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: P1063381

Luminaire Tested: **GLAN-SA4A-730-U-T2BC**

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:	P1063381
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SA4A-730-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(56) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14121.1 lumens
Efficiency:	N/A
Efficacy:	131.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	107.4
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: P1063381
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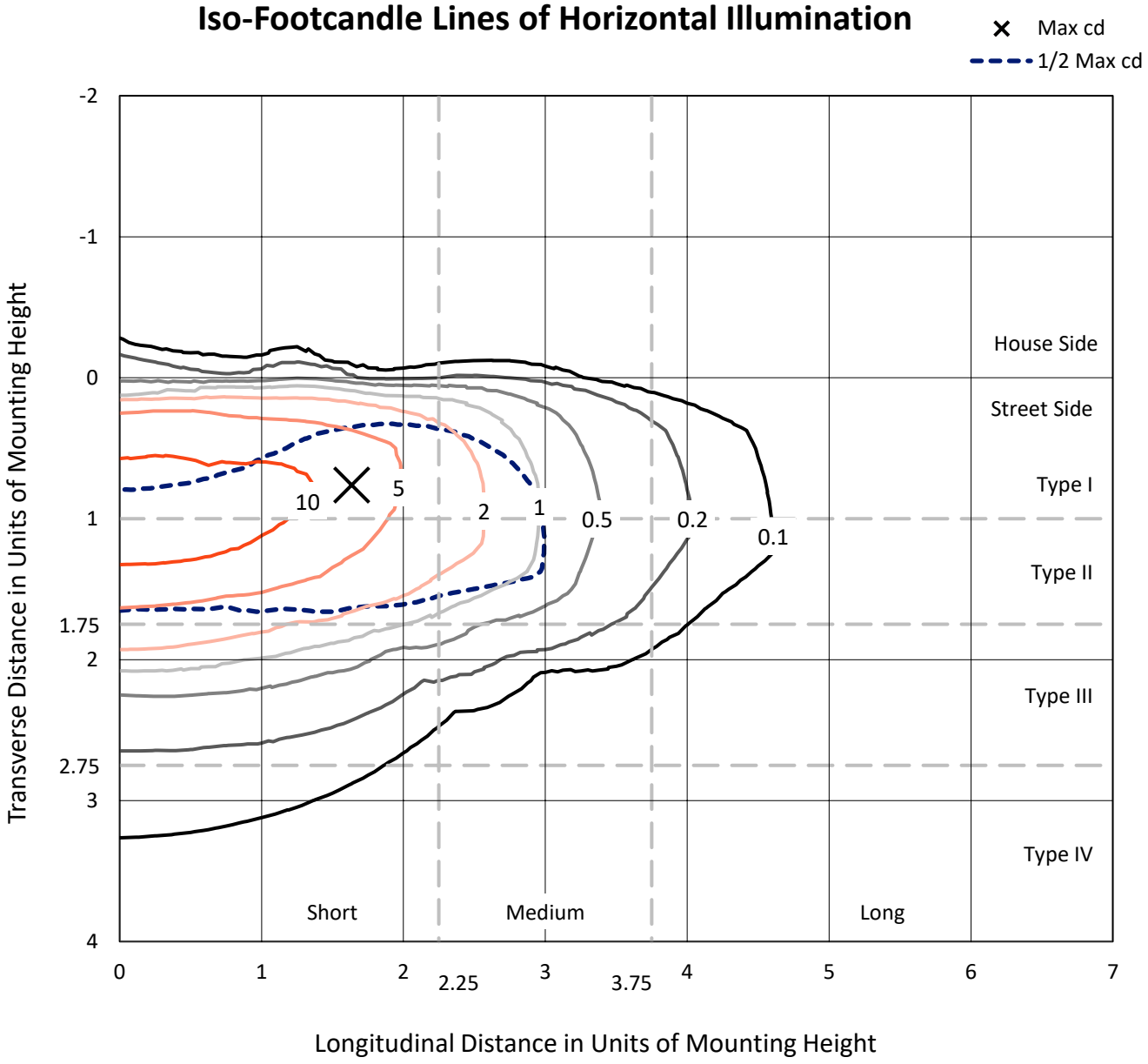
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 18.7 fc
Type II - Short - N/A

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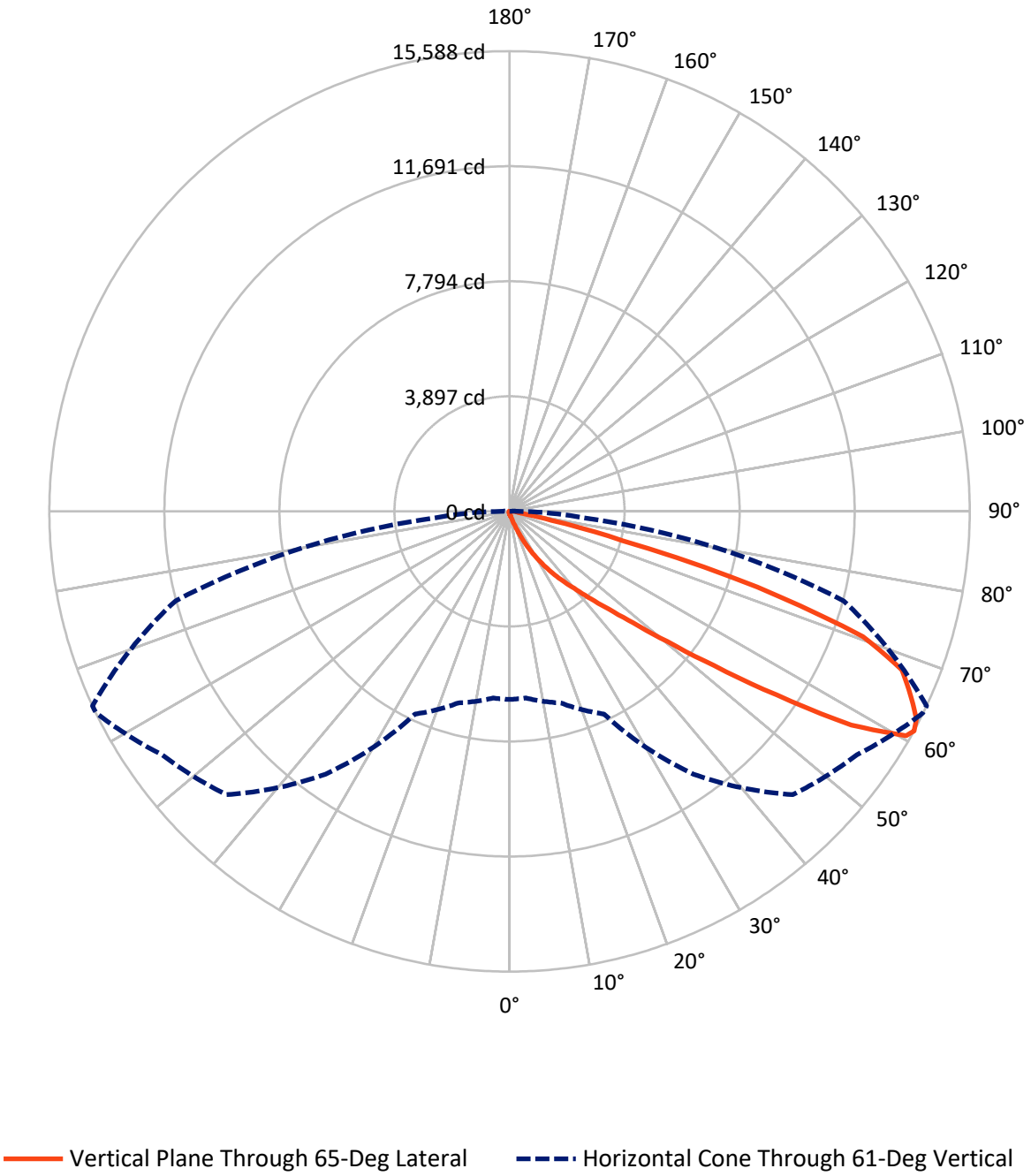
Luminous Intensity Polar Plot



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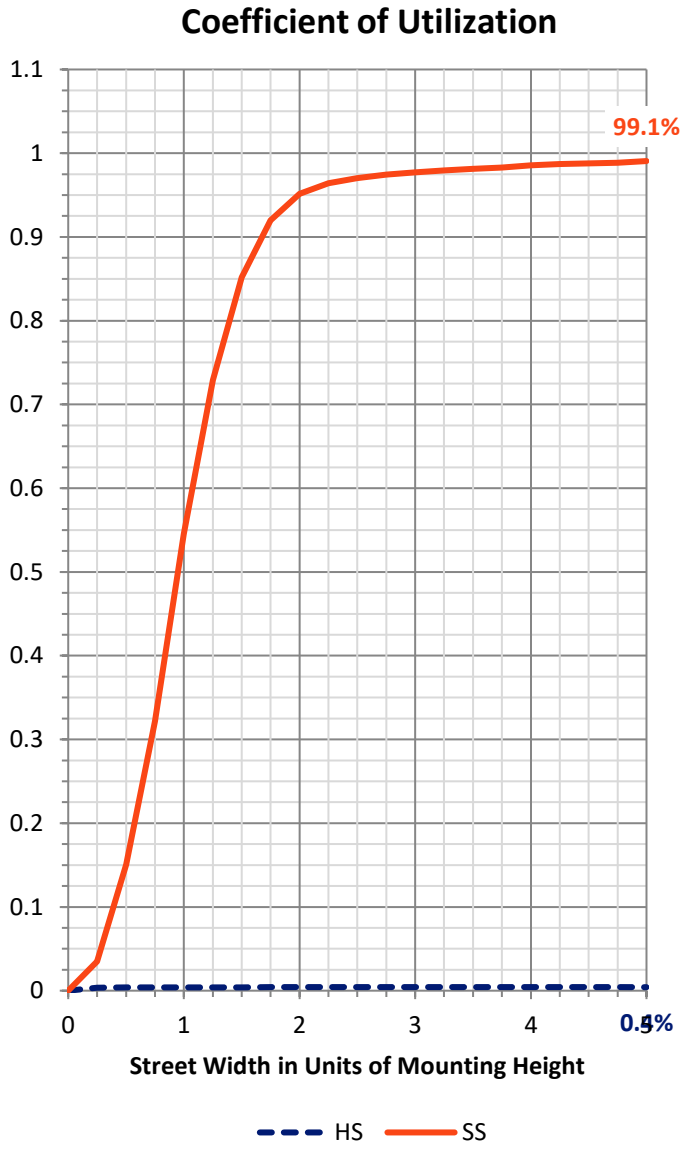
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	60.3	0.0	60.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14060.8	0.0	14060.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	14121.1	0.0	14121.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.0	0.1
10°-20°	116.1	0.8
20°-30°	416.7	3.0
30°-40°	1109.5	7.9
40°-50°	2914.7	20.6
50°-60°	4515.4	32.0
60°-70°	3786.1	26.8
70°-80°	1114.2	7.9
80°-90°	137.4	1.0
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°	14121.1	100.0
0°-180°	14121.1	100.0



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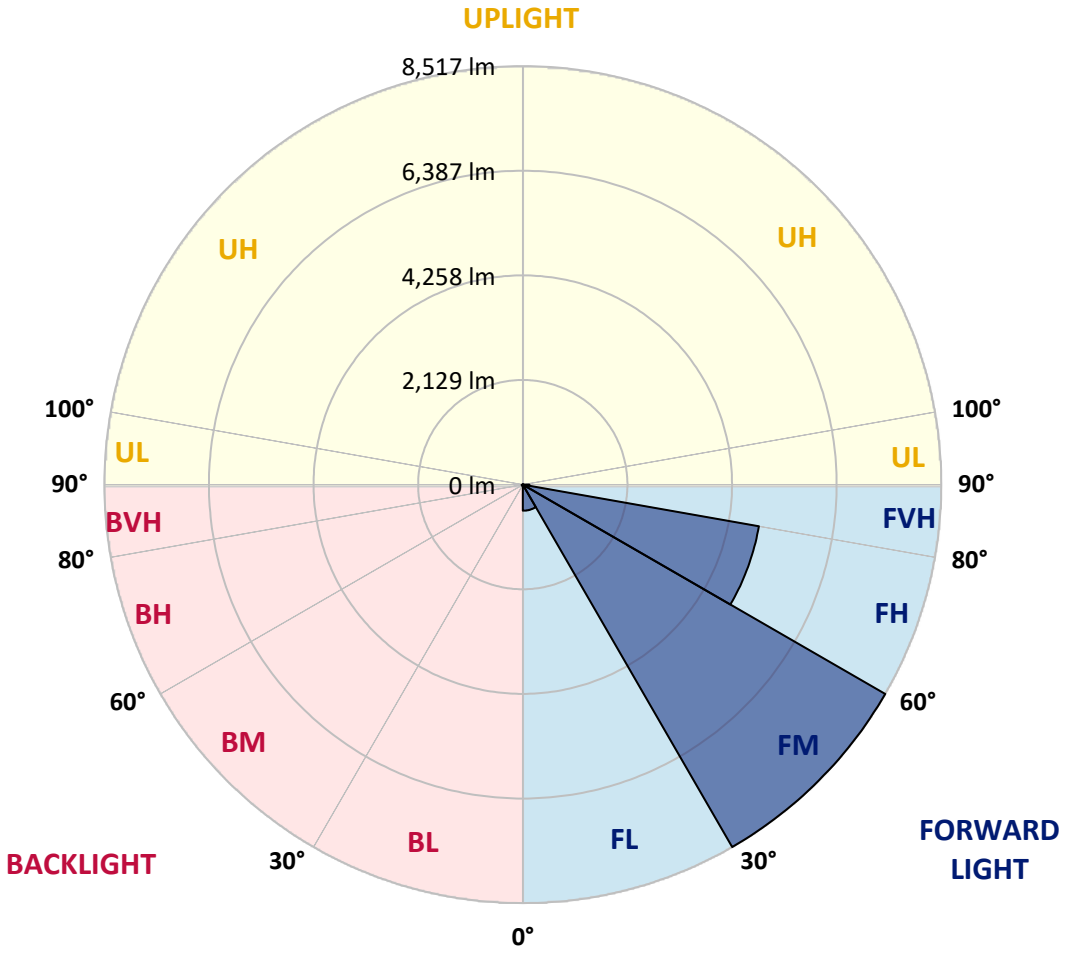
CATALOG NUMBER: GLAN-SA4A-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	530.3	3.8			
FM	(30°-60°)	8516.6	60.3			
FH	(60°-80°)	4879.0	34.6			G2/5000
FVH	(80°-90°)	134.9	1.0			G2/225
BL	(0°-30°)	13.5	0.1	B0/110		
BM	(30°-60°)	22.9	0.2	B0/220		
BH	(60°-80°)	21.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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-G2
Type II Short



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Scaled Data Report

REPORT NUMBER: P1063381
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	*86.5*	86.5	86.5
2.5°	104.9	105.9	103.9	100.1	97.1	97.1	96.2	93.3	*93.3*	90.3	88.4
5°	146.7	144.7	140.8	133.1	126.3	119.5	112.7	105.9	*104.9*	96.2	90.3
7.5°	239.9	241.9	229.2	205.0	184.6	158.3	134.0	119.5	*117.5*	103.0	91.3
10°	526.5	511.9	482.8	388.6	319.6	240.9	178.7	138.9	*137.0*	110.7	93.3
12.5°	959.7	948.1	894.6	797.5	619.7	431.3	261.3	171.9	*166.1*	117.5	94.2
15°	1383.2	1364.8	1335.6	1237.5	1029.7	773.2	427.4	235.1	*219.5*	127.3	93.3
17.5°	1653.3	1656.2	1630.0	1588.2	1454.1	1144.3	738.2	350.7	*320.6*	144.7	91.3
20°	1889.3	1882.5	1897.1	1874.8	1780.5	1555.2	1074.3	555.6	*504.1*	172.9	92.3
22.5°	2161.3	2177.8	2188.5	2183.7	2079.7	1887.4	1456.1	831.5	*766.4*	224.4	95.2
25°	2525.6	2523.6	2524.6	2512.0	2411.0	2197.3	1838.8	1174.4	*1108.3*	307.9	102.0
27.5°	2907.3	2919.0	2923.8	2878.2	2746.1	2536.3	2193.4	1549.3	*1471.6*	442.0	110.7
30°	3429.0	3419.2	3396.9	3303.6	3143.4	2883.0	2543.1	1942.8	*1861.2*	629.5	124.3
32.5°	4132.2	4121.5	4008.9	3802.9	3563.0	3244.4	2894.7	2337.1	*2238.1*	863.6	142.8
35°	5291.1	5307.6	5030.8	4497.5	4067.2	3678.6	3284.2	2729.6	*2642.1*	1152.1	168.0
37.5°	7065.8	6975.5	6599.5	5657.3	4730.6	4220.6	3656.3	3125.9	*3050.1*	1507.6	201.1
40°	8790.0	8700.6	8591.8	7699.1	5883.6	4818.0	4176.9	3591.2	*3493.1*	1908.8	249.6
42.5°	10602.6	10553.0	10548.2	9875.0	7987.6	5757.3	4803.5	4136.1	*4052.6*	2348.8	329.3
45°	11886.7	11837.2	11941.1	12058.7	10853.2	7770.0	5894.3	4844.3	*4722.8*	2883.0	456.5
47.5°	12059.6	12061.6	12339.4	12707.5	12982.4	10883.3	7347.5	5782.6	*5635.0*	3647.5	670.2
50°	11484.6	11506.9	11948.9	12607.5	13347.7	13495.3	9910.0	7144.5	*6925.9*	4553.8	973.3
52.5°	10389.8	10415.1	11030.9	12114.0	13011.6	14122.8	12927.1	8926.0	*8674.4*	5684.5	1400.7
55°	9403.9	9419.4	10125.6	11494.3	12606.5	13781.9	14718.3	11304.9	*10974.6*	7075.5	1822.3
57.5°	8427.7	8391.7	8851.2	10418.0	12537.6	13363.2	14982.5	14016.0	*13651.7*	8595.7	2150.6
60°	7122.1	7061.9	7431.0	8427.7	11630.3	13638.1	14488.1	15515.8	*15433.2*	10712.3	2404.2
61°	*6371.3*	*6346.0*	*6717.1*	*7571.9*	*10866.8*	*13568.2*	*14369.6*	*15578.9*	*15587.7*	*11713.8*	*2517.8*
62.5°	4549.9	4621.8	5189.1	6300.3	9101.8	13114.5	14385.1	15383.7	*15470.1*	13044.6	2812.1
65°	2022.4	2138.0	2579.0	3483.4	5293.0	10909.5	14247.2	14955.3	*14912.6*	13409.8	3826.3
67.5°	1199.6	1217.1	1436.7	1973.8	2803.4	5868.1	12572.5	14389.0	*14331.7*	11674.0	4760.7
70°	945.1	953.9	1023.8	1238.5	1627.1	2247.8	7175.6	12449.2	*12698.8*	9466.1	4660.7
72.5°	896.6	894.6	904.4	942.2	1024.8	1115.1	2778.1	8275.2	*8783.2*	6817.1	3907.8
75°	884.9	881.0	871.3	856.8	742.1	656.7	860.6	3660.1	*3954.5*	4657.7	2942.3
77.5°	858.7	859.7	861.6	821.8	636.3	464.3	416.7	1174.4	*1444.4*	2955.9	2091.4
80°	580.9	589.6	604.2	588.7	572.1	336.1	294.3	417.7	*423.5*	1659.1	1381.3
82.5°	294.3	294.3	287.5	256.4	221.5	218.6	234.1	303.1	*307.0*	839.3	649.9
85°	177.8	187.5	191.4	173.9	159.3	146.7	178.7	240.9	*249.6*	325.4	151.5
87.5°	39.8	40.8	44.7	59.3	86.5	117.5	166.1	220.5	*224.4*	208.8	18.5
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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CATALOG NUMBER: GLAN-SA4A-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2.5°	87.4	85.5	84.5	81.6	78.7	75.8	73.8	72.9	73.8	74.8	74.8
5°	86.5	83.5	78.7	73.8	69.9	66.1	62.2	61.2	61.2	62.2	62.2
7.5°	86.5	81.6	74.8	69.0	63.1	57.3	54.4	52.5	53.4	53.4	53.4
10°	86.5	80.6	71.9	63.1	56.3	49.5	44.7	42.7	42.7	42.7	42.7
12.5°	85.5	79.7	69.0	58.3	48.6	40.8	35.0	32.1	33.0	33.0	33.0
15°	83.5	76.7	65.1	49.5	38.9	31.1	25.3	22.3	23.3	25.3	26.2
17.5°	80.6	73.8	58.3	41.8	31.1	23.3	17.5	15.5	16.5	19.4	19.4
20°	79.7	70.9	51.5	34.0	23.3	16.5	11.7	9.7	10.7	14.6	15.5
22.5°	79.7	69.0	46.6	28.2	17.5	10.7	6.8	3.9	3.9	6.8	6.8
25°	80.6	68.0	42.7	23.3	12.6	7.8	3.9	1.9	3.9	10.7	12.6
27.5°	82.6	67.0	40.8	19.4	9.7	6.8	2.9	6.8	11.7	11.7	11.7
30°	84.5	65.1	37.9	16.5	8.7	4.9	4.9	9.7	9.7	11.7	12.6
32.5°	87.4	64.1	35.9	14.6	6.8	3.9	6.8	5.8	5.8	6.8	7.8
35°	93.3	65.1	34.0	14.6	6.8	4.9	5.8	2.9	1.9	1.9	1.9
37.5°	101.0	66.1	31.1	12.6	5.8	5.8	2.9	0.0	0.0	0.0	0.0
40°	113.7	69.0	29.1	11.7	4.9	4.9	1.0	0.0	0.0	0.0	0.0
42.5°	135.0	74.8	28.2	10.7	4.9	3.9	0.0	0.0	0.0	0.0	0.0
45°	177.8	88.4	26.2	9.7	4.9	1.9	0.0	0.0	0.0	0.0	0.0
47.5°	255.5	120.5	25.3	7.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	373.0	163.2	24.3	6.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	476.0	171.9	16.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	487.6	118.5	12.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	388.6	76.7	10.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	294.3	58.3	9.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*282.7*	*52.5*	*9.7*	*1.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	311.8	45.7	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	507.1	37.9	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	881.0	33.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1113.2	31.1	5.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	970.4	28.2	5.8	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	583.8	24.3	5.8	3.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	306.0	18.5	5.8	4.9	2.9	1.0	0.0	0.0	0.0	0.0	0.0
80°	148.6	16.5	6.8	4.9	3.9	1.9	0.0	0.0	0.0	0.0	0.0
82.5°	58.3	13.6	7.8	6.8	4.9	2.9	1.0	0.0	0.0	0.0	0.0
85°	26.2	11.7	8.7	7.8	6.8	3.9	1.0	0.0	0.0	0.0	0.0
87.5°	13.6	10.7	9.7	8.7	6.8	4.9	1.9	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

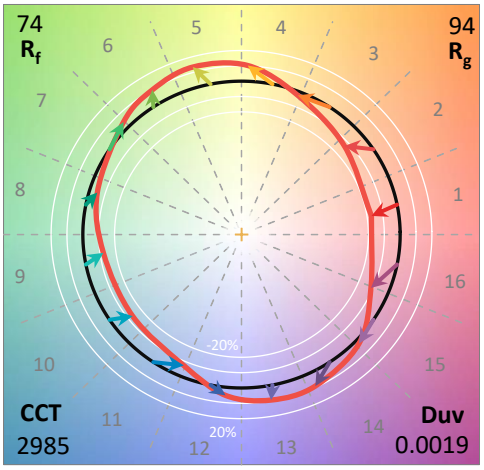
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

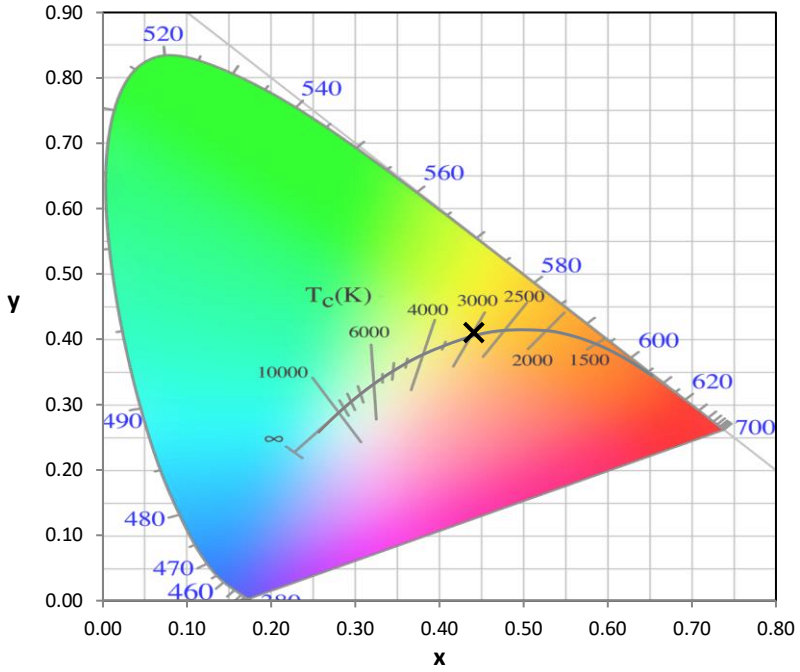
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

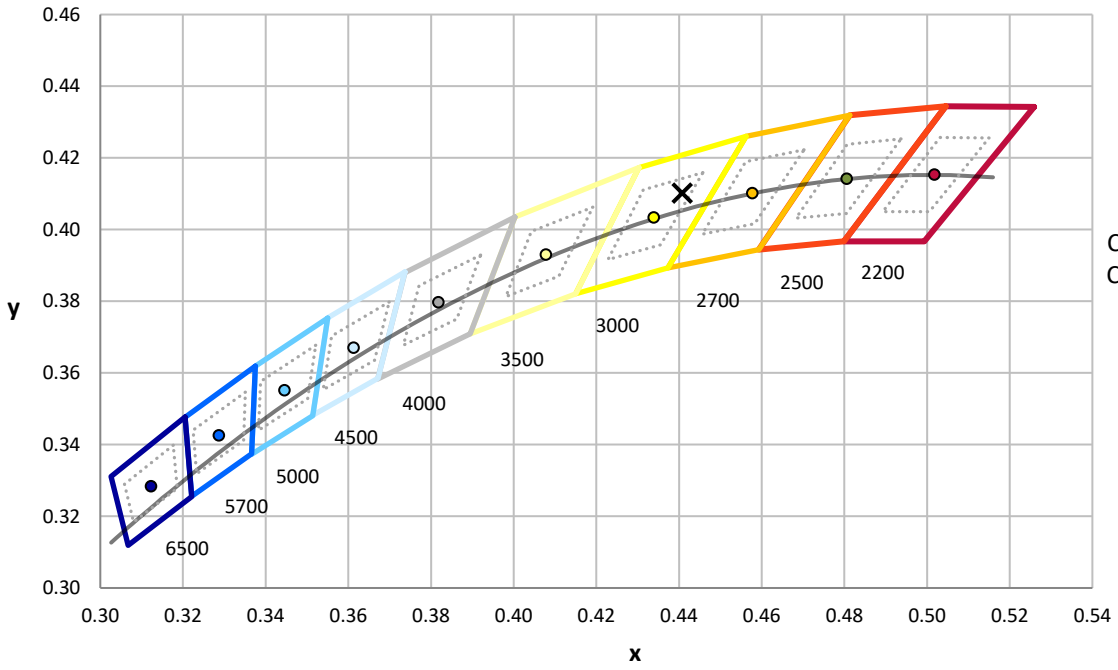
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

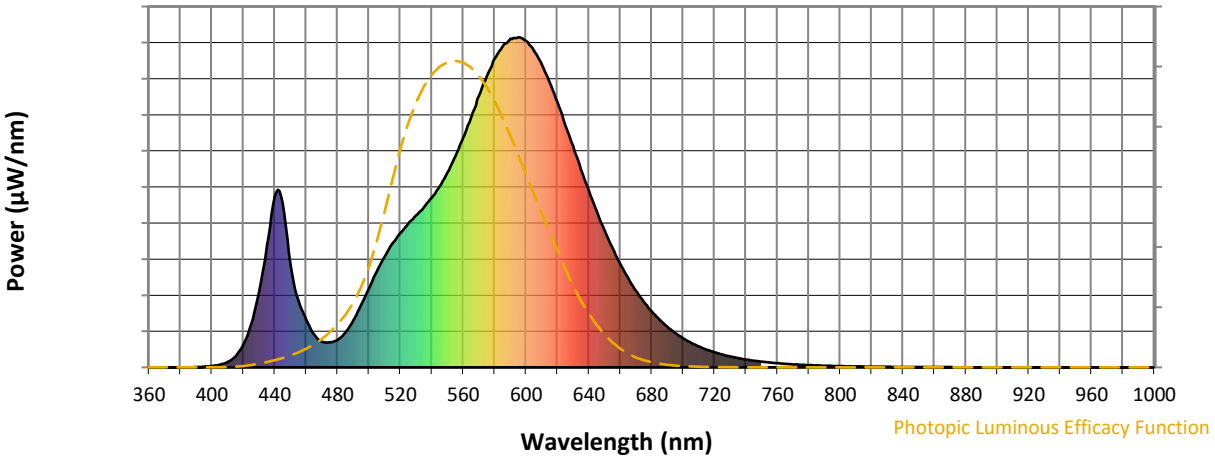


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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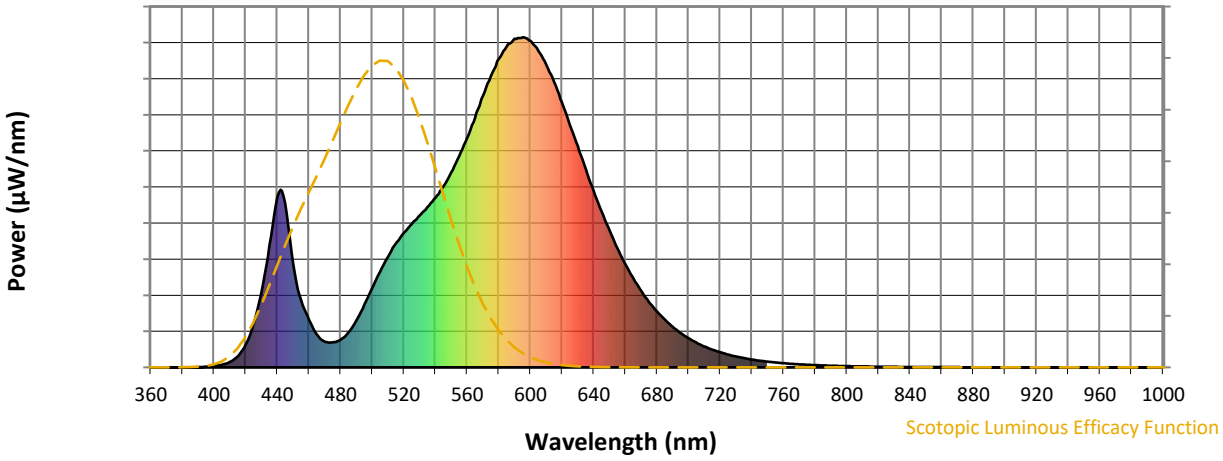
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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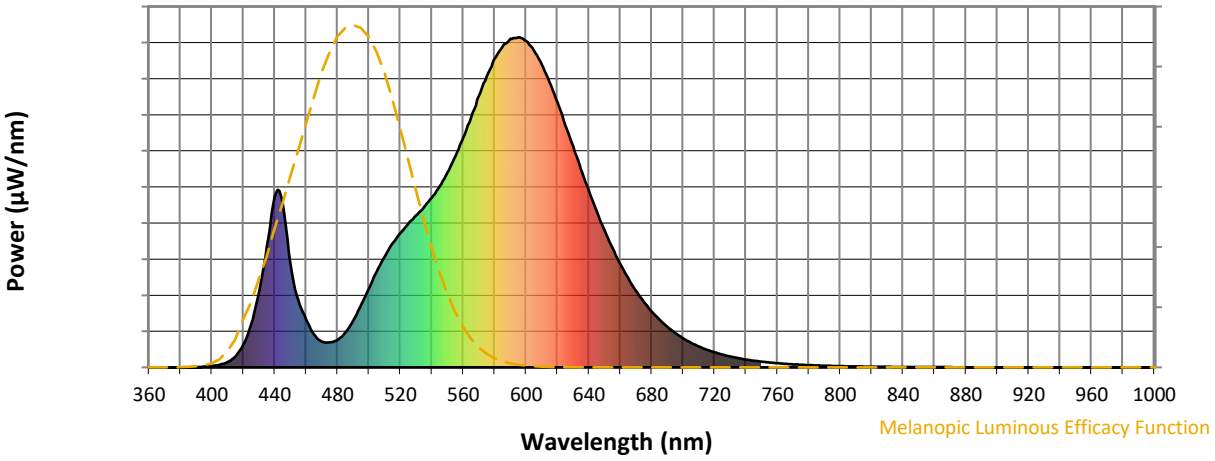
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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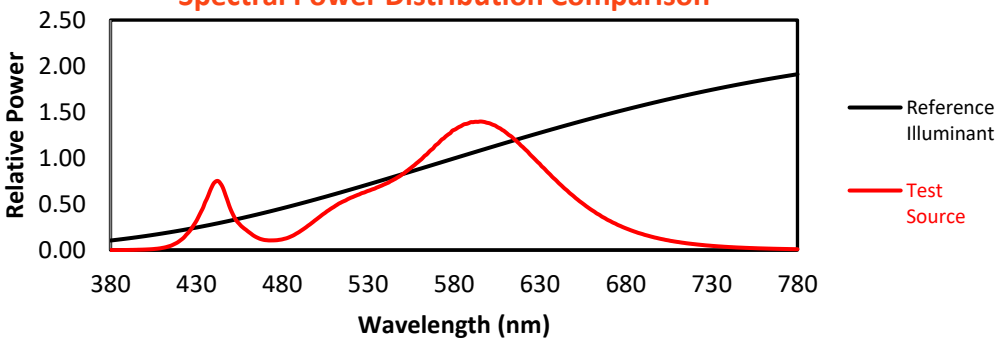
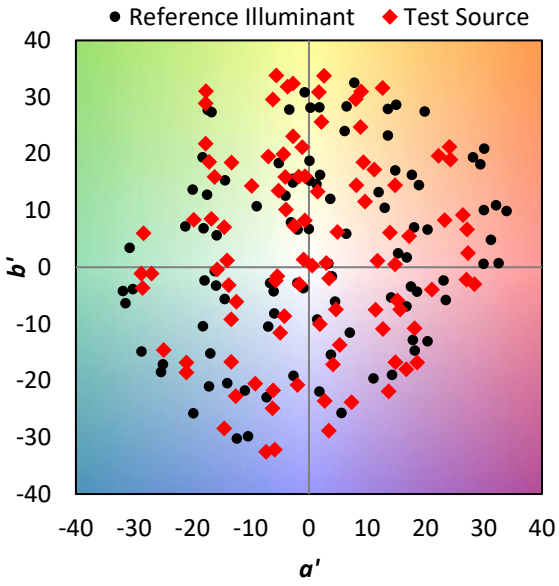
Summary

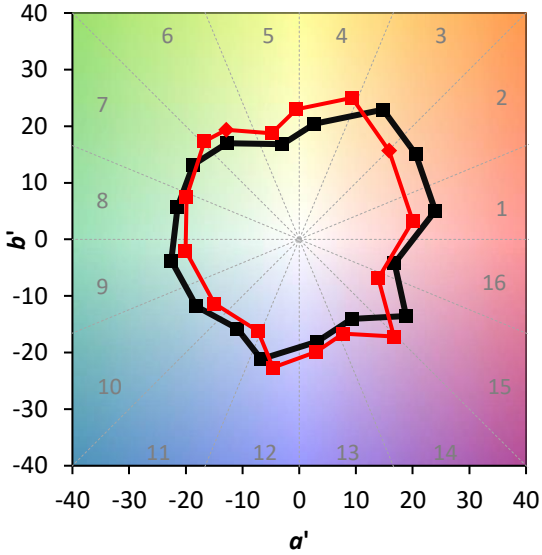
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

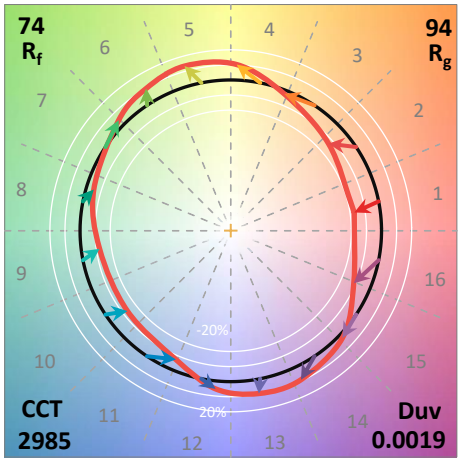
Spectral Power Distribution Comparison

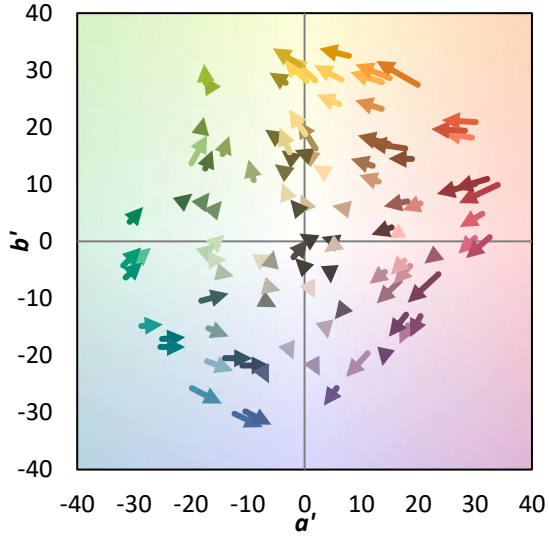


Color Vector Graphics









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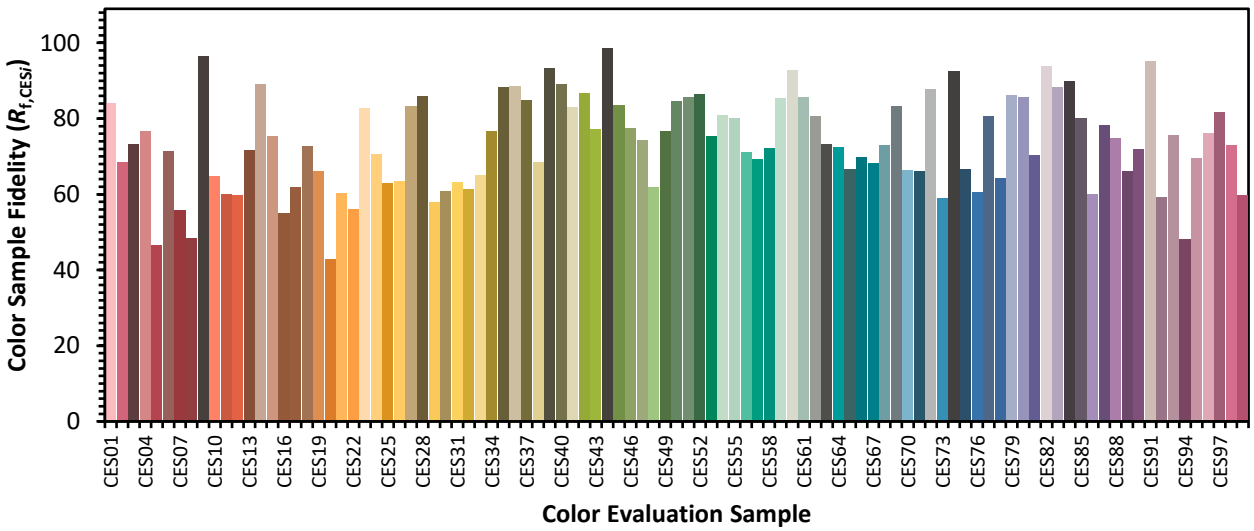
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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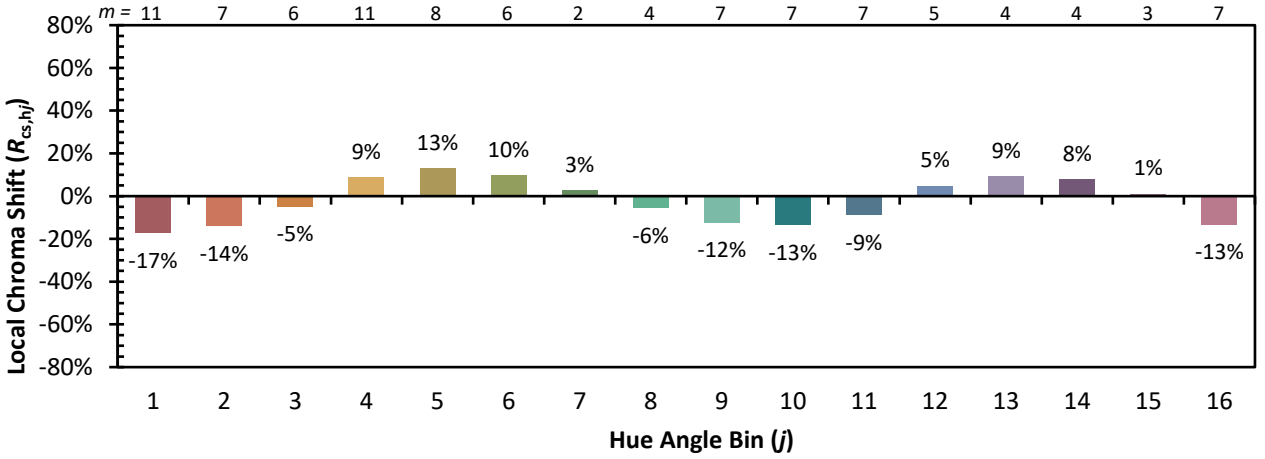
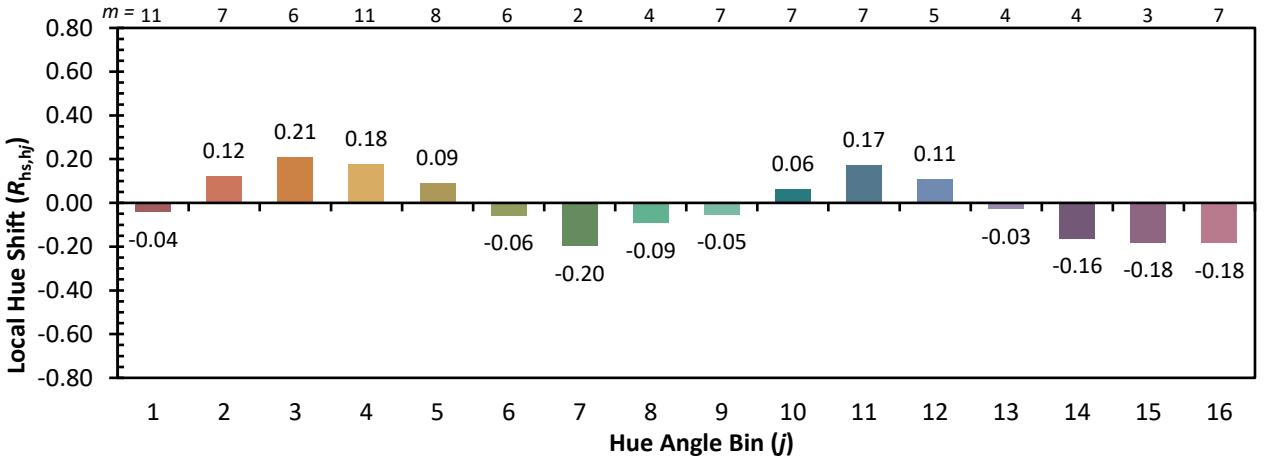
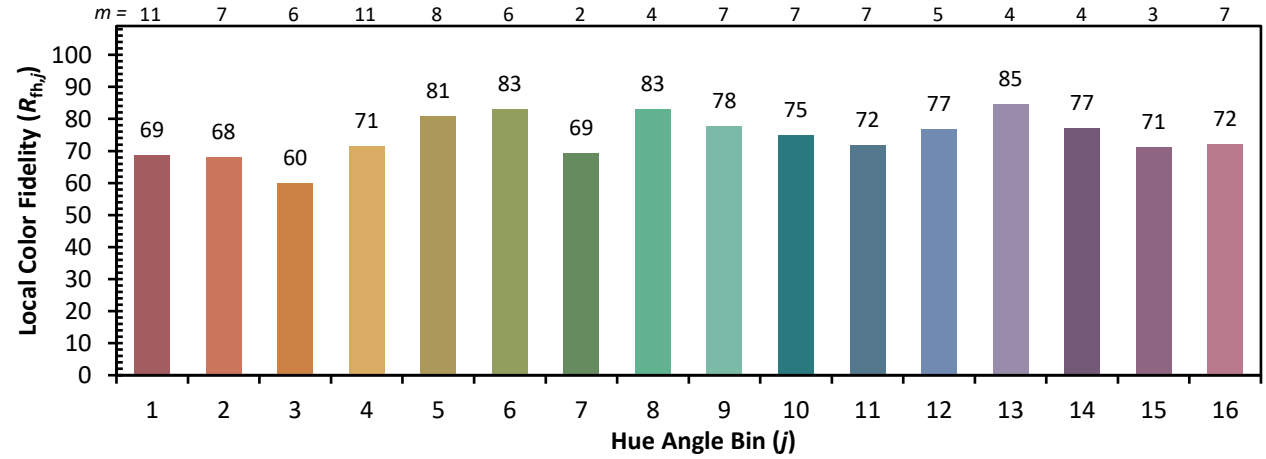
Color Rendition by Hue-Angle Bin







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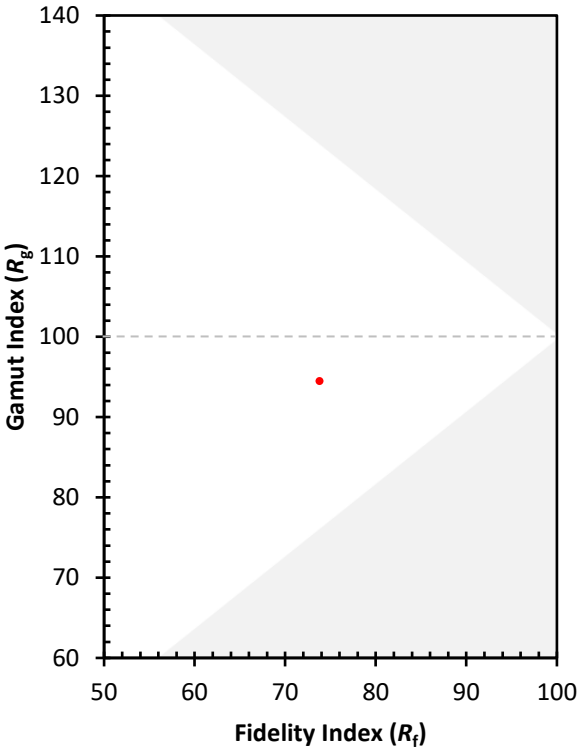
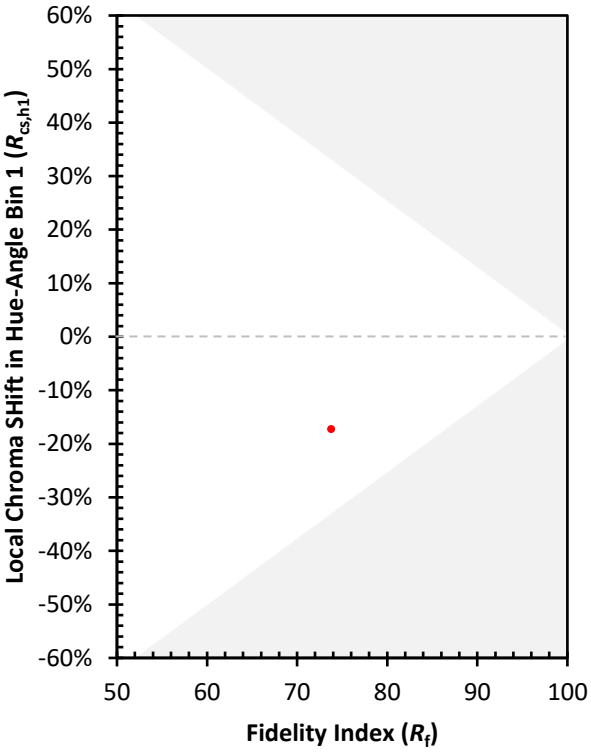
Measure Comparisons





(END OF REPORT)