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: P1459041

Luminaire Tested: GLAN-SB3C-850-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:	P1459041
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3C-850-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 3xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15583.3 lumens
Efficiency:	N/A
Efficacy:	104.5 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: P1459041
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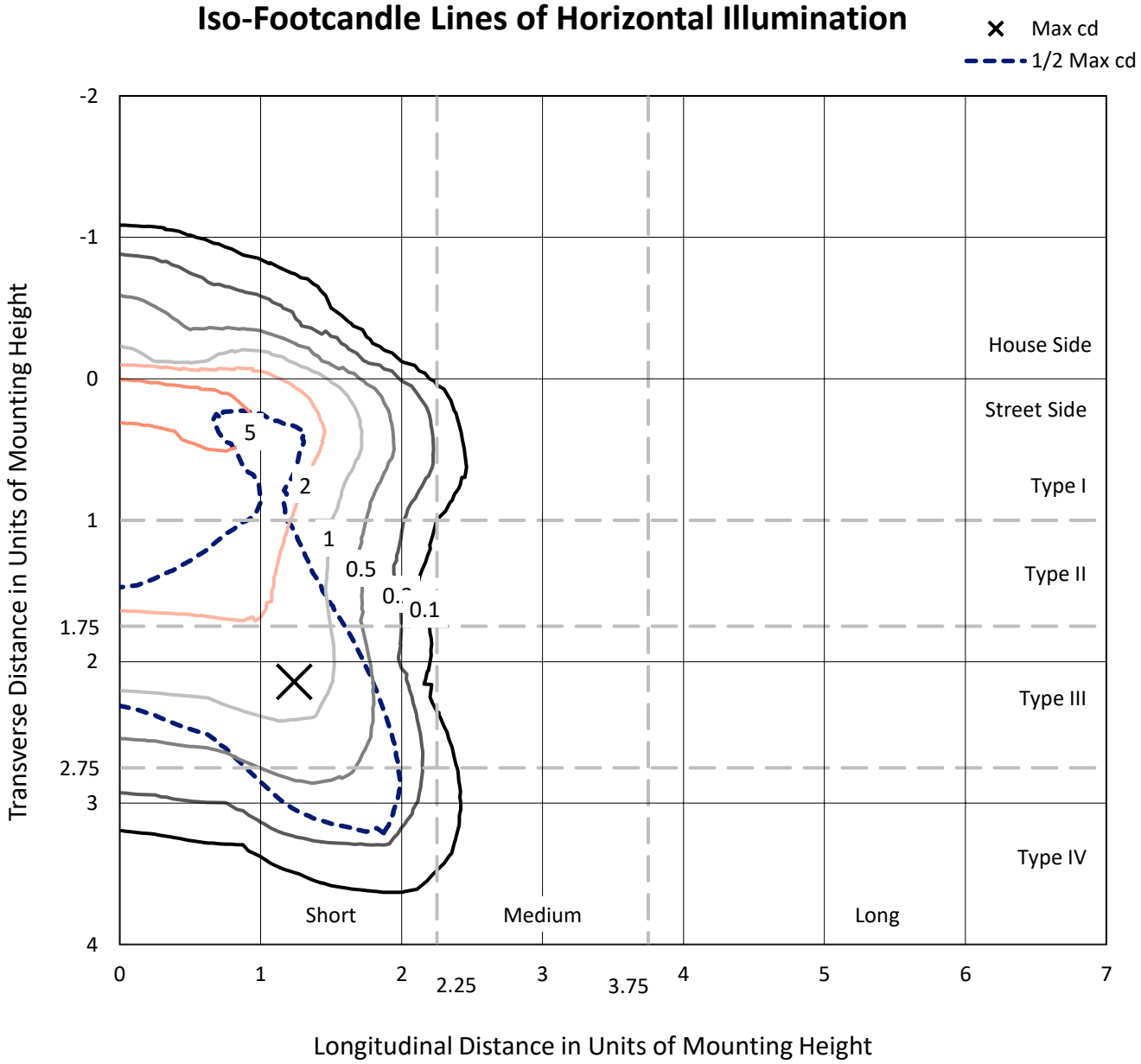
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.5 fc
Type IV - Short - N/A

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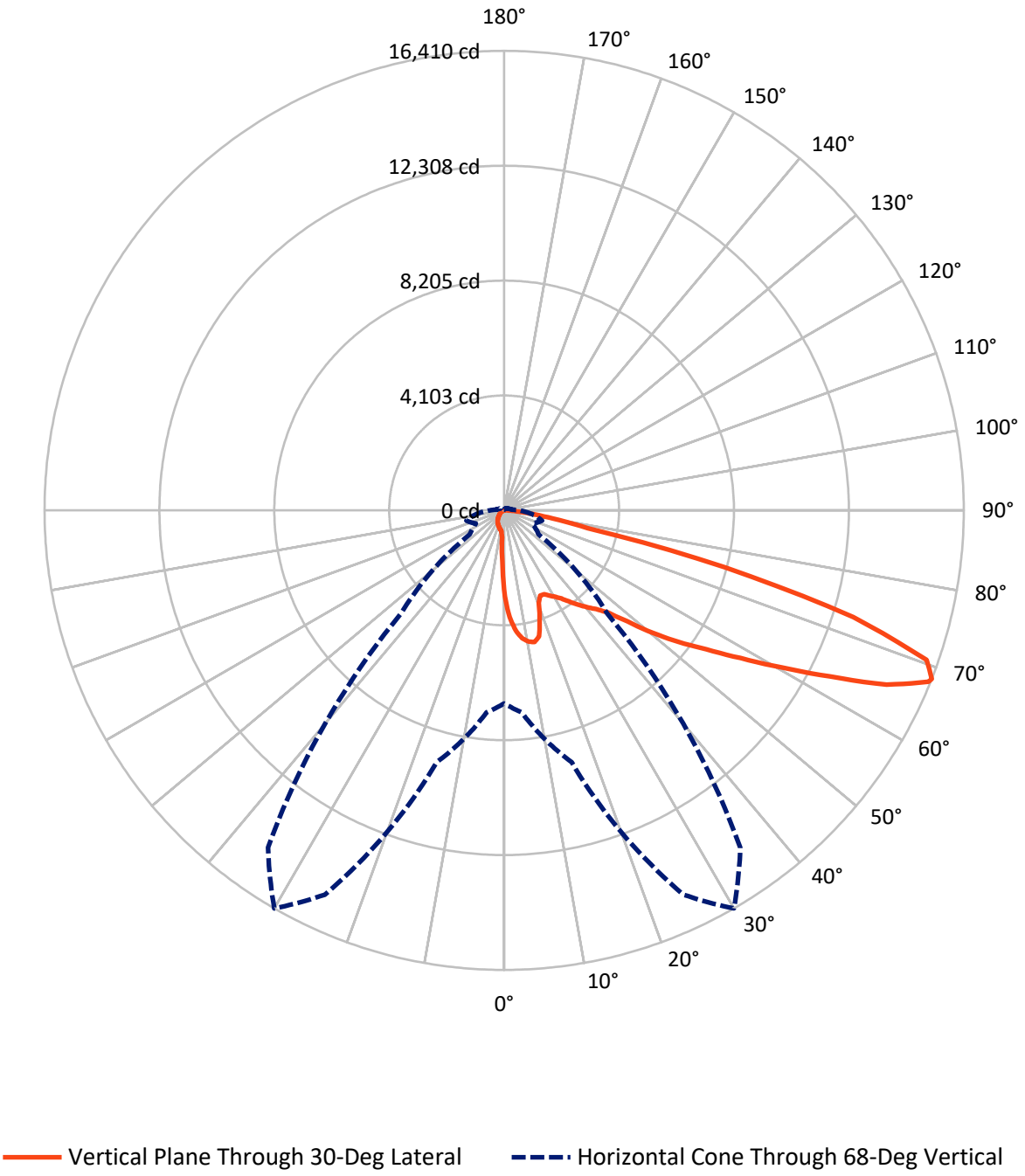
Luminous Intensity Polar Plot



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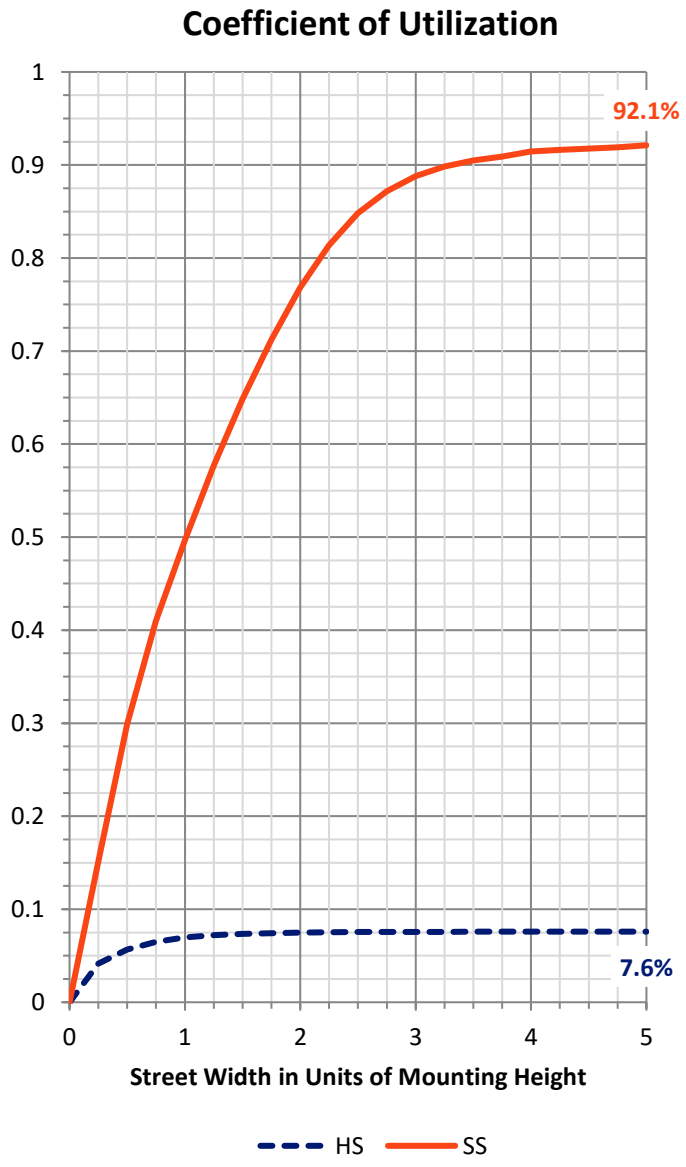
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1189.4	0.0	1189.4
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	14393.9	0.0	14393.9
	% Fixture	92.4	0.0	92.4
Total	Lumens	15583.3	0.0	15583.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	265.1	1.7
10°-20°	757.0	4.9
20°-30°	1189.6	7.6
30°-40°	1865.8	12.0
40°-50°	2788.8	17.9
50°-60°	3710.0	23.8
60°-70°	3586.4	23.0
70°-80°	1289.2	8.3
80°-90°	131.6	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°	15583.3	100.0
0°-180°	15583.3	100.0



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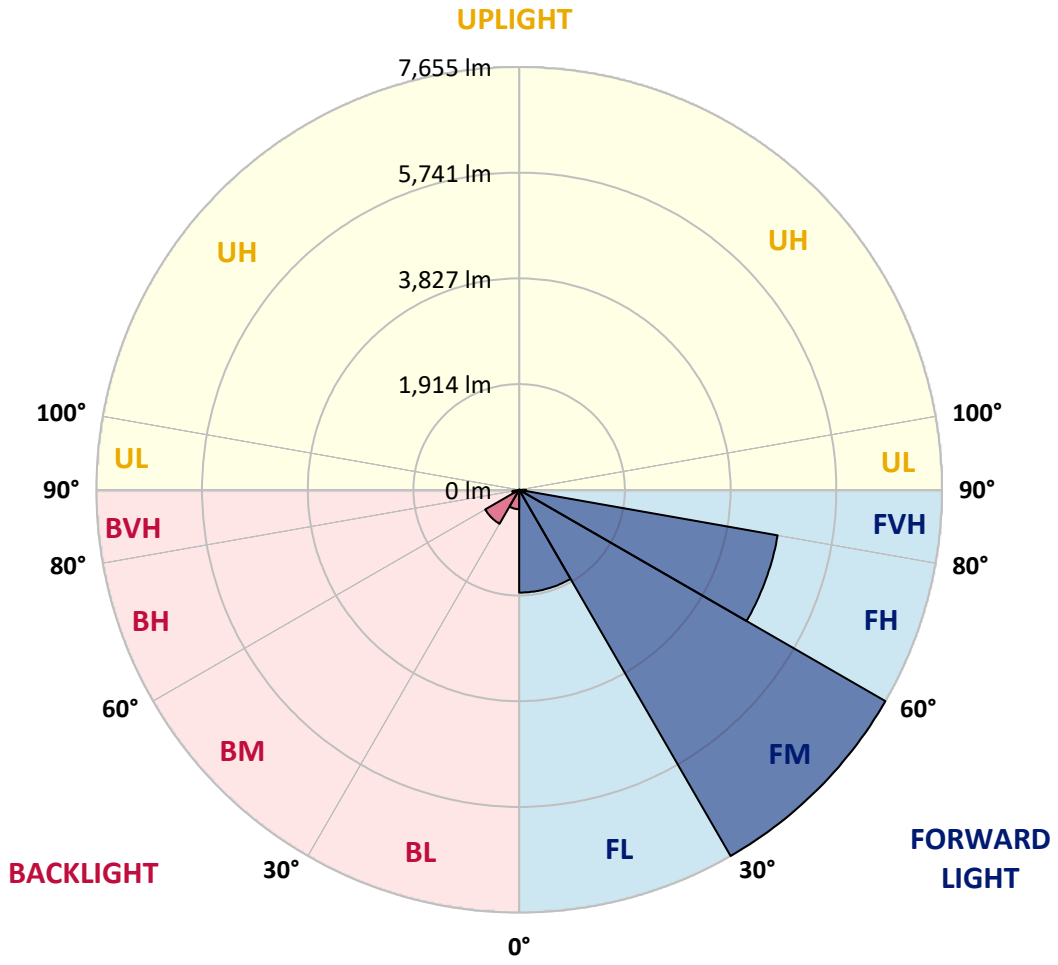
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1860.6	11.9			
FM	(30°-60°)	7654.5	49.1			
FH	(60°-80°)	4751.8	30.5			G2/5000
FVH	(80°-90°)	126.9	0.8			G2/225
BL	(0°-30°)	351.1	2.3	B1/500		
BM	(30°-60°)	710.0	4.6	B1/1000		
BH	(60°-80°)	123.7	0.8	B1/500		G1/500
BVH	(80°-90°)	4.7	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8
2.5°	3927.4	3927.4	3899.4	3862.1	3820.0	3806.0	3726.6	3614.6	3497.8	3362.4	3166.2
5°	4431.8	4427.1	4371.1	4371.1	4315.0	4263.7	4184.3	4020.8	3834.0	3591.2	3250.3
7.5°	4656.0	4665.3	4641.9	4641.9	4609.3	4571.9	4525.2	4366.4	4146.9	3820.0	3334.4
10°	4735.3	4740.0	4740.0	4772.7	4763.4	4758.7	4754.0	4665.3	4436.5	4053.5	3423.1
12.5°	4543.9	4567.2	4632.6	4777.4	4824.1	4875.4	4945.5	4917.5	4758.7	4347.7	3558.5
15°	3927.4	3932.1	4114.2	4473.8	4665.3	4861.4	5132.3	5188.3	5085.6	4665.3	3698.6
17.5°	3241.0	3255.0	3399.7	3801.4	4109.6	4562.6	5239.7	5468.5	5431.2	4978.2	3829.4
20°	2956.1	2974.8	3044.8	3297.0	3530.5	3950.8	5132.3	5734.7	5748.7	5291.1	3950.8
22.5°	2890.7	2904.7	2960.8	3156.9	3301.7	3581.9	4768.0	5944.9	6108.3	5650.7	4095.6
25°	2872.0	2886.0	2970.1	3184.9	3320.3	3553.8	4436.5	6056.9	6533.3	6024.3	4235.7
27.5°	2858.0	2876.7	3012.1	3287.7	3446.4	3670.6	4375.8	6080.3	6939.6	6421.2	4464.5
30°	2876.7	2904.7	3082.2	3395.1	3577.2	3829.4	4520.5	6103.6	7387.9	6874.2	4754.0
32.5°	2951.4	2974.8	3189.6	3539.8	3750.0	4034.8	4768.0	6243.7	7812.9	7336.5	5029.6
35°	3035.5	3068.2	3325.0	3745.3	3997.5	4319.7	5104.3	6519.3	8219.1	7775.5	5314.4
37.5°	3138.2	3175.6	3483.8	3978.8	4268.3	4632.6	5468.5	6902.2	8578.7	8135.1	5599.3
40°	3278.3	3320.3	3665.9	4226.3	4539.2	4903.5	5828.1	7280.5	8854.3	8349.9	5786.1
42.5°	3829.4	3885.4	4030.2	4469.2	4819.4	5193.0	6183.0	7640.1	8957.0	8419.9	5823.4
45°	4856.8	4912.8	4875.4	4959.5	5193.0	5543.2	6570.6	7985.6	8971.0	8401.3	5804.8
47.5°	5888.8	5954.2	5921.5	5874.8	5926.2	6094.3	7004.9	8205.1	8896.3	8391.9	5804.8
50°	6874.2	6836.8	6841.5	6827.5	6874.2	6962.9	7425.2	8247.2	8877.6	8480.7	5856.1
52.5°	7401.9	7420.6	7537.3	7710.1	7812.9	7901.6	7906.3	8312.5	8742.2	8331.2	5795.4
55°	7920.3	7957.6	8228.5	8522.7	8751.5	8919.6	8387.3	8270.5	7934.3	7831.5	5477.9
57.5°	8504.0	8555.4	8938.3	9545.4	9947.0	10035.8	8863.6	7486.0	6715.4	7117.0	4861.4
60°	9307.2	9368.0	9877.0	10787.6	11385.4	11203.2	8901.0	6239.1	5333.1	5907.5	4011.5
62.5°	9937.7	10059.1	10979.1	12398.8	13057.2	12478.1	8205.1	4782.0	3726.6	4151.6	2928.1
65°	9265.2	9498.7	10997.8	14243.4	15004.6	13977.2	7112.4	3264.3	2101.5	2685.2	1872.7
67.5°	7490.6	7817.5	9764.9	15140.0	16340.2	14766.4	5599.3	1732.6	1204.9	1559.8	985.4
68°	6892.9	7247.8	9311.9	15140.0	16410.3	14696.4	5197.7	1499.1	1111.5	1401.0	854.6
70°	4763.4	5015.5	7159.1	14290.1	15999.3	13398.1	3423.1	859.3	835.9	962.0	565.1
72.5°	2335.0	2605.8	3829.4	11324.7	13033.9	10297.3	1559.8	569.7	635.1	705.2	443.6
75°	929.3	985.4	1508.4	5585.3	8144.4	6570.6	817.2	429.6	546.4	551.1	350.2
77.5°	532.4	565.1	835.9	2054.8	3054.2	2937.4	527.7	308.2	434.3	396.9	228.8
80°	298.9	303.5	471.7	1083.4	1746.6	1564.4	359.6	224.2	331.6	280.2	154.1
82.5°	149.4	168.1	298.9	597.8	971.4	994.7	191.5	158.8	266.2	200.8	126.1
85°	107.4	116.7	214.8	331.6	448.3	672.5	116.7	79.4	200.8	135.4	88.7
87.5°	56.0	70.0	135.4	163.4	182.1	228.8	56.0	37.4	112.1	79.4	46.7
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: P1459041
CATALOG NUMBER: GLAN-SB3C-850-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8	3072.8
2.5°	3072.8	2965.4	2745.9	2489.1	2288.3	2082.8	1914.7	1755.9	1681.2	1671.8	1690.5
5°	3058.8	2825.3	2325.6	1835.3	1433.7	1153.5	999.4	920.0	878.0	859.3	863.9
7.5°	3030.8	2675.9	1877.3	1242.2	929.3	807.9	770.5	756.5	751.9	751.9	751.9
10°	3002.8	2475.1	1438.3	910.6	761.2	728.5	719.2	719.2	714.5	714.5	719.2
12.5°	2988.8	2288.3	1116.1	761.2	709.8	695.8	686.5	681.8	681.8	681.8	686.5
15°	2956.1	2082.8	901.3	705.2	677.1	658.5	653.8	649.1	649.1	649.1	649.1
17.5°	2928.1	1882.0	784.6	667.8	644.5	625.8	621.1	616.4	616.4	621.1	621.1
20°	2886.0	1690.5	705.2	630.4	611.8	593.1	588.4	583.7	588.4	588.4	588.4
22.5°	2834.7	1531.7	658.5	602.4	579.1	560.4	560.4	560.4	560.4	560.4	565.1
25°	2802.0	1419.7	625.8	569.7	546.4	532.4	527.7	527.7	537.0	537.0	541.7
27.5°	2853.3	1391.6	630.4	560.4	518.4	504.4	499.7	499.7	509.0	513.7	518.4
30°	3007.5	1443.0	686.5	588.4	499.7	476.3	471.7	471.7	485.7	490.3	495.0
32.5°	3184.9	1550.4	770.5	625.8	485.7	448.3	439.0	439.0	453.0	457.7	462.3
35°	3427.8	1718.5	882.6	658.5	495.0	420.3	401.6	401.6	411.0	420.3	425.0
37.5°	3740.6	1994.1	1013.4	681.8	495.0	387.6	364.3	359.6	368.9	368.9	373.6
40°	4067.5	2353.7	1148.8	681.8	471.7	354.9	331.6	317.6	322.2	317.6	322.2
42.5°	4249.7	2643.2	1265.6	639.8	443.6	322.2	298.9	280.2	275.5	266.2	270.9
45°	4352.4	2774.0	1232.9	593.1	415.6	298.9	270.9	247.5	238.2	224.2	224.2
47.5°	4352.4	2788.0	1055.4	555.7	387.6	280.2	242.8	219.5	205.5	191.5	196.1
50°	4301.0	2661.9	835.9	518.4	354.9	261.5	219.5	200.8	182.1	172.8	172.8
52.5°	4086.2	2250.9	639.8	471.7	317.6	238.2	196.1	177.5	158.8	154.1	154.1
55°	3717.3	1653.2	518.4	425.0	284.9	219.5	177.5	163.4	144.8	135.4	135.4
57.5°	3021.5	1130.1	429.6	382.9	252.2	196.1	158.8	144.8	121.4	112.1	112.1
60°	2241.6	737.9	364.3	336.2	214.8	177.5	140.1	121.4	102.7	93.4	88.7
62.5°	1513.1	499.7	303.5	266.2	182.1	154.1	121.4	102.7	79.4	60.7	60.7
65°	943.3	387.6	252.2	210.1	158.8	135.4	102.7	79.4	56.0	42.0	37.4
67.5°	541.7	312.9	205.5	163.4	135.4	107.4	79.4	65.4	46.7	32.7	28.0
68°	*499.7*	*298.9*	*191.5*	*154.1*	*126.1*	*102.7*	*74.7*	*60.7*	*42.0*	*28.0*	*28.0*
70°	406.3	266.2	163.4	126.1	107.4	84.1	65.4	51.4	32.7	18.7	18.7
72.5°	359.6	224.2	140.1	98.1	74.7	70.0	51.4	37.4	23.3	14.0	9.3
75°	294.2	177.5	112.1	74.7	51.4	51.4	37.4	23.3	9.3	0.0	0.0
77.5°	191.5	130.8	88.7	46.7	28.0	32.7	23.3	9.3	0.0	0.0	0.0
80°	126.1	98.1	60.7	23.3	14.0	14.0	4.7	0.0	0.0	0.0	0.0
82.5°	88.7	65.4	37.4	9.3	4.7	4.7	0.0	0.0	0.0	0.0	0.0
85°	56.0	28.0	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.3	9.3	4.7	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

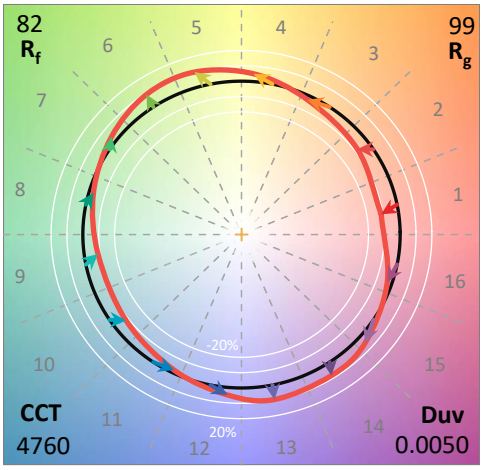
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

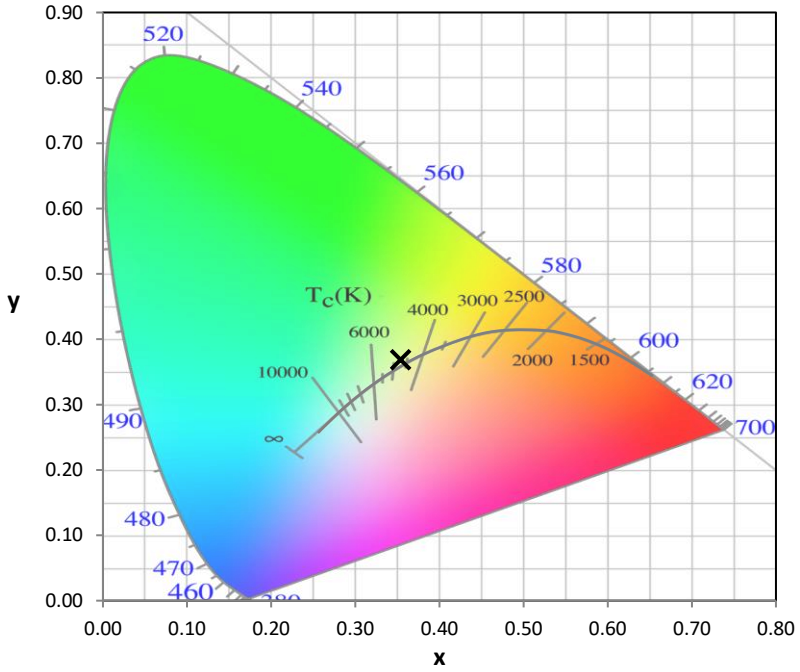
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

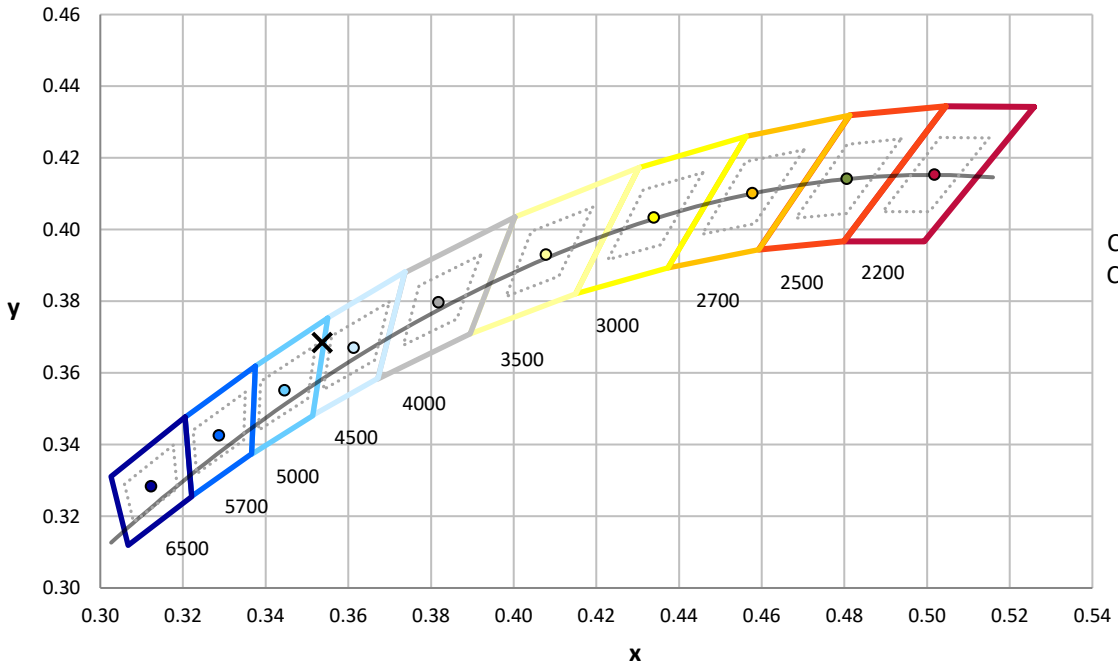
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

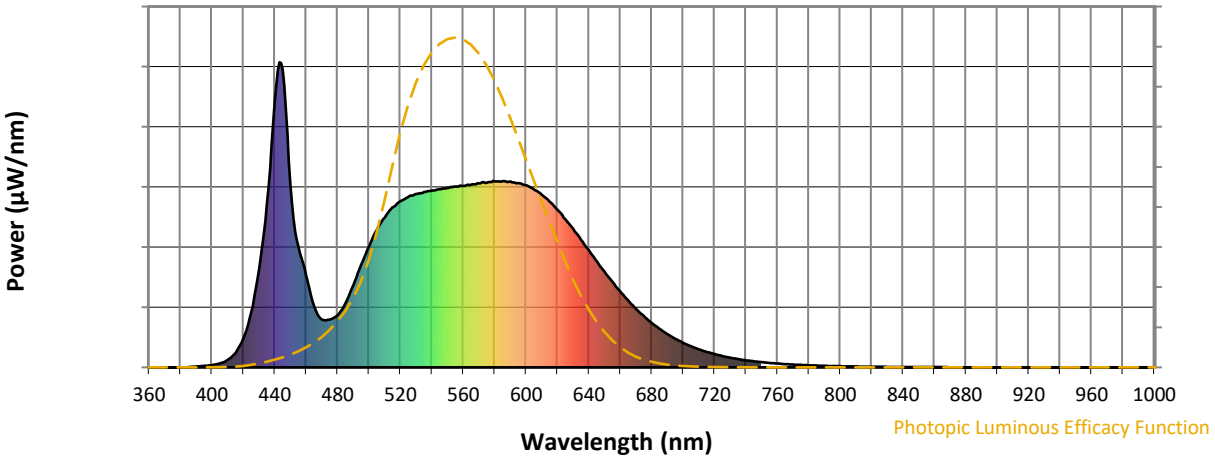


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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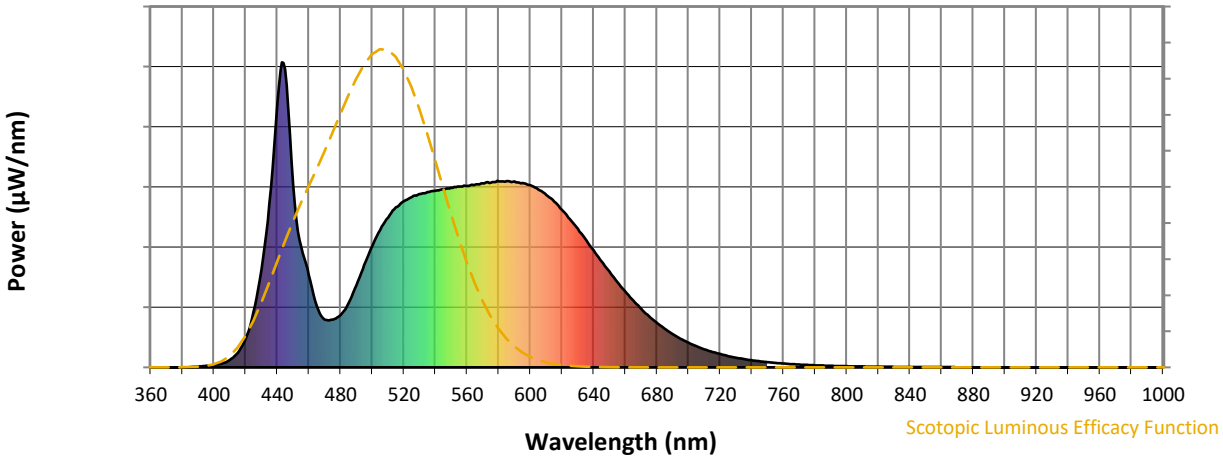
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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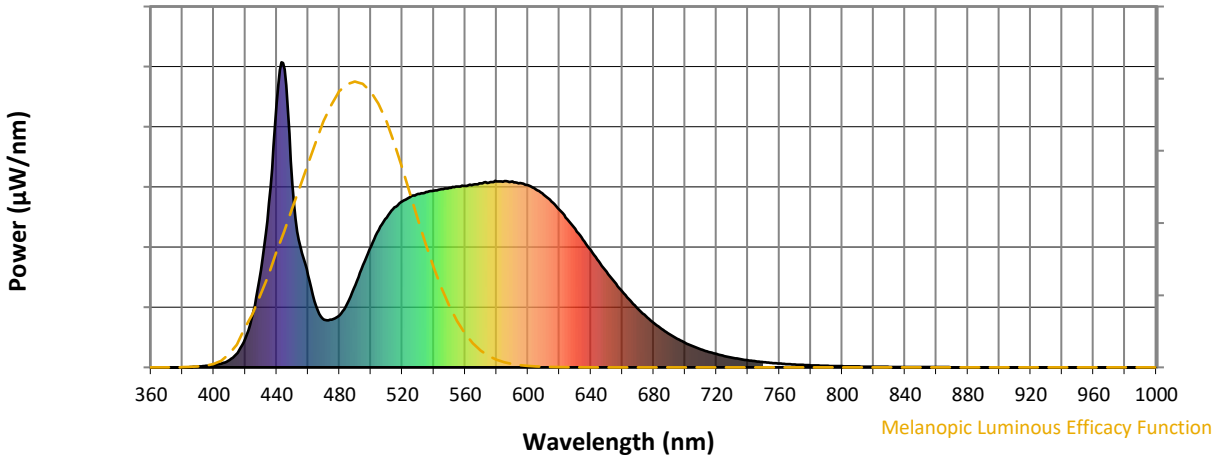
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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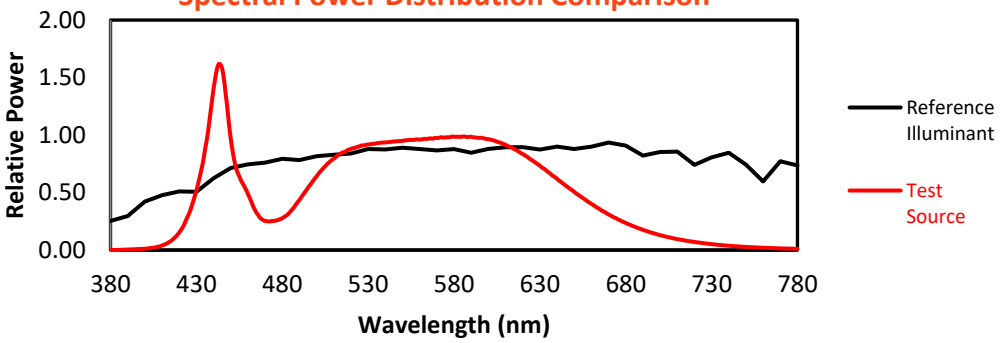
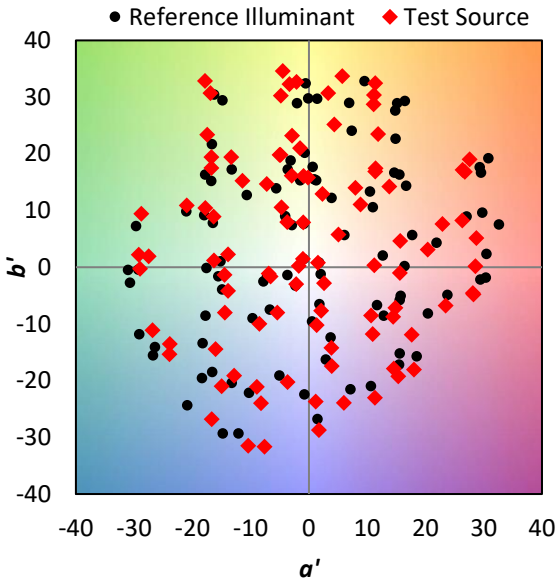
Summary

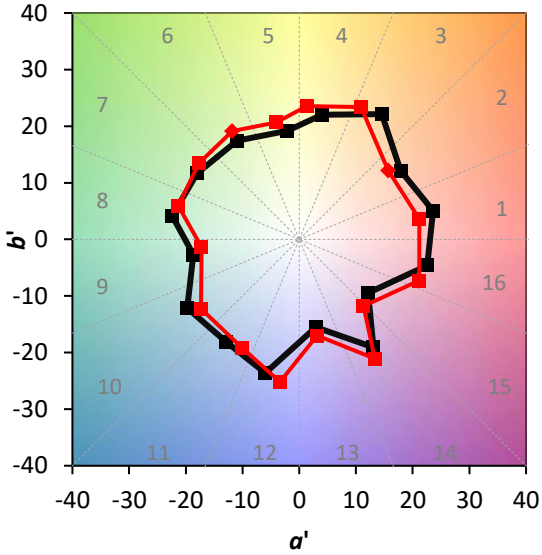
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

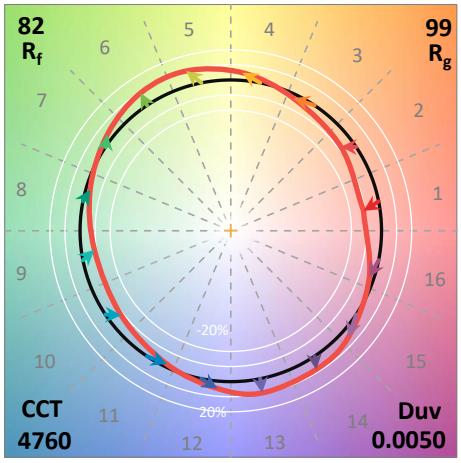
Spectral Power Distribution Comparison

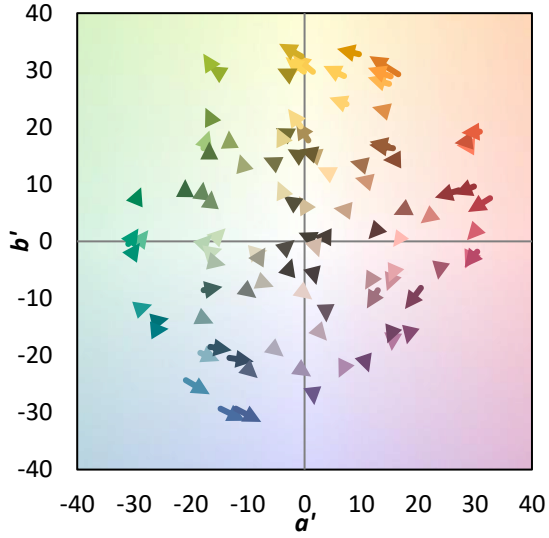


Color Vector Graphics









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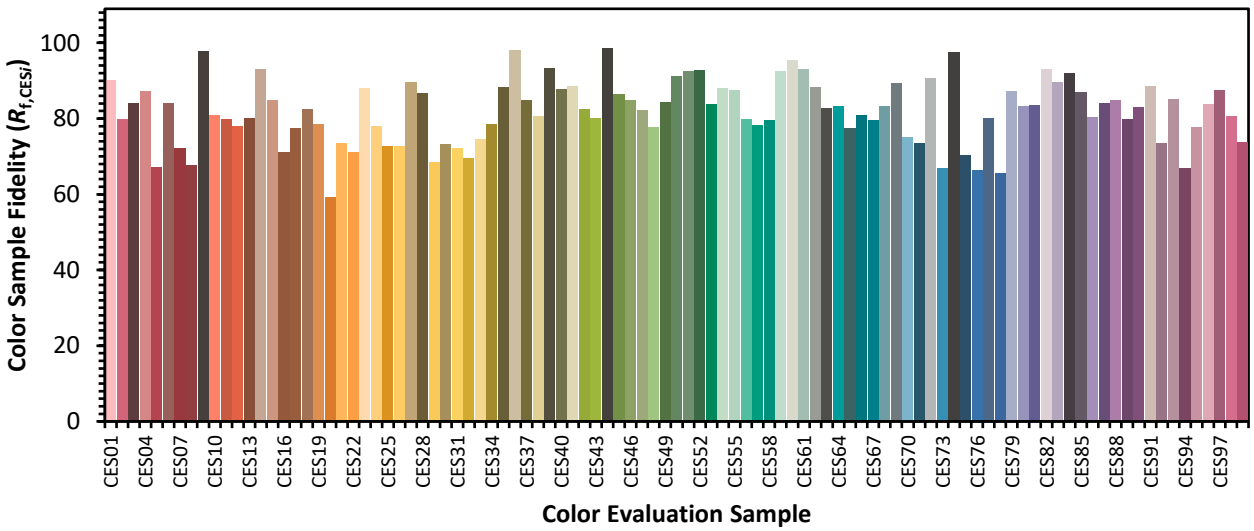
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



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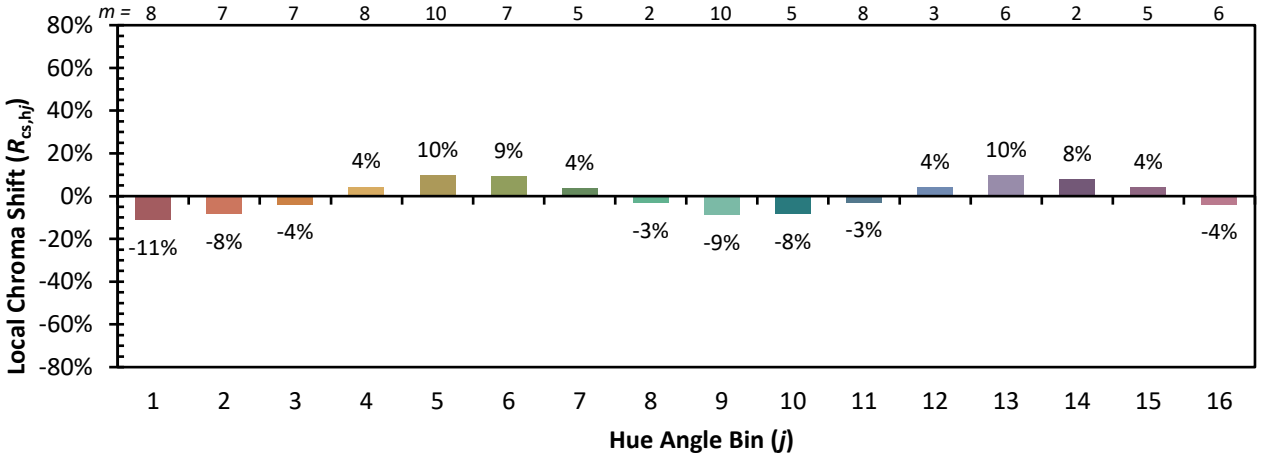
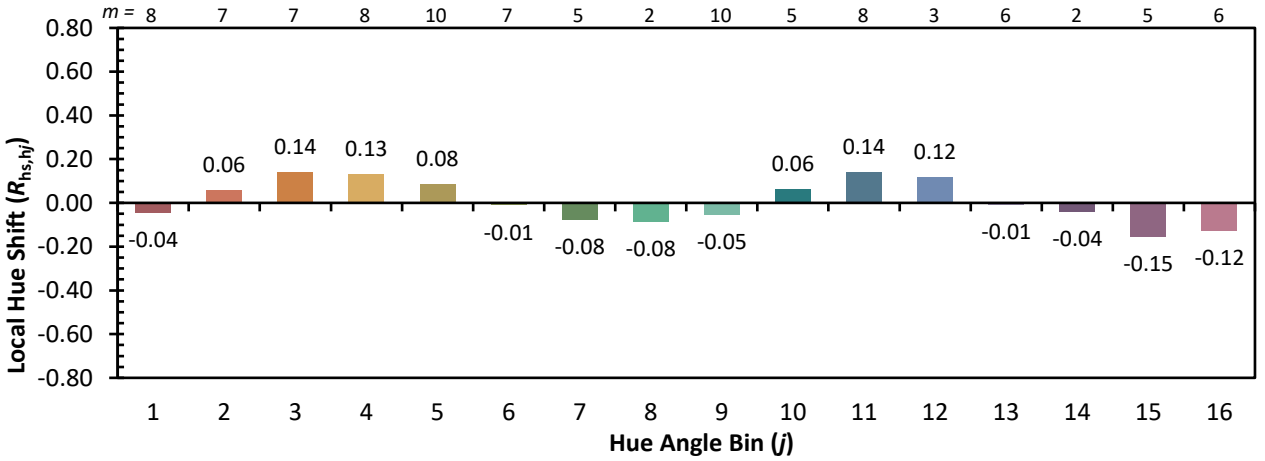
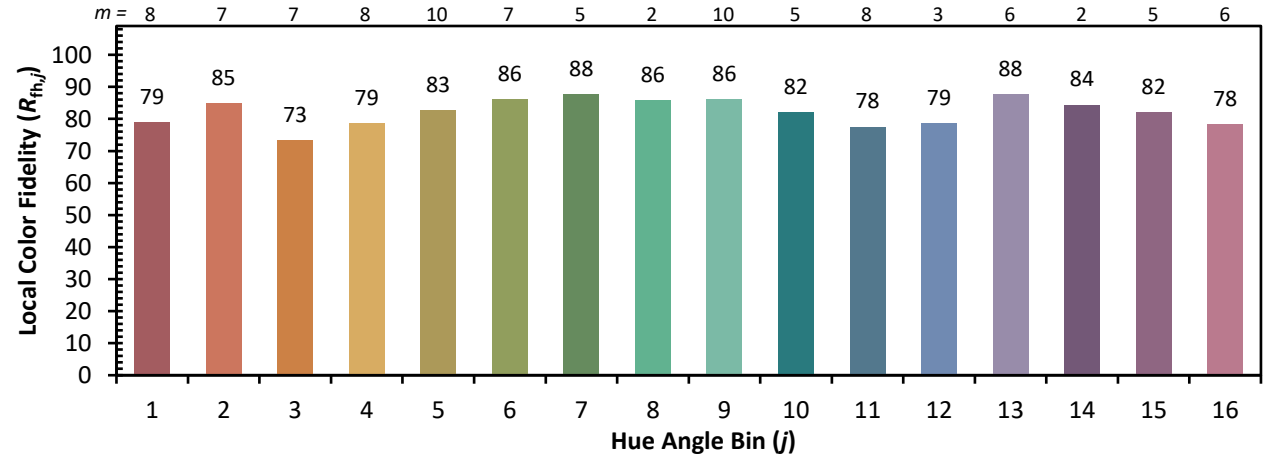
Color Rendition by Hue-Angle Bin







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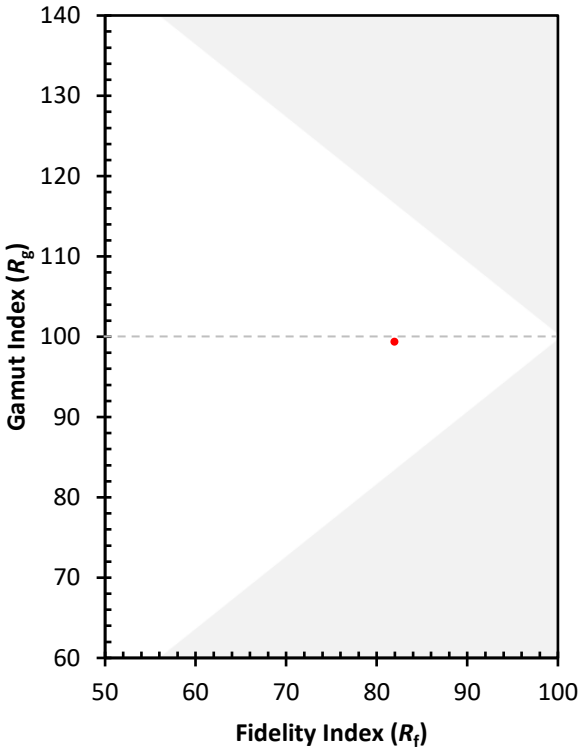
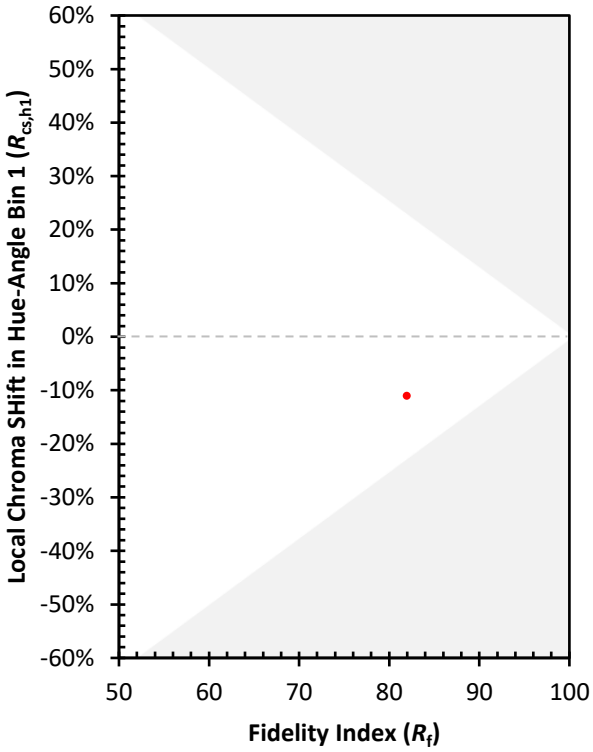
Measure Comparisons





(END OF REPORT)