Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: STREETWORKS

Report Number: P1064293

Luminaire Tested: **GLAN-SA7A-850-U-T4BC**

Issue Date: 08/07/2025

Report Generated By 670347003

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1064293
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SA7A-850-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(98) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23005.5 lumens
Efficiency:	N/A
Efficacy:	119.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	193.1
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: P1064293
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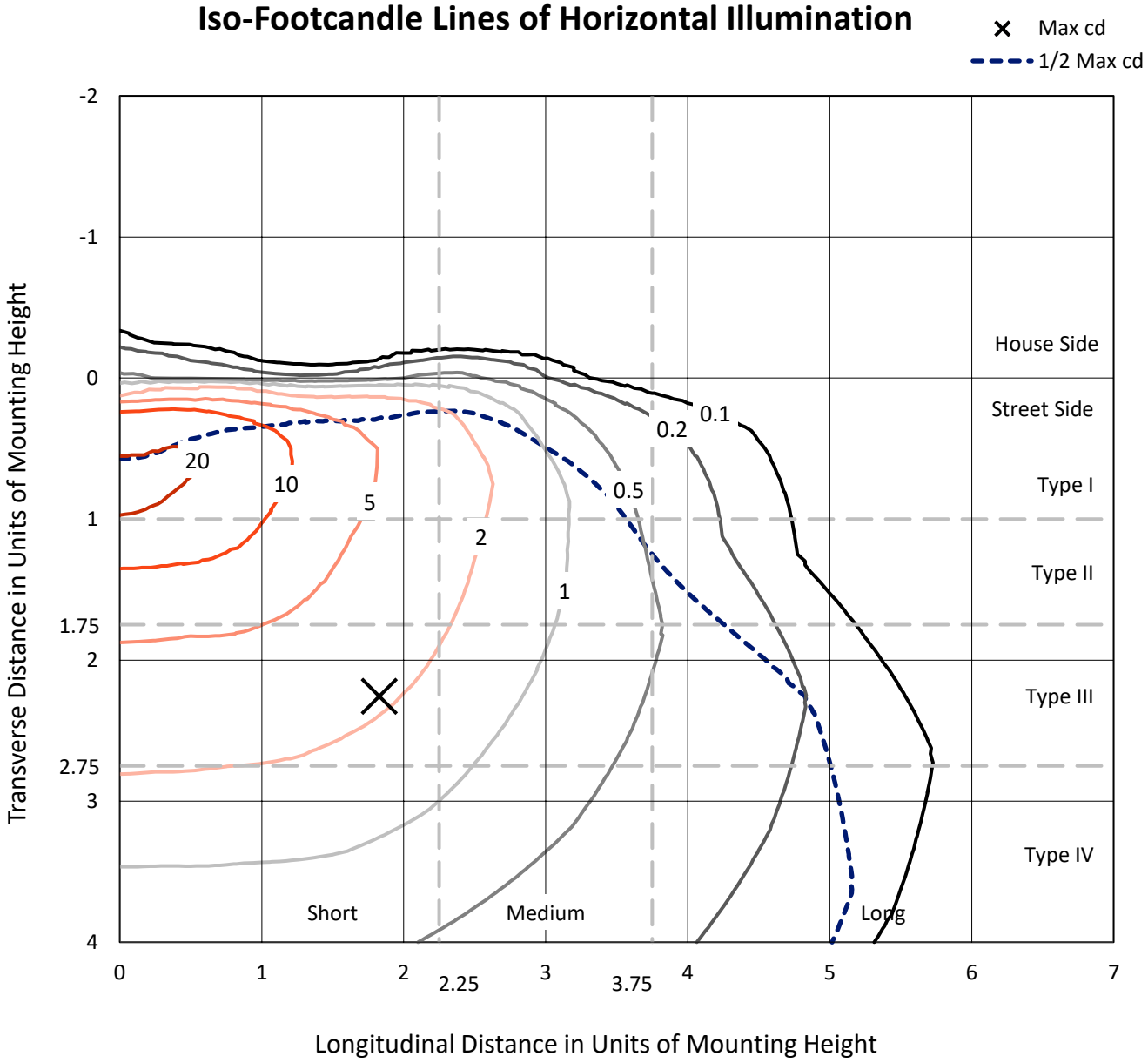
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 23.7 fc
Type IV - Short - N/A

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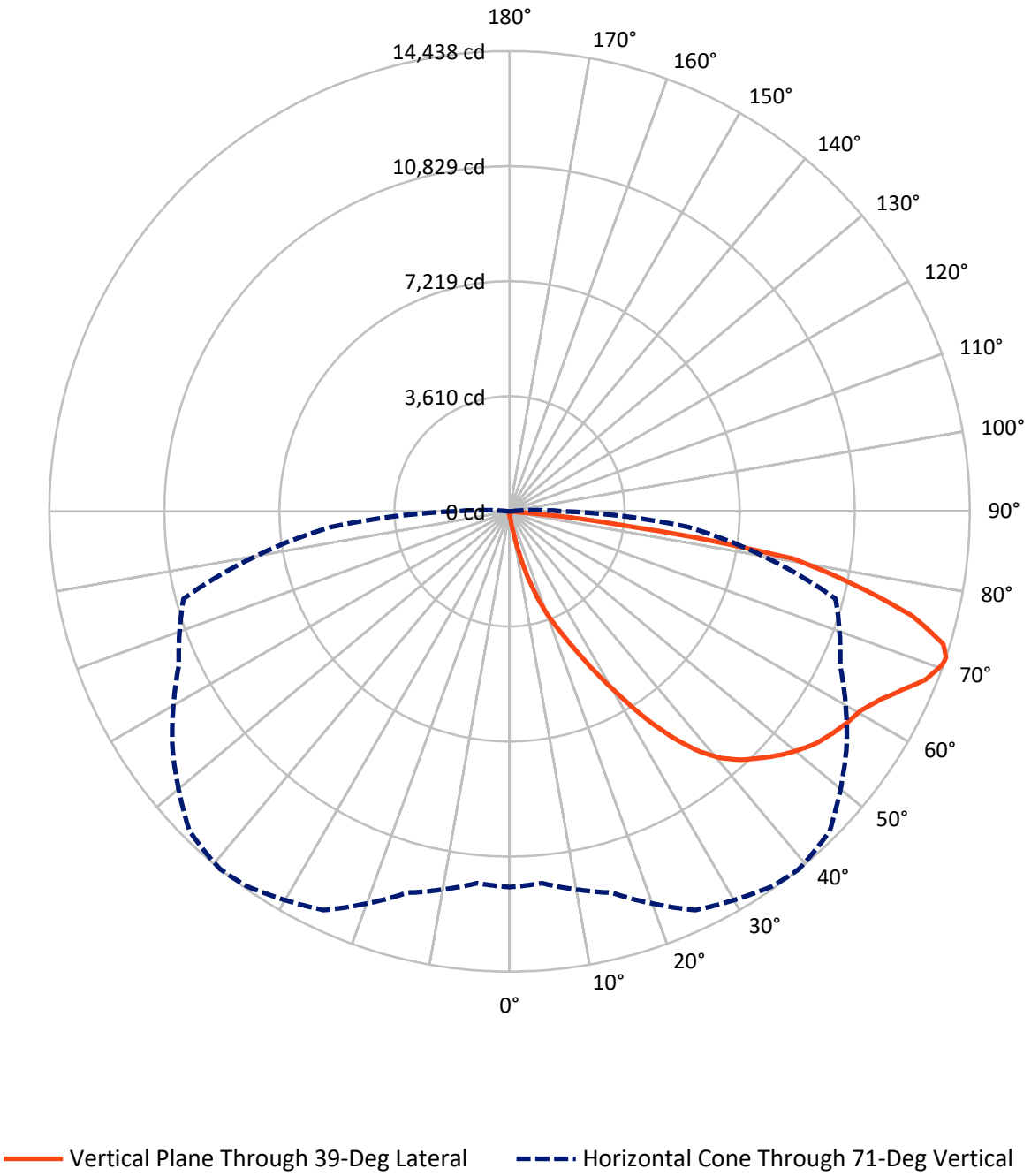
Luminous Intensity Polar Plot



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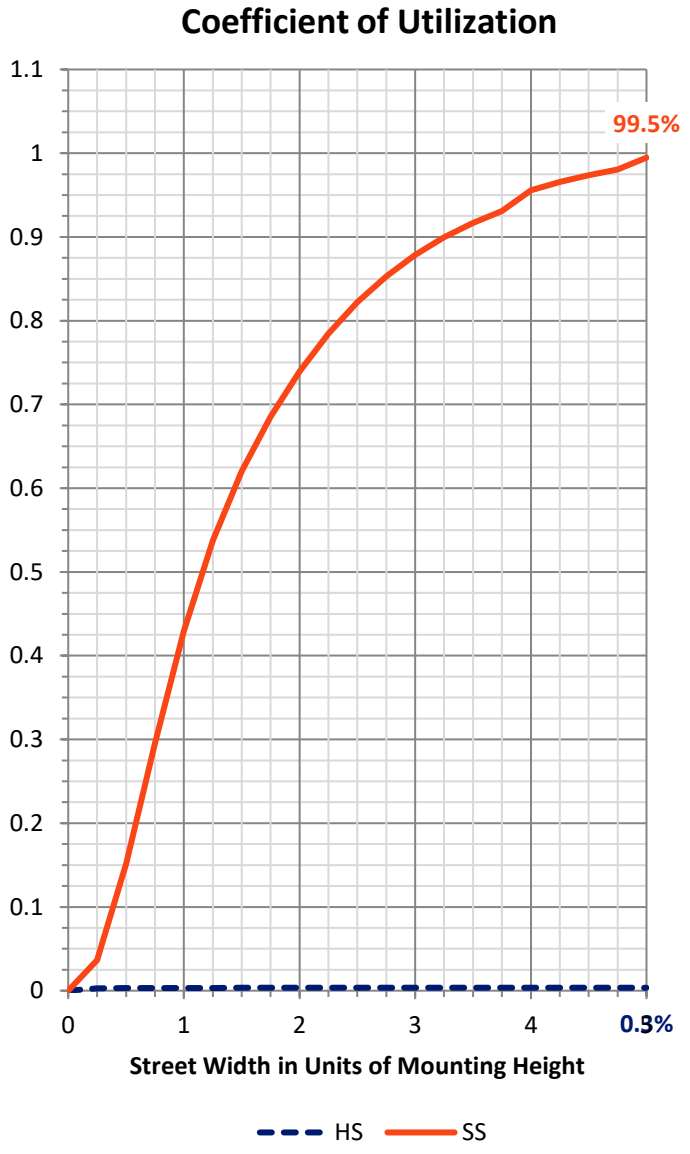
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	81.7	0.0	81.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22923.8	0.0	22923.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	23005.5	0.0	23005.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	0.1
10°-20°	245.9	1.1
20°-30°	875.7	3.8
30°-40°	2110.4	9.2
40°-50°	3531.9	15.4
50°-60°	4536.3	19.7
60°-70°	5740.7	25.0
70°-80°	5118.1	22.2
80°-90°	827.3	3.6
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°	23005.5	100.0
0°-180°	23005.5	100.0



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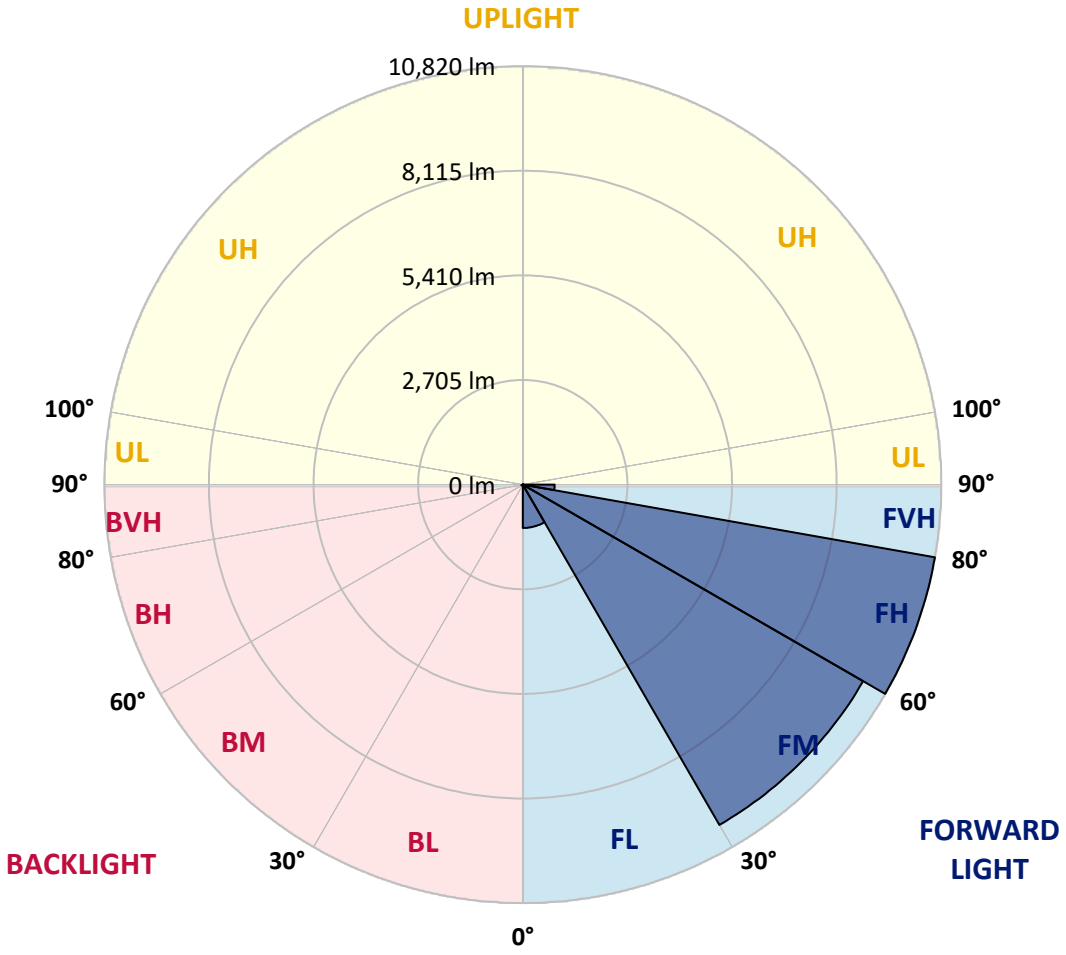
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1121.0	4.9			
FM	(30°-60°)	10159.7	44.2			
FH	(60°-80°)	10819.5	47.0			G4/12000
FVH	(80°-90°)	823.6	3.6			G5
BL	(0°-30°)	19.8	0.1	B0/110		
BM	(30°-60°)	18.9	0.1	B0/220		
BH	(60°-80°)	39.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	126.1	126.1	126.1	126.1	126.1	*126.1*	126.1	126.1	126.1	126.1	126.1
2.5°	144.8	144.8	144.8	140.2	140.2	*138.6*	137.0	137.0	133.9	132.4	129.3
5°	219.6	214.9	204.0	197.8	185.3	*177.5*	169.8	158.8	147.9	140.2	130.8
7.5°	496.8	507.7	471.9	404.9	336.4	*306.8*	257.0	207.1	171.3	147.9	132.4
10°	1266.1	1259.9	1138.4	1004.5	775.6	*683.7*	535.7	337.9	221.1	162.0	133.9
12.5°	2153.8	2147.6	2004.3	1822.1	1520.0	*1328.4*	1048.1	630.7	317.7	183.8	133.9
15°	2899.8	2874.9	2829.7	2649.1	2295.5	*2135.1*	1764.5	1115.1	513.9	221.1	137.0
17.5°	3393.5	3371.7	3329.6	3264.2	3039.9	*2850.0*	2552.5	1752.0	831.6	286.6	143.3
20°	3846.7	3831.1	3796.8	3784.4	3639.5	*3538.3*	3292.2	2484.0	1295.7	389.3	152.6
22.5°	4469.6	4436.9	4450.9	4376.2	4234.4	*4113.0*	3961.9	3250.2	1862.6	560.6	169.8
25°	5232.7	5217.1	5178.2	5125.2	4929.0	*4823.1*	4591.1	3972.8	2496.4	784.9	188.4
27.5°	6154.7	6137.5	6128.2	6006.7	5780.9	*5665.6*	5341.7	4654.9	3209.7	1099.5	213.4
30°	7216.8	7224.6	7163.8	7008.1	6744.9	*6582.9*	6249.7	5369.7	3940.1	1468.6	239.8
32.5°	8316.3	8300.7	8207.2	8023.5	7788.3	*7637.3*	7213.7	6153.1	4706.3	1956.0	271.0
35°	9501.4	9471.8	9225.7	9015.5	8814.6	*8624.6*	8238.4	7062.6	5472.5	2502.7	313.0
37.5°	10697.4	10558.8	10065.2	9798.9	9660.3	*9504.5*	9144.8	8032.8	6234.1	3113.1	364.4
40°	11600.7	11493.3	10907.7	10417.1	10306.6	*10174.2*	9906.3	8870.7	7043.9	3768.8	426.7
42.5°	12100.6	12041.4	11515.1	11030.7	10770.6	*10653.8*	10424.9	9602.6	7844.4	4493.0	517.0
45°	12314.0	12222.1	11870.1	11644.3	11230.1	*11036.9*	10764.4	10155.5	8680.7	5315.2	643.2
47.5°	12248.6	12195.6	11943.3	12025.9	11725.3	*11424.7*	11024.5	10579.1	9395.5	6259.0	816.1
50°	11837.4	11792.3	11714.4	12161.4	12124.0	*11768.9*	11360.9	10913.9	9979.5	7232.3	1083.9
52.5°	11055.6	11036.9	11236.3	12055.5	12349.8	*12072.6*	11684.8	11209.8	10524.6	8249.3	1467.0
55°	10048.0	10124.3	10694.3	11890.4	12465.0	*12296.8*	11971.4	11487.0	10962.2	9158.8	2032.3
57.5°	9633.8	9654.0	10365.7	11773.6	12516.4	*12494.6*	12250.1	11751.8	11364.0	9886.1	2895.1
60°	10118.1	10087.0	10462.3	11862.3	12619.2	*12672.2*	12497.7	11997.8	11712.8	10510.6	4044.4
62.5°	10993.3	10976.2	11096.1	12240.8	12919.8	*13027.2*	12841.9	12175.4	12021.2	10921.7	5355.7
65°	11775.1	11739.3	11962.0	12912.0	13447.7	*13524.0*	13362.1	12479.1	12156.7	11220.7	6587.6
67.5°	12113.1	12105.3	12463.5	13550.5	14002.1	*14084.7*	13943.0	12898.0	12125.5	11315.7	7131.1
70°	11958.9	11929.3	12502.4	13821.5	14315.2	*14408.6*	14271.6	13053.7	11787.6	11015.1	6326.0
71°	*11789.2*	*11709.7*	*12385.6*	*13802.8*	*14358.8*	*14438.2*	*14198.4*	*12912.0*	*11448.1*	*10588.4*	*5595.6*
72.5°	11262.8	11276.8	12064.8	13608.1	14254.4	*14231.1*	13784.1	12404.3	11038.5	9619.8	4494.5
75°	9967.0	10049.6	11026.0	12790.5	13323.1	*13025.7*	12342.0	11434.1	10216.2	6897.5	3120.9
77.5°	8144.9	8268.0	9341.0	11217.6	11066.5	*11036.9*	11008.9	10074.5	8724.3	3704.9	2170.9
80°	3888.7	4155.0	5634.5	8007.9	8699.4	*9034.2*	8824.0	8118.5	6746.4	1764.5	1297.3
82.5°	253.8	250.7	355.1	672.8	2835.9	*3666.0*	5824.5	5802.7	4703.2	859.7	529.5
85°	119.9	123.0	135.5	154.2	179.1	*196.2*	271.0	1588.5	2250.4	409.6	115.2
87.5°	70.1	71.6	84.1	107.5	140.2	*155.7*	185.3	238.3	292.8	225.8	24.9
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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CATALOG NUMBER: GLAN-SA7A-850-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1
2.5°	127.7	126.1	121.5	116.8	112.1	109.0	107.5	109.0	109.0	110.6	110.6
5°	127.7	123.0	115.2	105.9	99.7	93.4	90.3	88.8	90.3	90.3	90.3
7.5°	126.1	118.4	107.5	96.6	88.8	81.0	77.9	76.3	76.3	77.9	77.9
10°	123.0	115.2	101.2	88.8	79.4	70.1	65.4	60.7	60.7	60.7	62.3
12.5°	121.5	110.6	93.4	81.0	68.5	57.6	48.3	43.6	45.2	45.2	45.2
15°	118.4	105.9	88.8	73.2	57.6	43.6	35.8	31.1	32.7	34.3	32.7
17.5°	118.4	104.3	82.5	63.9	45.2	32.7	26.5	23.4	23.4	24.9	24.9
20°	118.4	101.2	77.9	54.5	34.3	24.9	18.7	17.1	17.1	20.2	21.8
22.5°	121.5	101.2	71.6	45.2	28.0	18.7	14.0	12.5	14.0	17.1	18.7
25°	126.1	99.7	65.4	40.5	23.4	14.0	10.9	7.8	9.3	12.5	14.0
27.5°	130.8	98.1	59.2	35.8	18.7	10.9	7.8	6.2	4.7	6.2	6.2
30°	135.5	98.1	52.9	29.6	15.6	7.8	4.7	3.1	1.6	0.0	0.0
32.5°	138.6	95.0	48.3	23.4	12.5	6.2	3.1	1.6	0.0	0.0	0.0
35°	141.7	91.9	42.0	18.7	9.3	4.7	1.6	0.0	0.0	0.0	0.0
37.5°	144.8	87.2	35.8	15.6	7.8	3.1	0.0	0.0	0.0	0.0	0.0
40°	147.9	81.0	29.6	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	151.1	76.3	24.9	10.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	158.8	73.2	20.2	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	172.9	70.1	18.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	193.1	67.0	17.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	221.1	65.4	15.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	271.0	63.9	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	356.6	62.3	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	546.6	59.2	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	976.5	57.6	12.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1702.2	59.2	12.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2440.4	62.3	10.9	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	2088.4	54.5	10.9	6.2	3.1	1.6	0.0	0.0	0.0	0.0	0.0
71°	*1702.2*	*48.3*	*10.9*	*6.2*	*3.1*	*1.6*	*1.6*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1094.8	37.4	9.3	6.2	3.1	3.1	1.6	0.0	0.0	0.0	0.0
75°	462.5	31.1	9.3	6.2	4.7	3.1	3.1	1.6	0.0	0.0	0.0
77.5°	197.8	23.4	9.3	7.8	6.2	4.7	4.7	3.1	1.6	0.0	0.0
80°	74.8	18.7	10.9	9.3	7.8	7.8	6.2	3.1	1.6	0.0	0.0
82.5°	34.3	15.6	10.9	9.3	9.3	7.8	6.2	4.7	3.1	0.0	0.0
85°	21.8	14.0	10.9	9.3	9.3	7.8	7.8	4.7	3.1	0.0	0.0
87.5°	17.1	14.0	10.9	10.9	9.3	9.3	6.2	4.7	1.6	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

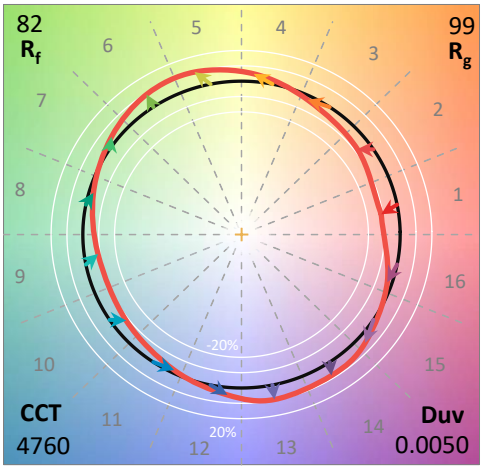
Test Information

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

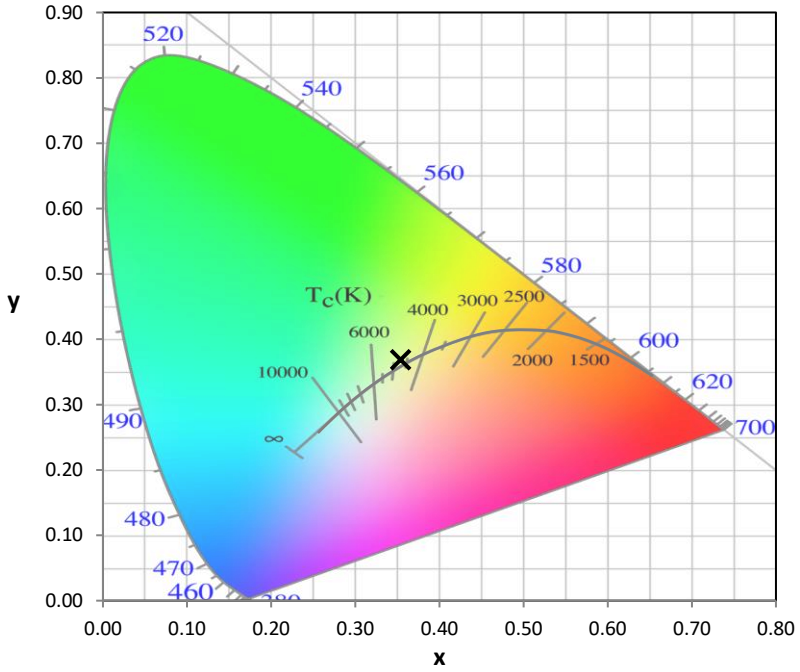
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

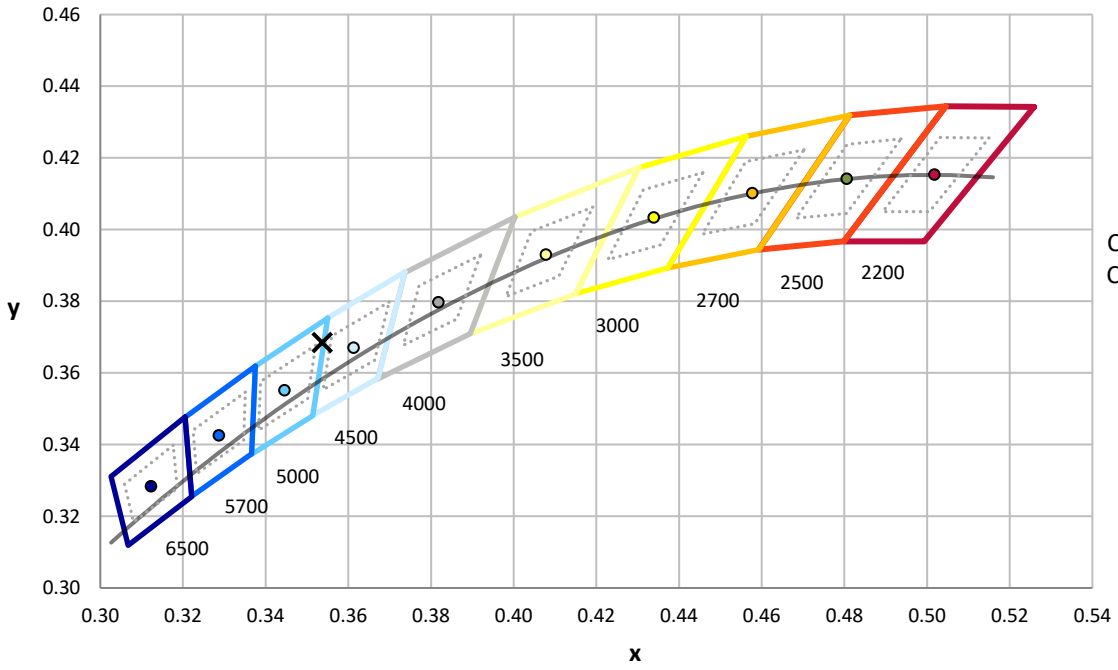
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

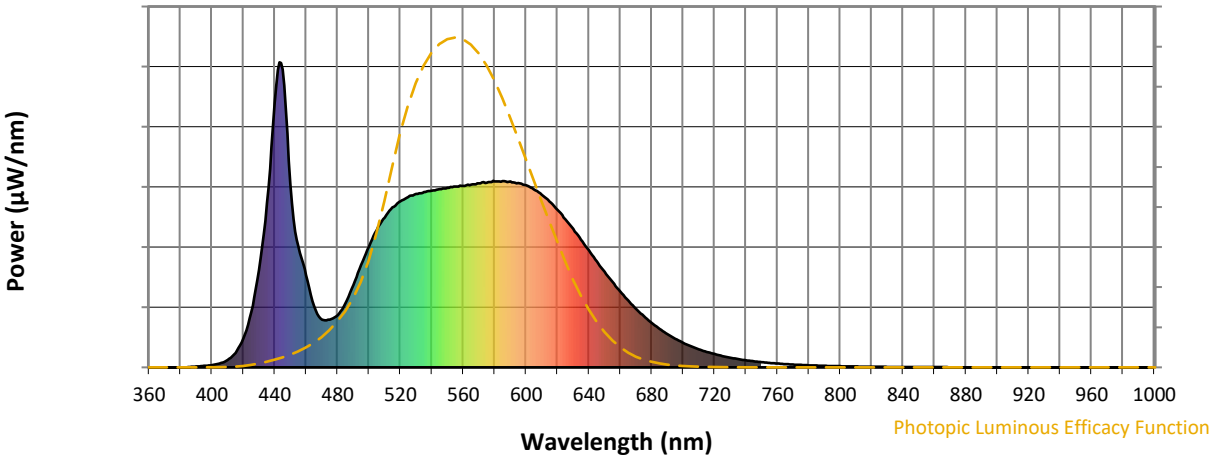


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

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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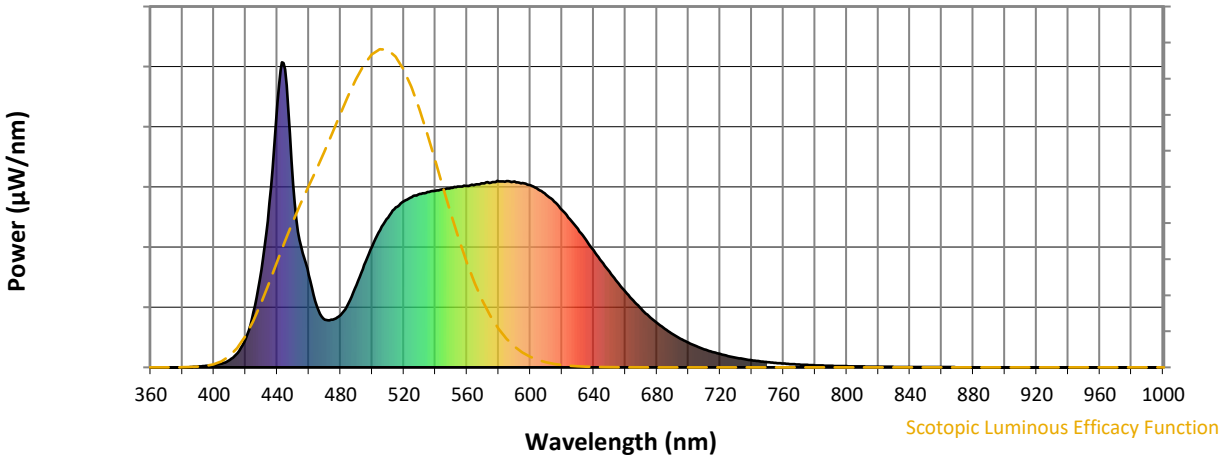
Scotopic Flux vs. Wavelength



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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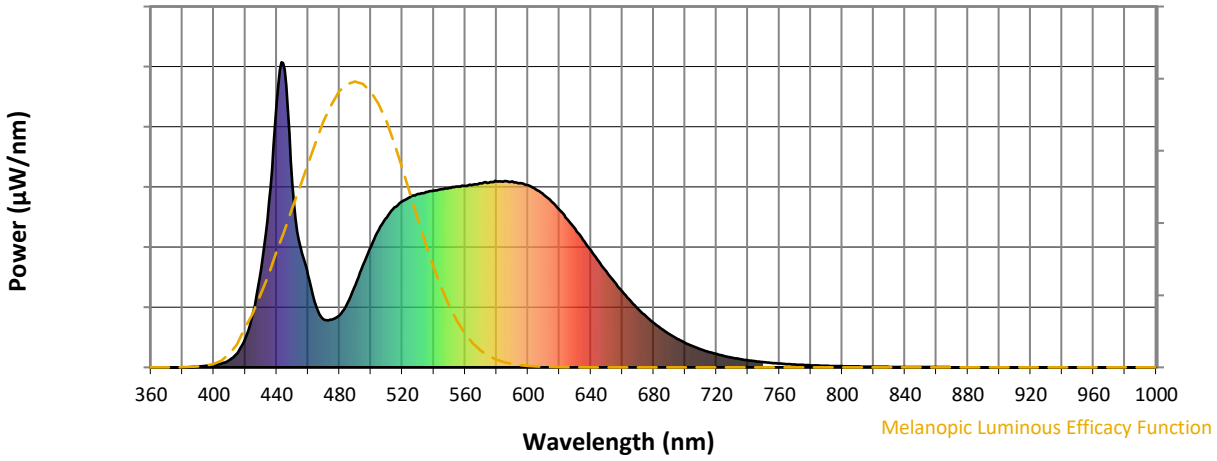
Melanopic Flux vs. Wavelength



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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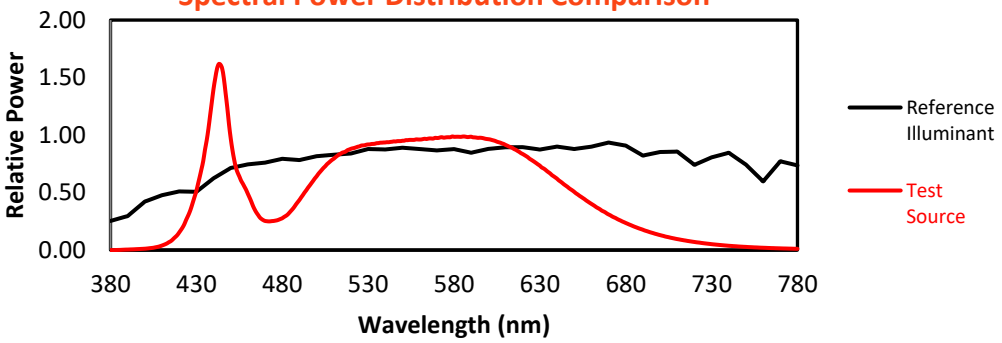
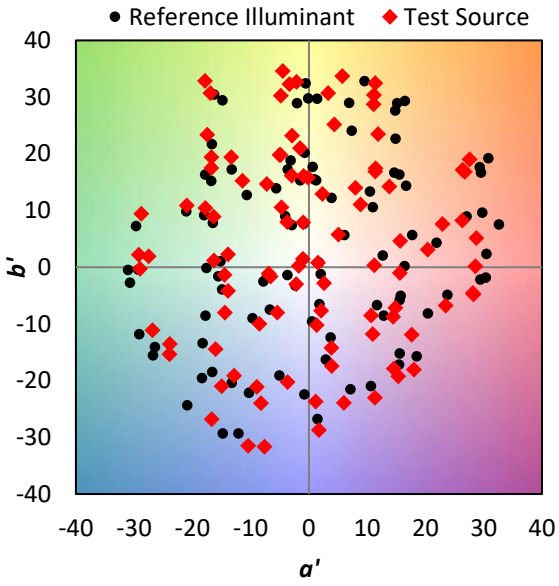
Summary

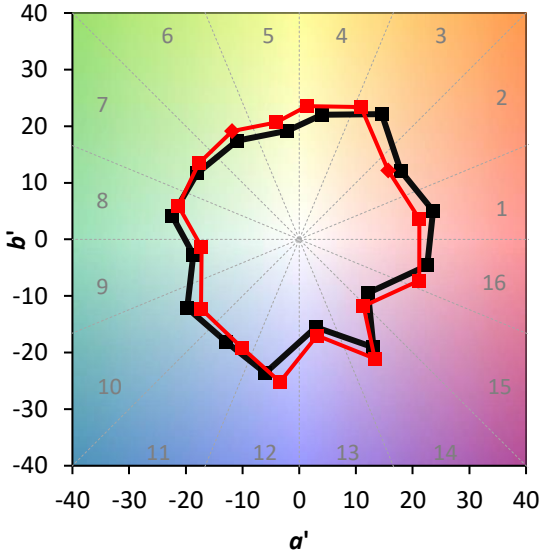
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

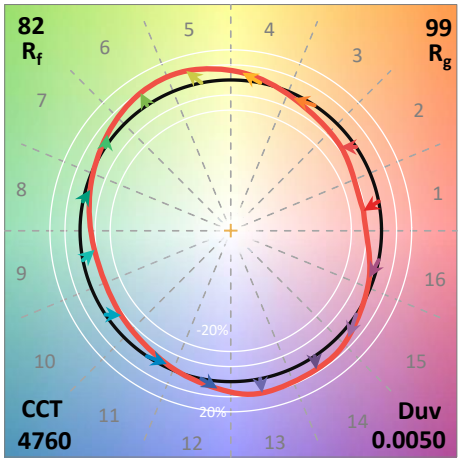
Spectral Power Distribution Comparison

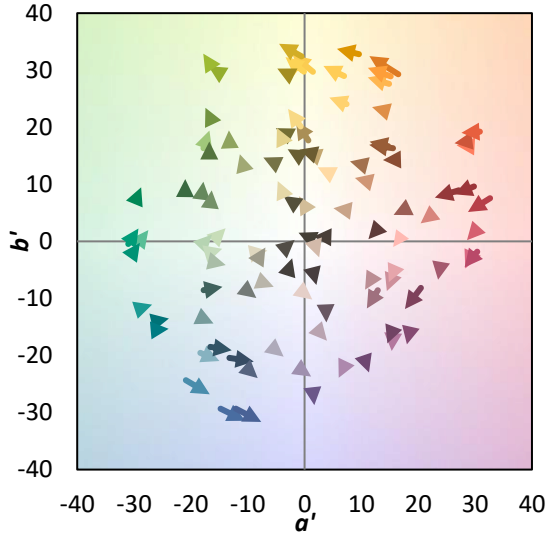


Color Vector Graphics









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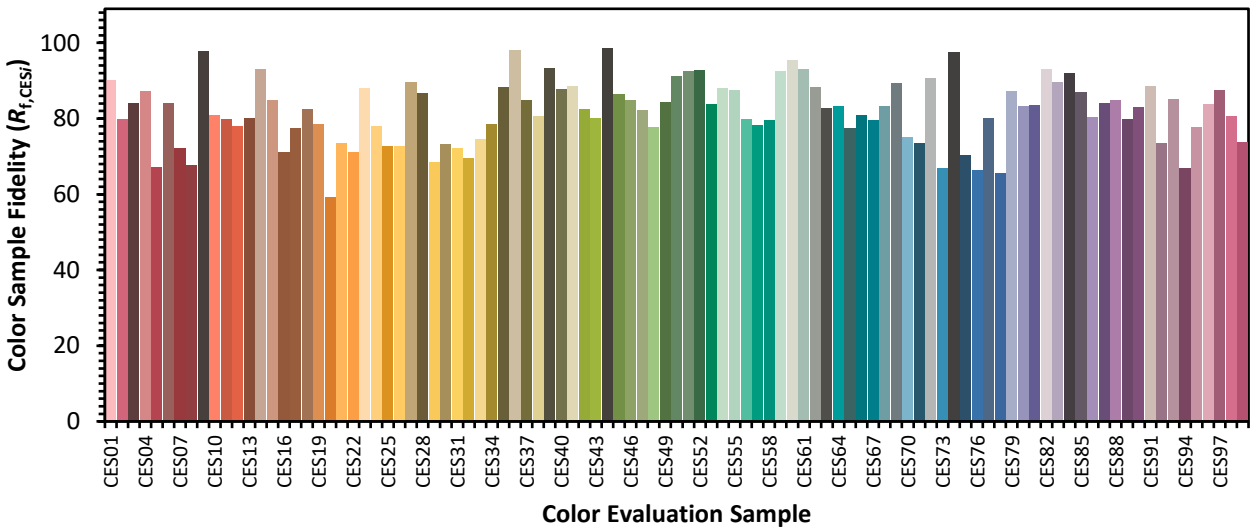
Individual Sample Fidelity Index ($R_{f,i}$)

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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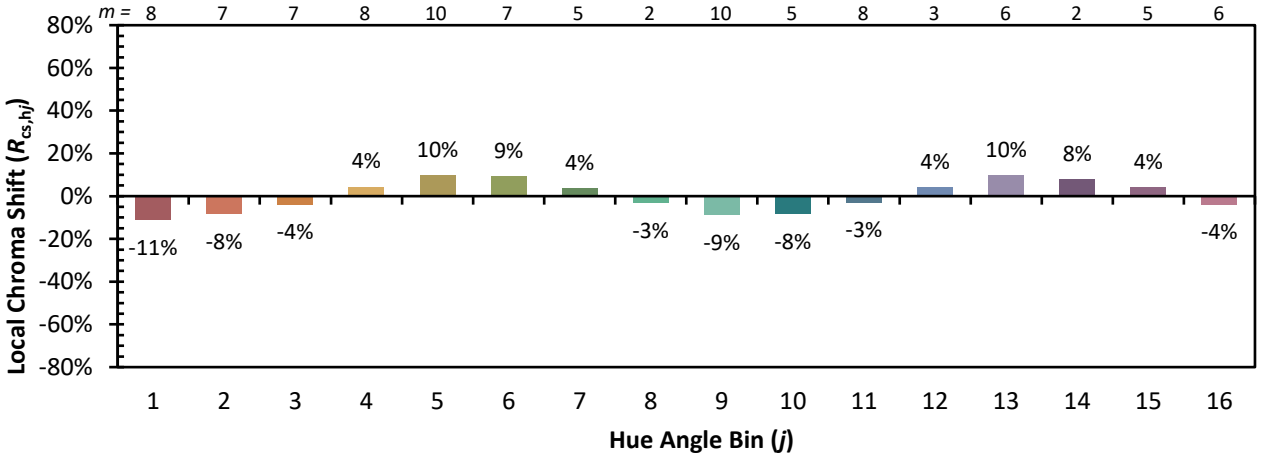
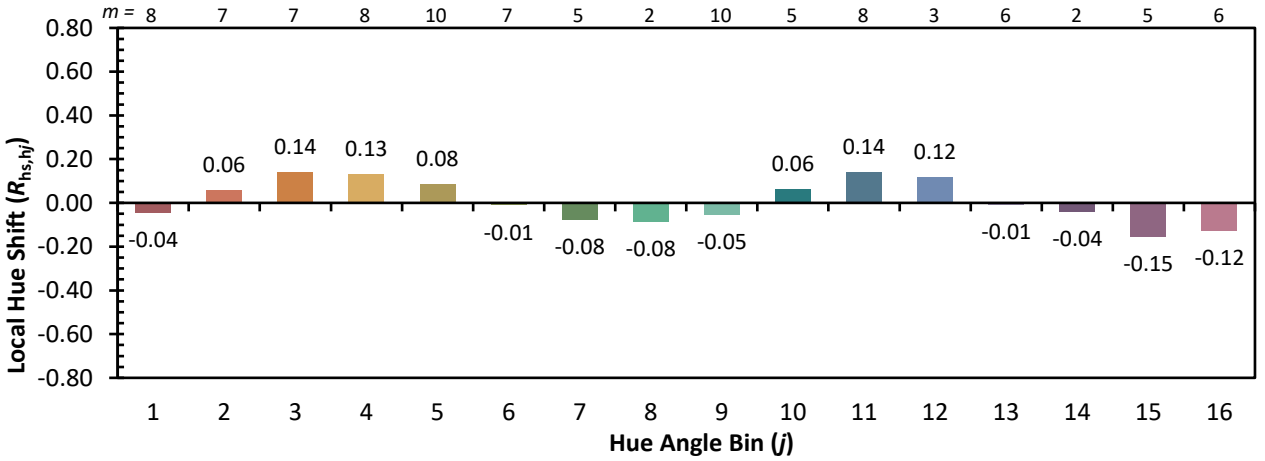
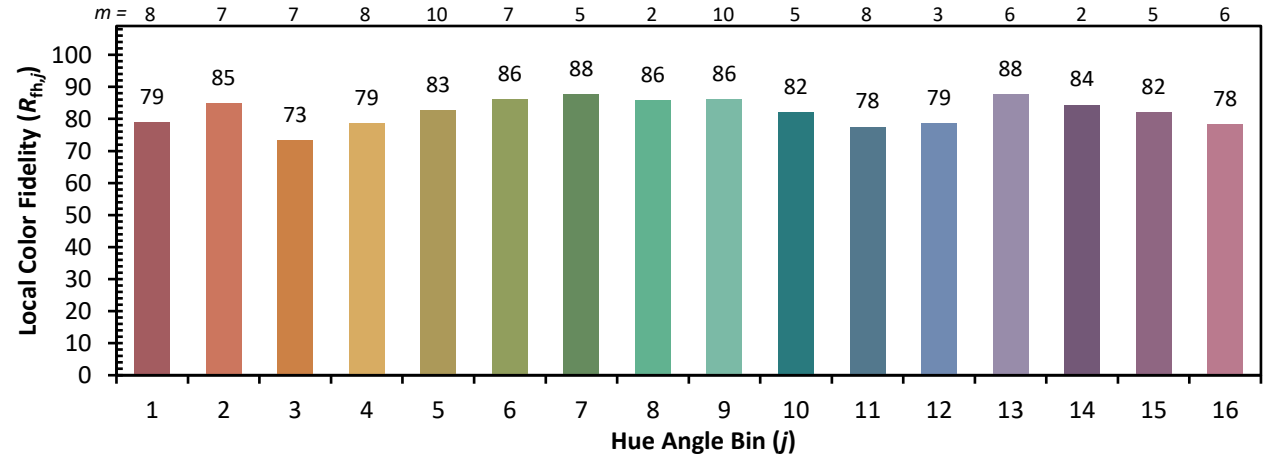
Color Rendition by Hue-Angle Bin







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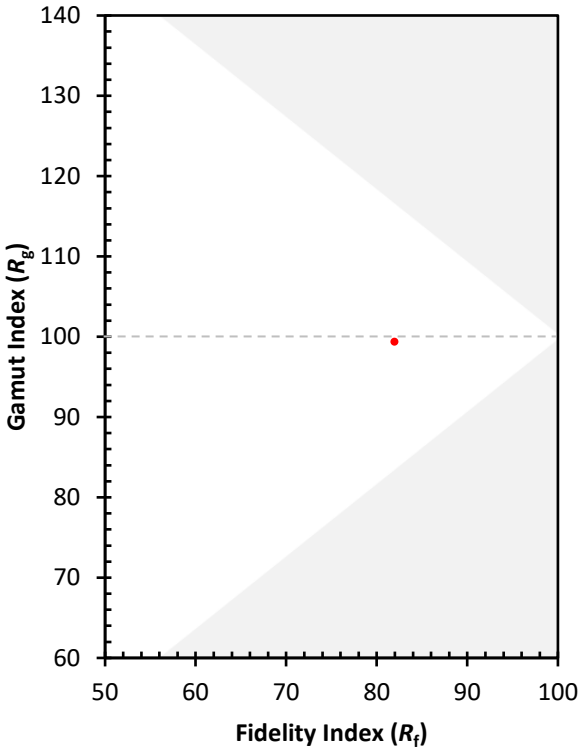
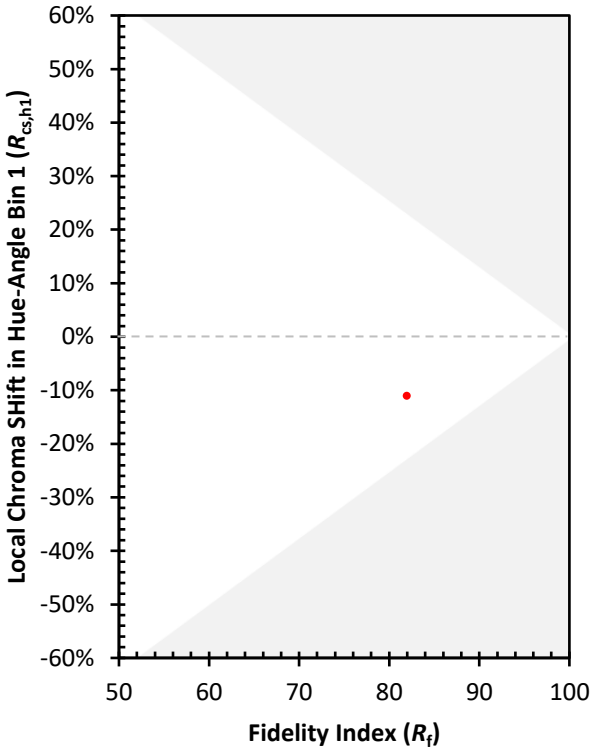
Measure Comparisons





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