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: P1456638

Luminaire Tested: GLAN-SB5D-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:	P1456638
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5D-830-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 5xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(130) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	45035.6 lumens
Efficiency:	N/A
Efficacy:	123.4 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):	364.9
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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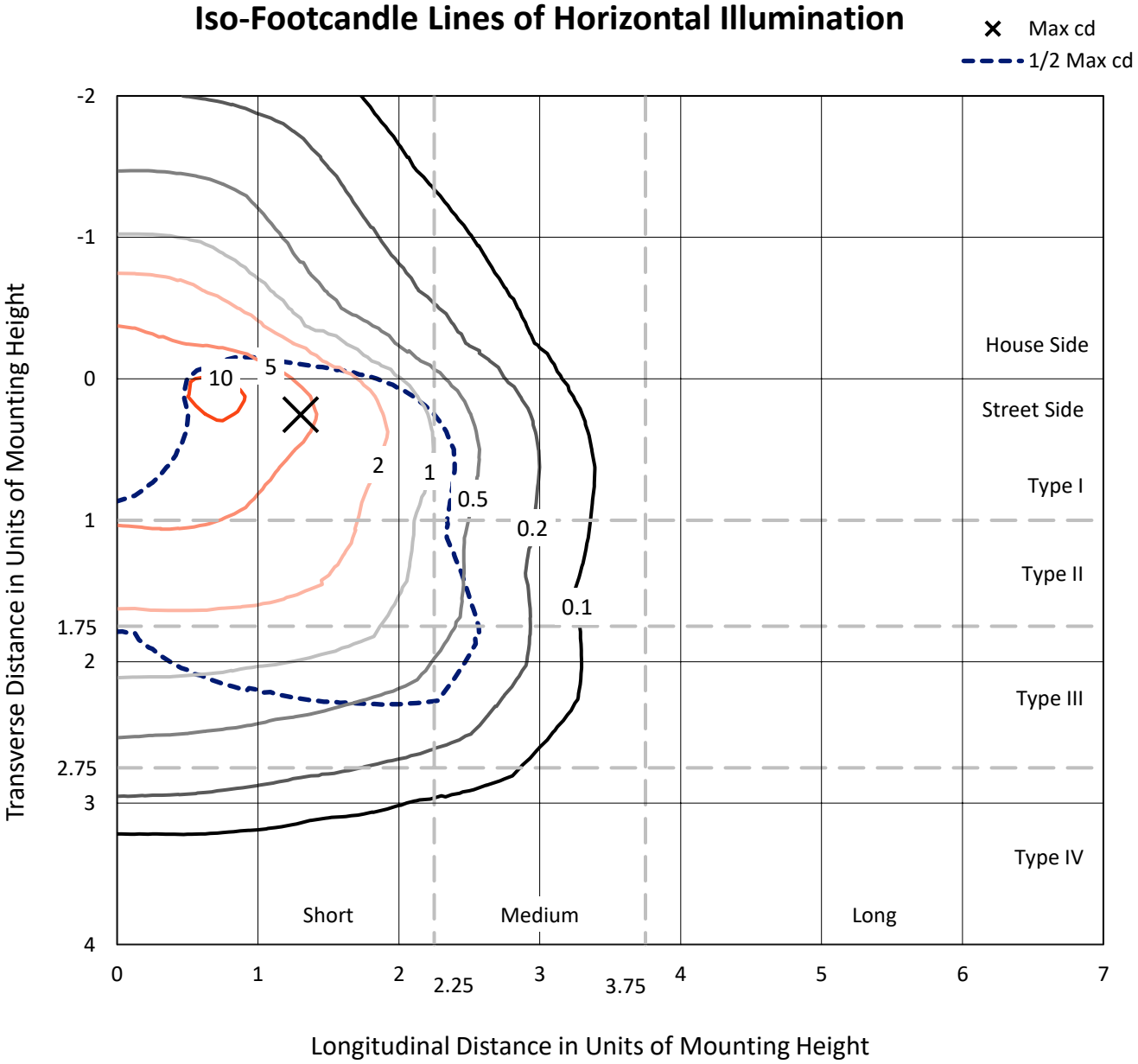
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 11.4 fc
Type III - Short - N/A

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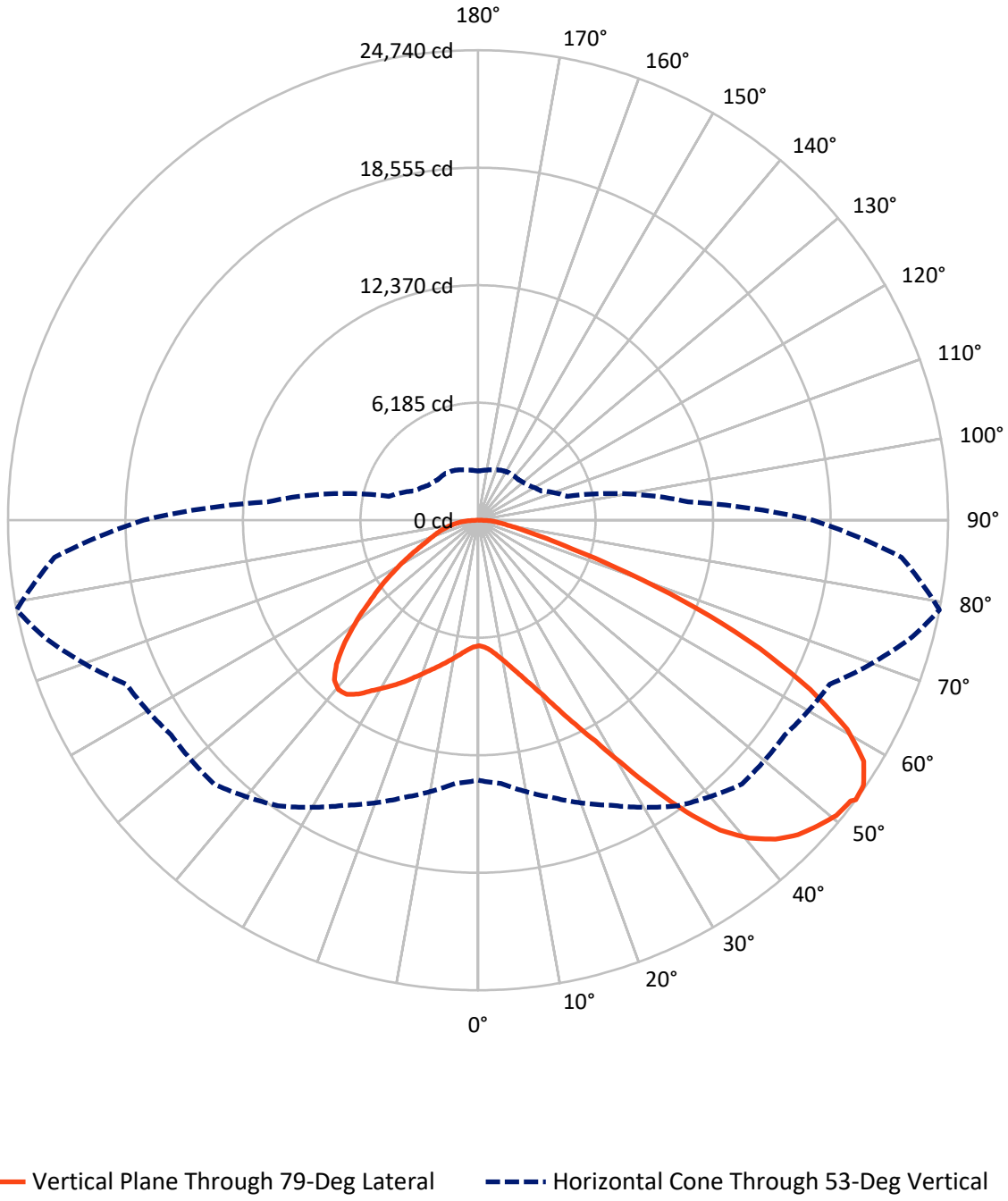
Luminous Intensity Polar Plot



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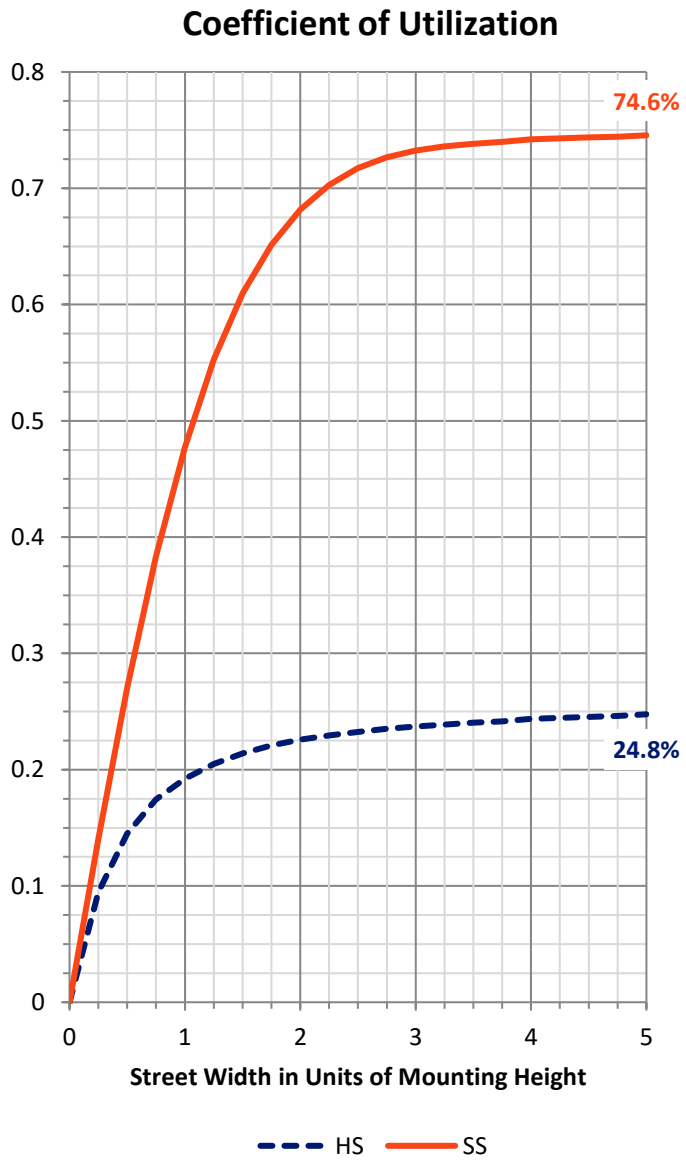
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11353.1	0.0	11353.1
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	33682.4	0.0	33682.4
	% Fixture	74.8	0.0	74.8
Total	Lumens	45035.6	0.0	45035.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	630.0	1.4
10°-20°	1950.7	4.3
20°-30°	3729.7	8.3
30°-40°	6403.5	14.2
40°-50°	8969.4	19.9
50°-60°	10179.1	22.6
60°-70°	8926.5	19.8
70°-80°	3490.4	7.8
80°-90°	756.3	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°	45035.6	100.0
0°-180°	45035.6	100.0



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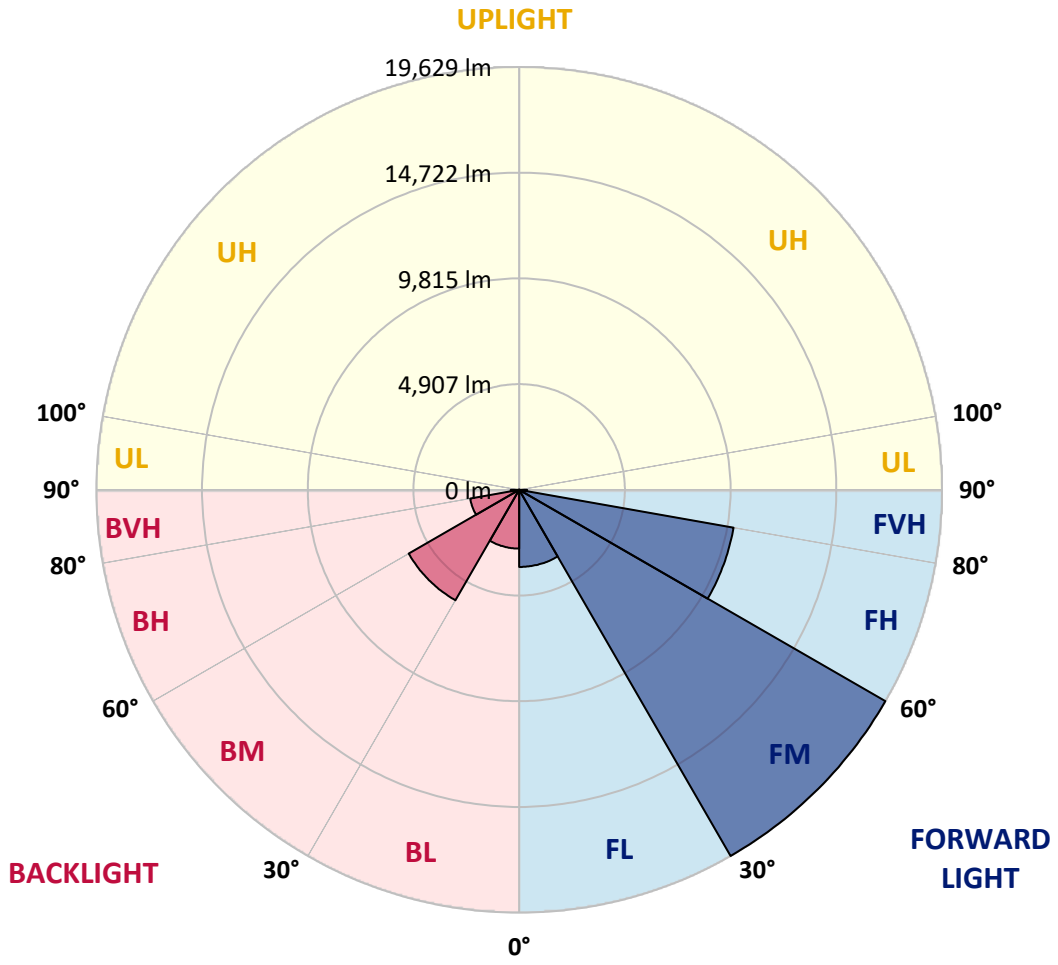
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3579.9	7.9			
FM	(30°-60°)	19629.4	43.6			
FH	(60°-80°)	10106.3	22.4			G4/12000
FVH	(80°-90°)	366.8	0.8			G3/500
BL	(0°-30°)	2730.5	6.1	B4/5000		
BM	(30°-60°)	5922.7	13.2	B4/8500		
BH	(60°-80°)	2310.5	5.1	B3/2500		G3/2500
BVH	(80°-90°)	389.4	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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REPORT NUMBER: P1456638
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	6611.3	6611.3	6611.3	6611.3	6611.3	6611.3	6611.3	6611.3	6611.3	*6611.3*	6611.3
2.5°	6621.4	6621.4	6581.2	6621.4	6601.3	6631.4	6651.5	6651.5	6691.6	*6681.6*	6681.6
5°	6511.0	6491.0	6480.9	6551.1	6591.3	6671.5	6761.8	6802.0	6872.2	*6872.2*	6882.2
7.5°	6220.1	6210.0	6260.2	6400.7	6531.1	6731.7	6922.3	7032.7	7143.1	*7163.1*	7163.1
10°	6039.5	6029.5	6089.7	6260.2	6470.9	6761.8	7062.8	7293.5	7474.1	*7524.3*	7524.3
12.5°	6039.5	6039.5	6089.7	6260.2	6480.9	6832.1	7243.4	7634.6	7915.5	*7975.7*	7955.7
15°	6210.0	6200.0	6260.2	6440.8	6651.5	6982.5	7484.2	8005.8	8387.1	*8497.4*	8507.5
17.5°	6390.6	6380.6	6470.9	6701.6	6952.4	7283.5	7795.2	8437.2	8979.0	*9119.4*	9149.5
20°	6671.5	6661.5	6771.9	6992.6	7303.6	7684.8	8216.5	8948.9	9701.3	*9851.8*	9891.9
22.5°	6992.6	7002.6	7123.0	7393.9	7704.9	8206.5	8858.6	9671.2	10574.1	*10804.9*	10845.0
25°	7664.7	7634.6	7735.0	7925.6	8256.6	8858.6	9661.2	10544.0	11617.5	*11898.4*	11948.6
27.5°	8557.6	8507.5	8617.8	8808.4	9049.2	9611.0	10534.0	11517.2	12811.4	*13162.5*	13172.5
30°	9360.2	9330.1	9480.6	9871.9	10122.7	10554.1	11537.2	12660.9	14286.1	*14797.8*	14817.8
32.5°	10052.4	10042.4	10323.3	10824.9	11396.8	11858.3	12811.4	14105.5	16152.1	*16744.0*	16613.6
35°	10714.6	10744.7	11095.8	11617.5	12380.0	13302.9	14266.0	15740.8	18118.5	*18830.8*	18620.1
37.5°	11386.8	11406.8	11868.3	12540.5	13343.1	14547.0	15841.1	17516.5	19824.0	*20706.8*	20245.3
40°	12008.8	12069.0	12691.0	13413.3	14456.7	15680.6	17125.3	18750.5	21138.2	*22011.0*	21509.4
42.5°	12630.8	12721.1	13393.2	14386.4	15500.0	16774.1	18018.2	19502.9	21980.9	*22954.1*	22181.6
45°	13272.8	13333.0	14165.7	15199.1	16463.1	17636.9	18529.8	19984.5	22562.8	*23616.2*	22562.8
47.5°	13704.2	13824.6	14737.6	15931.4	17195.5	18299.1	18941.1	20185.1	22934.0	*24047.6*	22703.3
50°	13874.8	14045.3	15028.5	16352.8	17797.4	18921.1	19262.2	20295.5	23345.3	*24428.8*	22673.2
52.5°	13844.7	14005.2	15078.7	16543.4	18279.0	19492.9	19573.2	20415.9	23636.3	*24559.3*	22412.3
53°	*13684.2*	*13904.9*	*15108.8*	*16553.4*	*18349.2*	*19643.4*	*19713.6*	*20425.9*	*23676.4*	*24739.9*	*22372.2*
55°	13132.4	13252.8	14797.8	16543.4	18680.3	20205.2	20104.9	20726.9	23786.8	*24619.5*	21930.8
57.5°	12630.8	12751.2	14095.5	16352.8	18951.2	20997.8	20736.9	20676.7	23184.8	*23937.3*	20817.2
60°	12309.7	12349.9	13483.5	15750.8	18840.8	21549.6	21148.3	20084.8	21700.0	*22322.0*	18860.9
62.5°	12038.9	12028.8	13032.1	14888.1	18419.5	21629.8	21228.5	18620.1	19523.0	*19623.3*	16252.5
65°	11426.9	11356.7	12329.8	13914.9	17546.6	21268.6	20245.3	16402.9	16633.7	*16302.6*	13052.1
67.5°	10213.0	10062.5	10925.3	12430.1	15770.9	20245.3	18369.3	13824.6	13112.3	*12450.2*	9831.7
70°	7313.6	7313.6	8005.8	9510.7	12660.9	17496.5	15770.9	10463.8	9029.1	*8437.2*	6571.2
72.5°	3581.6	3671.9	4394.2	5618.1	8487.4	12701.0	12079.0	6781.9	5477.7	*5186.7*	4213.6
75°	1524.9	1535.0	1876.1	2488.0	4303.9	7514.3	7564.4	3912.6	3511.3	*3370.9*	2789.0
77.5°	1063.4	1083.5	1234.0	1464.7	2046.6	3451.1	3932.7	2367.6	2357.6	*2257.3*	1986.4
80°	812.6	832.7	933.0	1093.5	1374.4	1765.7	2036.6	1605.2	1685.4	*1585.1*	1434.6
82.5°	612.0	632.0	702.3	822.7	983.2	1183.8	1143.7	1183.8	1244.0	*1183.8*	1033.3
85°	411.3	421.4	471.5	571.8	632.0	712.3	712.3	862.8	902.9	*882.8*	812.6
87.5°	210.7	210.7	250.8	301.0	321.0	331.1	290.9	381.2	431.4	*471.5*	381.2
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: P1456638
CATALOG NUMBER: GLAN-SB5D-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6611.3	6611.3	6611.3	6611.3	6611.3	6611.3	6611.3	6611.3	6611.3	6611.3	6611.3
2.5°	6681.6	6691.6	6661.5	6651.5	6641.4	6591.3	6591.3	6541.1	6531.1	6541.1	6511.0
5°	6902.3	6882.2	6802.0	6741.8	6671.5	6531.1	6450.8	6340.5	6310.4	6280.3	6250.2
7.5°	7173.2	7143.1	7002.6	6842.1	6651.5	6380.6	6230.1	6049.5	5989.3	5939.2	5919.1
10°	7514.3	7454.1	7233.3	6892.2	6541.1	6210.0	5999.4	5778.7	5678.3	5658.3	5608.1
12.5°	7955.7	7845.3	7434.0	6902.3	6440.8	6009.4	5778.7	5608.1	5568.0	5557.9	5507.8
15°	8447.3	8286.7	7624.6	6912.3	6310.4	5838.8	5698.4	5608.1	5608.1	5598.1	5568.0
17.5°	9049.2	8788.4	7805.2	6872.2	6149.8	5788.7	5718.5	5638.2	5618.1	5628.2	5588.0
20°	9771.5	9340.1	7995.8	6822.0	6079.6	5798.7	5718.5	5608.1	5557.9	5547.9	5517.8
22.5°	10604.2	9972.2	8206.5	6741.8	6079.6	5788.7	5658.3	5507.8	5407.5	5367.3	5327.2
25°	11557.3	10704.6	8427.2	6711.7	6099.7	5748.6	5537.9	5297.1	5136.6	5076.4	5046.3
27.5°	12711.0	11477.0	8587.7	6741.8	6089.7	5658.3	5327.2	5016.2	4835.6	4735.3	4715.2
30°	13985.1	12309.7	8698.1	6791.9	6029.5	5487.7	5076.4	4725.3	4474.4	4354.1	4324.0
32.5°	15490.0	13242.7	8808.4	6791.9	5879.0	5246.9	4785.4	4404.2	4143.4	4002.9	3982.9
35°	17155.4	14386.4	8908.8	6781.9	5698.4	4986.1	4494.5	4103.2	3832.4	3691.9	3681.9
37.5°	18569.9	15249.2	8958.9	6681.6	5447.6	4685.1	4223.6	3832.4	3551.5	3401.0	3390.9
40°	19442.8	15610.4	8858.6	6480.9	5146.6	4374.1	3922.7	3561.5	3280.6	3100.0	3059.9
42.5°	19773.8	15439.8	8537.6	6149.8	4785.4	4063.1	3671.9	3290.6	2919.4	2768.9	2738.8
45°	19663.5	14777.7	7855.4	5678.3	4384.2	3782.2	3451.1	3019.7	2779.0	2648.5	2638.5
47.5°	19292.3	13754.4	7002.6	5086.4	3962.8	3531.4	3160.2	2949.5	2728.8	2588.4	2578.3
50°	18640.2	12660.9	5979.3	4414.2	3581.6	3270.6	3090.0	2919.4	2738.8	2628.5	2608.4
52.5°	17807.5	11426.9	5036.3	3762.1	3250.5	3039.8	3019.7	2899.4	2758.9	2638.5	2588.4
53°	*17616.9*	*11105.8*	*4855.7*	*3651.8*	*3200.3*	*3009.7*	*2999.7*	*2899.4*	*2738.8*	*2628.5*	*2588.4*
55°	16703.9	10112.6	4283.8	3260.5	2949.5	2909.4	2999.7	2889.3	2688.7	2598.4	2568.3
57.5°	15239.2	8808.4	3732.0	2899.4	2688.7	2789.0	2969.6	2849.2	2628.5	2468.0	2417.8
60°	13473.5	7313.6	3310.7	2658.6	2498.1	2638.5	2849.2	2708.7	2407.8	2327.5	2317.5
62.5°	11366.7	5919.1	2989.6	2457.9	2337.5	2478.0	2668.6	2427.8	2207.1	2146.9	2126.9
65°	8878.7	4705.2	2738.8	2307.4	2177.0	2287.4	2417.8	2267.3	2126.9	2076.7	2066.7
67.5°	6601.3	3691.9	2538.2	2177.0	2016.5	2086.7	2237.2	2197.1	2076.7	2046.6	2036.6
70°	4554.7	2999.7	2357.6	2056.6	1815.9	1896.1	2126.9	2157.0	2036.6	2016.5	2006.5
72.5°	3190.3	2538.2	2167.0	1926.2	1655.3	1735.6	2076.7	2076.7	1946.3	1976.4	1956.3
75°	2397.7	2136.9	1946.3	1765.7	1454.7	1575.1	2006.5	1986.4	1856.0	1986.4	1936.2
77.5°	1805.8	1725.6	1685.4	1565.1	1274.1	1394.5	1866.0	1825.9	1655.3	1665.4	1575.1
80°	1314.2	1334.3	1444.7	1334.3	1063.4	1153.7	1575.1	1555.0	1344.3	1384.5	1274.1
82.5°	943.0	993.2	1234.0	1073.5	772.5	822.7	1083.5	1173.8	1053.4	993.2	1013.3
85°	712.3	742.4	993.2	792.6	481.6	541.7	742.4	842.7	822.7	762.5	772.5
87.5°	301.0	341.1	461.5	371.2	280.9	280.9	461.5	591.9	531.7	451.5	471.5
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

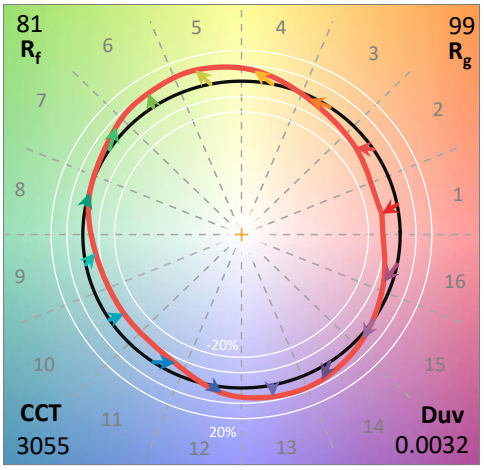
Test Information

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

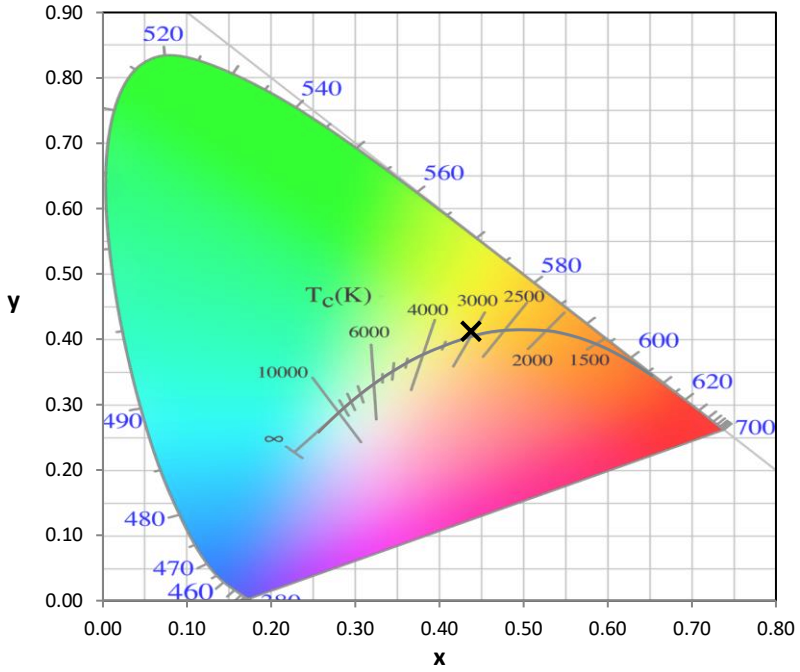
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

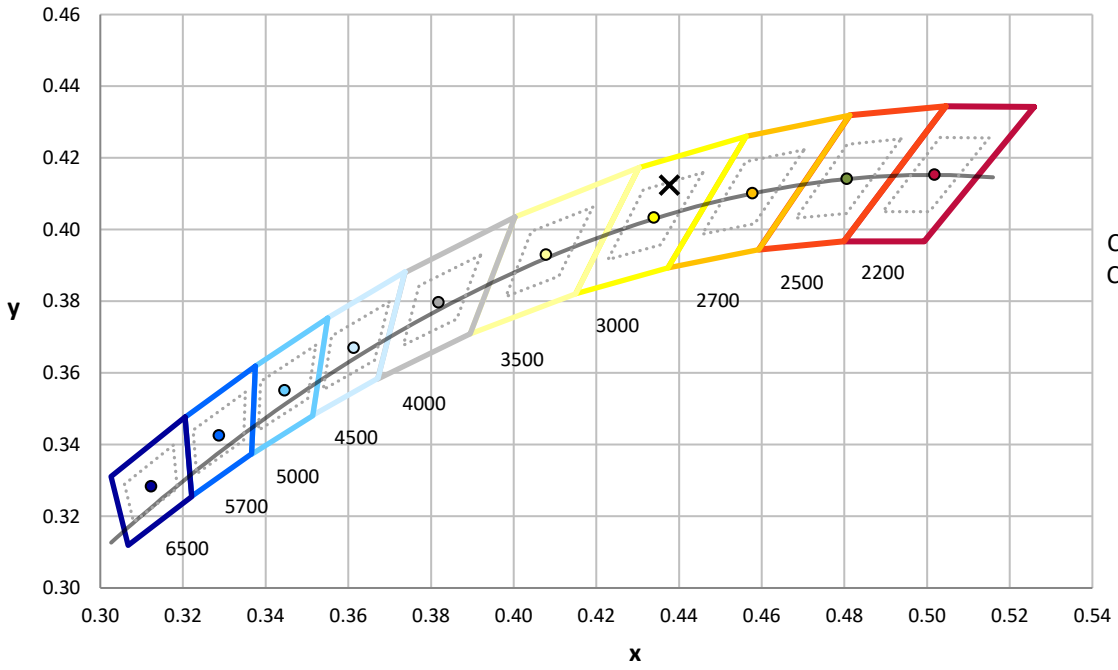
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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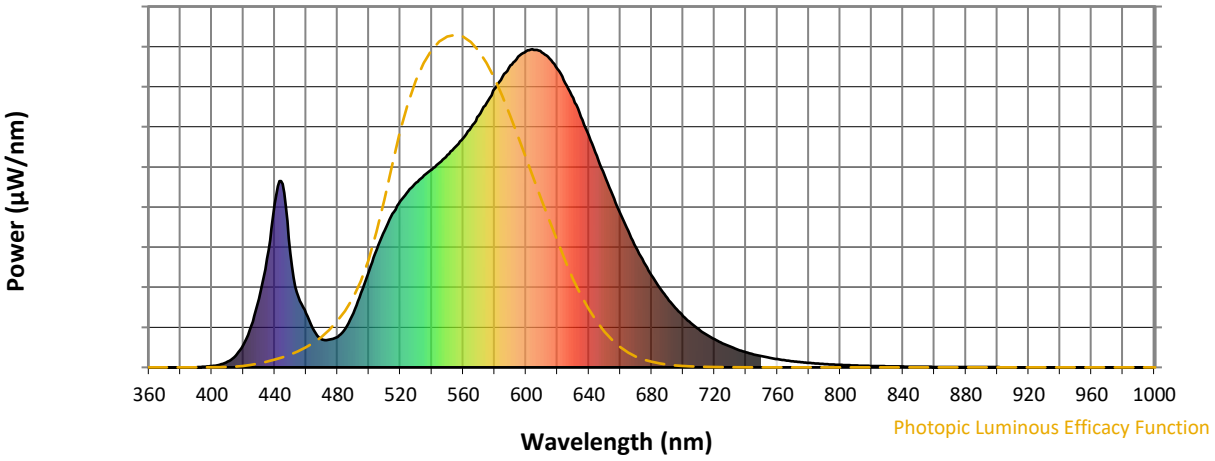
Photopic Flux vs. Wavelength



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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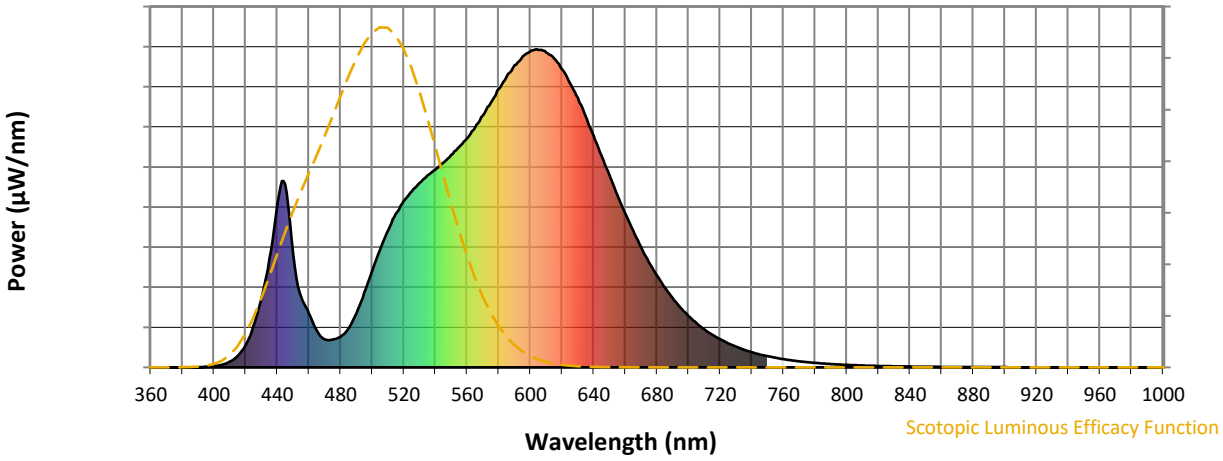
Scotopic Flux vs. Wavelength



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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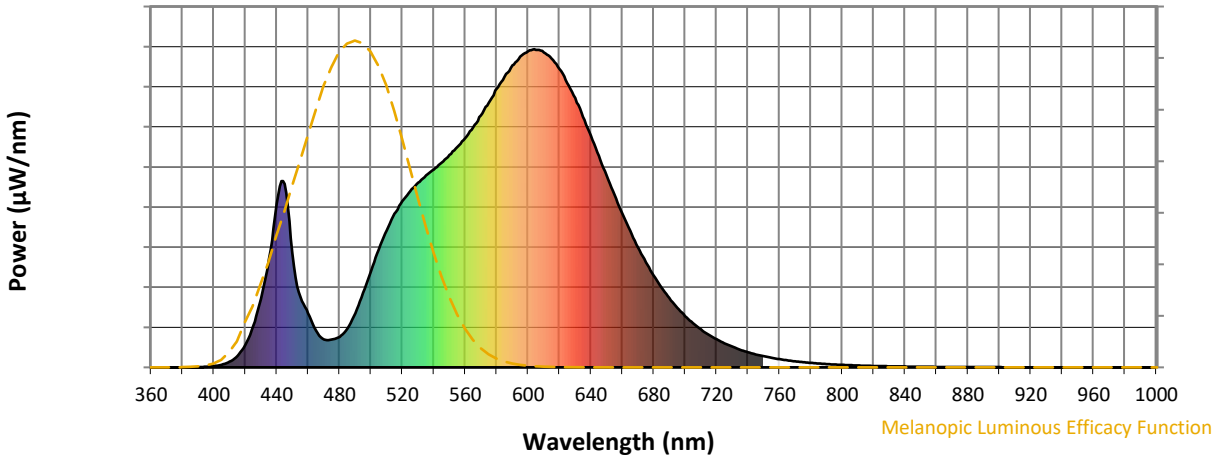
Melanopic Flux vs. Wavelength



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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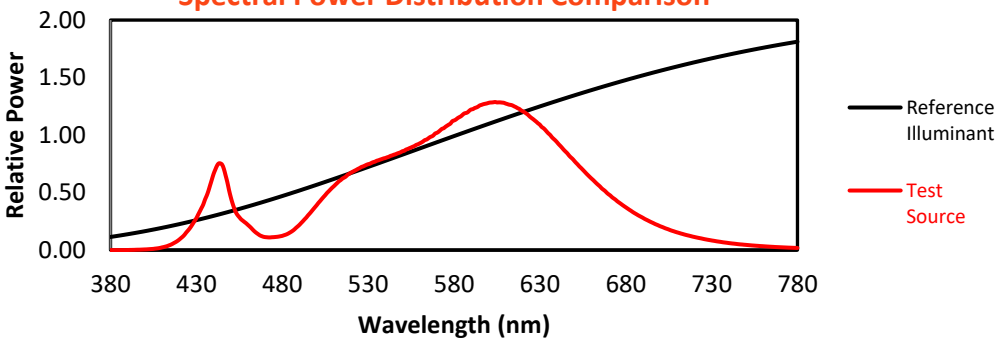
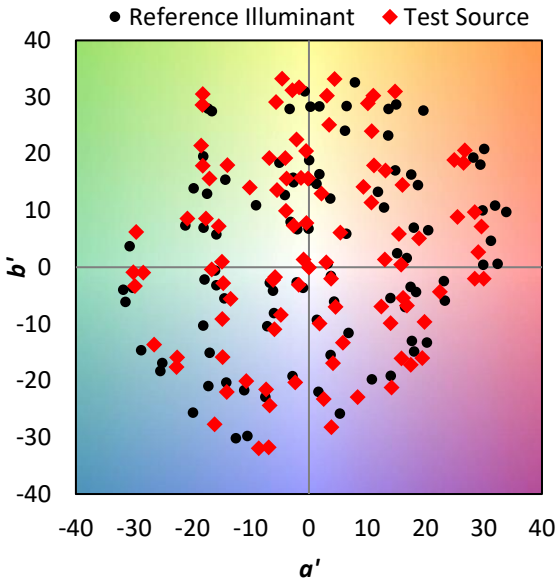
Summary

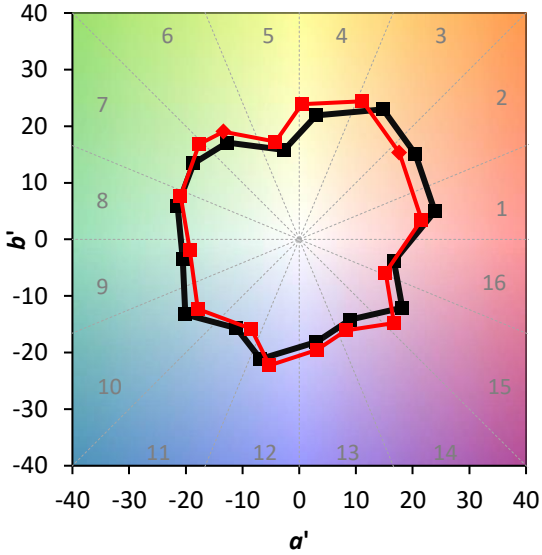
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

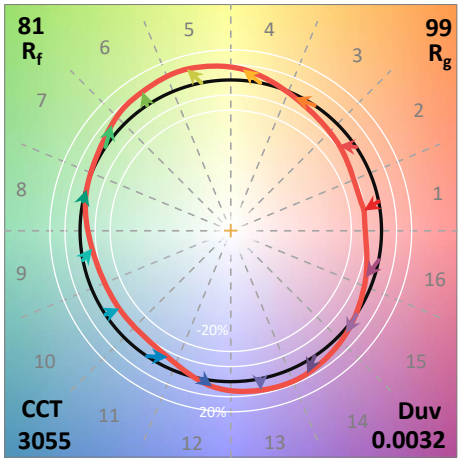
Spectral Power Distribution Comparison

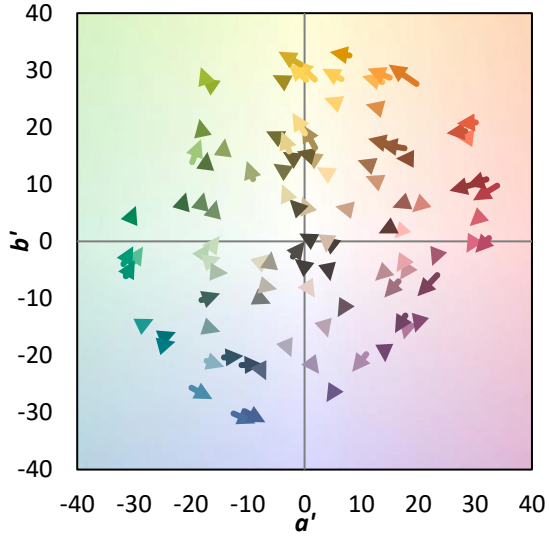


Color Vector Graphics









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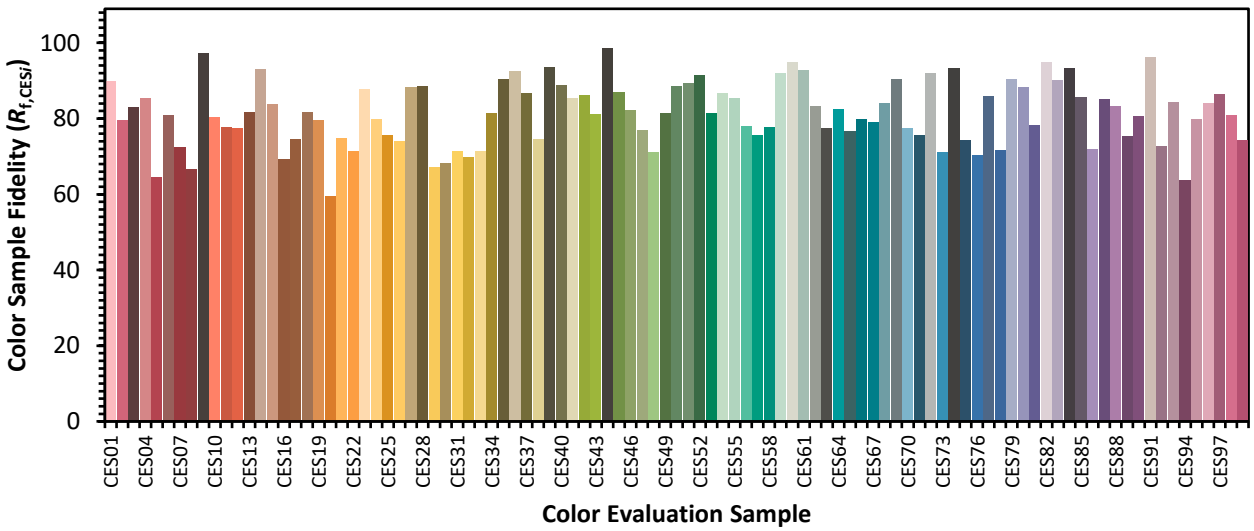
Individual Sample Fidelity Index ($R_{f,i}$)

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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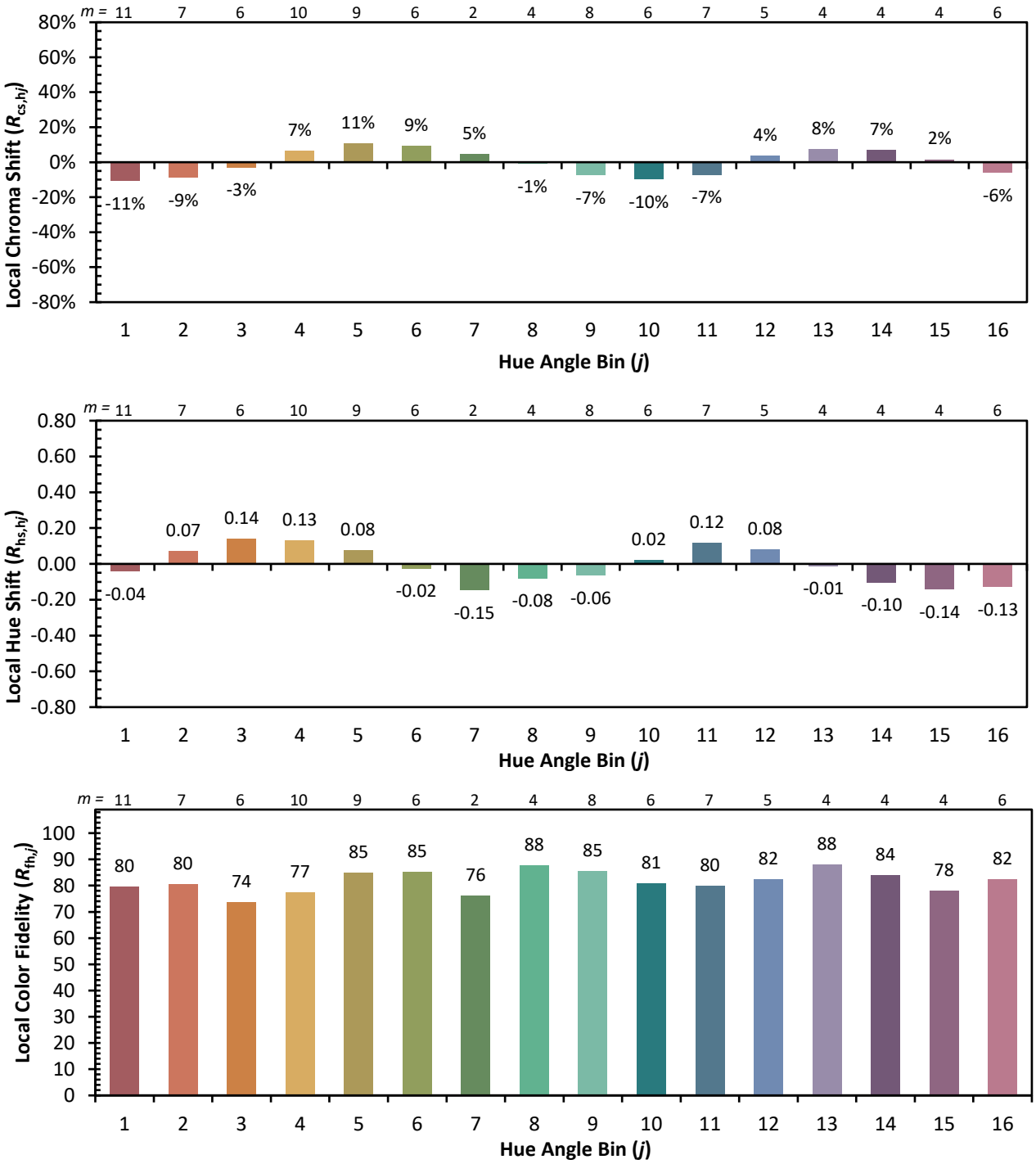
Color Rendition by Hue-Angle Bin



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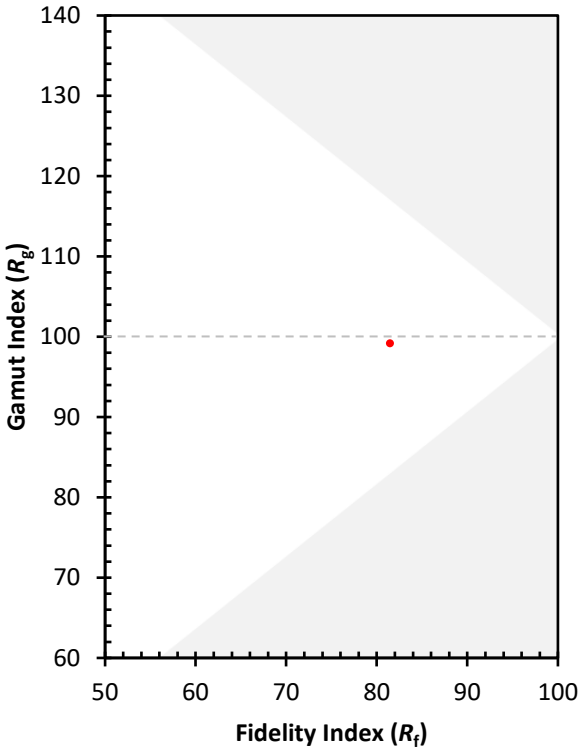
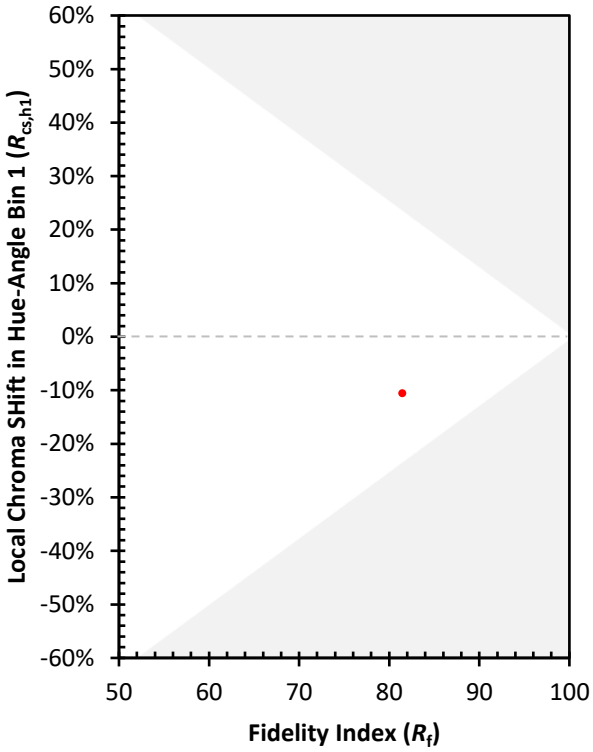
Measure Comparisons





(END OF REPORT)