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: P1456649

Luminaire Tested: GLAN-SB8C-830-U-T3LG

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:	P1456649
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8C-830-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 8xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(208) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	53056.3 lumens
Efficiency:	N/A
Efficacy:	132.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B4 - U0 - G4

Input Watts (W):	399.8
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: P1456649
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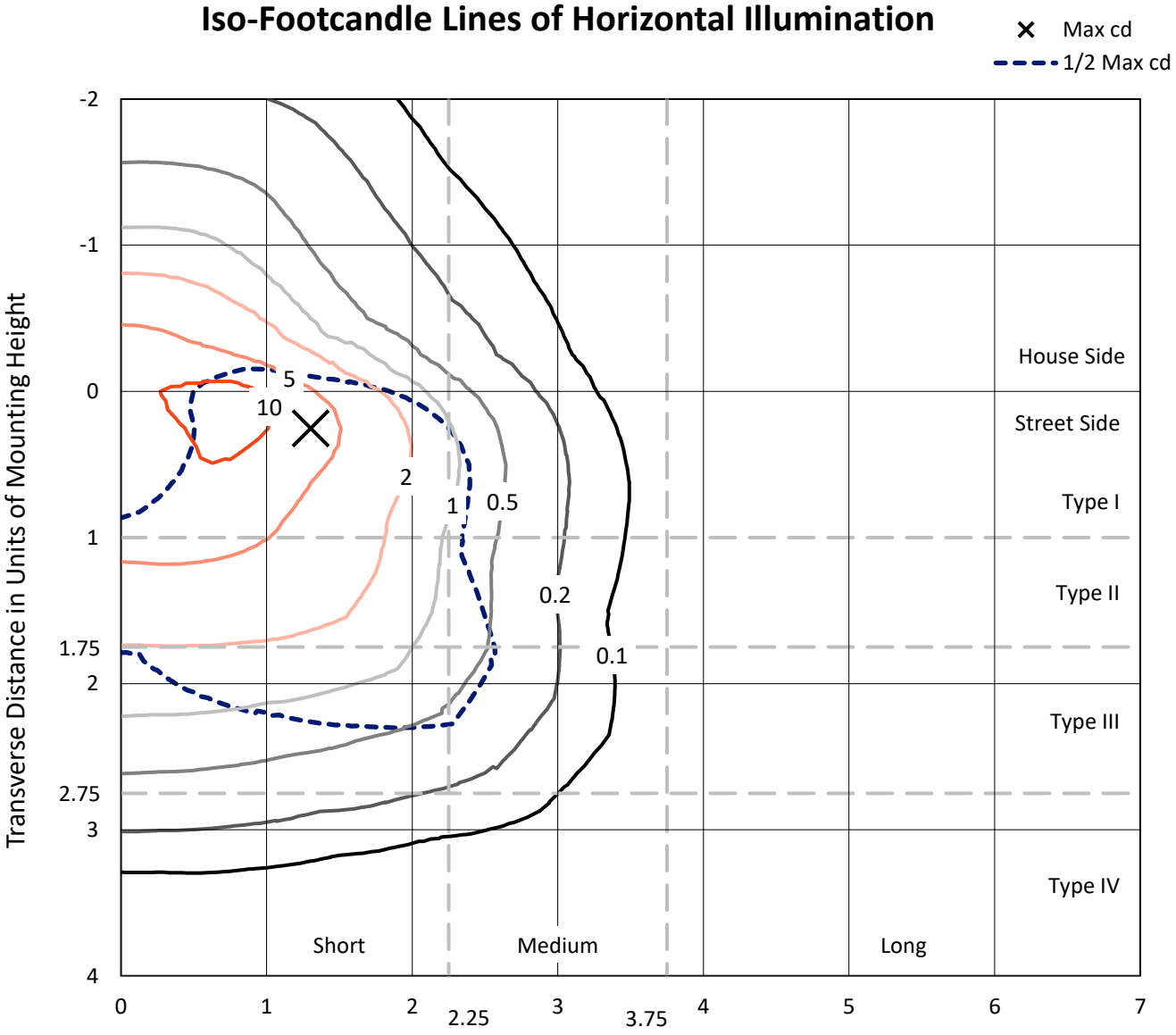
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 13.5 fc
Type III - Short - N/A

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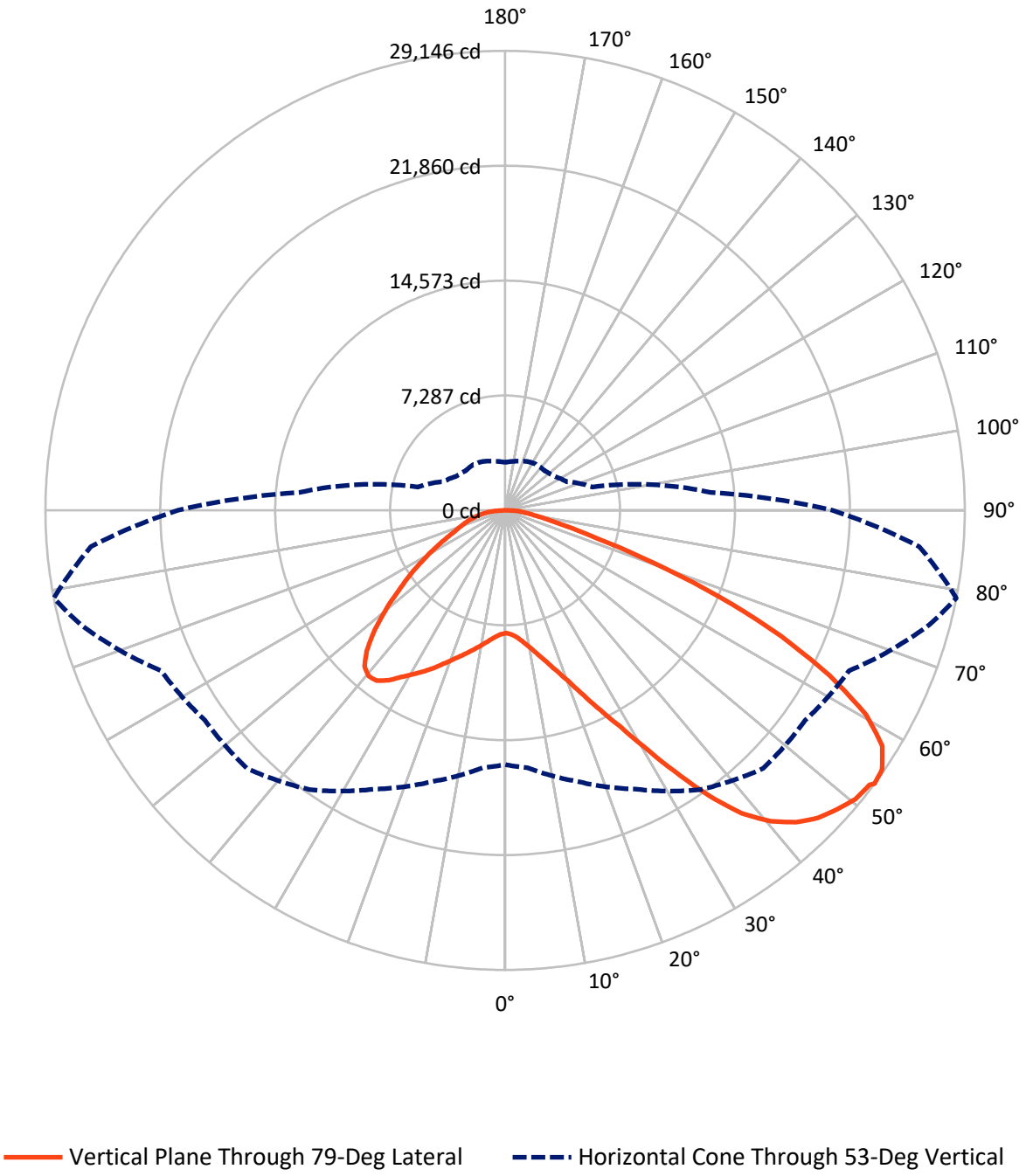
Luminous Intensity Polar Plot



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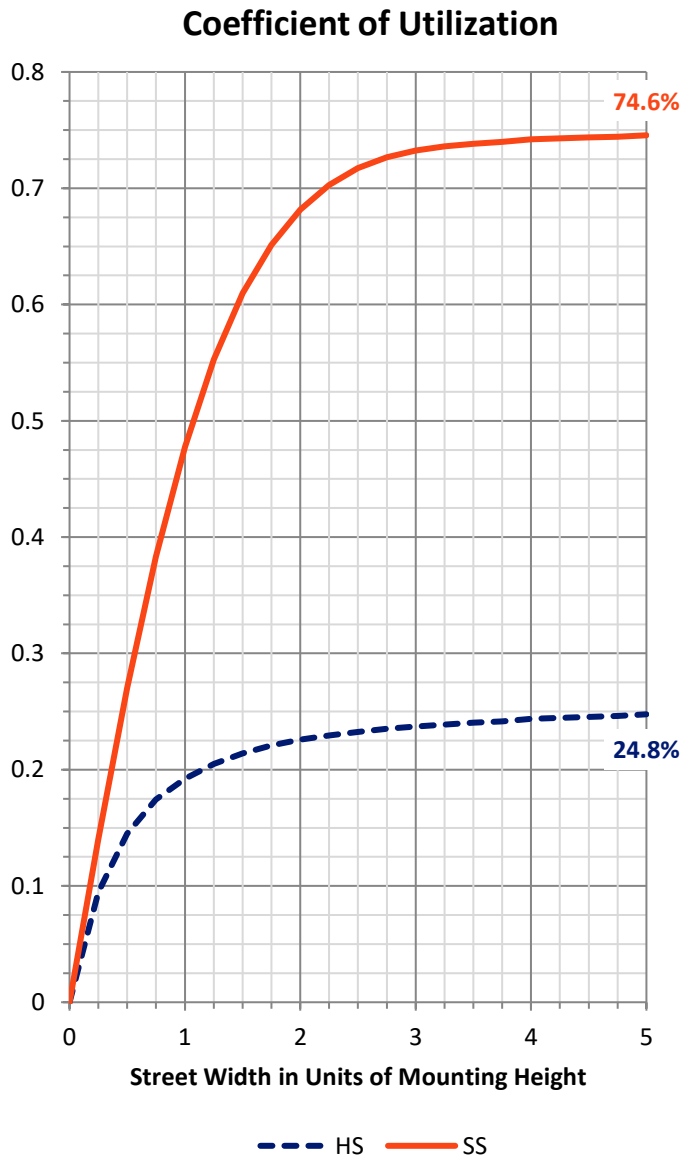
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13375.1	0.0	13375.1
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	39681.2	0.0	39681.2
	% Fixture	74.8	0.0	74.8
Total	Lumens	53056.3	0.0	53056.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	742.1	1.4
10°-20°	2298.2	4.3
20°-30°	4393.9	8.3
30°-40°	7544.0	14.2
40°-50°	10566.9	19.9
50°-60°	11992.0	22.6
60°-70°	10516.3	19.8
70°-80°	4112.0	7.8
80°-90°	890.9	1.7
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°	53056.3	100.0
0°-180°	53056.3	100.0



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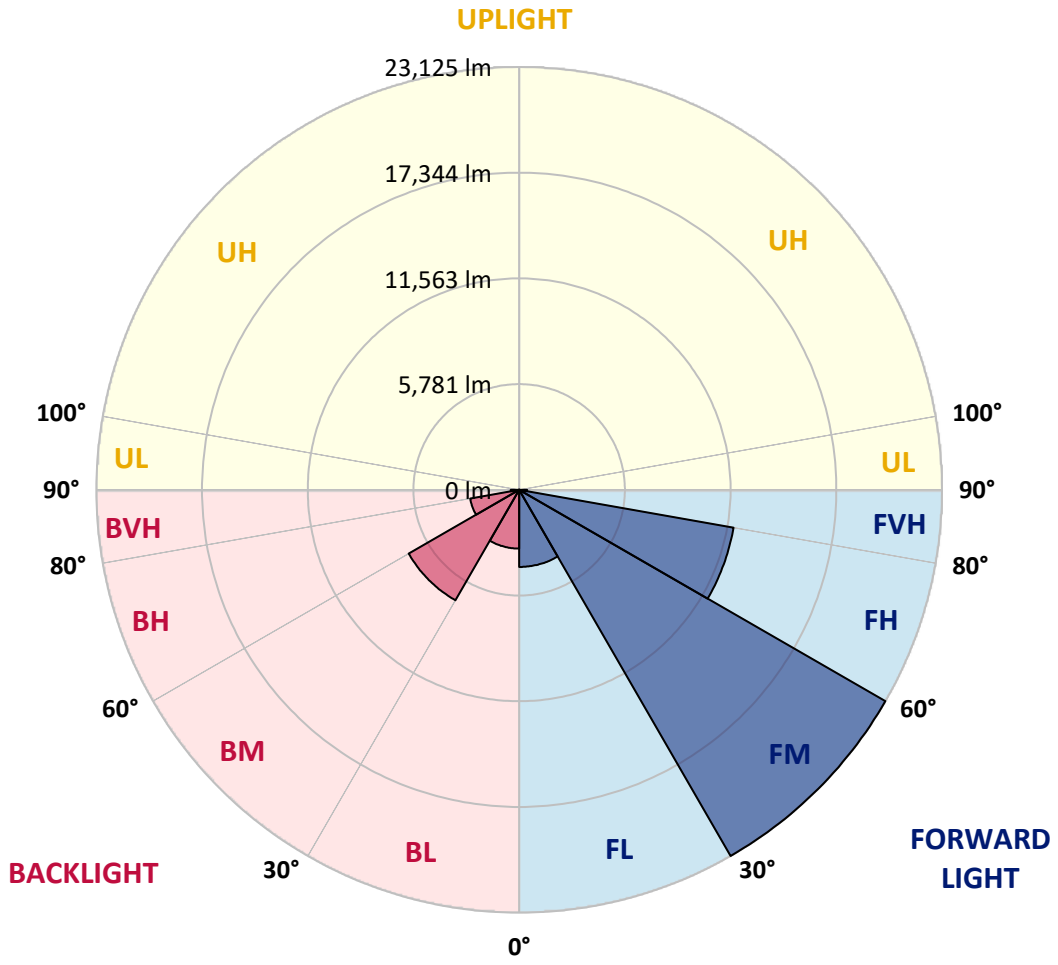
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4217.5	7.9			
FM	(30°-60°)	23125.4	43.6			
FH	(60°-80°)	11906.2	22.4			G4/12000
FVH	(80°-90°)	432.1	0.8			G3/500
BL	(0°-30°)	3216.8	6.1	B4/5000		
BM	(30°-60°)	6977.5	13.2	B4/8500		
BH	(60°-80°)	2722.1	5.1	B4/5000		G4/5000
BVH	(80°-90°)	458.8	0.9			G3/500
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°	79°	85°
0°	7788.8	7788.8	7788.8	7788.8	7788.8	7788.8	7788.8	7788.8	7788.8	*7788.8*	7788.8
2.5°	7800.6	7800.6	7753.3	7800.6	7777.0	7812.4	7836.1	7836.1	7883.4	*7871.5*	7871.5
5°	7670.6	7647.0	7635.2	7717.9	7765.2	7859.7	7966.1	8013.4	8096.1	*8096.1*	8107.9
7.5°	7327.9	7316.0	7375.1	7540.6	7694.3	7930.6	8155.2	8285.2	8415.2	*8438.9*	8438.9
10°	7115.1	7103.3	7174.2	7375.1	7623.3	7966.1	8320.7	8592.5	8805.3	*8864.3*	8864.3
12.5°	7115.1	7115.1	7174.2	7375.1	7635.2	8048.8	8533.4	8994.4	9325.3	*9396.2*	9372.6
15°	7316.0	7304.2	7375.1	7587.9	7836.1	8226.1	8817.1	9431.7	9880.8	*10010.8*	10022.6
17.5°	7528.8	7517.0	7623.3	7895.2	8190.7	8580.7	9183.5	9939.9	10578.1	*10743.6*	10779.0
20°	7859.7	7847.9	7977.9	8237.9	8604.3	9053.5	9679.9	10542.7	11429.1	*11606.4*	11653.7
22.5°	8237.9	8249.8	8391.6	8710.7	9077.1	9668.0	10436.3	11393.6	12457.4	*12729.2*	12776.5
25°	9029.8	8994.4	9112.5	9337.1	9727.1	10436.3	11381.8	12421.9	13686.6	*14017.5*	14076.6
27.5°	10081.7	10022.6	10152.6	10377.2	10660.9	11322.7	12410.1	13568.4	15093.0	*15506.7*	15518.5
30°	11027.2	10991.8	11169.1	11630.0	11925.5	12433.7	13592.0	14915.7	16830.4	*17433.2*	17456.9
32.5°	11842.8	11830.9	12161.9	12752.8	13426.5	13970.2	15093.0	16617.7	19028.8	*19726.1*	19572.5
35°	12622.8	12658.3	13072.0	13686.6	14584.8	15672.2	16806.8	18544.2	21345.3	*22184.5*	21936.3
37.5°	13414.7	13438.3	13982.0	14773.9	15719.4	17137.7	18662.4	20636.2	23354.6	*24394.7*	23851.0
40°	14147.5	14218.4	14951.2	15802.2	17031.4	18473.3	20175.3	22090.0	24902.9	*25931.2*	25340.2
42.5°	14880.3	14986.7	15778.5	16948.6	18260.6	19761.6	21227.2	22976.4	25895.7	*27042.2*	26132.1
45°	15636.7	15707.6	16688.6	17906.0	19395.2	20778.0	21829.9	23543.7	26581.2	*27822.2*	26581.2
47.5°	16144.9	16286.8	17362.3	18768.8	20258.0	21558.1	22314.5	23780.1	27018.5	*28330.5*	26746.7
50°	16345.9	16546.8	17705.1	19265.2	20967.1	22290.9	22692.7	23910.1	27503.1	*28779.6*	26711.2
52.5°	16310.4	16499.5	17764.2	19489.7	21534.5	22964.6	23059.1	24051.9	27845.9	*28933.2*	26403.9
53°	*16121.3*	*16381.3*	*17799.6*	*19501.6*	*21617.2*	*23141.9*	*23224.6*	*24063.7*	*27893.1*	*29146.0*	*26356.7*
55°	15471.2	15613.1	17433.2	19489.7	22007.2	23803.7	23685.5	24418.3	28023.2	*29004.1*	25836.6
57.5°	14880.3	15022.1	16605.9	19265.2	22326.3	24737.4	24430.1	24359.2	27314.0	*28200.4*	24524.7
60°	14502.1	14549.3	15884.9	18556.0	22196.3	25387.5	24914.7	23661.9	25564.8	*26297.6*	22220.0
62.5°	14183.0	14171.1	15353.0	17539.6	21699.9	25482.0	25009.3	21936.3	23000.0	*23118.2*	19147.0
65°	13462.0	13379.3	14525.7	16393.1	20671.7	25056.6	23851.0	19324.3	19596.1	*19206.1*	15376.7
67.5°	12031.9	11854.6	12871.0	14643.9	18579.7	23851.0	21640.8	16286.8	15447.6	*14667.5*	11582.7
70°	8616.1	8616.1	9431.7	11204.5	14915.7	20612.6	18579.7	12327.4	10637.2	*9939.9*	7741.5
72.5°	4219.4	4325.8	5176.8	6618.7	9999.0	14963.0	14230.2	7989.7	6453.2	*6110.5*	4964.0
75°	1796.5	1808.3	2210.2	2931.1	5070.4	8852.5	8911.6	4609.5	4136.7	*3971.2*	3285.7
77.5°	1252.8	1276.5	1453.8	1725.6	2411.1	4065.8	4633.1	2789.3	2777.5	*2659.3*	2340.2
80°	957.3	981.0	1099.2	1288.3	1619.2	2080.2	2399.3	1891.1	1985.6	*1867.4*	1690.1
82.5°	721.0	744.6	827.3	969.2	1158.3	1394.7	1347.4	1394.7	1465.6	*1394.7*	1217.4
85°	484.6	496.4	555.5	673.7	744.6	839.2	839.2	1016.4	1063.7	*1040.1*	957.3
87.5°	248.2	248.2	295.5	354.6	378.2	390.0	342.8	449.1	508.2	*555.5*	449.1
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: P1456649
CATALOG NUMBER: GLAN-SB8C-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7788.8	7788.8	7788.8	7788.8	7788.8	7788.8	7788.8	7788.8	7788.8	7788.8	7788.8
2.5°	7871.5	7883.4	7847.9	7836.1	7824.3	7765.2	7765.2	7706.1	7694.3	7706.1	7670.6
5°	8131.6	8107.9	8013.4	7942.5	7859.7	7694.3	7599.7	7469.7	7434.2	7398.8	7363.3
7.5°	8450.7	8415.2	8249.8	8060.6	7836.1	7517.0	7339.7	7126.9	7056.0	6996.9	6973.3
10°	8852.5	8781.6	8521.6	8119.7	7706.1	7316.0	7067.8	6807.8	6689.6	6666.0	6606.9
12.5°	9372.6	9242.6	8758.0	8131.6	7587.9	7079.7	6807.8	6606.9	6559.6	6547.8	6488.7
15°	9951.7	9762.6	8982.5	8143.4	7434.2	6878.7	6713.3	6606.9	6606.9	6595.1	6559.6
17.5°	10660.9	10353.6	9195.3	8096.1	7245.1	6819.6	6736.9	6642.4	6618.7	6630.5	6583.3
20°	11511.8	11003.6	9419.8	8037.0	7162.4	6831.5	6736.9	6606.9	6547.8	6536.0	6500.5
22.5°	12492.8	11748.2	9668.0	7942.5	7162.4	6819.6	6666.0	6488.7	6370.5	6323.2	6276.0
25°	13615.6	12611.0	9928.1	7907.0	7186.0	6772.4	6524.2	6240.5	6051.4	5980.5	5945.0
27.5°	14974.8	13521.1	10117.2	7942.5	7174.2	6666.0	6276.0	5909.6	5696.8	5578.6	5555.0
30°	16475.9	14502.1	10247.2	8001.6	7103.3	6465.1	5980.5	5566.8	5271.3	5129.5	5094.0
32.5°	18248.7	15601.3	10377.2	8001.6	6926.0	6181.4	5637.7	5188.6	4881.3	4715.8	4692.2
35°	20210.7	16948.6	10495.4	7989.7	6713.3	5874.1	5295.0	4834.0	4514.9	4349.4	4337.6
37.5°	21877.2	17965.1	10554.5	7871.5	6417.8	5519.5	4975.9	4514.9	4184.0	4006.7	3994.9
40°	22905.5	18390.6	10436.3	7635.2	6063.2	5153.1	4621.3	4195.8	3864.9	3652.1	3604.8
42.5°	23295.5	18189.6	10058.1	7245.1	5637.7	4786.7	4325.8	3876.7	3439.4	3262.1	3226.6
45°	23165.5	17409.6	9254.4	6689.6	5165.0	4455.8	4065.8	3557.6	3273.9	3120.3	3108.4
47.5°	22728.2	16204.0	8249.8	5992.3	4668.6	4160.3	3723.0	3474.8	3214.8	3049.3	3037.5
50°	21959.9	14915.7	7044.2	5200.4	4219.4	3853.0	3640.3	3439.4	3226.6	3096.6	3073.0
52.5°	20979.0	13462.0	5933.2	4432.2	3829.4	3581.2	3557.6	3415.7	3250.3	3108.4	3049.3
53°	*20754.4*	*13083.8*	*5720.5*	*4302.2*	*3770.3*	*3545.7*	*3533.9*	*3415.7*	*3226.6*	*3096.6*	*3049.3*
55°	19678.8	11913.7	5046.8	3841.2	3474.8	3427.5	3533.9	3403.9	3167.5	3061.2	3025.7
57.5°	17953.3	10377.2	4396.7	3415.7	3167.5	3285.7	3498.5	3356.6	3096.6	2907.5	2848.4
60°	15873.1	8616.1	3900.3	3132.1	2943.0	3108.4	3356.6	3191.2	2836.6	2742.0	2730.2
62.5°	13391.1	6973.3	3522.1	2895.7	2753.9	2919.3	3143.9	2860.2	2600.2	2529.3	2505.7
65°	10459.9	5543.2	3226.6	2718.4	2564.8	2694.8	2848.4	2671.1	2505.7	2446.6	2434.7
67.5°	7777.0	4349.4	2990.2	2564.8	2375.6	2458.4	2635.7	2588.4	2446.6	2411.1	2399.3
70°	5365.9	3533.9	2777.5	2422.9	2139.3	2233.8	2505.7	2541.1	2399.3	2375.6	2363.8
72.5°	3758.5	2990.2	2552.9	2269.3	1950.2	2044.7	2446.6	2446.6	2292.9	2328.4	2304.7
75°	2824.8	2517.5	2292.9	2080.2	1713.8	1855.6	2363.8	2340.2	2186.5	2340.2	2281.1
77.5°	2127.4	2032.9	1985.6	1843.8	1501.0	1642.9	2198.4	2151.1	1950.2	1962.0	1855.6
80°	1548.3	1571.9	1702.0	1571.9	1252.8	1359.2	1855.6	1832.0	1583.8	1631.0	1501.0
82.5°	1111.0	1170.1	1453.8	1264.6	910.1	969.2	1276.5	1382.8	1241.0	1170.1	1193.7
85°	839.2	874.6	1170.1	933.7	567.3	638.2	874.6	992.8	969.2	898.3	910.1
87.5°	354.6	401.9	543.7	437.3	330.9	330.9	543.7	697.3	626.4	531.9	555.5
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

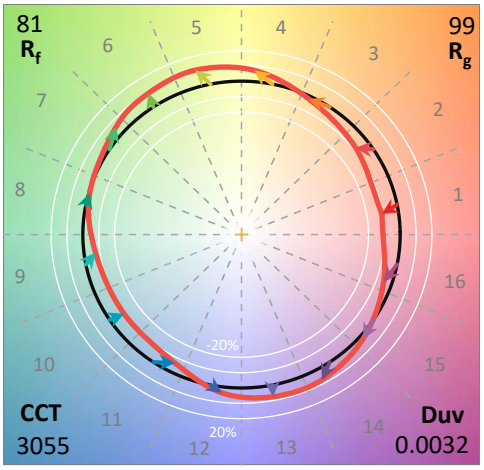
Test Information

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

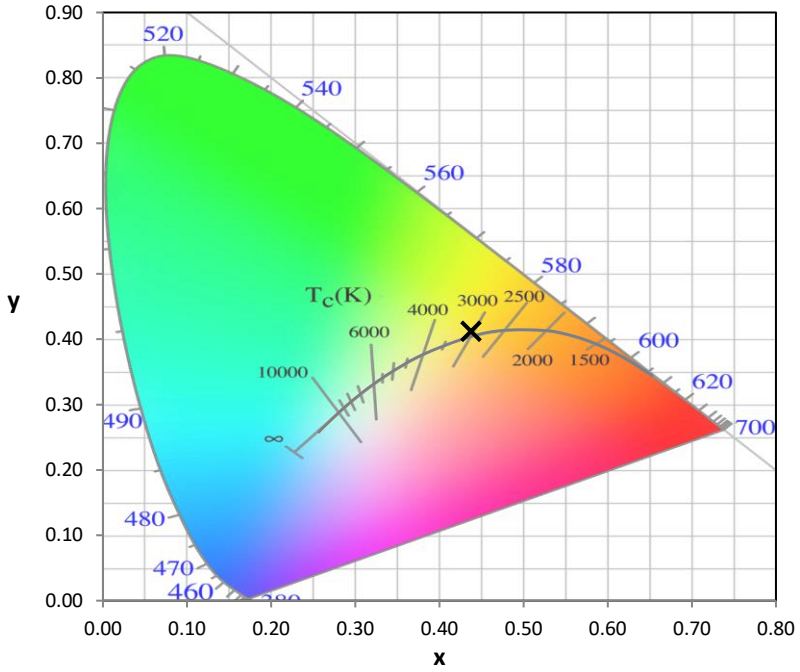
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

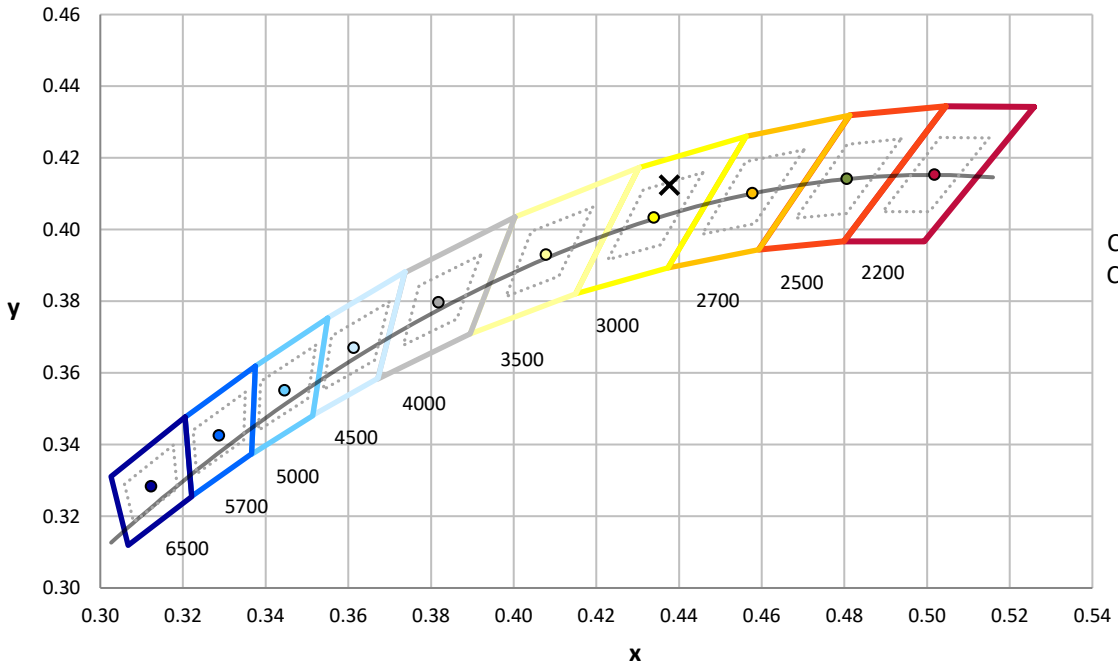
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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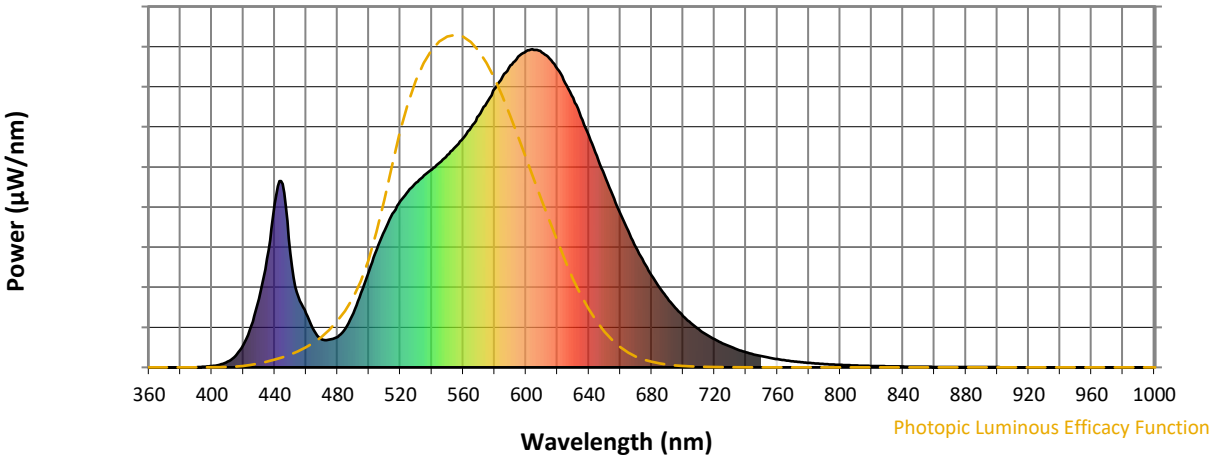
Photopic Flux vs. Wavelength



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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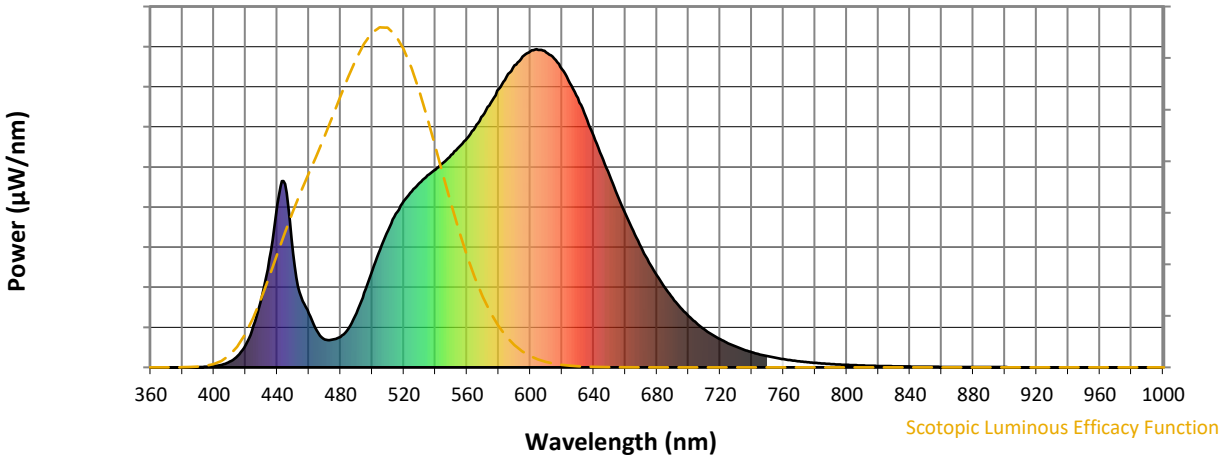
Scotopic Flux vs. Wavelength



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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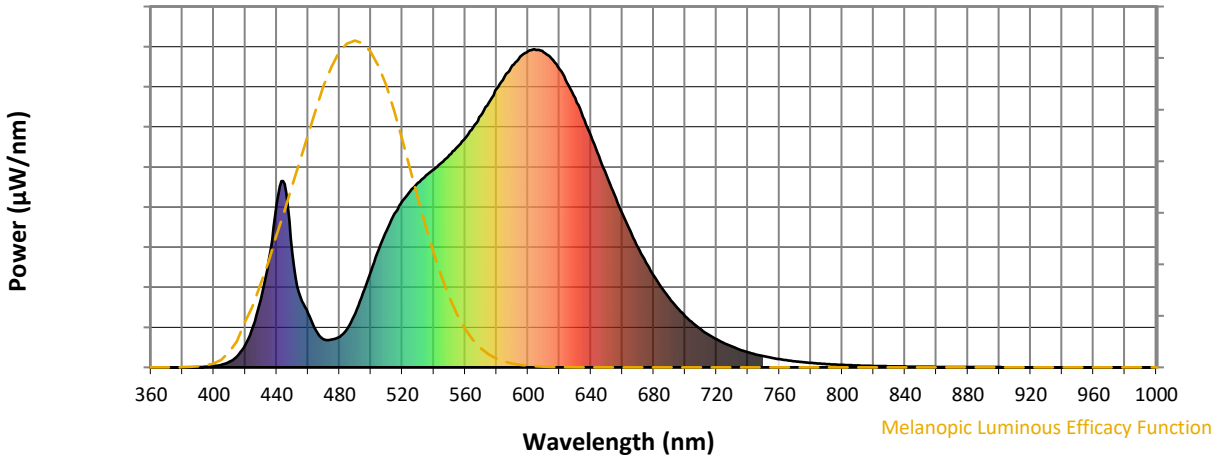
Melanopic Flux vs. Wavelength



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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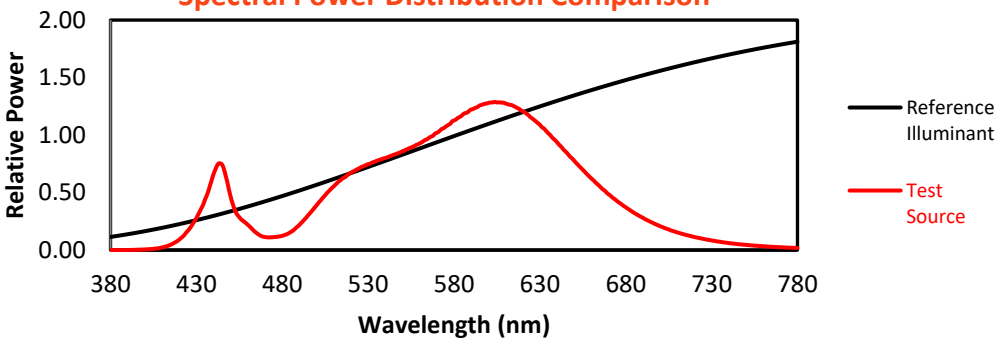
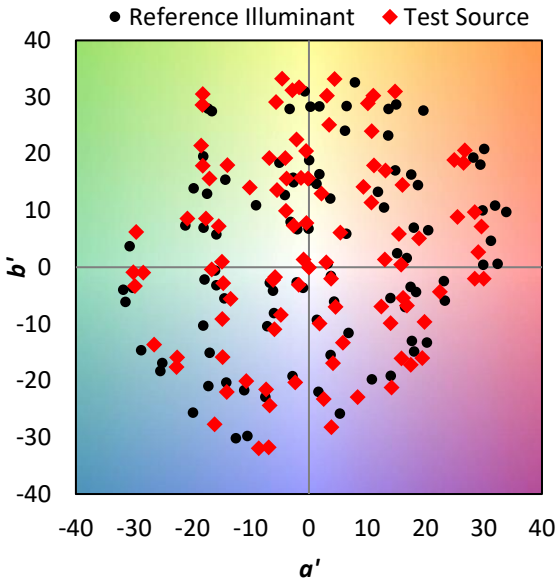
Summary

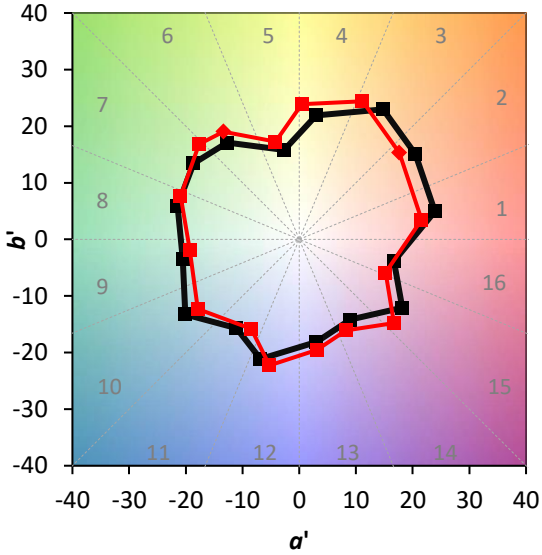
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

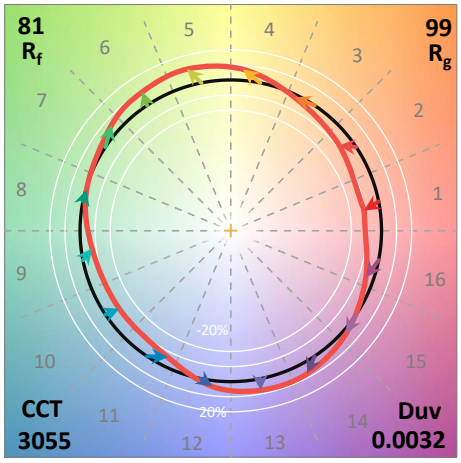
Spectral Power Distribution Comparison

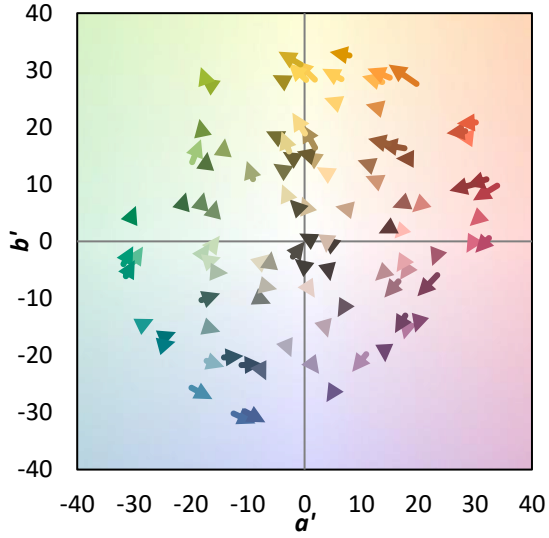


Color Vector Graphics









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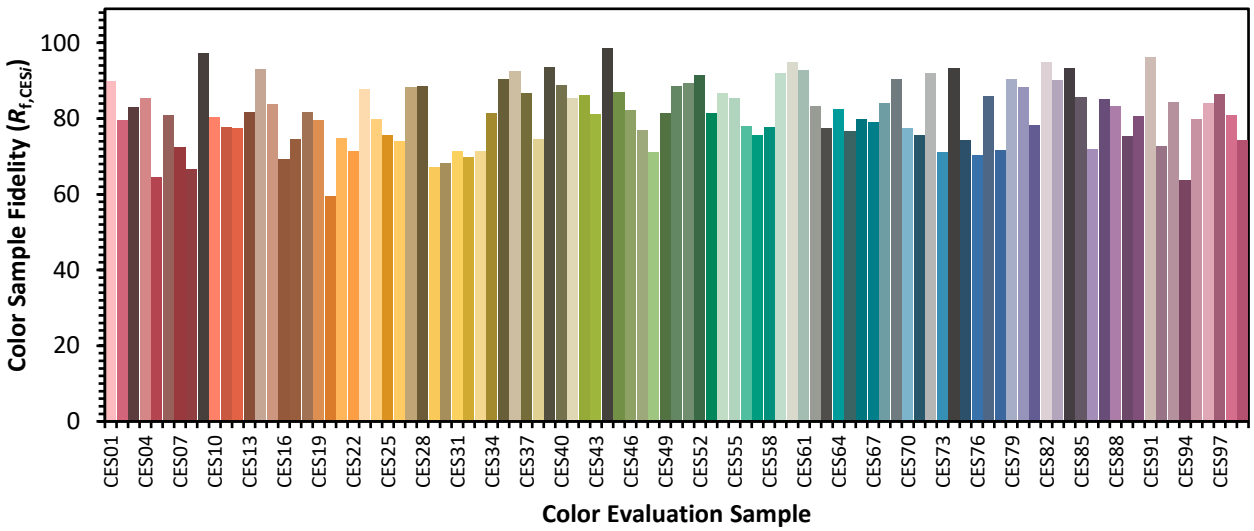
Individual Sample Fidelity Index ($R_{f,i}$)

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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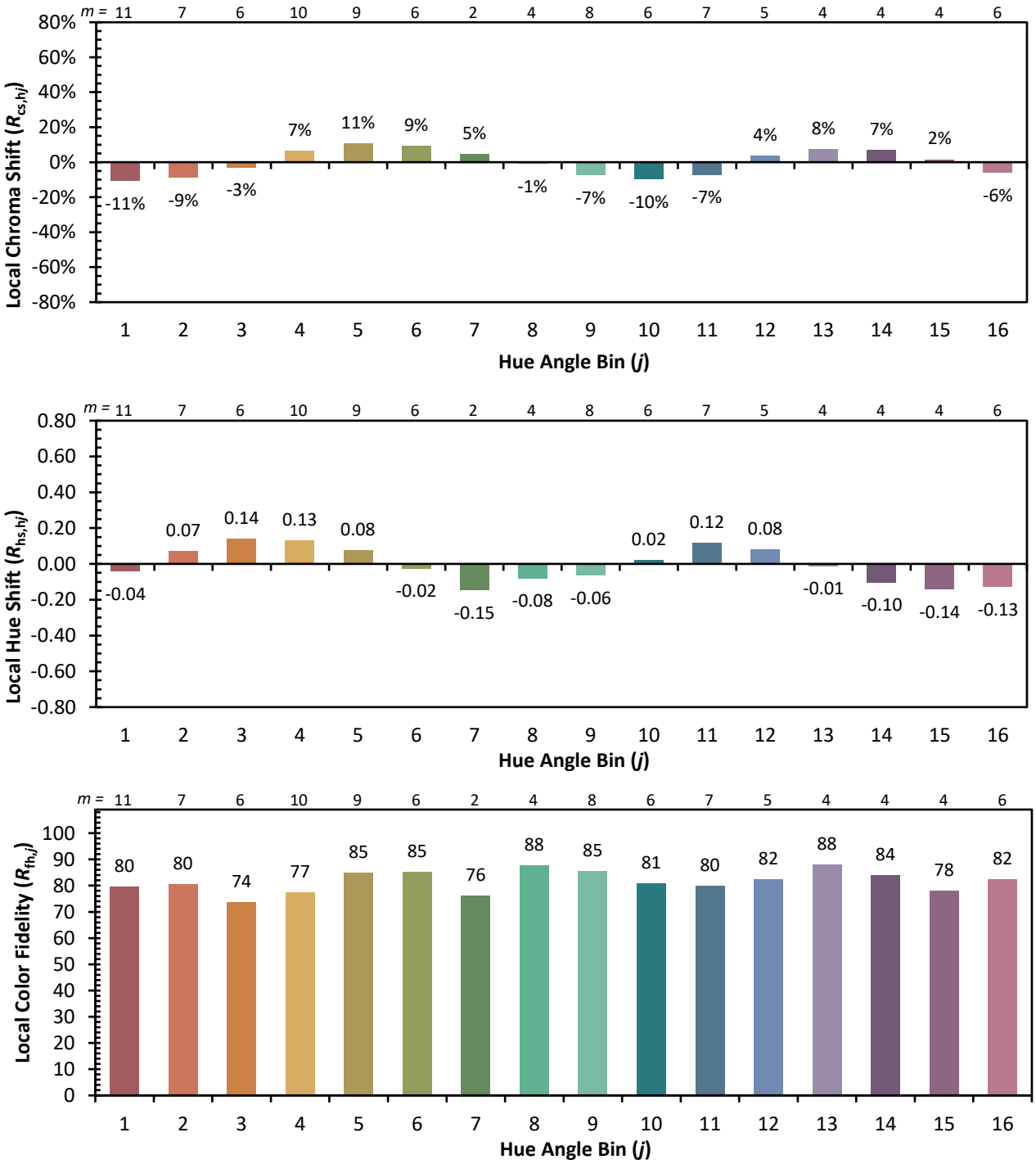
Color Rendition by Hue-Angle Bin



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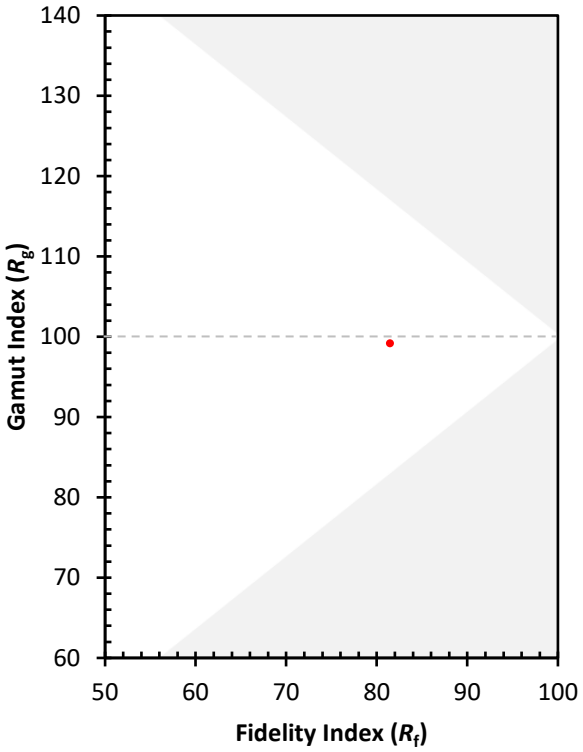
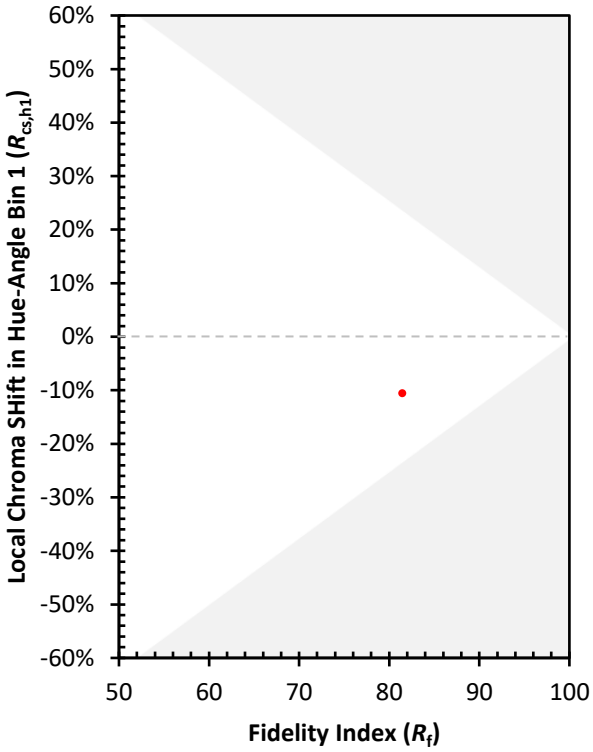
Measure Comparisons





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