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: P1458933

Luminaire Tested: GLAN-SB3C-830-U-T4LG-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:	P1458933
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3C-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14635.2 lumens
Efficiency:	N/A
Efficacy:	98.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	149.1
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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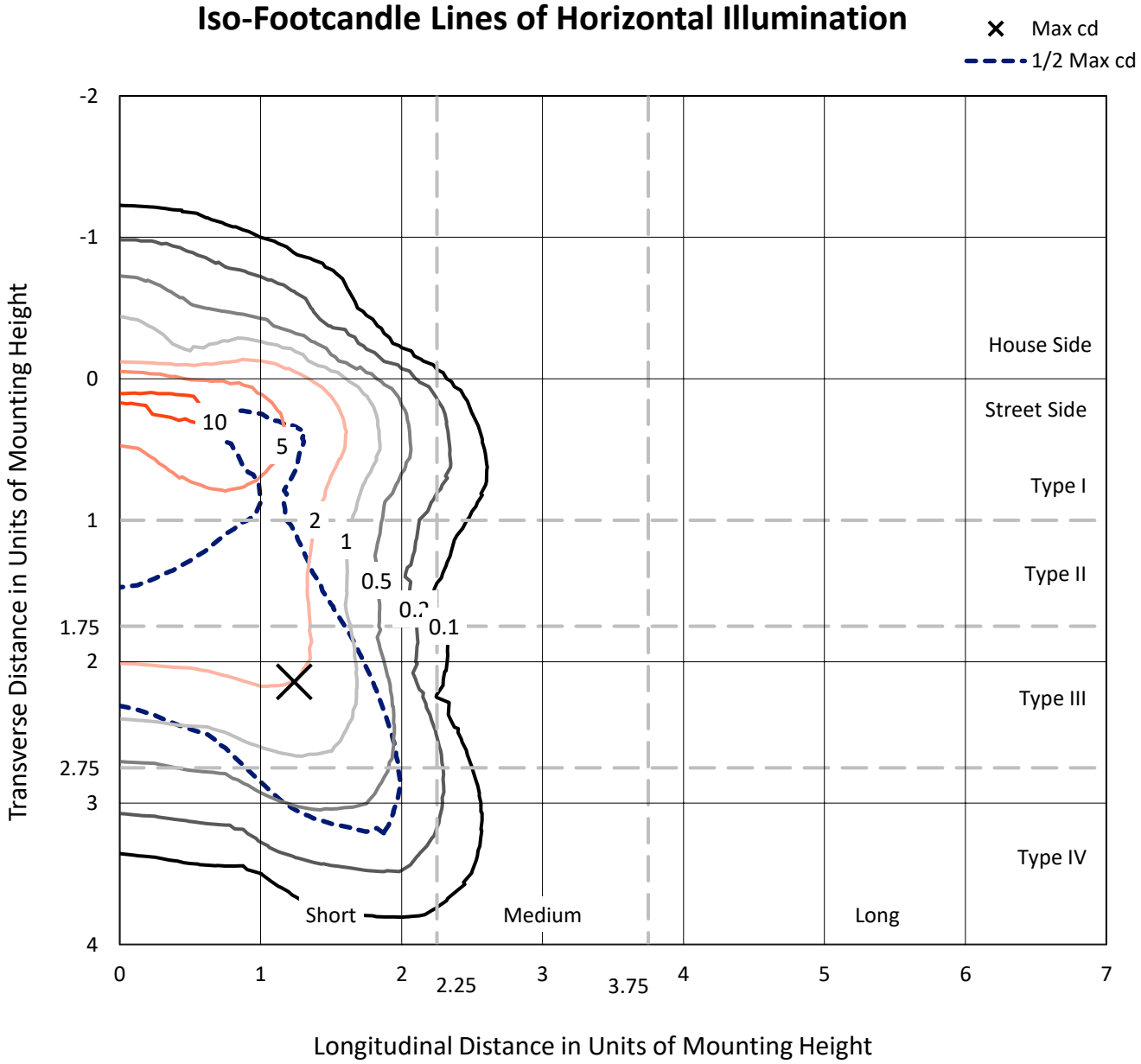
REPORT NUMBER: P1458933
CATALOG NUMBER: GLAN-SB3C-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 11 fc
Type IV - Short - N/A

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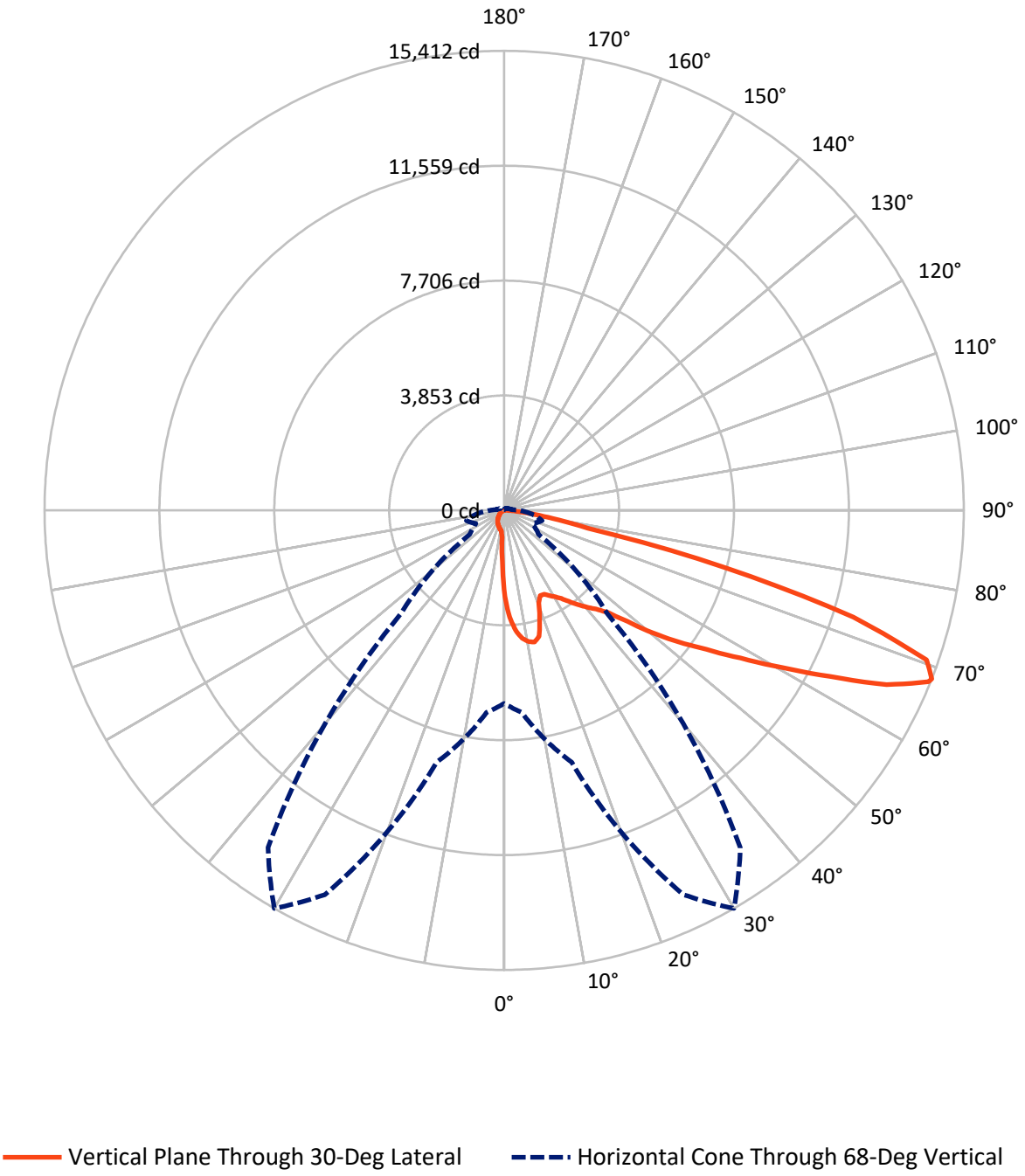
Luminous Intensity Polar Plot



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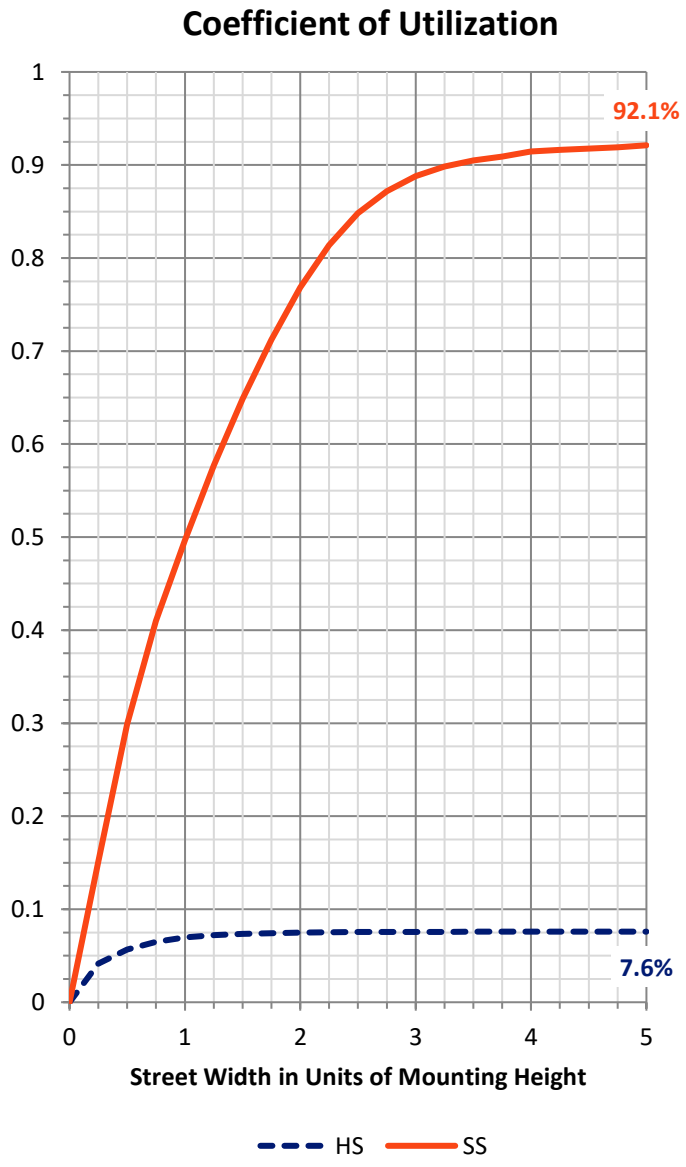
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1117.0	0.0	1117.0
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	13518.1	0.0	13518.1
	% Fixture	92.4	0.0	92.4
Total	Lumens	14635.2	0.0	14635.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	249.0	1.7
10°-20°	710.9	4.9
20°-30°	1117.2	7.6
30°-40°	1752.2	12.0
40°-50°	2619.1	17.9
50°-60°	3484.2	23.8
60°-70°	3368.2	23.0
70°-80°	1210.7	8.3
80°-90°	123.6	0.8
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°	14635.2	100.0
0°-180°	14635.2	100.0



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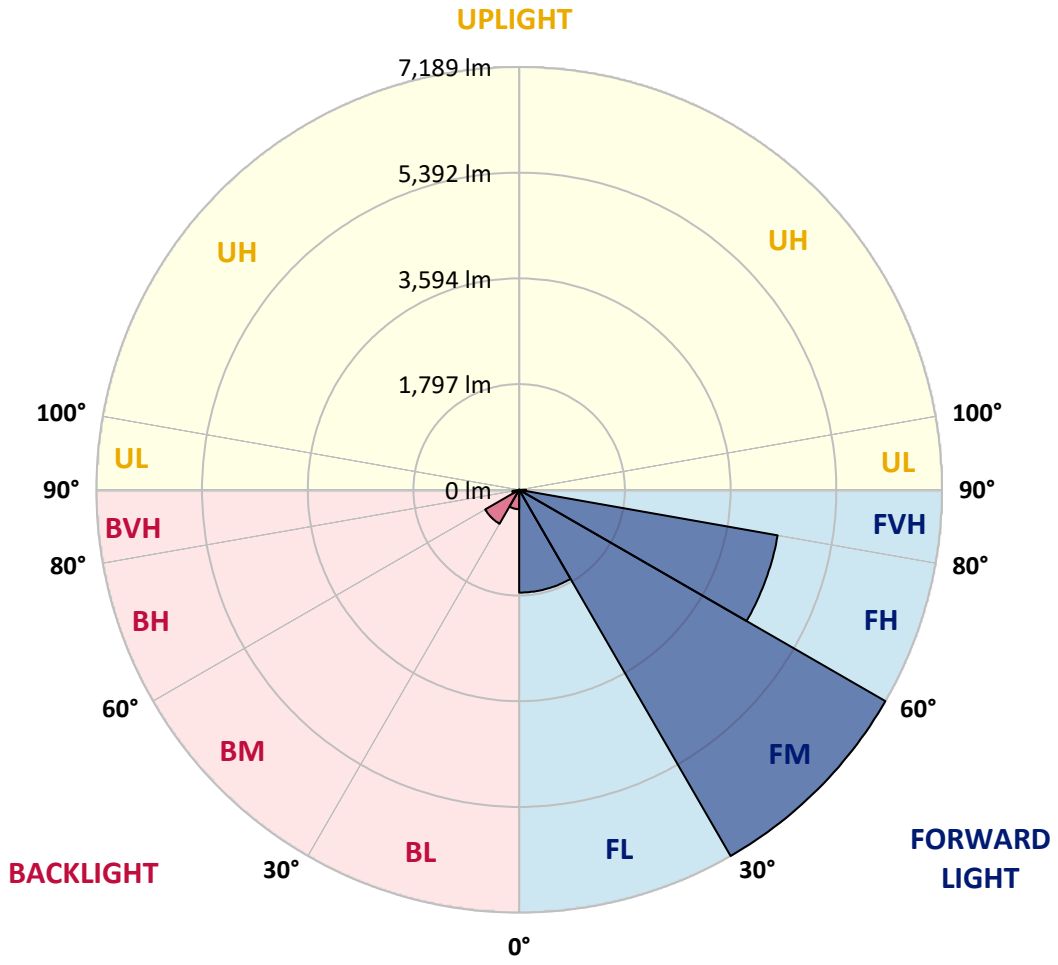
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1747.4	11.9			
FM	(30°-60°)	7188.8	49.1			
FH	(60°-80°)	4462.7	30.5			G2/5000
FVH	(80°-90°)	119.2	0.8			G2/225
BL	(0°-30°)	329.7	2.3	B1/500		
BM	(30°-60°)	666.8	4.6	B1/1000		
BH	(60°-80°)	116.2	0.8	B1/500		G1/500
BVH	(80°-90°)	4.4	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-G2
Type IV Short



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REPORT NUMBER: P1458933
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2885.9	2885.9	2885.9	2885.9	*2885.9*	2885.9	2885.9	2885.9	2885.9	2885.9	2885.9
2.5°	3688.5	3688.5	3662.2	3627.1	*3587.6*	3574.5	3499.9	3394.6	3285.0	3157.8	2973.6
5°	4162.2	4157.8	4105.1	4105.1	*4052.5*	4004.3	3929.7	3776.2	3600.8	3372.7	3052.5
7.5°	4372.7	4381.5	4359.5	4359.5	*4328.8*	4293.7	4249.9	4100.8	3894.6	3587.6	3131.5
10°	4447.2	4451.6	4451.6	4482.3	*4473.6*	4469.2	4464.8	4381.5	4166.5	3806.9	3214.8
12.5°	4267.4	4289.4	4350.8	4486.7	*4530.6*	4578.8	4644.6	4618.3	4469.2	4083.2	3342.0
15°	3688.5	3692.9	3863.9	4201.6	*4381.5*	4565.7	4820.0	4872.7	4776.2	4381.5	3473.6
17.5°	3043.8	3056.9	3192.9	3570.1	*3859.5*	4285.0	4920.9	5135.8	5100.7	4675.3	3596.4
20°	2776.2	2793.8	2859.6	3096.4	*3315.7*	3710.4	4820.0	5385.8	5399.0	4969.2	3710.4
22.5°	2714.8	2728.0	2780.6	2964.8	*3100.8*	3363.9	4477.9	5583.2	5736.7	5306.9	3846.4
25°	2697.3	2710.4	2789.4	2991.1	*3118.3*	3337.6	4166.5	5688.4	6135.8	5657.7	3978.0
27.5°	2684.1	2701.7	2828.9	3087.6	*3236.8*	3447.3	4109.5	5710.4	6517.4	6030.5	4192.9
30°	2701.7	2728.0	2894.7	3188.5	*3359.6*	3596.4	4245.5	5732.3	6938.4	6456.0	4464.8
32.5°	2771.9	2793.8	2995.5	3324.5	*3521.8*	3789.4	4477.9	5863.9	7337.5	6890.2	4723.6
35°	2850.8	2881.5	3122.7	3517.4	*3754.3*	4056.9	4793.7	6122.6	7719.1	7302.4	4991.1
37.5°	2947.3	2982.4	3271.8	3736.7	*4008.7*	4350.8	5135.8	6482.3	8056.8	7640.1	5258.6
40°	3078.9	3118.3	3442.9	3969.2	*4263.0*	4605.1	5473.5	6837.5	8315.6	7841.9	5434.1
42.5°	3596.4	3649.0	3785.0	4197.3	*4526.2*	4877.1	5806.9	7175.2	8412.0	7907.7	5469.1
45°	4561.3	4613.9	4578.8	4657.8	*4877.1*	5206.0	6170.9	7499.8	8425.2	7890.1	5451.6
47.5°	5530.5	5591.9	5561.2	5517.4	*5565.6*	5723.5	6578.8	7705.9	8355.0	7881.4	5451.6
50°	6456.0	6420.9	6425.3	6412.1	*6456.0*	6539.3	6973.5	7745.4	8337.5	7964.7	5499.8
52.5°	6951.6	6969.1	7078.7	7241.0	*7337.5*	7420.8	7425.2	7806.8	8210.3	7824.3	5442.8
55°	7438.4	7473.5	7727.9	8004.2	*8219.1*	8377.0	7877.0	7767.3	7451.5	7355.1	5144.6
57.5°	7986.6	8034.9	8394.5	8964.7	*9341.8*	9425.2	8324.3	7030.5	6306.8	6684.0	4565.7
60°	8741.0	8798.0	9276.1	10131.3	*10692.7*	10521.6	8359.4	5859.5	5008.6	5548.1	3767.4
62.5°	9333.1	9447.1	10311.1	11644.4	*12262.8*	11719.0	7705.9	4491.1	3499.9	3899.0	2749.9
65°	8701.5	8920.8	10328.7	13376.8	*14091.7*	13126.8	6679.6	3065.7	1973.6	2521.9	1758.7
67.5°	7034.9	7341.9	9170.8	14218.9	*15346.1*	13868.0	5258.6	1627.1	1131.5	1464.9	925.4
68°	*6473.5*	*6806.8*	*8745.4*	*14218.9*	*15411.8*	*13802.2*	*4881.4*	*1407.9*	*1043.8*	*1315.8*	*802.6*
70°	4473.6	4710.4	6723.5	13420.7	*15025.9*	12583.0	3214.8	807.0	785.1	903.5	530.7
72.5°	2192.9	2447.3	3596.4	10635.7	*12240.9*	9670.8	1464.9	535.1	596.5	662.3	416.7
75°	872.8	925.4	1416.6	5245.5	*7648.9*	6170.9	767.5	403.5	513.1	517.5	328.9
77.5°	500.0	530.7	785.1	1929.8	*2868.3*	2758.7	495.6	289.5	407.9	372.8	214.9
80°	280.7	285.1	443.0	1017.5	*1640.3*	1469.3	337.7	210.5	311.4	263.2	144.7
82.5°	140.3	157.9	280.7	561.4	*912.3*	934.2	179.8	149.1	250.0	188.6	118.4
85°	100.9	109.6	201.7	311.4	*421.0*	631.6	109.6	74.6	188.6	127.2	83.3
87.5°	52.6	65.8	127.2	153.5	*171.0*	214.9	52.6	35.1	105.3	74.6	43.9
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: P1458933
CATALOG NUMBER: GLAN-SB3C-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2885.9	2885.9	2885.9	2885.9	2885.9	2885.9	2885.9	2885.9	2885.9	2885.9	2885.9
2.5°	2885.9	2785.0	2578.9	2337.7	2149.1	1956.1	1798.2	1649.1	1578.9	1570.1	1587.7
5°	2872.7	2653.4	2184.1	1723.6	1346.5	1083.3	938.6	864.0	824.5	807.0	811.4
7.5°	2846.4	2513.1	1763.1	1166.6	872.8	758.8	723.7	710.5	706.1	706.1	706.1
10°	2820.1	2324.5	1350.8	855.2	714.9	684.2	675.4	675.4	671.0	671.0	675.4
12.5°	2806.9	2149.1	1048.2	714.9	666.6	653.5	644.7	640.3	640.3	640.3	644.7
15°	2776.2	1956.1	846.5	662.3	635.9	618.4	614.0	609.6	609.6	609.6	609.6
17.5°	2749.9	1767.5	736.8	627.2	605.2	587.7	583.3	578.9	578.9	583.3	583.3
20°	2710.4	1587.7	662.3	592.1	574.5	557.0	552.6	548.2	552.6	552.6	552.6
22.5°	2662.2	1438.6	618.4	565.8	543.8	526.3	526.3	526.3	526.3	526.3	530.7
25°	2631.5	1333.3	587.7	535.1	513.1	500.0	495.6	495.6	504.4	504.4	508.8
27.5°	2679.7	1307.0	592.1	526.3	486.8	473.7	469.3	469.3	478.1	482.4	486.8
30°	2824.5	1355.2	644.7	552.6	469.3	447.4	443.0	443.0	456.1	460.5	464.9
32.5°	2991.1	1456.1	723.7	587.7	456.1	421.0	412.3	412.3	425.4	429.8	434.2
35°	3219.2	1614.0	828.9	618.4	464.9	394.7	377.2	377.2	386.0	394.7	399.1
37.5°	3513.1	1872.8	951.7	640.3	464.9	364.0	342.1	337.7	346.5	346.5	350.9
40°	3820.1	2210.5	1078.9	640.3	443.0	333.3	311.4	298.2	302.6	298.2	302.6
42.5°	3991.1	2482.4	1188.6	600.9	416.7	302.6	280.7	263.2	258.8	250.0	254.4
45°	4087.6	2605.2	1157.9	557.0	390.3	280.7	254.4	232.4	223.7	210.5	210.5
47.5°	4087.6	2618.3	991.2	521.9	364.0	263.2	228.1	206.1	193.0	179.8	184.2
50°	4039.4	2499.9	785.1	486.8	333.3	245.6	206.1	188.6	171.0	162.3	162.3
52.5°	3837.6	2114.0	600.9	443.0	298.2	223.7	184.2	166.7	149.1	144.7	144.7
55°	3491.1	1552.6	486.8	399.1	267.5	206.1	166.7	153.5	136.0	127.2	127.2
57.5°	2837.6	1061.4	403.5	359.6	236.8	184.2	149.1	136.0	114.0	105.3	105.3
60°	2105.2	693.0	342.1	315.8	201.7	166.7	131.6	114.0	96.5	87.7	83.3
62.5°	1421.0	469.3	285.1	250.0	171.0	144.7	114.0	96.5	74.6	57.0	57.0
65°	885.9	364.0	236.8	197.4	149.1	127.2	96.5	74.6	52.6	39.5	35.1
67.5°	508.8	293.9	193.0	153.5	127.2	100.9	74.6	61.4	43.9	30.7	26.3
68°	*469.3*	*280.7*	*179.8*	*144.7*	*118.4*	*96.5*	*70.2*	*57.0*	*39.5*	*26.3*	*26.3*
70°	381.6	250.0	153.5	118.4	100.9	78.9	61.4	48.2	30.7	17.5	17.5
72.5°	337.7	210.5	131.6	92.1	70.2	65.8	48.2	35.1	21.9	13.2	8.8
75°	276.3	166.7	105.3	70.2	48.2	48.2	35.1	21.9	8.8	0.0	0.0
77.5°	179.8	122.8	83.3	43.9	26.3	30.7	21.9	8.8	0.0	0.0	0.0
80°	118.4	92.1	57.0	21.9	13.2	13.2	4.4	0.0	0.0	0.0	0.0
82.5°	83.3	61.4	35.1	8.8	4.4	4.4	0.0	0.0	0.0	0.0	0.0
85°	52.6	26.3	13.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.9	8.8	4.4	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

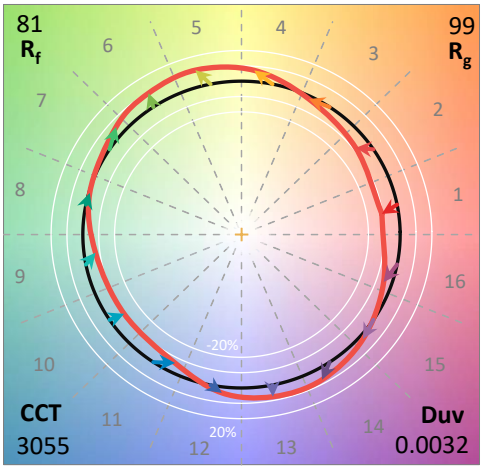
Test Information

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

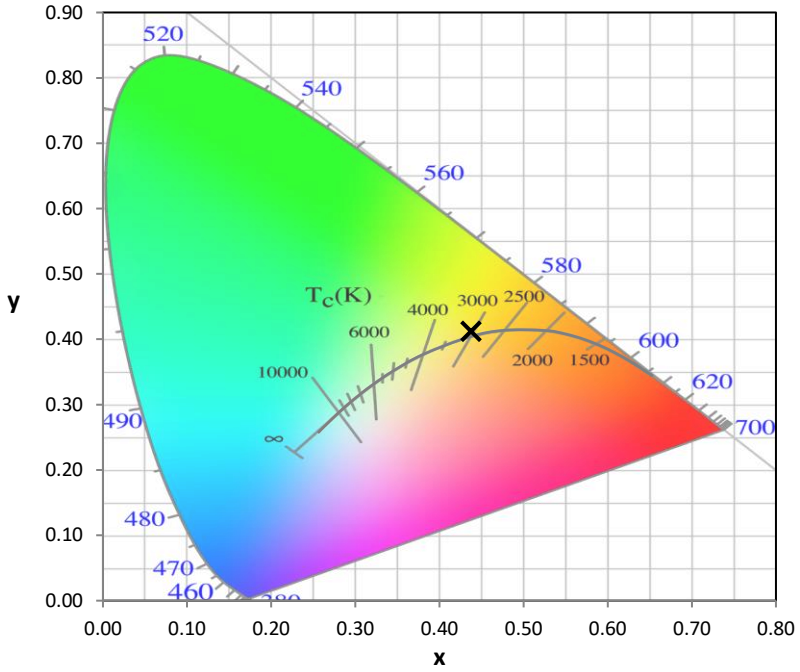
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

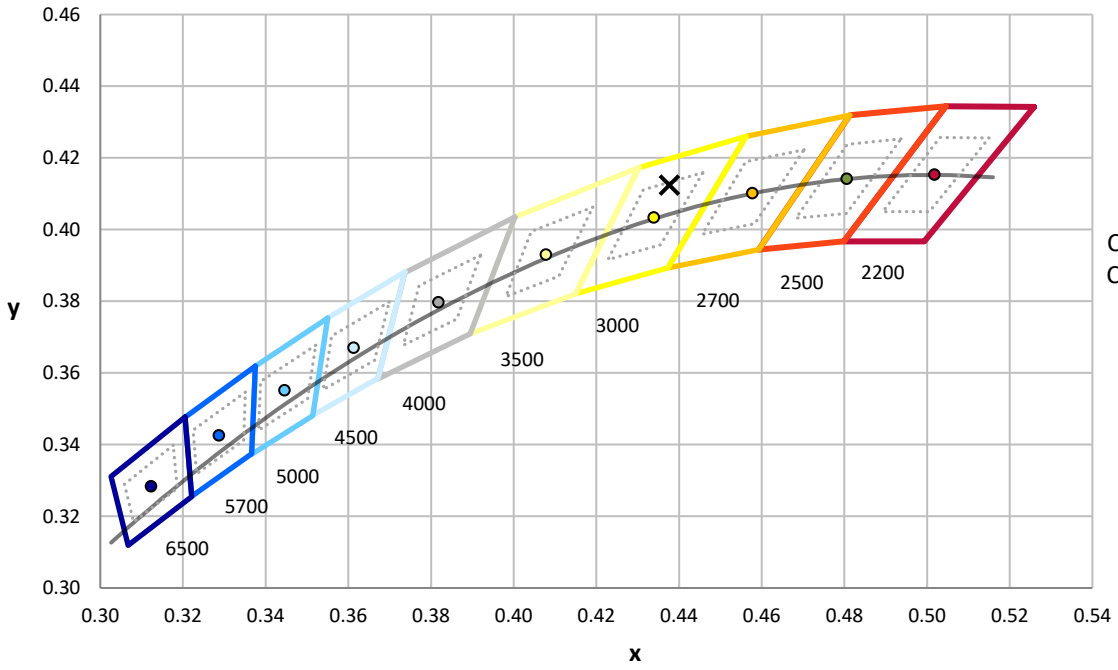
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

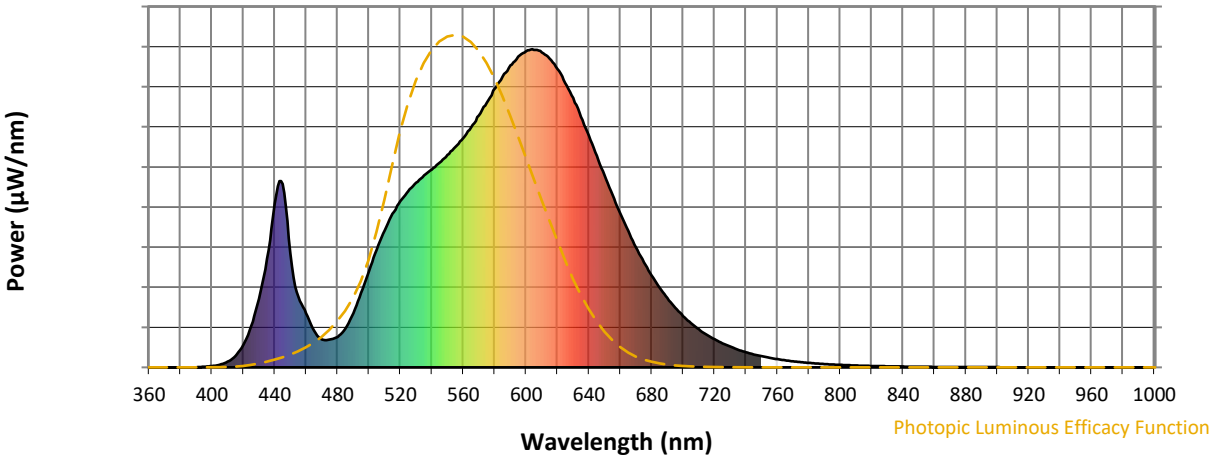


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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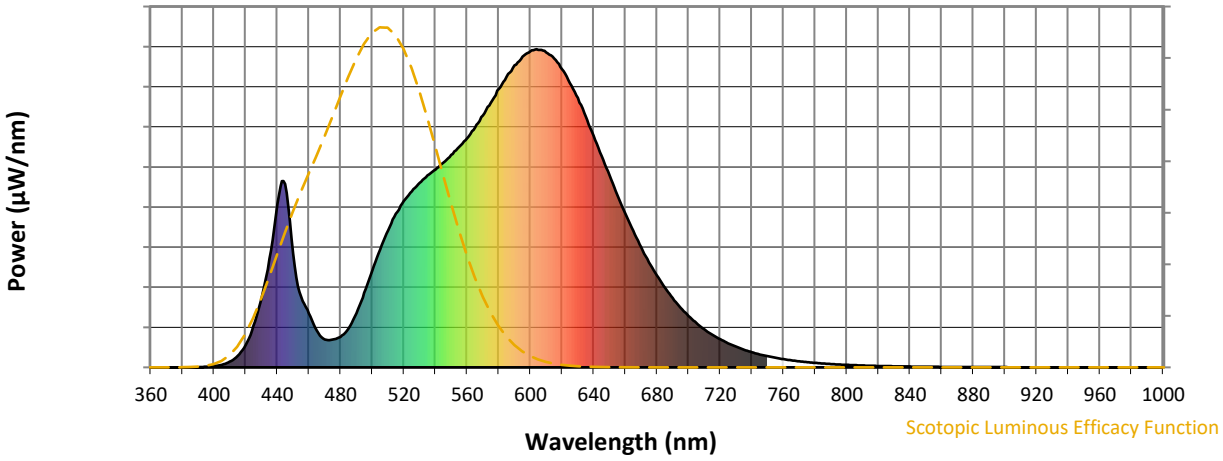
Scotopic Flux vs. Wavelength



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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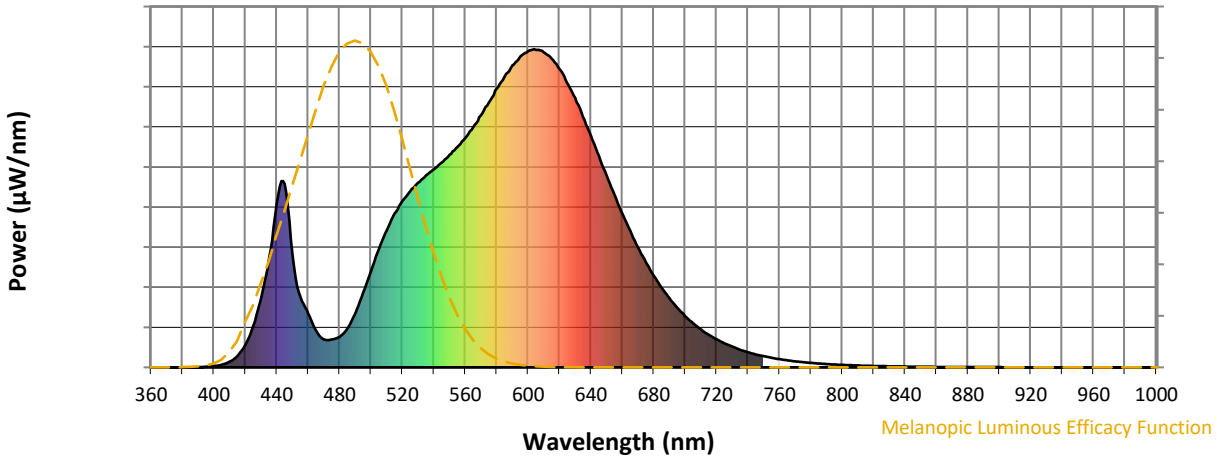
Melanopic Flux vs. Wavelength



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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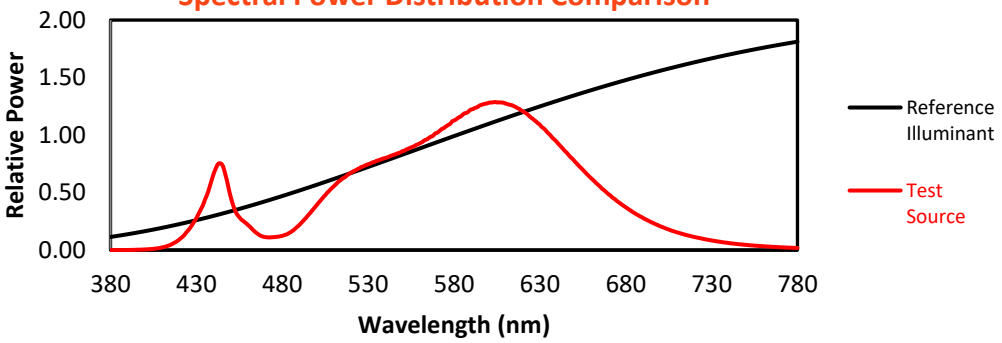
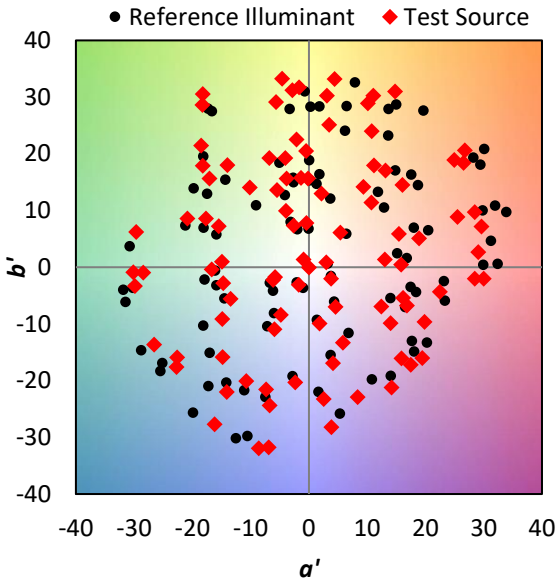
Summary

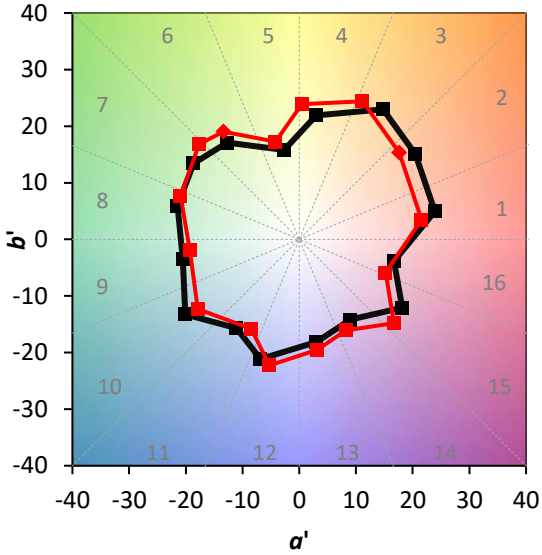
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

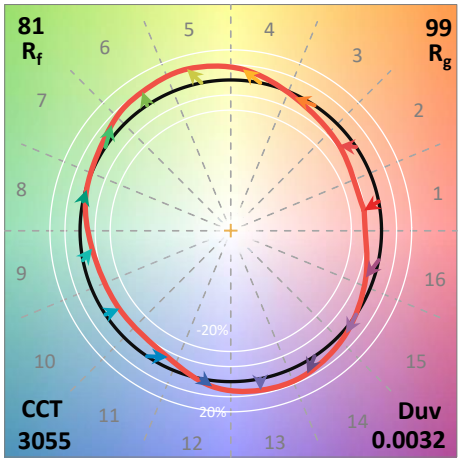
Spectral Power Distribution Comparison

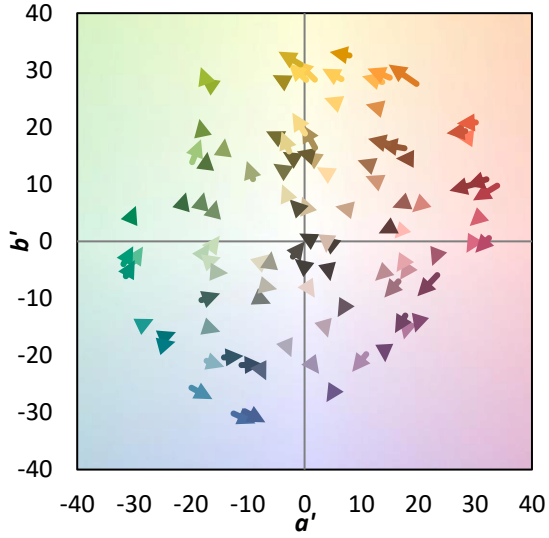


Color Vector Graphics









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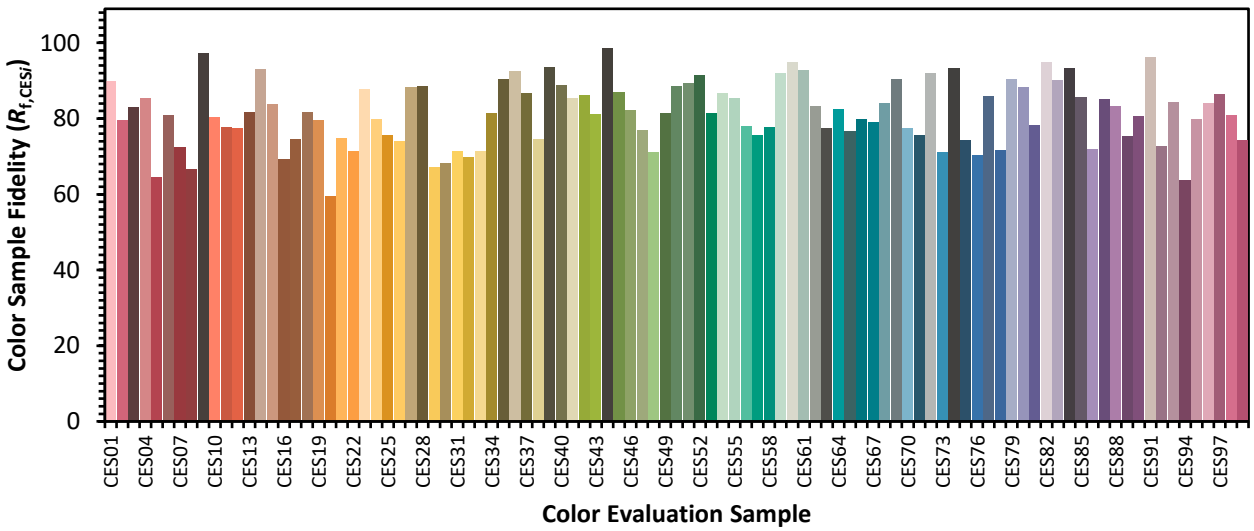
Individual Sample Fidelity Index ($R_{f,i}$)

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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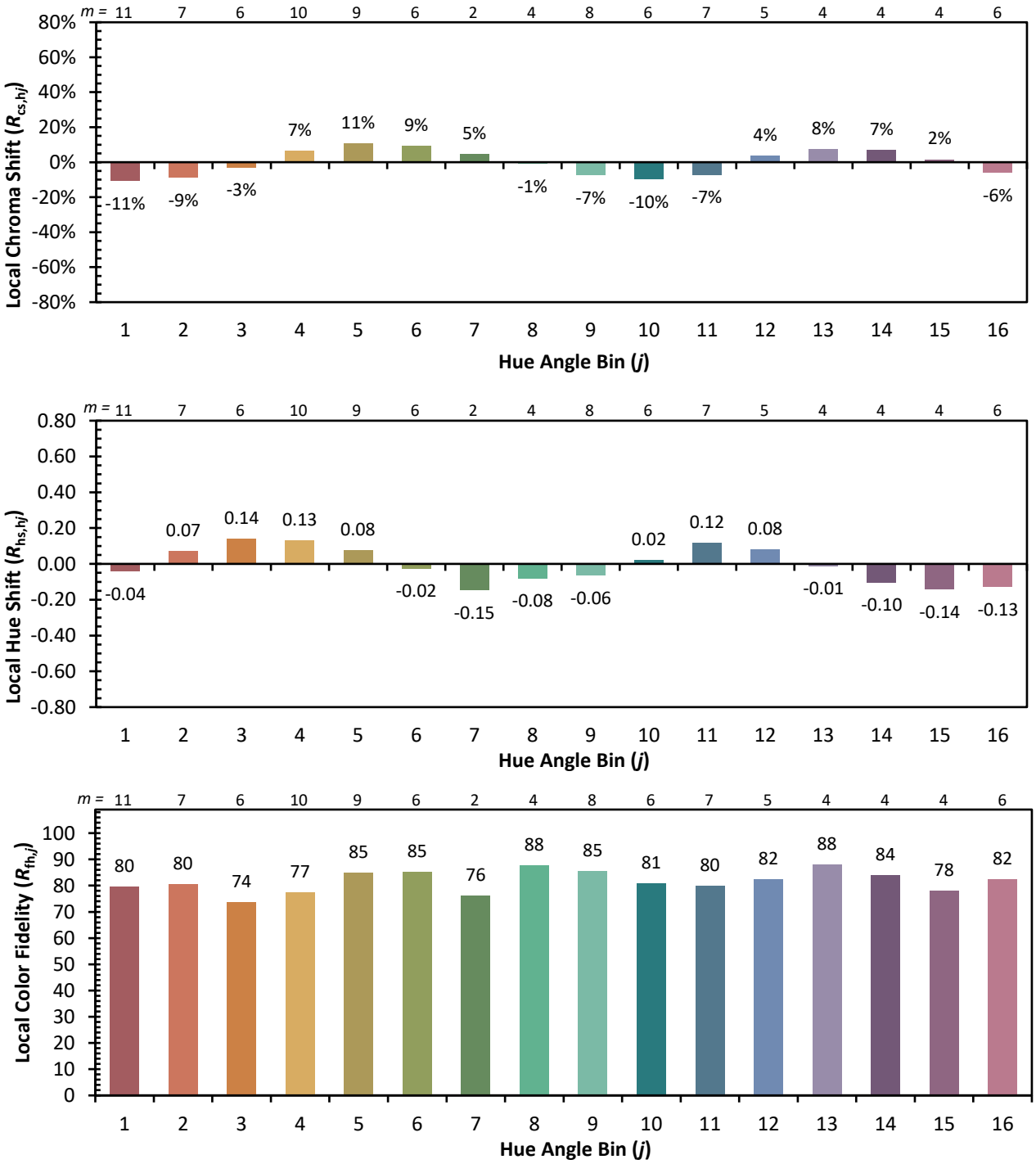
Color Rendition by Hue-Angle Bin



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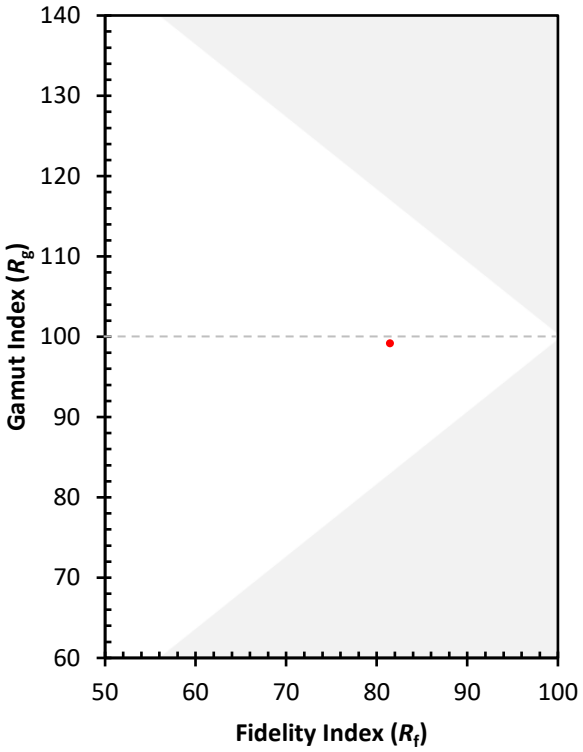
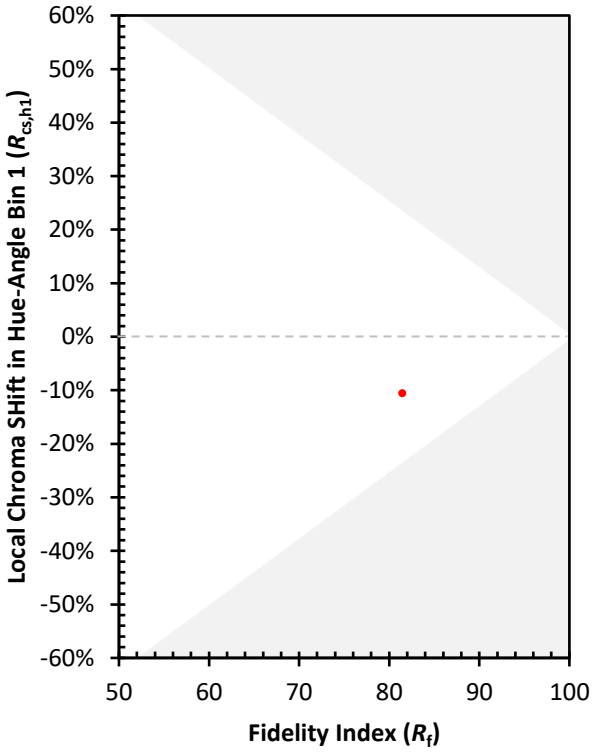
Measure Comparisons





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