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: STREETWORKS

Report Number: P1457786

Luminaire Tested: GLAN-SB4D-830-U-T2LG-HSS

Issue Date: 05/20/2026

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:	P1457786
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-830-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26534.6 lumens
Efficiency:	N/A
Efficacy:	90.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	293.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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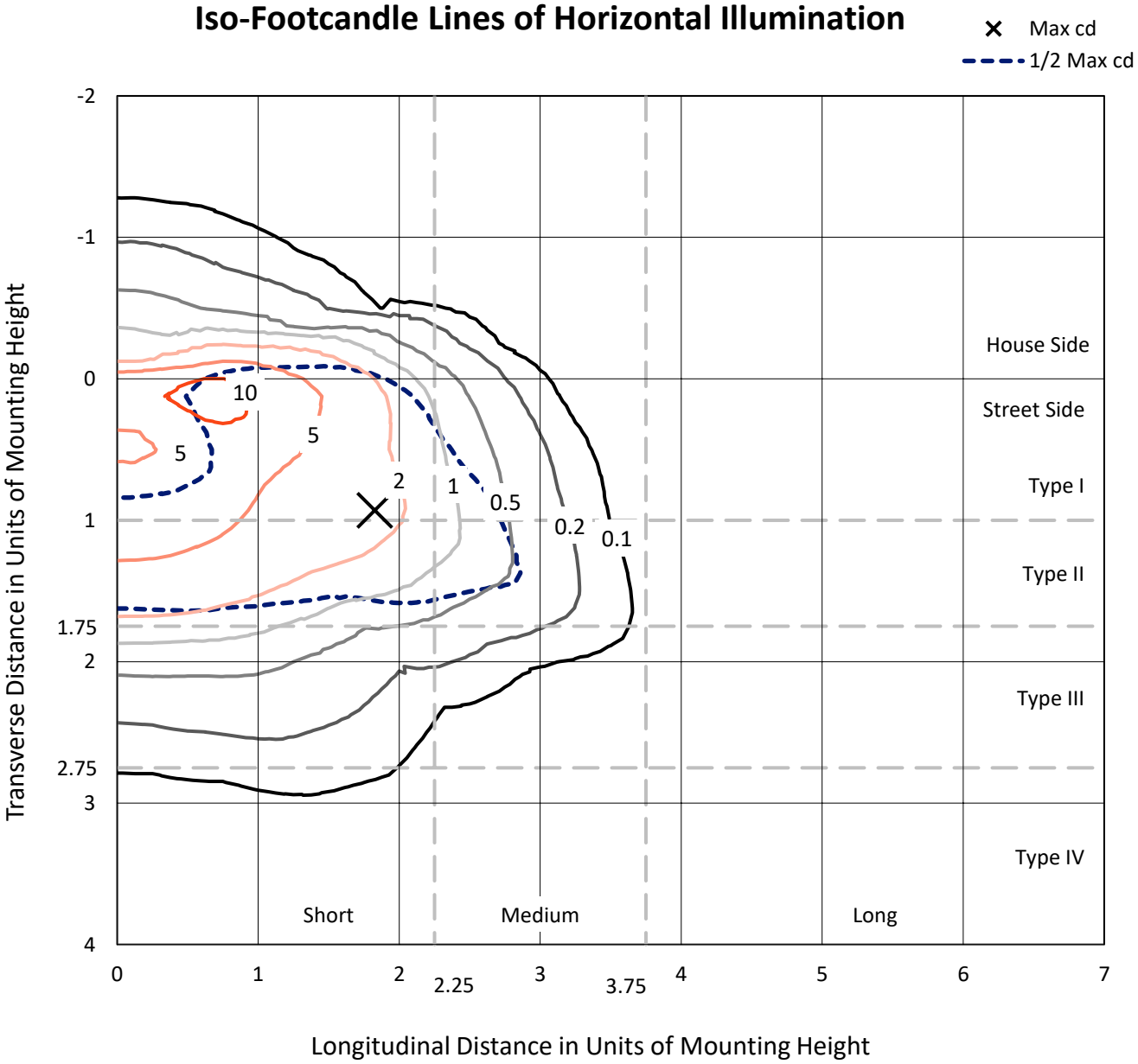
REPORT NUMBER: P1457786
CATALOG NUMBER: GLAN-SB4D-830-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 12.2 fc
Type II - Short - N/A

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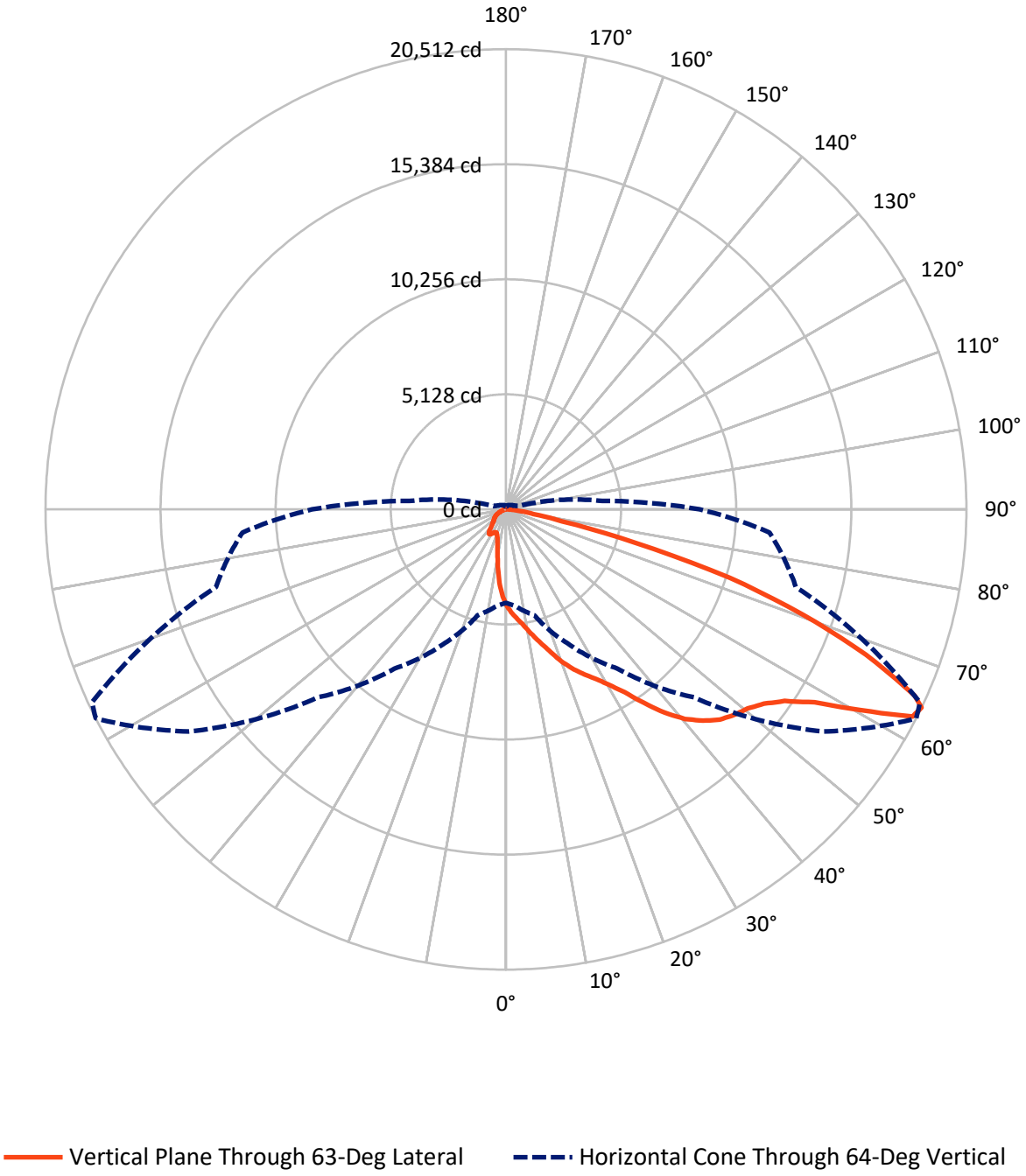
Luminous Intensity Polar Plot



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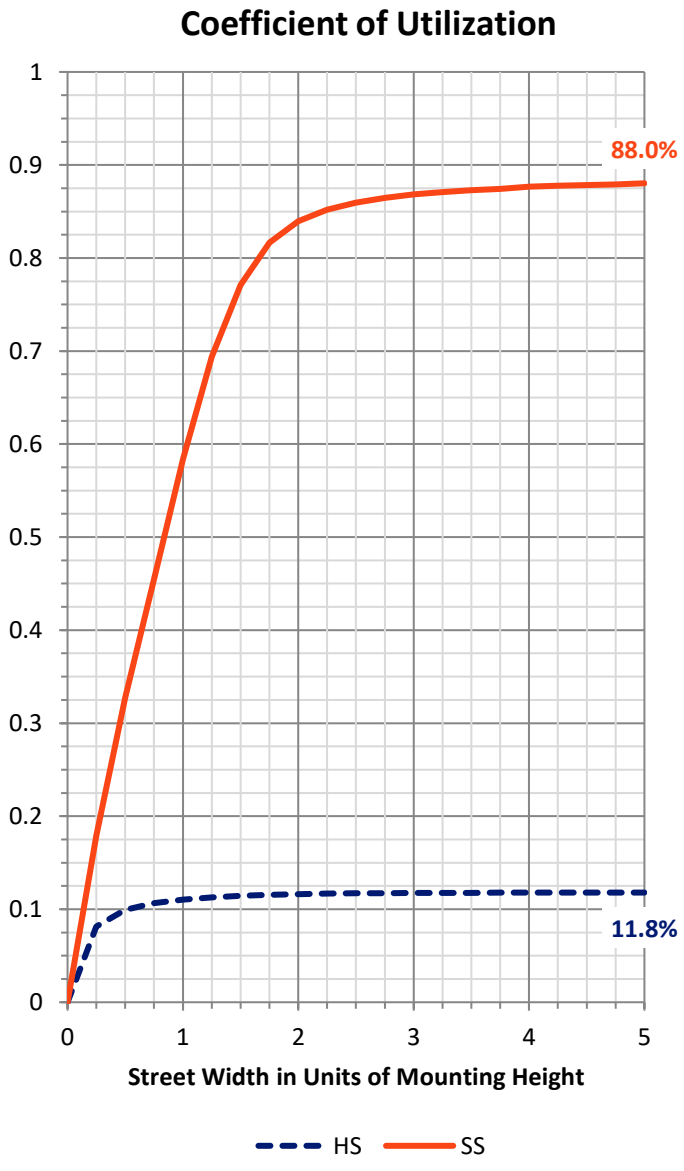
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3148.8	0.0	3148.8
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	23385.8	0.0	23385.8
	% Fixture	88.1	0.0	88.1
Total	Lumens	26534.6	0.0	26534.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	361.3	1.4
10°-20°	1015.3	3.8
20°-30°	1808.2	6.8
30°-40°	3453.7	13.0
40°-50°	5724.7	21.6
50°-60°	7135.8	26.9
60°-70°	5320.9	20.1
70°-80°	1526.0	5.8
80°-90°	188.7	0.7
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°	26534.6	100.0
0°-180°	26534.6	100.0



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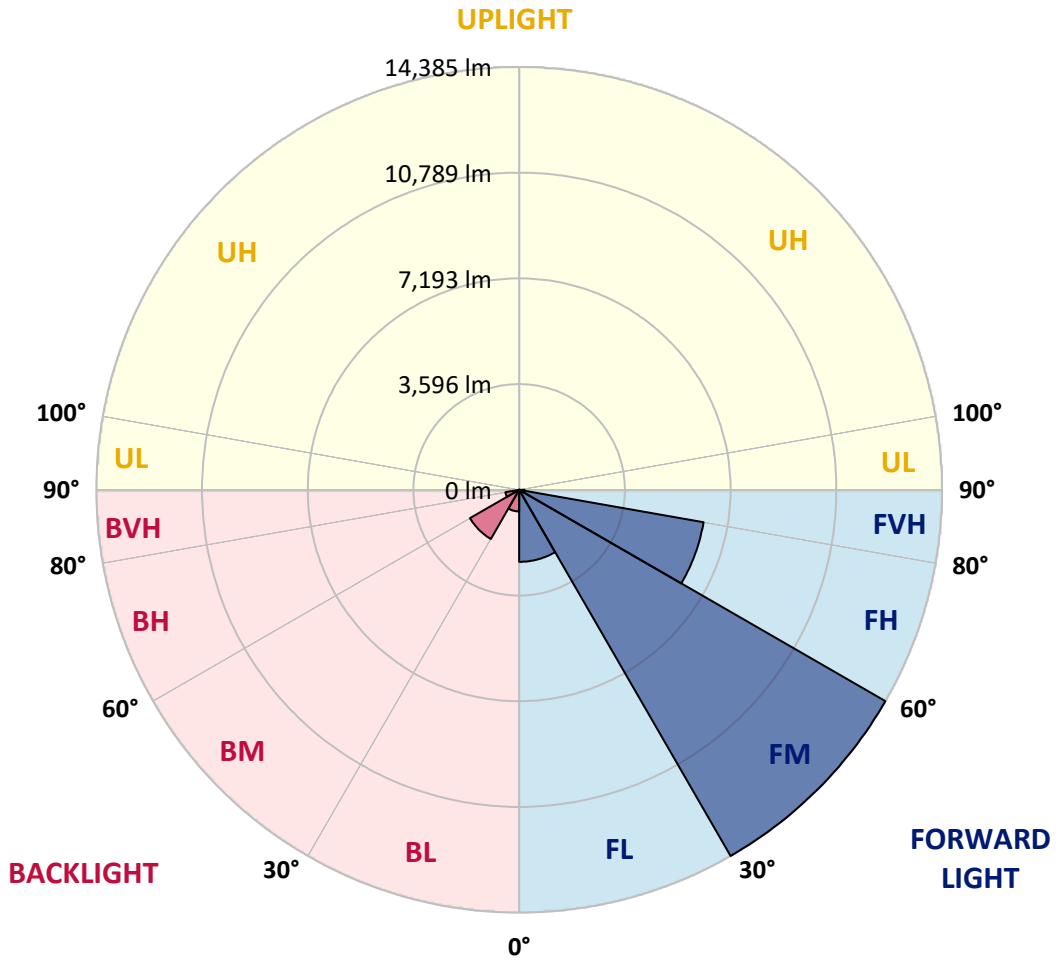
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2450.1	9.2			
FM	(30°-60°)	14385.5	54.2			
FH	(60°-80°)	6370.7	24.0			G3/7500
FVH	(80°-90°)	179.4	0.7			G2/225
BL	(0°-30°)	734.6	2.8	B2/1000		
BM	(30°-60°)	1928.7	7.3	B2/2500		
BH	(60°-80°)	476.2	1.8	B1/500		G1/500
BVH	(80°-90°)	9.3	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 II Short



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REPORT NUMBER: P1457786
CATALOG NUMBER: GLAN-SB4D-830-U-T2LG-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	4290.3	4290.3	4290.3	4290.3	4290.3	4290.3	4290.3	*4290.3*	4290.3	4290.3	4290.3
2.5°	4807.7	4791.8	4775.9	4752.0	4720.1	4688.3	4648.5	*4592.8*	4568.9	4489.3	4393.8
5°	5054.5	5054.5	5046.5	5030.6	5014.7	4982.8	4935.1	*4863.4*	4831.6	4720.1	4553.0
7.5°	5118.1	5126.1	5150.0	5181.8	5229.6	5221.6	5221.6	*5142.0*	5126.1	5006.7	4783.8
10°	5006.7	5014.7	5078.3	5165.9	5309.2	5444.5	5540.0	*5492.2*	5468.4	5349.0	5070.4
12.5°	4847.5	4847.5	4951.0	5086.3	5309.2	5563.9	5842.5	*5890.2*	5898.2	5762.9	5428.6
15°	4433.6	4449.5	4616.7	4887.3	5253.5	5651.4	6121.1	*6304.1*	6351.9	6264.3	5866.4
17.5°	3884.4	3900.3	4067.4	4433.6	4982.8	5651.4	6359.9	*6781.7*	6845.4	6861.3	6423.5
20°	3653.5	3653.5	3749.1	4027.6	4600.8	5500.2	6503.1	*7291.2*	7434.4	7609.5	7036.4
22.5°	3685.4	3685.4	3741.1	3900.3	4362.0	5293.3	6590.7	*7744.9*	8039.4	8485.1	7824.5
25°	3860.5	3860.5	3908.3	4011.7	4385.8	5261.4	6757.9	*8150.8*	8620.4	9464.2	8723.9
27.5°	4139.1	4131.1	4170.9	4274.4	4616.7	5412.6	7036.4	*8556.8*	9082.1	10562.6	9758.7
30°	4545.0	4521.2	4537.1	4656.5	4990.8	5762.9	7442.4	*9074.1*	9607.5	11764.6	10904.9
32.5°	5484.3	5476.3	5245.5	5181.8	5540.0	6328.0	7999.6	*9718.9*	10315.9	13038.1	12082.9
35°	7179.7	7291.2	6964.8	6129.0	6200.7	7084.2	8795.6	*10594.5*	11143.7	14391.3	13364.5
37.5°	8899.0	8899.0	8763.7	7776.7	7275.2	7920.0	9655.2	*11493.9*	12067.0	15481.8	14598.2
40°	10260.2	10331.8	10172.6	9432.3	8779.6	8875.2	10514.9	*12281.9*	12807.3	16150.4	15473.8
42.5°	11271.0	11255.1	11191.4	10705.9	10339.8	10124.8	11294.9	*12871.0*	13372.4	16492.7	16023.0
45°	12361.5	12361.5	12274.0	11876.0	11573.5	11390.4	11876.0	*13364.5*	13889.8	16699.6	16365.3
47.5°	13499.8	13483.9	13396.3	12958.5	12632.2	12361.5	12465.0	*13682.9*	14208.2	16564.3	16421.0
50°	13778.4	13762.5	13961.5	13977.4	13682.9	13165.5	12934.6	*13953.5*	14415.2	16572.3	16596.1
52.5°	13452.0	13547.5	13842.1	14200.2	14534.6	13993.3	13436.1	*14383.3*	14860.9	16795.1	17033.9
55°	12640.1	12679.9	13245.1	13818.2	14598.2	14789.3	14240.0	*15067.9*	15489.7	17010.0	17424.0
57.5°	11127.8	11279.0	11883.9	12878.9	14064.9	14860.9	15641.0	*16214.1*	16532.5	17097.6	17209.0
60°	8397.6	8477.2	9790.5	11080.0	12958.5	14287.8	16946.4	*18156.3*	18116.5	16110.6	15704.6
62.5°	5110.2	5181.8	6121.1	8166.7	10530.8	13093.8	17384.2	*20329.3*	20114.4	14447.0	13221.2
64°	*4163.0*	*4298.3*	*4879.3*	*6630.5*	*8660.2*	*11844.1*	*17256.8*	*20512.3*	*20345.2*	*13372.4*	*11780.5*
65°	3558.0	3741.1	4338.1	5754.9	7362.8	10498.9	16906.6	*20002.9*	19891.5	12719.7	10586.5
67.5°	2236.7	2324.3	3207.8	4473.4	5070.4	6718.1	14534.6	*17296.6*	17495.6	11334.7	7808.5
70°	1663.6	1703.4	2204.9	3462.5	3956.0	3908.3	9981.6	*14009.2*	14057.0	9066.2	4712.2
72.5°	1209.9	1217.8	1544.2	2563.0	3096.4	2666.5	5261.4	*10411.4*	10069.1	5309.2	2571.0
75°	803.9	835.8	1082.5	1806.9	2411.8	1958.1	2395.9	*5930.0*	5826.6	2594.9	1472.6
77.5°	589.0	597.0	732.3	1209.9	1894.4	1440.7	1448.7	*2555.1*	2634.7	1544.2	931.3
80°	334.3	350.2	477.6	740.3	1233.8	987.0	811.9	*1233.8*	1416.8	1050.7	620.9
82.5°	199.0	214.9	342.3	485.5	843.7	405.9	413.9	*676.6*	843.7	756.2	334.3
85°	119.4	127.4	214.9	262.7	501.5	270.6	151.2	*334.3*	437.8	445.7	183.1
87.5°	79.6	79.6	119.4	111.4	143.3	127.4	63.7	*87.6*	111.4	151.2	71.6
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: P1457786
CATALOG NUMBER: GLAN-SB4D-830-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4290.3	4290.3	4290.3	4290.3	4290.3	4290.3	4290.3	4290.3	4290.3	4290.3	4290.3
2.5°	4314.2	4266.4	4123.2	3932.1	3757.0	3621.7	3454.5	3343.1	3239.6	3239.6	3152.1
5°	4417.7	4290.3	3940.1	3502.3	3032.7	2586.9	2300.4	1982.0	1878.5	1791.0	1806.9
7.5°	4592.8	4362.0	3741.1	2953.1	2204.9	1727.3	1408.9	1265.6	1201.9	1162.1	1170.1
10°	4807.7	4489.3	3502.3	2395.9	1623.8	1265.6	1114.4	1058.7	1034.8	1026.8	1026.8
12.5°	5102.2	4640.6	3263.5	1926.3	1281.5	1090.5	1010.9	979.1	955.2	939.3	939.3
15°	5452.4	4831.6	2984.9	1584.0	1122.3	1002.9	939.3	907.4	875.6	867.6	867.6
17.5°	5898.2	5030.6	2738.2	1361.1	1042.7	939.3	875.6	835.8	811.9	803.9	803.9
20°	6391.7	5277.3	2491.4	1233.8	987.0	875.6	811.9	780.1	756.2	740.3	748.2
22.5°	7020.5	5587.8	2332.2	1170.1	939.3	819.9	756.2	724.3	700.5	684.5	692.5
25°	7713.0	5977.8	2244.7	1170.1	907.4	780.1	708.4	676.6	652.7	636.8	636.8
27.5°	8556.8	6415.6	2252.6	1217.8	899.5	748.2	668.6	636.8	612.9	589.0	589.0
30°	9488.1	6933.0	2340.2	1305.4	915.4	716.4	636.8	589.0	573.1	549.2	549.2
32.5°	10475.1	7530.0	2563.0	1416.8	899.5	676.6	589.0	549.2	525.3	509.4	509.4
35°	11517.8	8206.5	2841.6	1464.6	819.9	620.9	549.2	509.4	493.5	485.5	477.6
37.5°	12512.8	8795.6	2992.9	1369.1	716.4	573.1	501.5	461.7	453.7	437.8	437.8
40°	13284.9	9281.1	2905.3	1170.1	660.7	525.3	461.7	421.9	405.9	390.0	390.0
42.5°	13738.6	9456.2	2586.9	995.0	620.9	477.6	421.9	382.1	366.1	358.2	358.2
45°	14001.2	9432.3	2212.8	891.5	581.1	437.8	382.1	358.2	334.3	326.4	318.4
47.5°	13993.3	9185.6	1942.2	803.9	541.3	405.9	358.2	334.3	310.4	302.5	302.5
50°	13937.6	8819.4	1639.7	740.3	509.4	382.1	334.3	318.4	294.5	286.6	278.6
52.5°	14072.9	8612.5	1369.1	700.5	469.6	366.1	326.4	302.5	270.6	262.7	262.7
55°	14240.0	8493.1	1098.4	660.7	437.8	358.2	310.4	286.6	254.7	246.8	246.8
57.5°	13754.5	8039.4	907.4	597.0	398.0	342.3	294.5	278.6	246.8	222.9	222.9
60°	12226.2	6646.4	748.2	525.3	366.1	318.4	278.6	254.7	222.9	191.0	191.0
62.5°	9941.8	5070.4	620.9	445.7	342.3	294.5	254.7	230.8	191.0	151.2	151.2
64°	*8636.4*	*4306.2*	*557.2*	*390.0*	*326.4*	*270.6*	*230.8*	*207.0*	*167.2*	*127.4*	*119.4*
65°	7744.9	3804.8	517.4	366.1	318.4	254.7	222.9	199.0	151.2	119.4	111.4
67.5°	5452.4	2555.1	413.9	302.5	278.6	214.9	191.0	167.2	135.3	103.5	95.5
70°	3176.0	1448.7	326.4	254.7	214.9	167.2	159.2	151.2	119.4	79.6	79.6
72.5°	1727.3	724.3	246.8	207.0	167.2	119.4	135.3	119.4	95.5	63.7	55.7
75°	1058.7	445.7	183.1	151.2	111.4	87.6	103.5	87.6	55.7	39.8	31.8
77.5°	708.4	286.6	135.3	103.5	71.6	55.7	71.6	47.8	23.9	8.0	8.0
80°	437.8	199.0	87.6	63.7	39.8	23.9	15.9	8.0	8.0	0.0	0.0
82.5°	191.0	127.4	47.8	31.8	15.9	8.0	8.0	0.0	0.0	0.0	0.0
85°	103.5	39.8	15.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	31.8	15.9	8.0	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

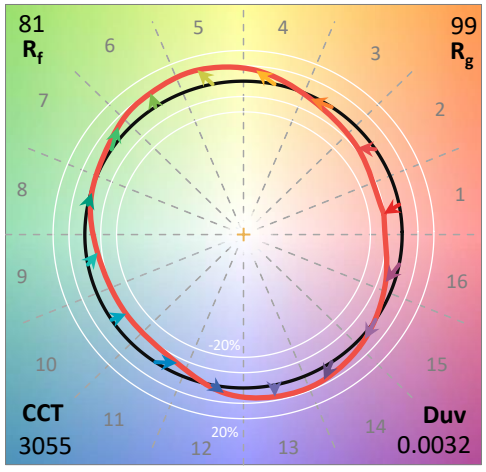
Test Information

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

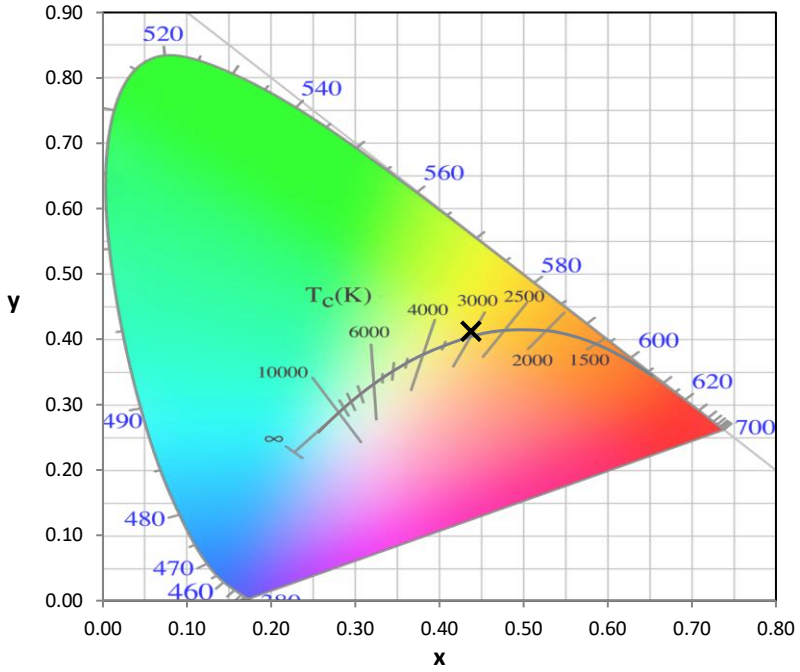
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

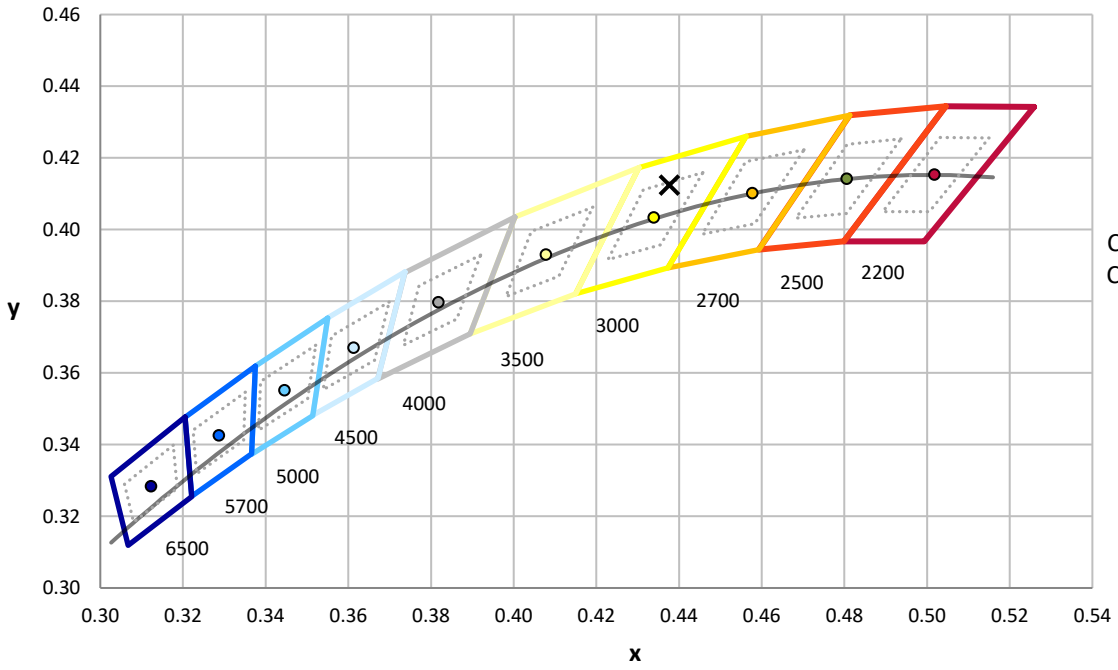
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

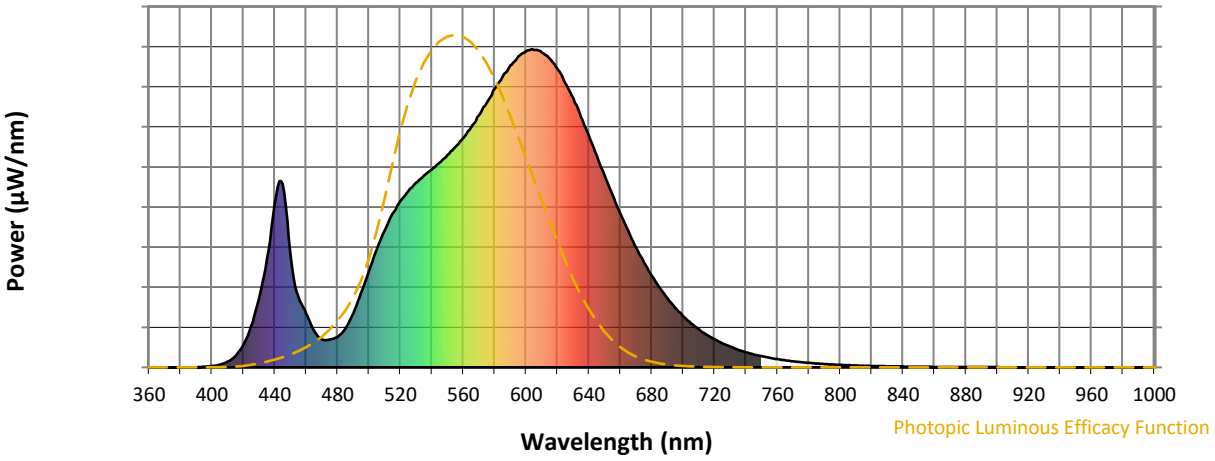


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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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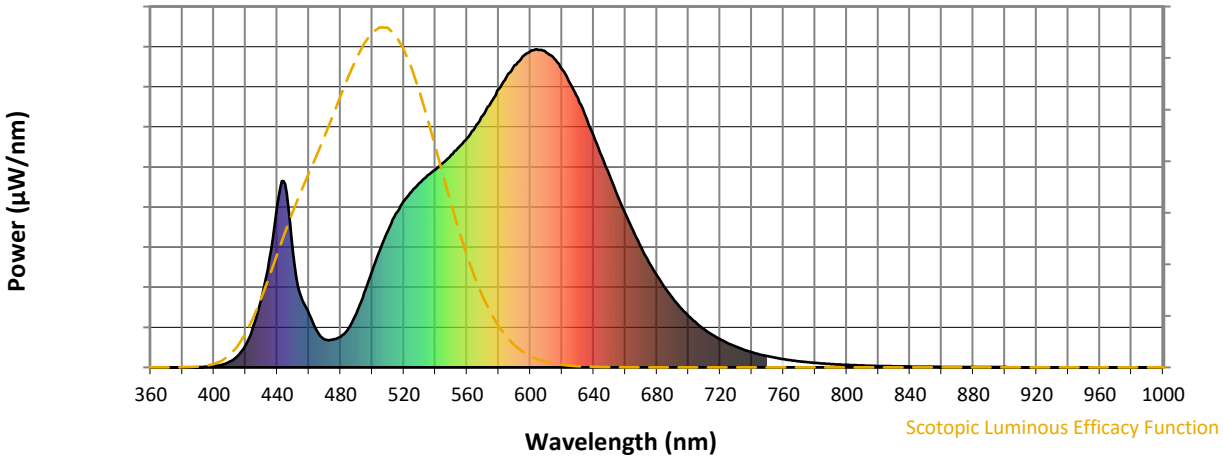
Scotopic Flux vs. Wavelength



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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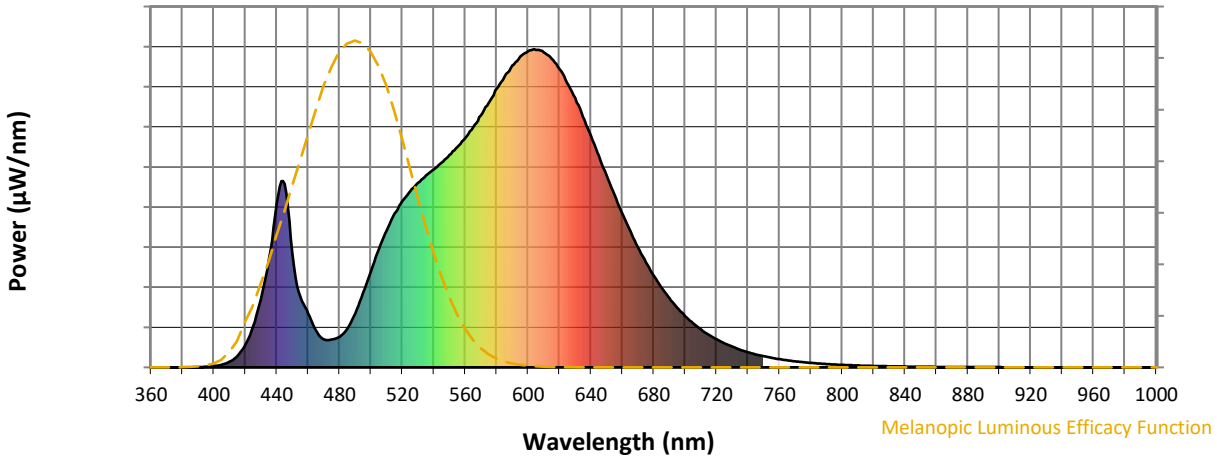
Melanopic Flux vs. Wavelength



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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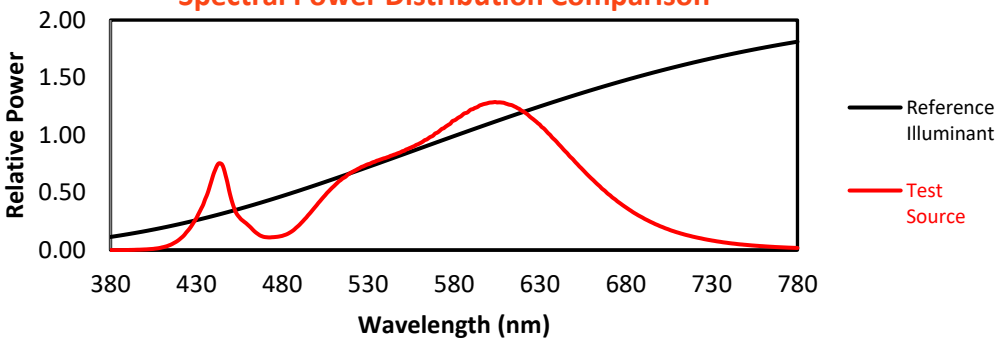
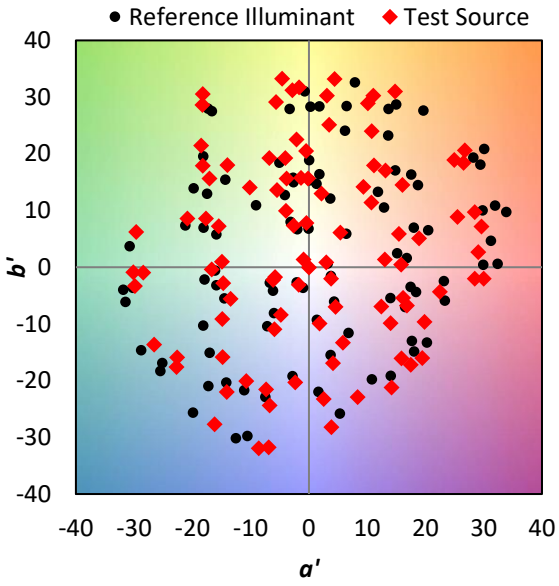
Summary

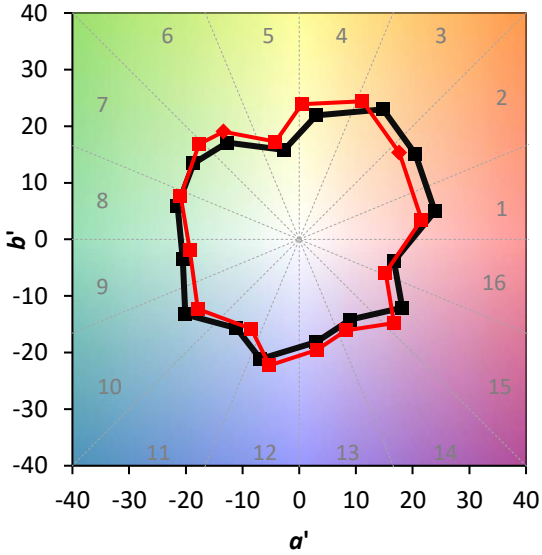
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

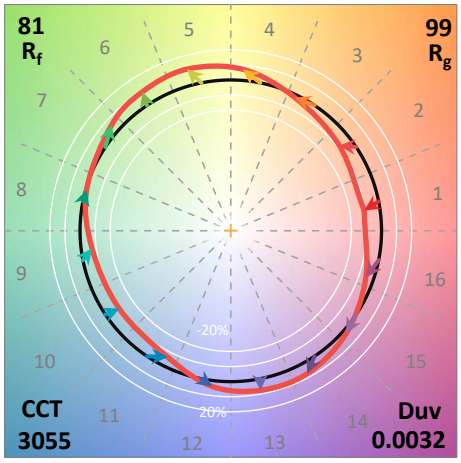
Spectral Power Distribution Comparison

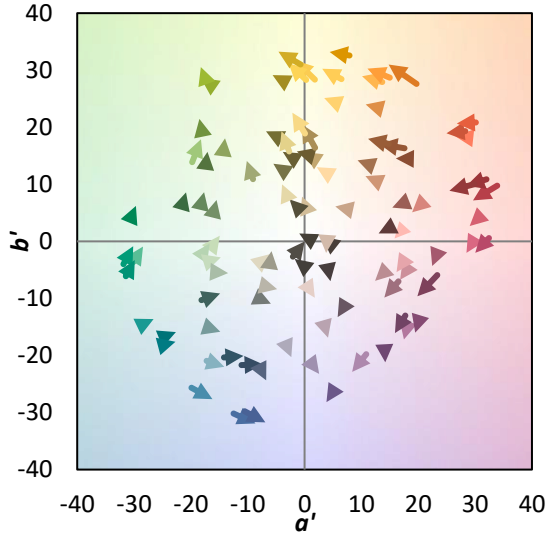


Color Vector Graphics









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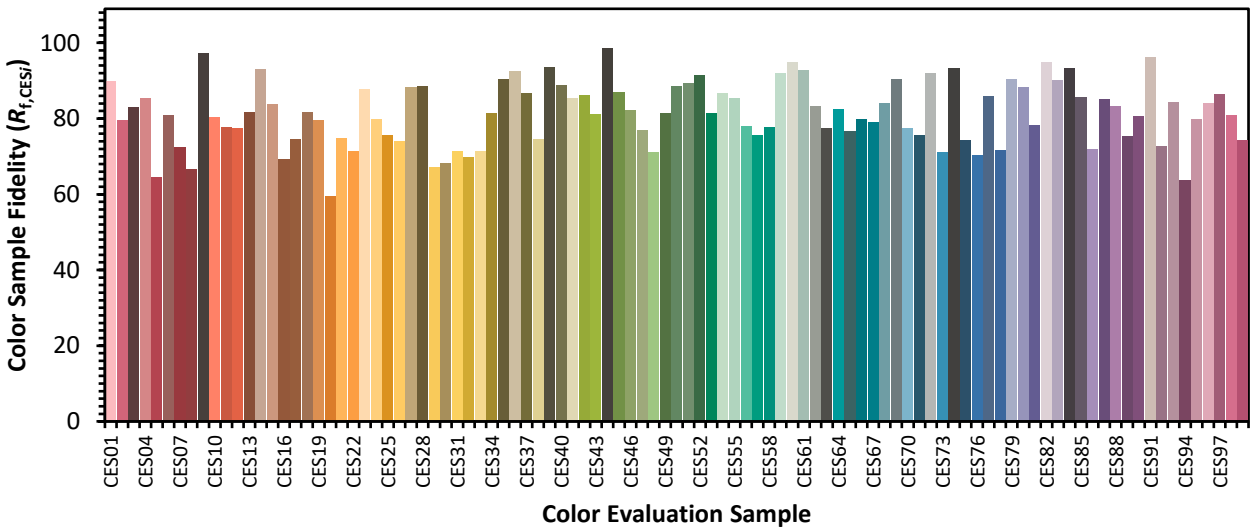
Individual Sample Fidelity Index ($R_{f,i}$)

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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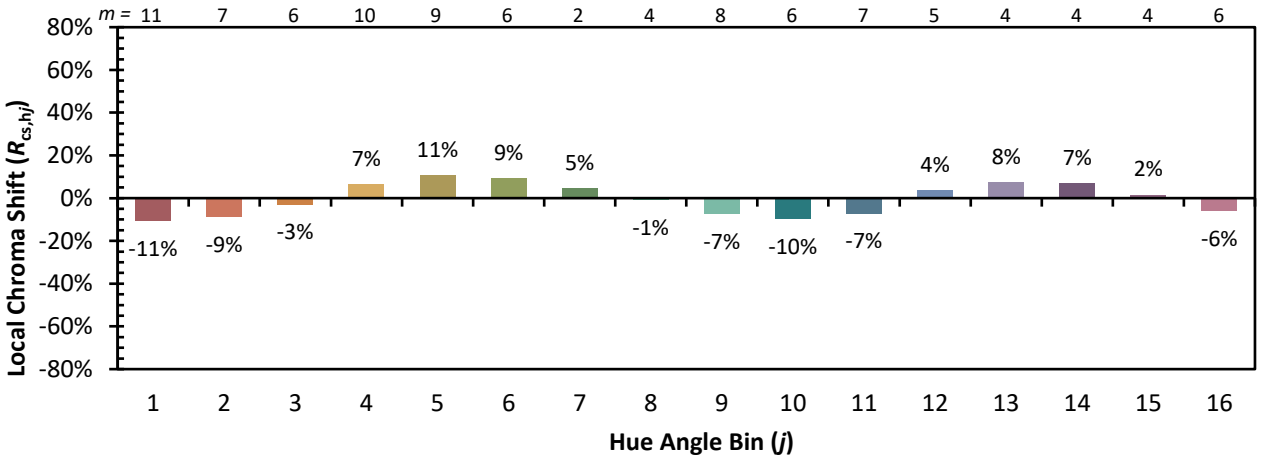
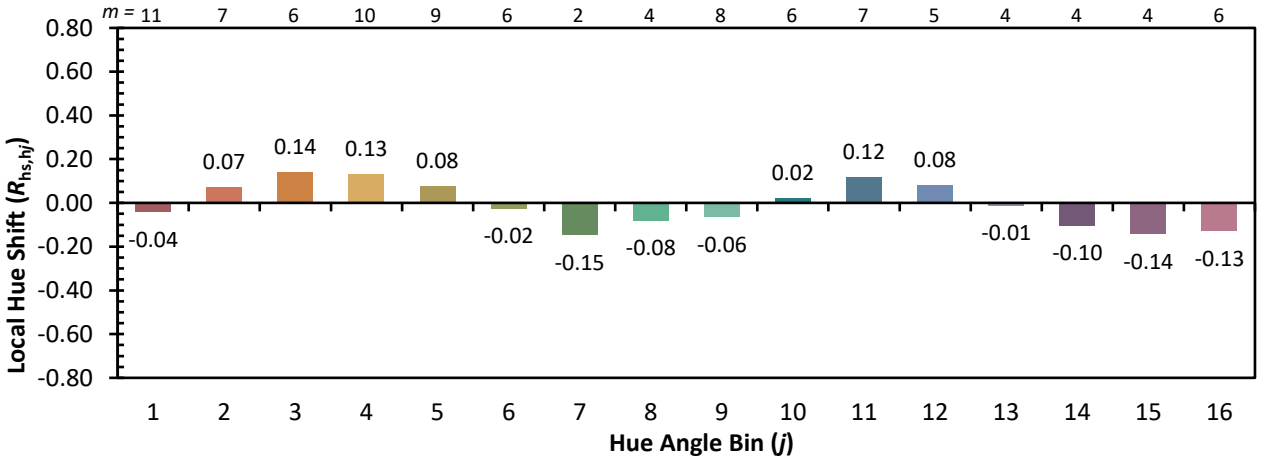
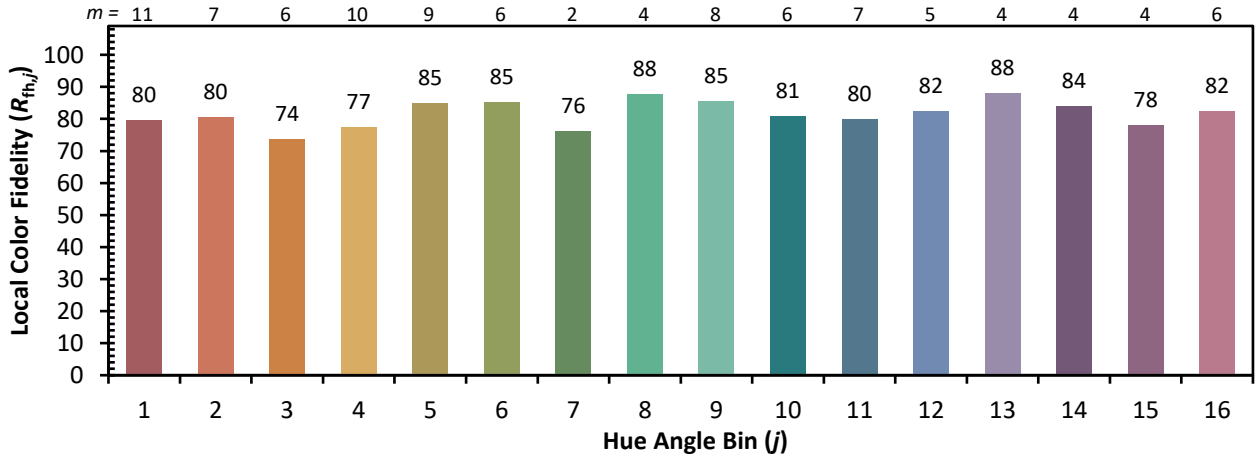
Color Rendition by Hue-Angle Bin







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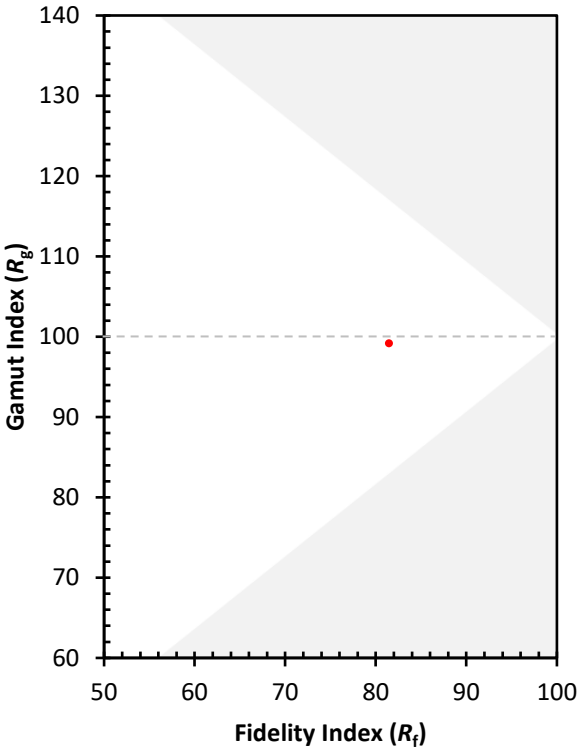
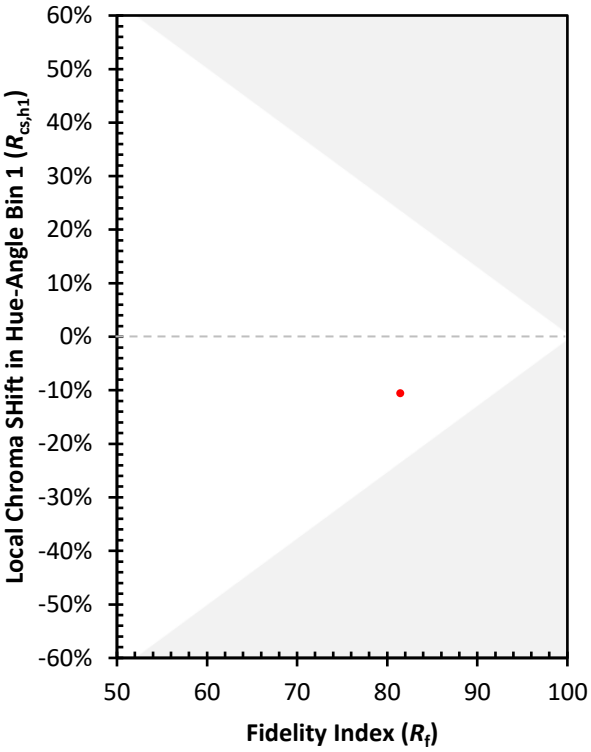
Measure Comparisons





(END OF REPORT)