14969.6	16137.9	*17994.9*	18169.3
42.5°	12005.3	12083.8	12676.6	13356.7	14062.9	14612.1	15065.5	15867.6	17027.2	*19355.0*	19450.9
45°	12798.7	12903.3	13583.4	14446.5	15178.8	15736.8	15893.8	16643.6	17933.9	*20662.8*	20811.0
47.5°	13304.4	13417.7	14219.8	15231.2	15980.9	16573.8	16521.5	17576.4	18901.6	*22397.7*	22345.4
50°	13653.1	13722.9	14594.7	15675.8	16652.3	17044.6	17271.3	18631.4	19895.5	*23853.7*	23661.9
52.5°	13906.0	14019.3	14812.7	15998.4	17027.2	17541.6	18151.8	19851.9	20584.3	*25187.6*	24760.4
55°	*13313.1*	*13400.3*	*14795.2*	*16164.0*	*17410.8*	*18090.8*	*19154.5*	*20802.3*	*20671.5*	*25658.4*	*25083.0*
57.5°	12702.8	12772.6	14062.9	16120.4	17829.3	18770.9	20296.6	20924.3	19895.5	*24934.8*	24211.2
60°	11935.6	11987.9	13278.2	15658.4	17838.0	19302.7	20880.7	20035.0	18457.0	*23112.7*	22423.9
62.5°	10523.2	10523.2	11944.3	14411.6	17402.1	19573.0	20723.8	18352.4	16530.2	*20244.3*	19294.0
65°	9128.2	9067.2	10026.2	12188.4	16242.5	19503.2	19546.8	16225.1	13539.8	*15614.8*	14873.7
67.5°	7611.2	7619.9	8186.6	9895.5	13156.2	18047.2	17062.0	12537.2	9433.4	*10514.5*	10130.9
70°	5152.6	5283.4	5858.8	7184.0	9921.6	12790.0	13583.4	8491.8	5885.0	*6530.1*	6216.3
72.5°	1961.7	1987.8	2659.1	3766.4	6268.6	7689.7	9477.0	4751.6	3443.8	*3600.7*	3618.2
75°	828.3	863.1	1133.4	1586.8	2781.2	4193.6	4987.0	2406.3	2092.4	*2153.5*	2136.0
77.5°	558.0	575.4	688.8	854.4	1255.5	1682.7	2083.7	1360.1	1281.6	*1203.1*	1168.3
80°	418.5	418.5	497.0	575.4	706.2	863.1	906.7	688.8	767.2	*636.4*	619.0
82.5°	270.3	287.7	313.9	340.0	401.0	427.2	366.2	374.9	444.6	*331.3*	313.9
85°	130.8	139.5	148.2	156.9	156.9	148.2	130.8	165.7	226.7	*139.5*	130.8
87.5°	17.4	17.4	17.4	17.4	17.4	17.4	8.7	8.7	8.7	*8.7*	8.7
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: P1501152
CATALOG NUMBER: GSS-SB5D-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4856.2	4856.2	4856.2	4856.2	4856.2	4856.2	4856.2	4856.2	4856.2	4856.2	4856.2
2.5°	4864.9	4899.8	4925.9	4943.4	4987.0	4978.2	5004.4	5021.8	5039.3	5065.4	5030.6
5°	4952.1	5013.1	5082.9	5135.2	5187.5	5213.6	5222.4	5239.8	5248.5	5266.0	5257.2
7.5°	5143.9	5213.6	5318.3	5370.6	5414.2	5414.2	5388.0	5379.3	5353.1	5370.6	5370.6
10°	5466.5	5571.1	5684.4	5693.2	5640.8	5579.8	5483.9	5431.6	5361.9	5344.4	5327.0
12.5°	5937.3	6076.8	6164.0	6102.9	5919.8	5693.2	5440.3	5204.9	5021.8	4943.4	4925.9
15°	6469.1	6643.5	6660.9	6486.5	6155.2	5606.0	5074.1	4812.6	4716.7	4716.7	4708.0
17.5°	7201.5	7323.5	7253.8	6835.3	6094.2	5196.2	4812.6	4769.0	4795.2	4830.0	4830.0
20°	7968.7	8108.2	7820.5	7079.4	5719.3	4952.1	4838.7	4873.6	4934.7	4969.5	4960.8
22.5°	8884.1	8953.9	8395.9	7088.1	5318.3	4891.1	4891.1	4934.7	4978.2	5030.6	5030.6
25°	9825.7	9799.6	8927.7	6765.5	5091.6	4873.6	4856.2	4891.1	4908.5	4934.7	4925.9
27.5°	10880.6	10741.1	9337.5	6251.1	5021.8	4821.3	4734.1	4699.3	4716.7	4742.8	4751.6
30°	12092.5	11761.2	9668.8	5928.6	4995.7	4699.3	4490.0	4394.1	4376.7	4411.5	4411.5
32.5°	13496.2	12781.3	9869.3	5885.0	4969.5	4481.3	4202.3	4019.2	3984.3	4001.8	4045.4
35°	14934.7	14010.6	9817.0	5998.3	4978.2	4306.9	3897.2	3653.0	3618.2	3635.6	3679.2
37.5°	16443.0	15178.8	9616.5	6172.7	4908.5	4071.5	3618.2	3321.7	3269.4	3304.3	3321.7
40°	17611.3	16164.0	9119.5	6242.4	4786.4	3775.1	3295.6	3042.7	2903.2	2894.5	2938.1
42.5°	18692.4	16940.0	8579.0	6129.1	4533.6	3461.2	2964.3	2711.4	2493.5	2327.8	2327.8
45°	19773.5	17724.6	8029.7	5806.5	4115.1	3129.9	2615.5	2275.5	2022.7	1900.6	1909.3
47.5°	20854.6	18483.1	7375.8	5318.3	3696.6	2781.2	2240.6	1970.4	1796.0	1700.1	1700.1
50°	21857.2	19032.4	6538.8	4542.3	3217.1	2432.5	1979.1	1822.2	1691.4	1604.2	1586.8
52.5°	22737.8	19398.6	5405.4	3600.7	2694.0	2040.1	1839.6	1717.5	1621.6	1525.7	1499.6
55°	*22894.7*	*19154.5*	*4524.9*	*2894.5*	*2223.2*	*1830.9*	*1735.0*	*1630.4*	*1499.6*	*1456.0*	*1429.8*
57.5°	21926.9	17864.1	3818.7	2441.2	1900.6	1682.7	1647.8	1525.7	1421.1	1377.5	1351.4
60°	20279.2	15518.9	3156.1	2092.4	1691.4	1543.2	1586.8	1464.7	1299.1	1272.9	1246.7
62.5°	17314.9	12109.9	2519.6	1761.1	1534.4	1438.5	1482.1	1307.8	1168.3	1133.4	1124.7
65°	13461.3	8666.2	2118.6	1551.9	1412.4	1333.9	1316.5	1159.6	1054.9	1028.8	1028.8
67.5°	9398.5	5510.1	1769.8	1421.1	1255.5	1203.1	1194.4	1089.8	1020.1	993.9	993.9
70°	5754.2	3339.2	1490.9	1299.1	1107.2	1011.3	1072.4	1054.9	950.3	924.2	915.4
72.5°	2990.4	1996.5	1307.8	1194.4	932.9	863.1	959.0	967.7	880.6	915.4	906.7
75°	1735.0	1386.2	1142.1	1054.9	741.1	723.6	837.0	924.2	854.4	880.6	863.1
77.5°	993.9	889.3	880.6	863.1	584.1	592.9	749.8	828.3	732.4	758.5	697.5
80°	549.3	575.4	610.3	540.5	409.8	462.1	601.6	662.6	558.0	549.3	505.7
82.5°	287.7	357.5	409.8	348.7	235.4	279.0	409.8	409.8	357.5	340.0	331.3
85°	130.8	148.2	191.8	174.4	87.2	104.6	191.8	209.2	183.1	165.7	156.9
87.5°	8.7	8.7	8.7	8.7	8.7	8.7	17.4	26.2	8.7	8.7	8.7
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

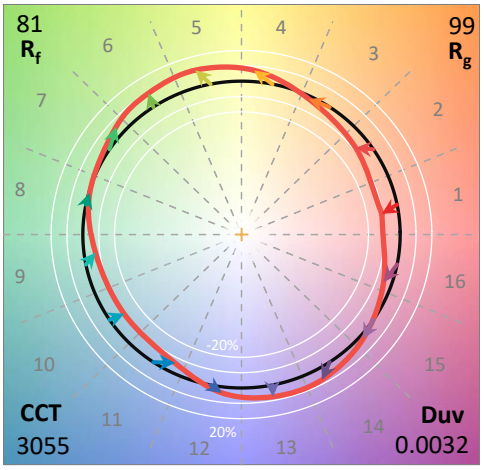
Test Information

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

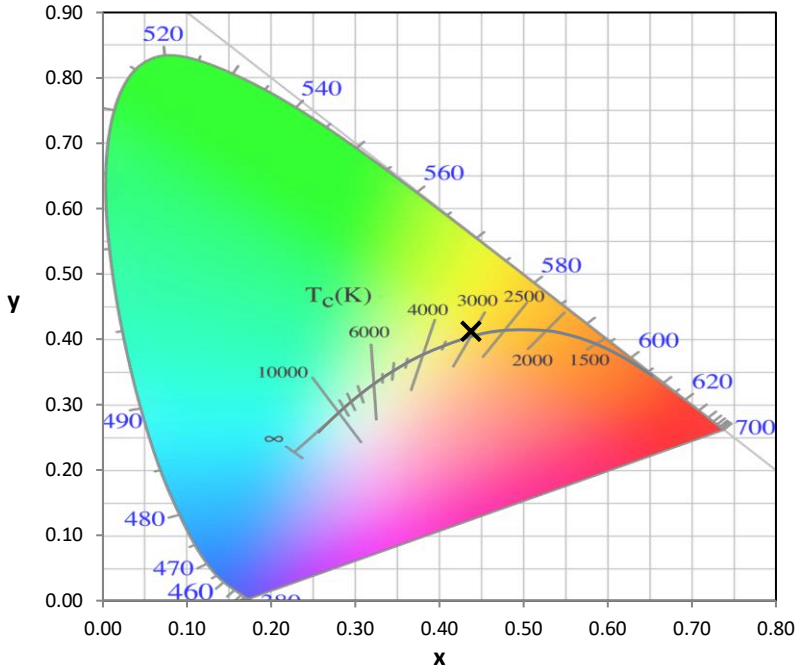
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

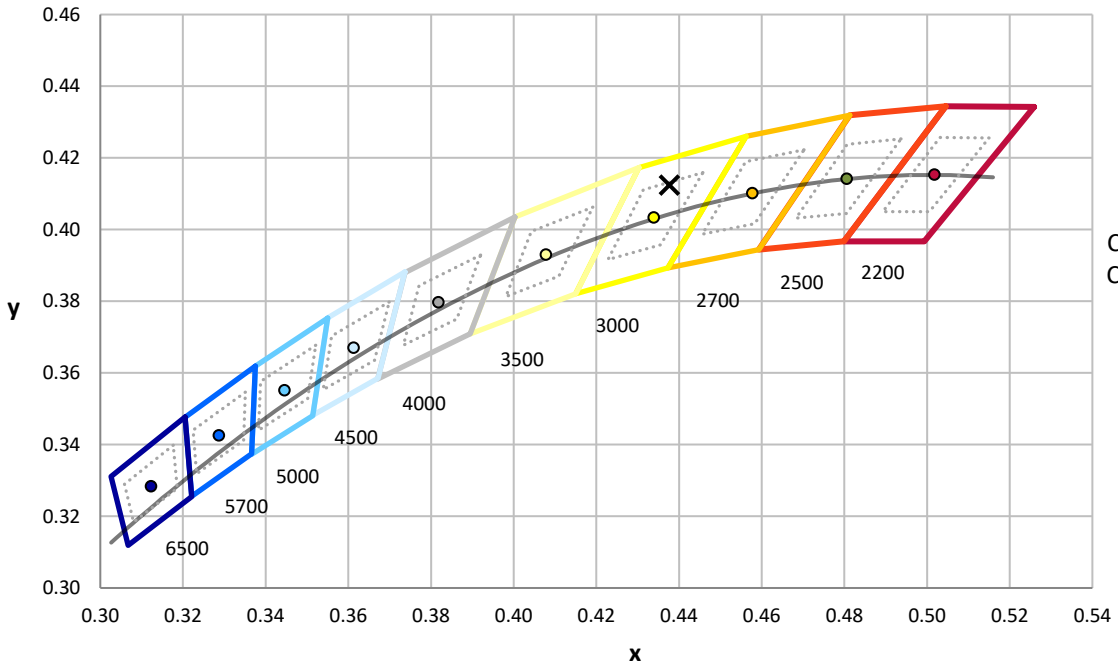
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

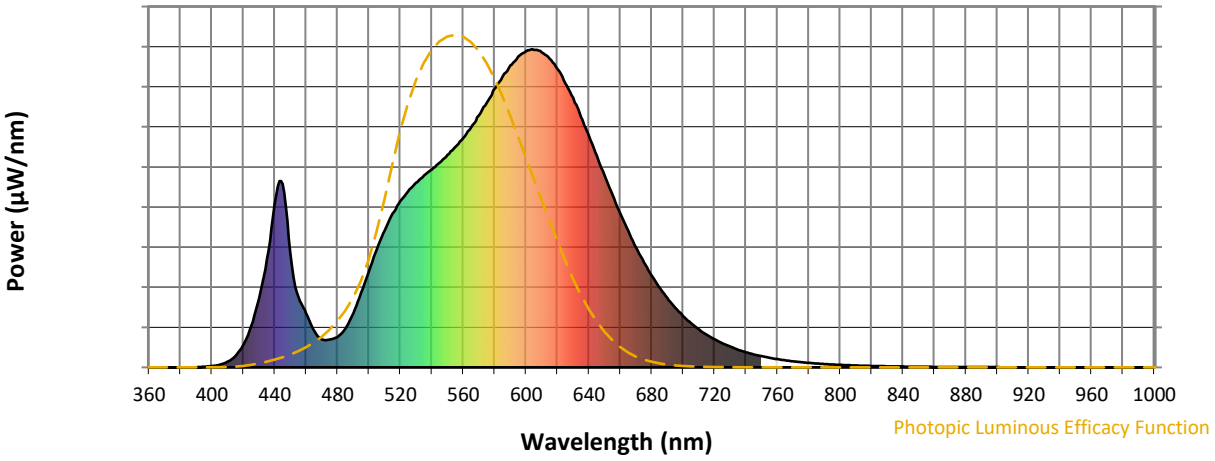


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

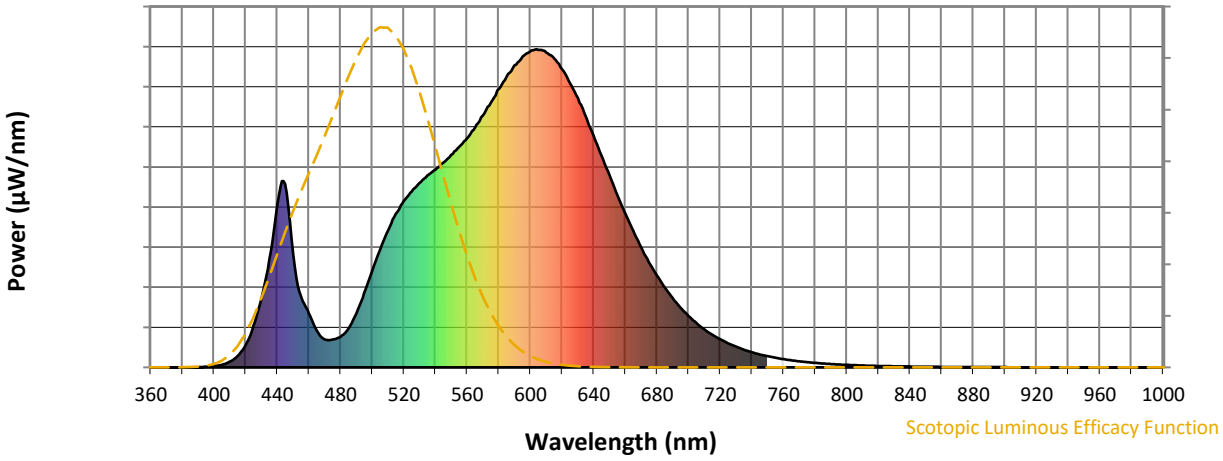


Photopic Lumens: NR

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

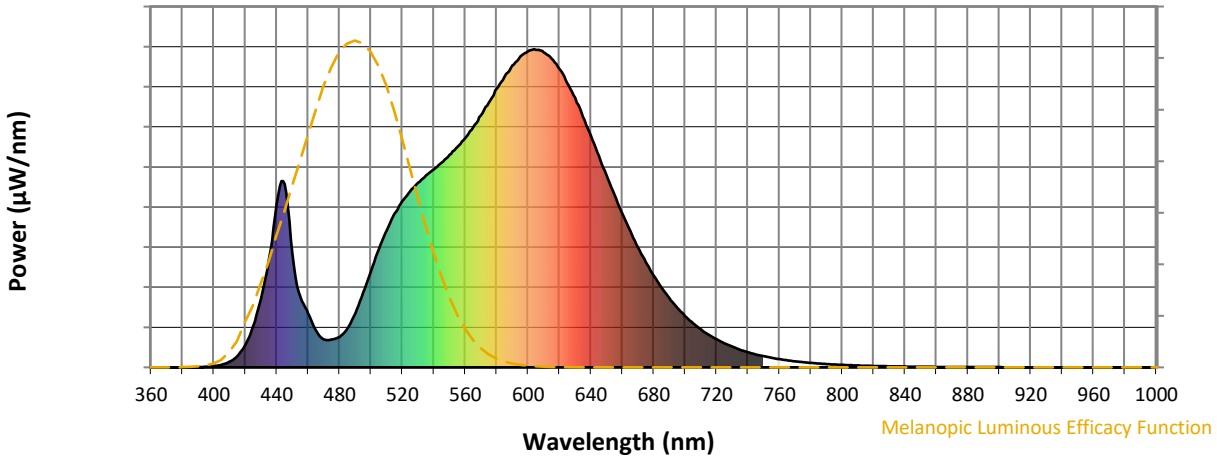


Scotopic Lumens: NR **S/P: 1.28**

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			

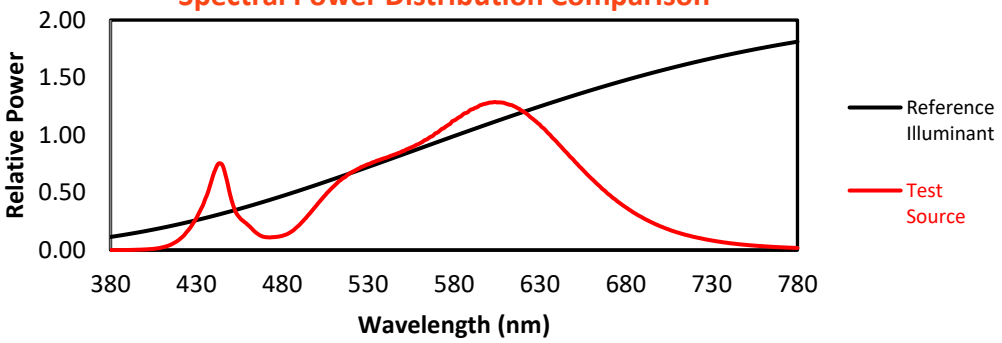
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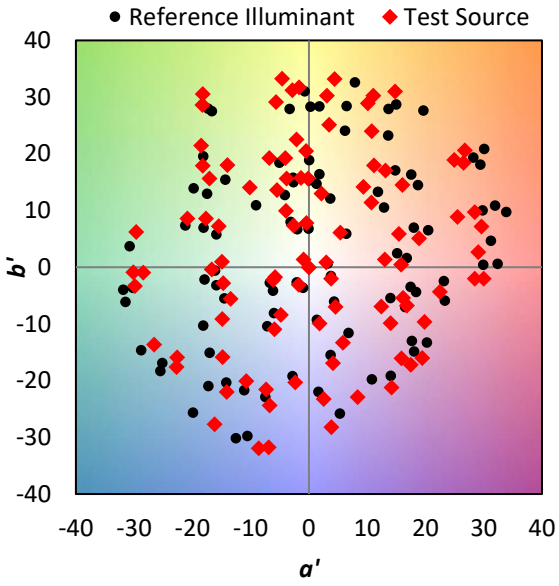
Summary

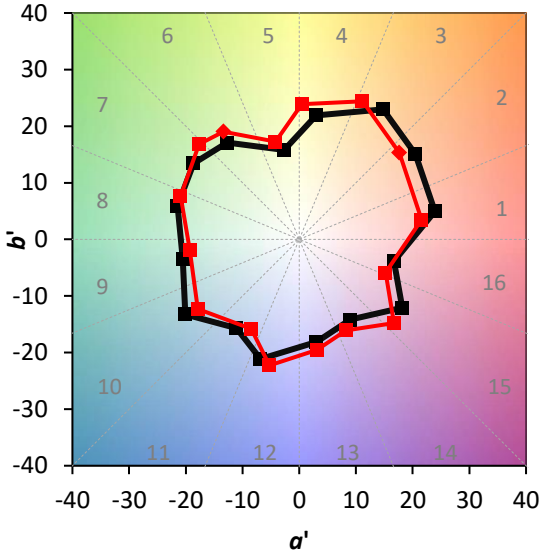
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

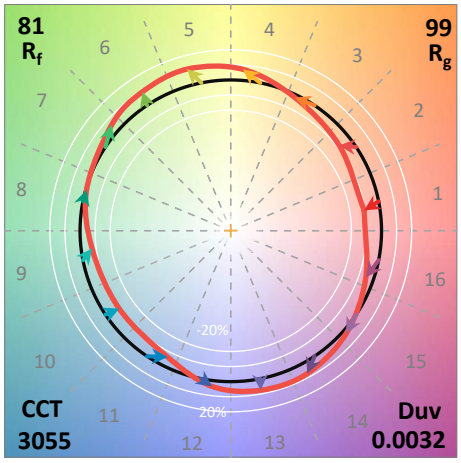
Spectral Power Distribution Comparison

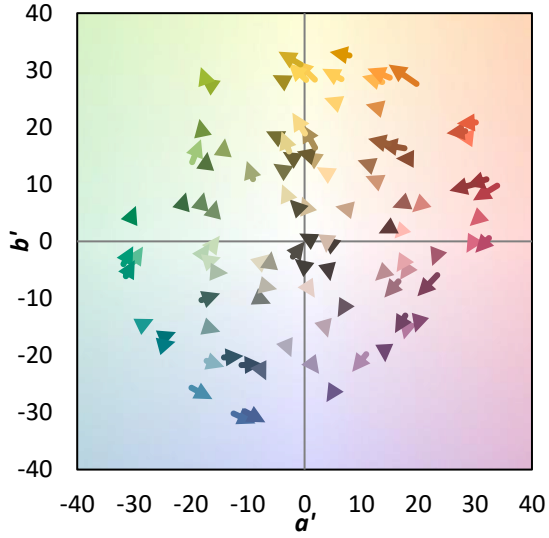


Color Vector Graphics







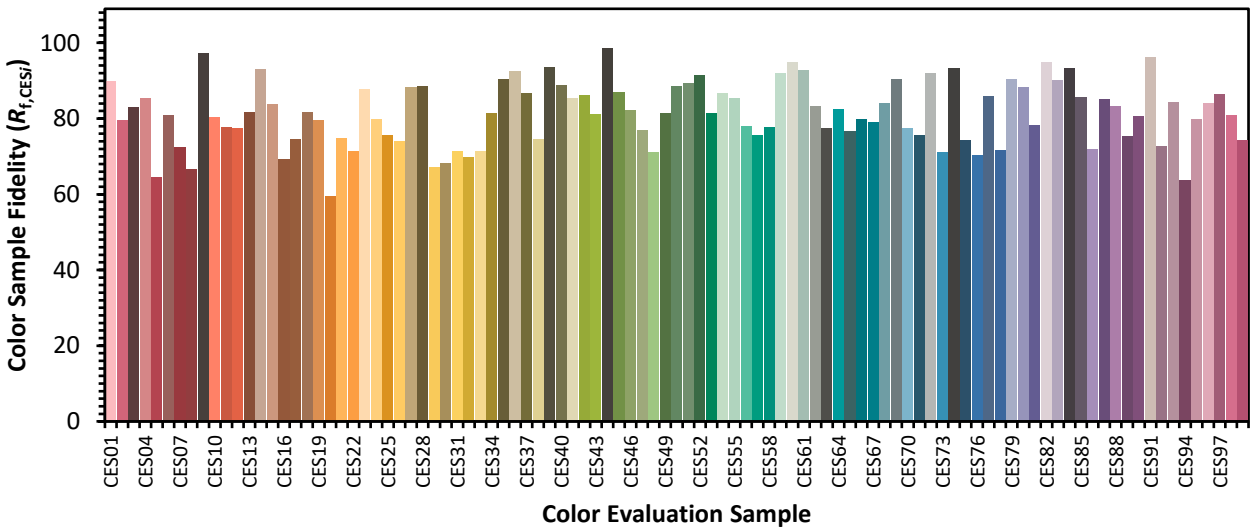


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Individual Sample Fidelity Index ($R_{f,i}$)

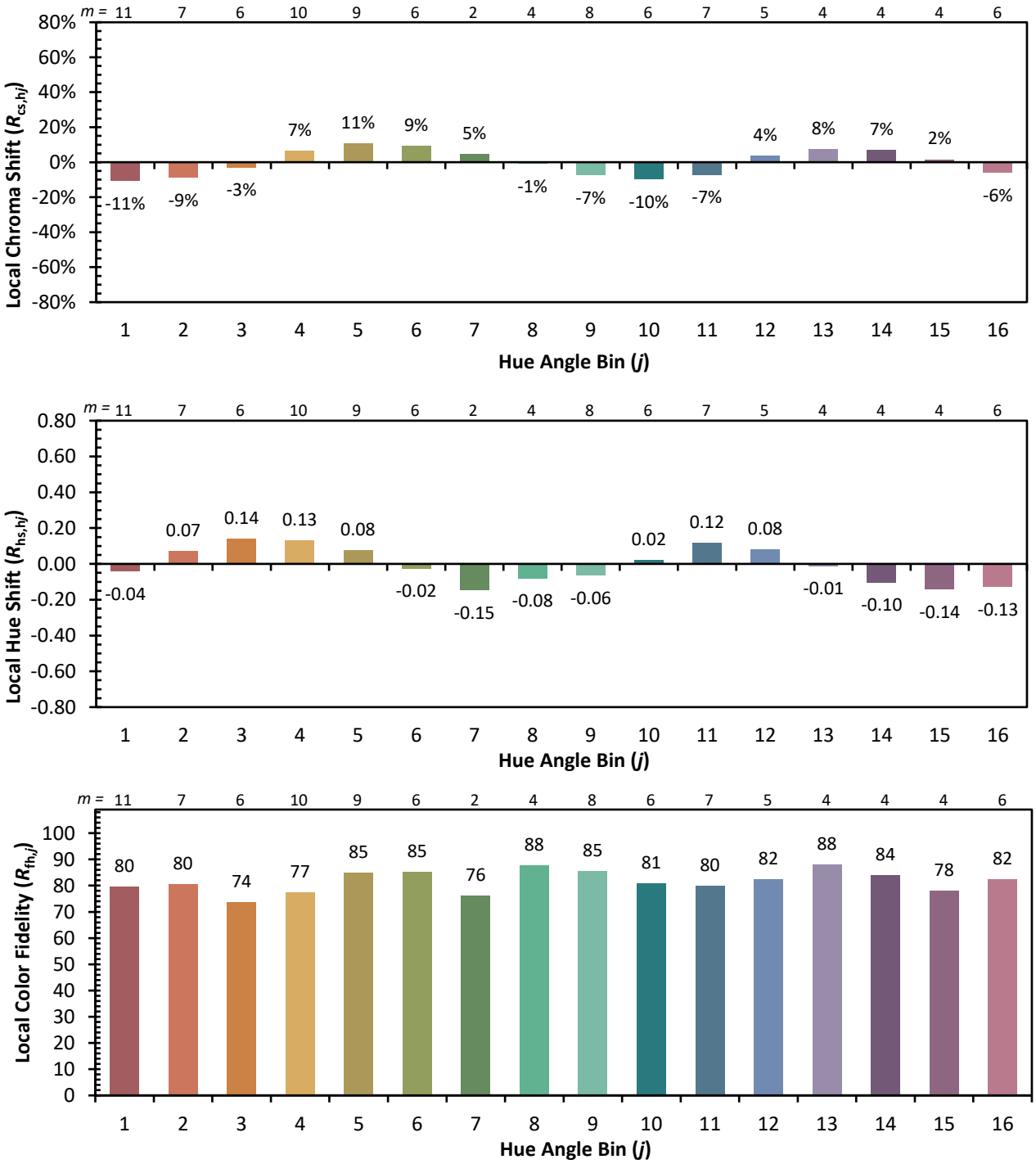
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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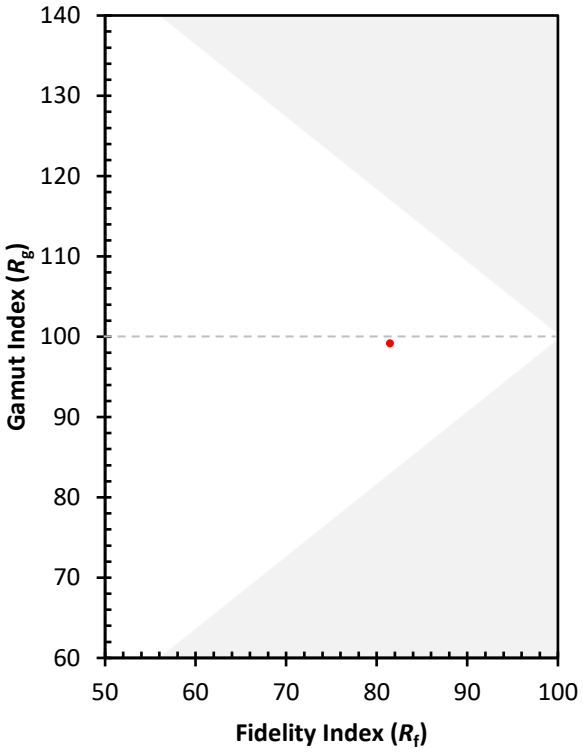
Color Rendition by Hue-Angle Bin

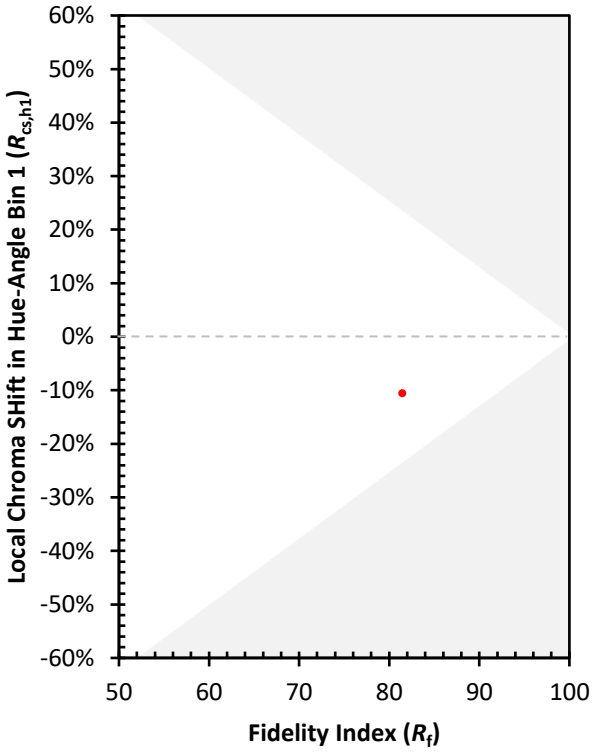


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Measure Comparisons





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