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: P1065924

Luminaire Tested: **NVN-SA6D-830-U-T3BC**

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:	P1065924
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	NVN-SA6D-830-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1200mA 6xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(84) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	30334.9 lumens
Efficiency:	N/A
Efficacy:	94.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	320.4
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: P1065924
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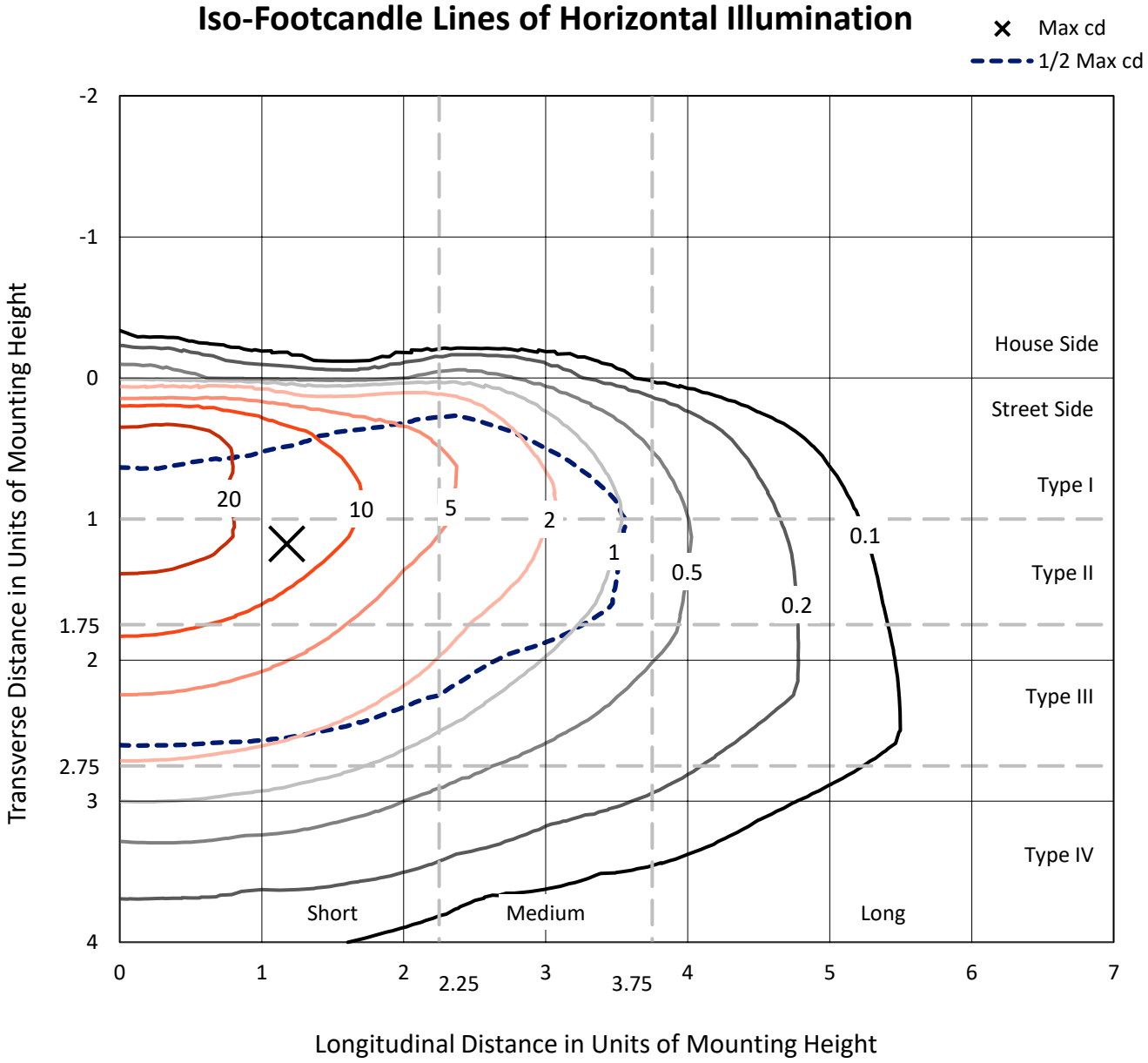
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 33.1 fc
Type III - Short - N/A

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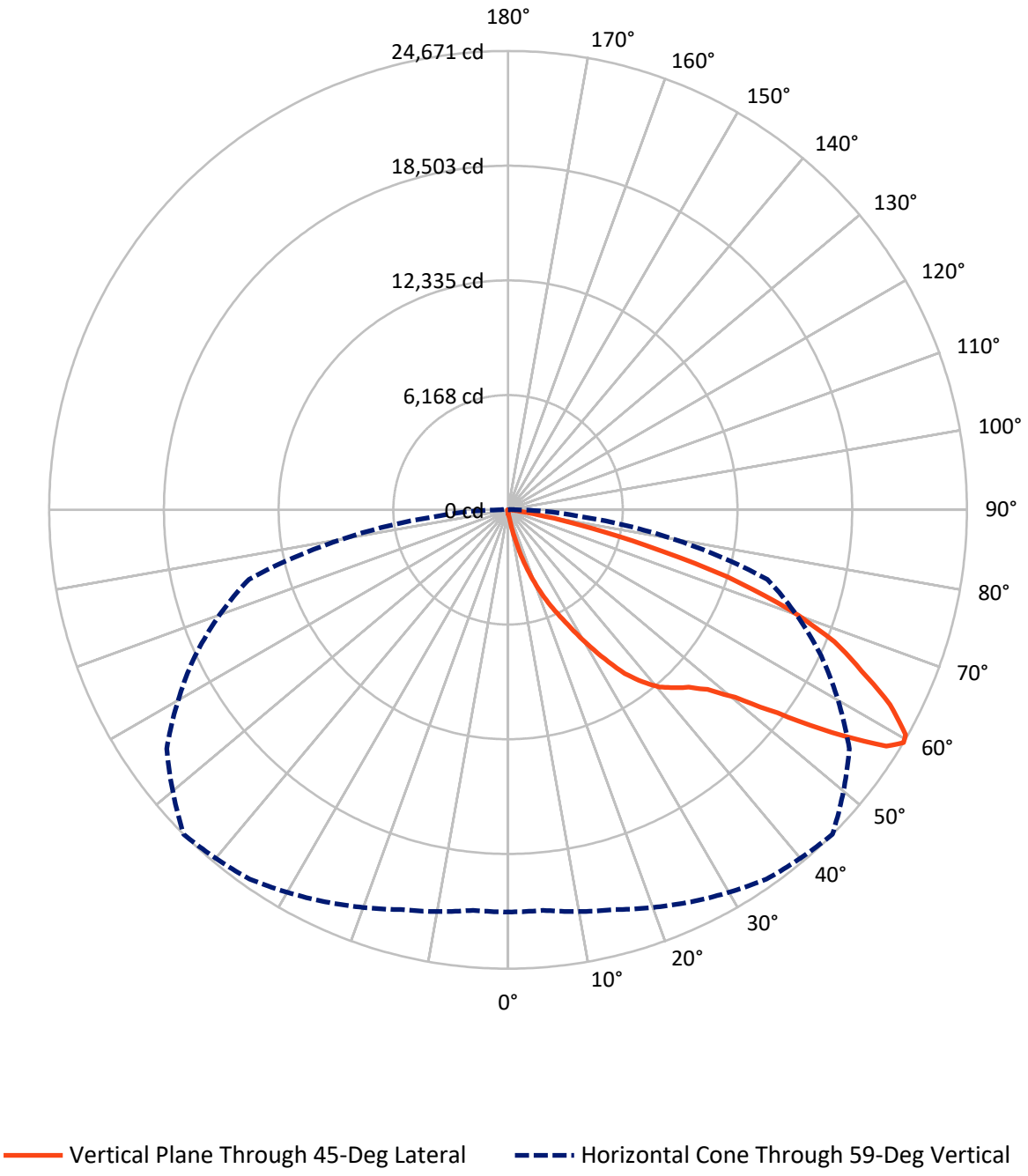
Luminous Intensity Polar Plot



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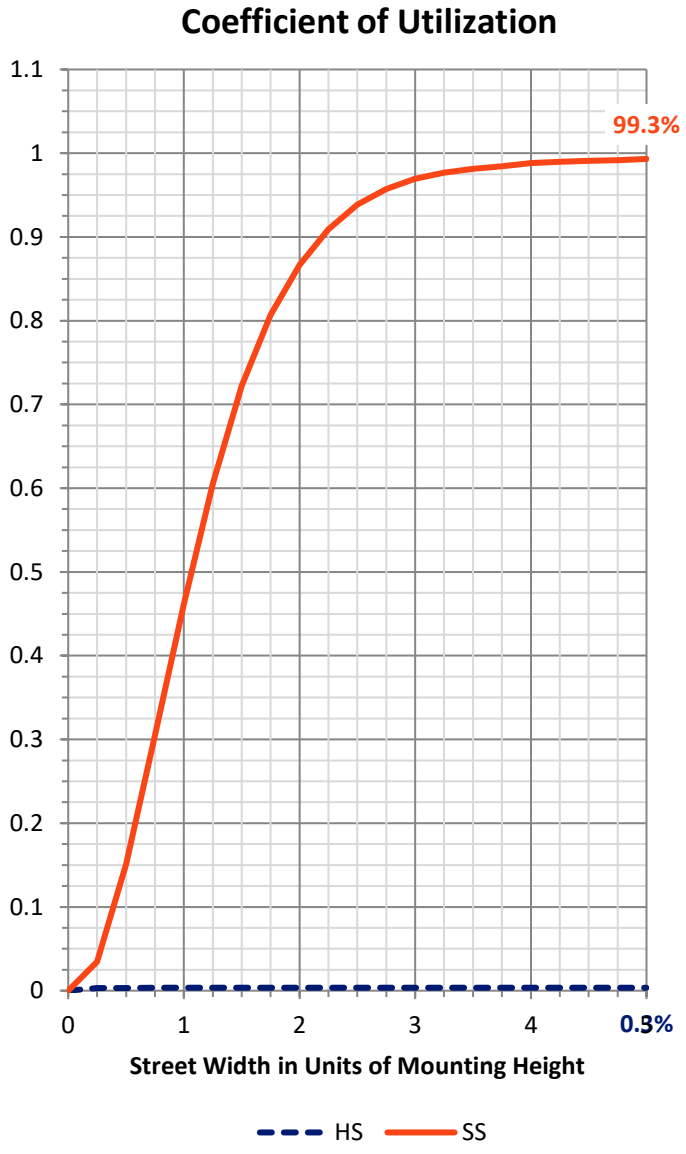
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	107.7	0.0	107.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	30227.2	0.0	30227.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	30334.9	0.0	30334.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	0.1
10°-20°	335.3	1.1
20°-30°	1204.7	4.0
30°-40°	2799.5	9.2
40°-50°	4771.5	15.7
50°-60°	7862.2	25.9
60°-70°	9090.4	30.0
70°-80°	3905.5	12.9
80°-90°	337.5	1.1
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°	30334.9	100.0
0°-180°	30334.9	100.0



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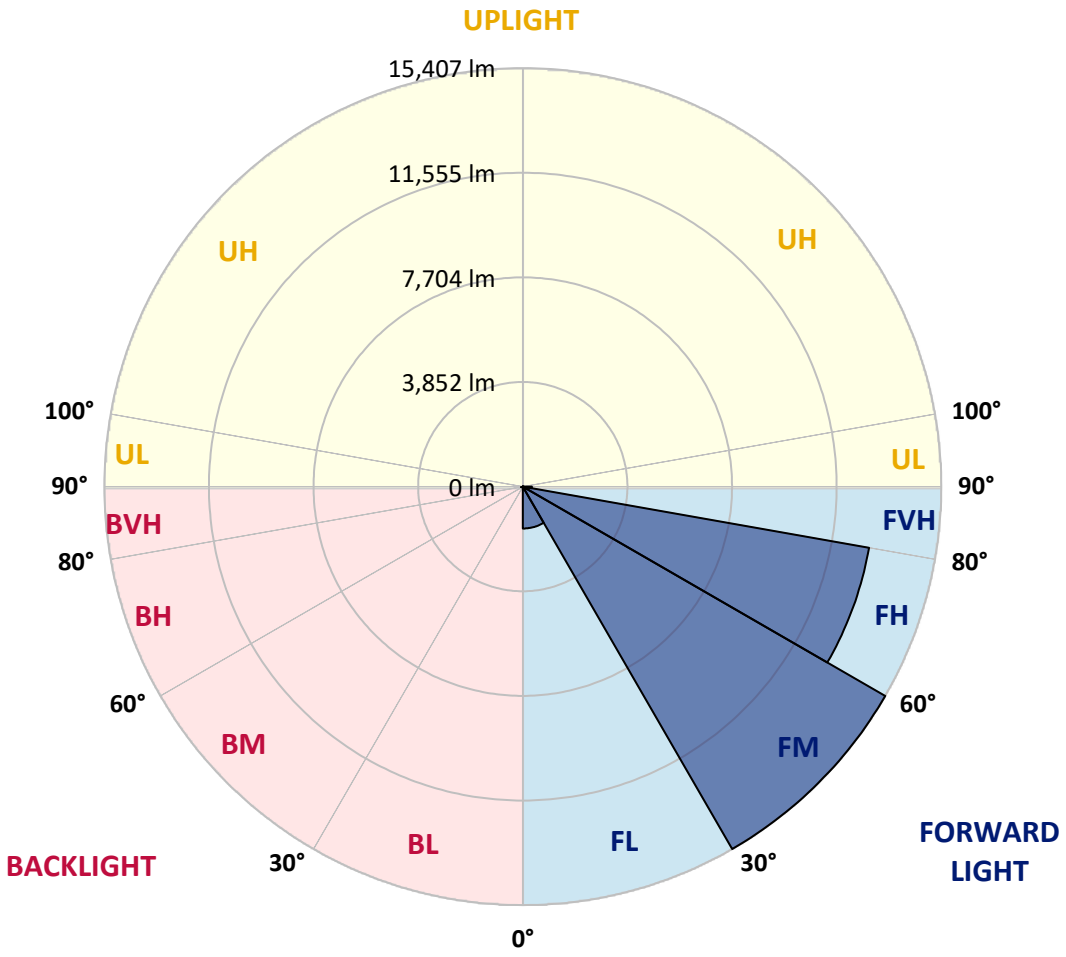
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1541.6	5.1			
FM	(30°-60°)	15407.1	50.8			
FH	(60°-80°)	12945.3	42.7			G5
FVH	(80°-90°)	333.1	1.1			G3/500
BL	(0°-30°)	26.6	0.1	B0/110		
BM	(30°-60°)	26.1	0.1	B0/220		
BH	(60°-80°)	50.7	0.2	B0/110		G0/110
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: B0-U0-G5
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	191.7	191.7	191.7	191.7	191.7	191.7	*191.7*	191.7	191.7	191.7	191.7
2.5°	248.8	248.8	242.7	234.6	232.5	226.4	*226.4*	220.3	212.1	206.0	197.9
5°	361.0	359.0	342.7	322.3	295.8	279.4	*279.4*	257.0	236.6	218.3	201.9
7.5°	789.4	771.0	711.9	614.0	485.5	399.8	*393.7*	320.2	271.3	234.6	204.0
10°	1811.3	1748.0	1664.4	1429.8	1056.6	738.4	*724.1*	467.1	324.3	252.9	208.1
12.5°	2967.8	3018.8	2851.5	2482.3	2045.8	1521.6	*1419.6*	787.3	428.3	277.4	212.1
15°	4020.3	4008.1	3914.2	3612.4	3108.5	2411.0	*2347.7*	1368.7	614.0	316.2	216.2
17.5°	4807.6	4793.4	4703.6	4509.8	4122.3	3424.7	*3369.6*	2182.5	962.8	371.2	220.3
20°	5637.8	5619.4	5493.0	5338.0	4999.4	4405.8	*4340.5*	3092.2	1507.4	461.0	220.3
22.5°	6633.2	6598.5	6463.9	6200.8	5843.8	5327.8	*5268.6*	4022.3	2182.5	607.8	230.5
25°	7836.6	7777.5	7591.9	7355.3	6924.9	6239.5	*6176.3*	5058.5	2996.4	830.2	240.7
27.5°	9209.4	9219.6	8968.7	8568.9	7991.6	7292.0	*7173.7*	5986.6	3838.8	1148.4	252.9
30°	10839.1	10737.1	10384.2	9919.2	9358.3	8466.9	*8352.7*	6910.6	4785.2	1617.5	273.3
32.5°	12364.8	12254.7	11779.4	11194.0	10592.3	9652.0	*9558.2*	7948.8	5646.0	2172.3	310.0
35°	13674.3	13596.8	12931.9	12218.0	11683.6	10843.2	*10814.6*	9107.4	6657.7	2769.9	350.8
37.5°	14826.8	14686.0	13831.4	13091.0	12548.4	11795.7	*11734.5*	10168.0	7632.7	3463.5	412.0
40°	15809.9	15732.4	14690.1	13717.2	13276.6	12603.5	*12526.0*	11098.2	8640.3	4269.1	487.5
42.5°	16862.4	16760.4	15748.7	14657.5	13845.7	13125.6	*13074.6*	11865.1	9537.8	5154.4	599.7
45°	18051.6	17861.9	16974.6	15995.5	14761.5	13666.2	*13609.1*	12548.4	10457.7	6104.9	736.3
47.5°	19322.3	19157.1	18439.1	17751.7	16332.1	14557.5	*14435.1*	13129.7	11371.5	7202.3	909.7
50°	20615.5	20619.6	20081.1	19750.7	18251.5	16005.7	*15832.4*	13984.4	12332.2	8377.2	1166.7
52.5°	22120.8	22159.6	22151.4	21906.7	20744.0	18373.9	*18141.3*	15281.6	13447.9	9747.9	1521.6
55°	22751.1	22820.5	23271.2	23813.8	23497.7	21376.3	*21127.5*	17519.2	14926.7	11275.6	2047.9
57.5°	22235.1	22312.6	22934.7	23885.2	24611.3	24005.5	*23977.0*	20431.9	16874.7	13127.7	2908.7
59°	*21621.1*	*21610.9*	*22249.3*	*23257.0*	*24236.0*	*24629.7*	*24670.5*	*22402.3*	*18571.7*	*14427.0*	*3651.1*
60°	21213.2	21221.3	21645.6	22679.7	23720.0	24403.3	*24562.4*	23562.9	19563.0	15361.2	4287.5
62.5°	19638.5	19732.3	20068.9	21029.6	22016.8	22779.7	*23051.0*	24597.1	22400.3	17568.2	6500.6
65°	17927.2	17933.3	18412.6	19234.6	20181.1	20717.5	*20888.8*	22987.7	24295.2	19815.9	9403.1
67.5°	14873.7	14998.1	15542.7	16874.7	18125.0	18804.2	*18934.8*	20009.7	23509.9	21280.5	10857.5
70°	10408.7	10571.9	11349.0	13076.7	14939.0	16054.7	*16046.5*	16634.0	20691.0	20627.8	9205.3
72.5°	5197.2	5478.7	6113.1	7963.1	10219.0	11971.2	*12340.3*	13380.6	16621.7	17133.7	6867.8
75°	2296.7	2313.1	2674.1	3606.2	5078.9	7304.3	*7634.7*	10620.9	12752.4	11907.9	4960.6
77.5°	1336.0	1348.3	1413.5	1619.5	2058.1	3579.7	*3951.0*	6965.7	9011.5	6920.8	3235.0
80°	485.5	497.7	495.7	614.0	901.6	1409.5	*1570.6*	3375.7	6011.1	3645.0	1695.0
82.5°	297.8	297.8	287.6	289.6	328.4	540.5	*591.5*	1438.0	2927.0	1795.0	485.5
85°	146.9	155.0	165.2	185.6	220.3	267.2	*283.5*	412.0	985.2	434.5	116.3
87.5°	87.7	89.7	97.9	118.3	146.9	191.7	*204.0*	279.4	352.9	291.7	28.6
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: NVN-SA6D-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	191.7	191.7	191.7	191.7	191.7	191.7	191.7	191.7	191.7	191.7	191.7
2.5°	193.8	191.7	181.5	173.4	165.2	157.1	150.9	144.8	144.8	146.9	144.8
5°	193.8	185.6	169.3	155.0	142.8	132.6	122.4	114.2	112.2	112.2	114.2
7.5°	191.7	181.5	159.1	140.7	124.4	110.1	99.9	89.7	87.7	89.7	87.7
10°	189.7	177.5	150.9	128.5	106.1	91.8	77.5	67.3	67.3	67.3	69.4
12.5°	189.7	171.3	142.8	116.3	91.8	75.5	61.2	51.0	49.0	49.0	49.0
15°	187.7	167.3	134.6	102.0	77.5	57.1	44.9	34.7	34.7	34.7	34.7
17.5°	183.6	161.1	124.4	89.7	61.2	42.8	30.6	20.4	20.4	24.5	24.5
20°	179.5	155.0	112.2	73.4	51.0	32.6	20.4	12.2	12.2	18.4	20.4
22.5°	181.5	155.0	104.0	65.3	40.8	24.5	16.3	10.2	8.2	14.3	18.4
25°	183.6	150.9	93.8	57.1	30.6	18.4	12.2	4.1	2.0	4.1	6.1
27.5°	183.6	146.9	81.6	44.9	22.4	14.3	6.1	0.0	0.0	0.0	0.0
30°	181.5	140.7	71.4	36.7	16.3	8.2	2.0	0.0	0.0	0.0	0.0
32.5°	179.5	134.6	65.3	28.6	14.3	4.1	0.0	0.0	0.0	0.0	0.0
35°	181.5	126.5	57.1	22.4	8.2	0.0	0.0	0.0	0.0	0.0	4.1
37.5°	187.7	118.3	49.0	18.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	195.8	112.2	40.8	14.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	212.1	112.2	36.7	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	232.5	112.2	30.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	259.0	114.2	26.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	291.7	118.3	24.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	316.2	114.2	22.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	359.0	110.1	20.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	416.1	104.0	20.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*473.2*	*95.9*	*20.4*	*2.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	538.5	91.8	18.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	889.3	81.6	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1717.4	77.5	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2776.1	77.5	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2918.8	77.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1941.8	63.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1040.3	57.1	6.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	560.9	53.0	8.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	246.8	38.8	10.2	6.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	97.9	26.5	12.2	10.2	8.2	4.1	0.0	0.0	0.0	0.0	0.0
85°	46.9	20.4	16.3	14.3	10.2	6.1	0.0	0.0	0.0	0.0	0.0
87.5°	22.4	20.4	18.4	16.3	14.3	10.2	2.0	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

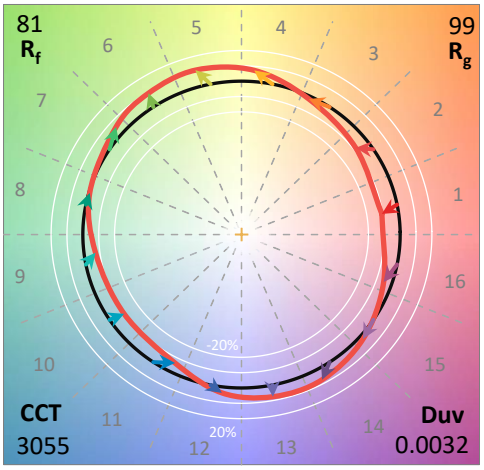
Test Information

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

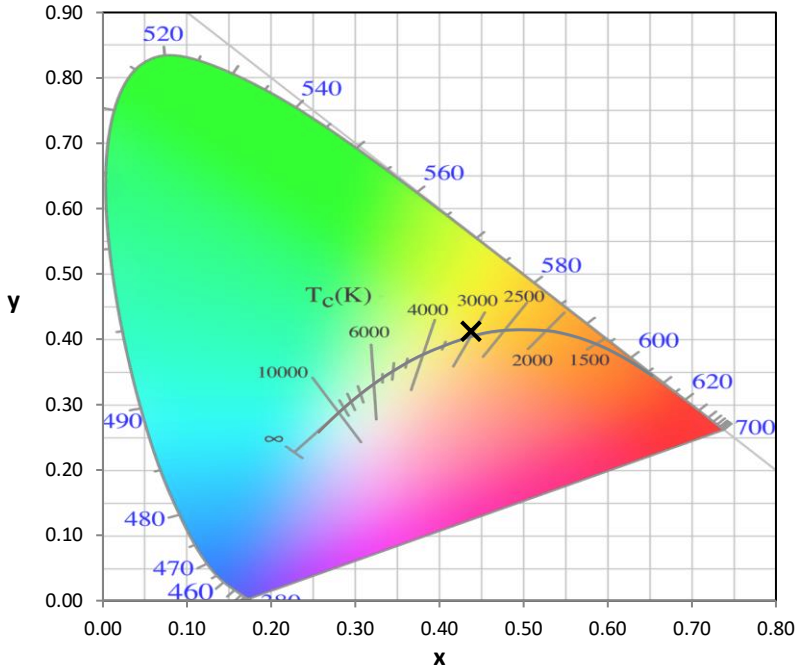
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

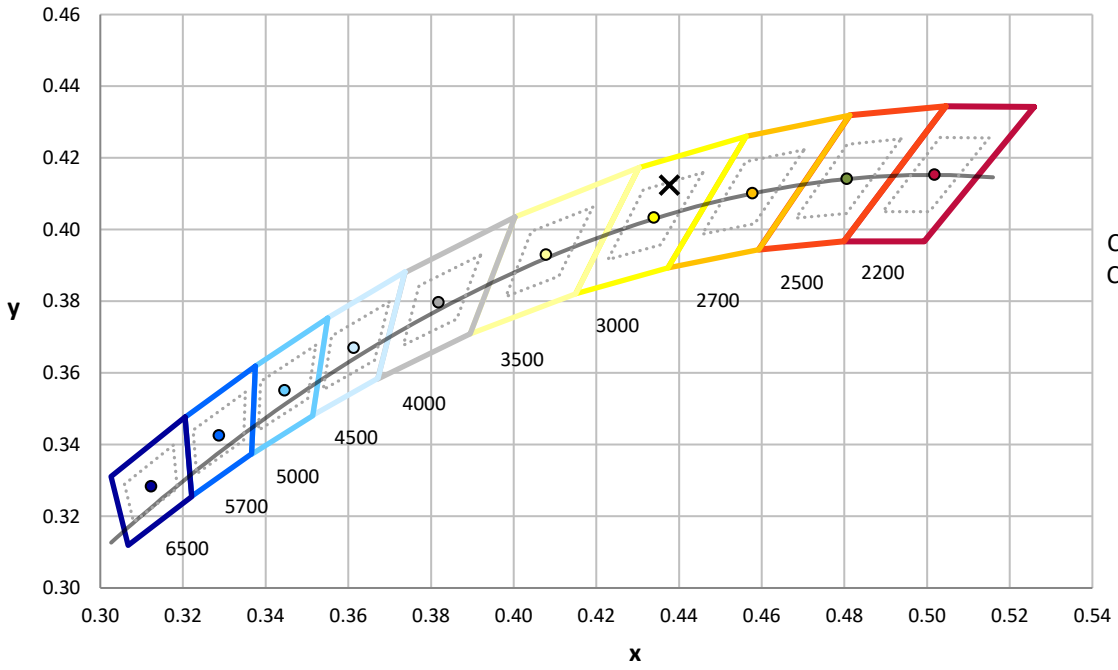
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

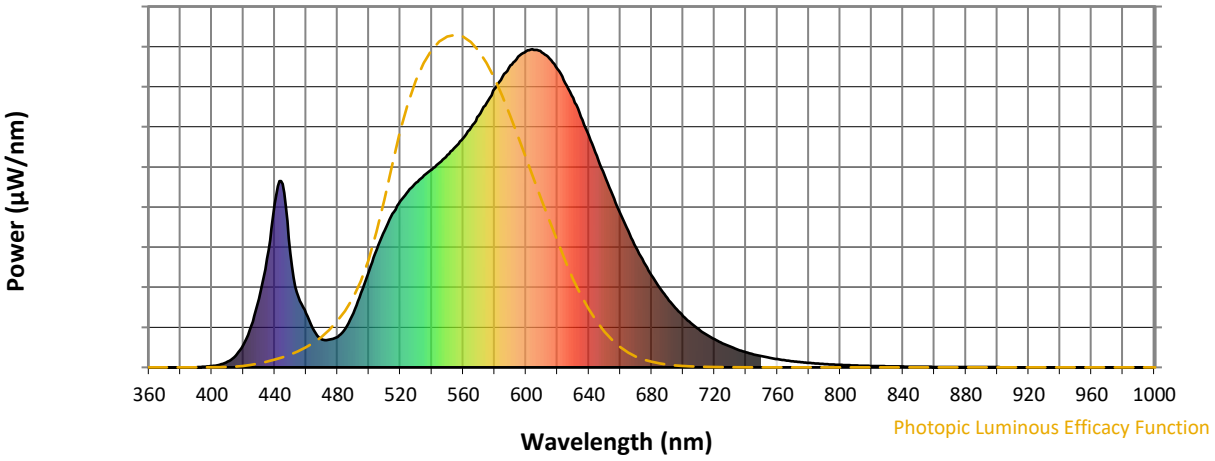


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

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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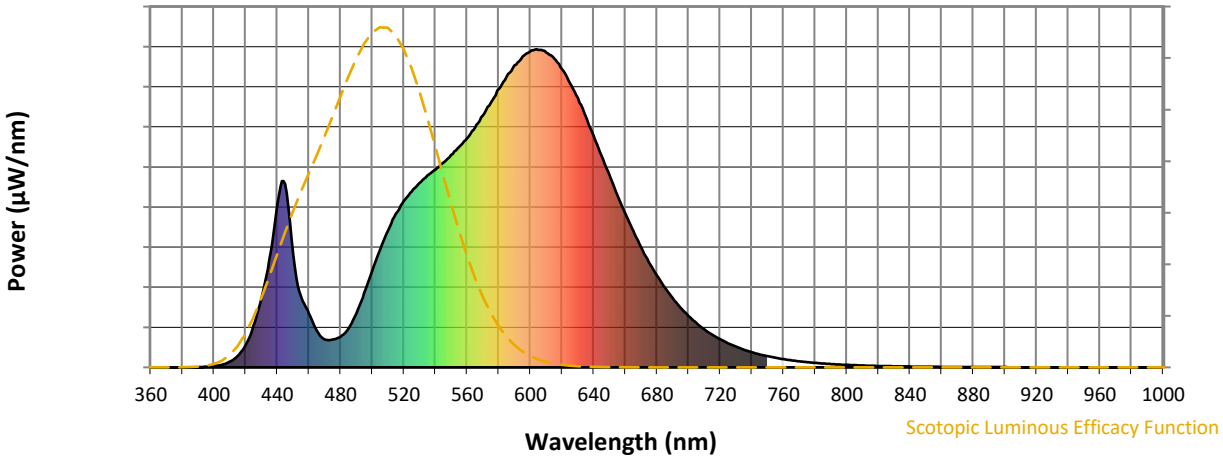
Scotopic Flux vs. Wavelength



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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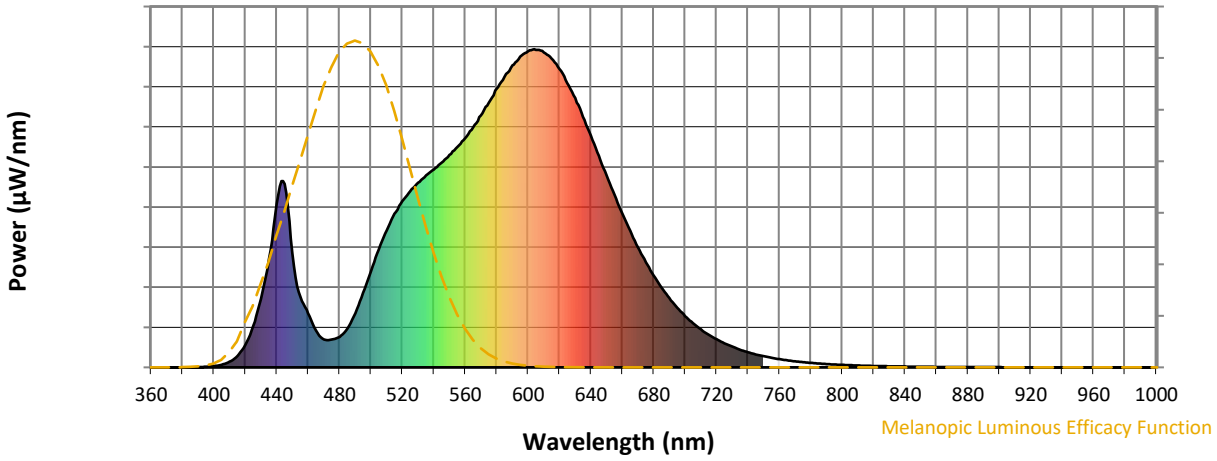
Melanopic Flux vs. Wavelength



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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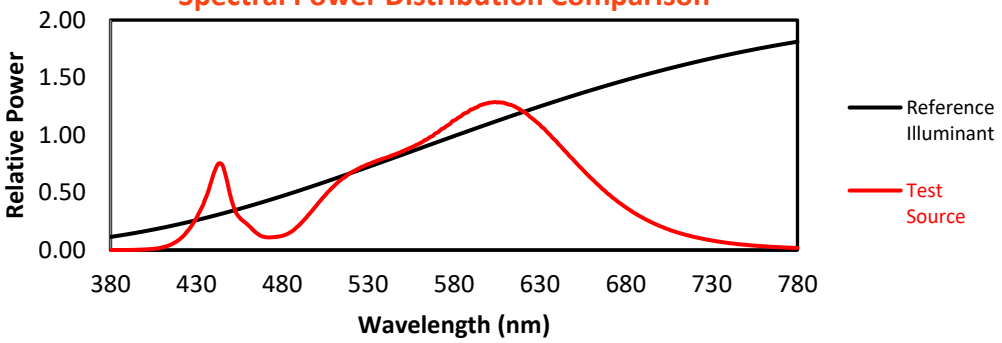
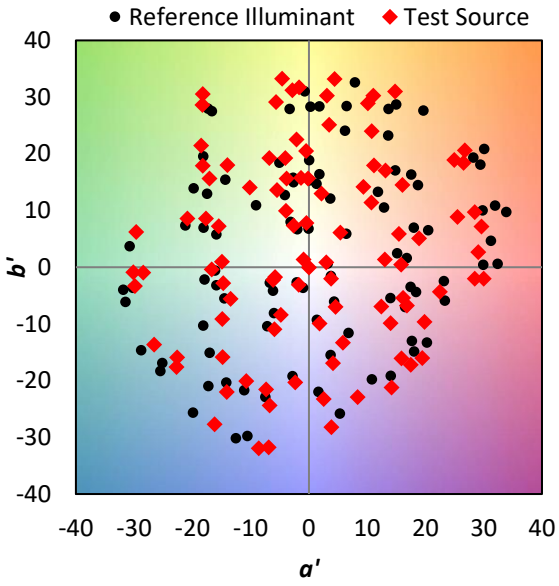
Summary

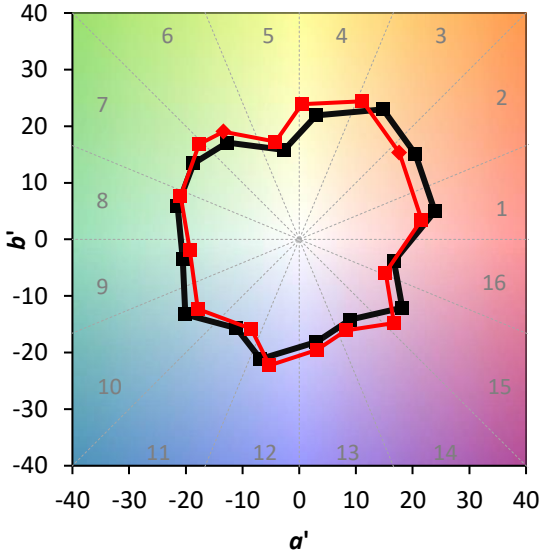
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

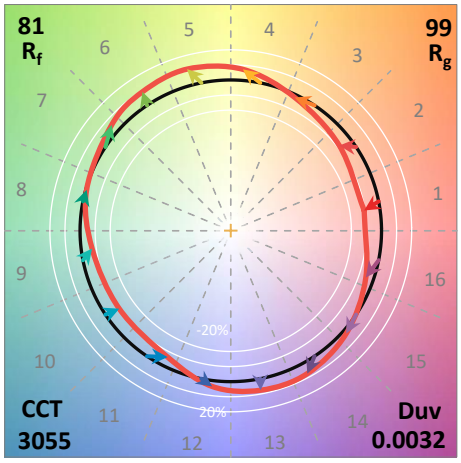
Spectral Power Distribution Comparison

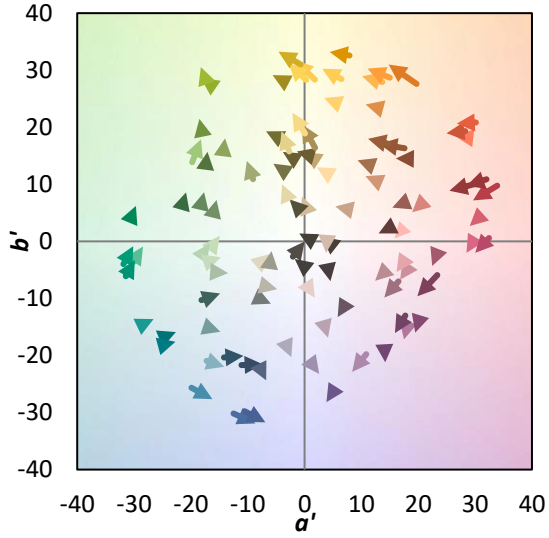


Color Vector Graphics









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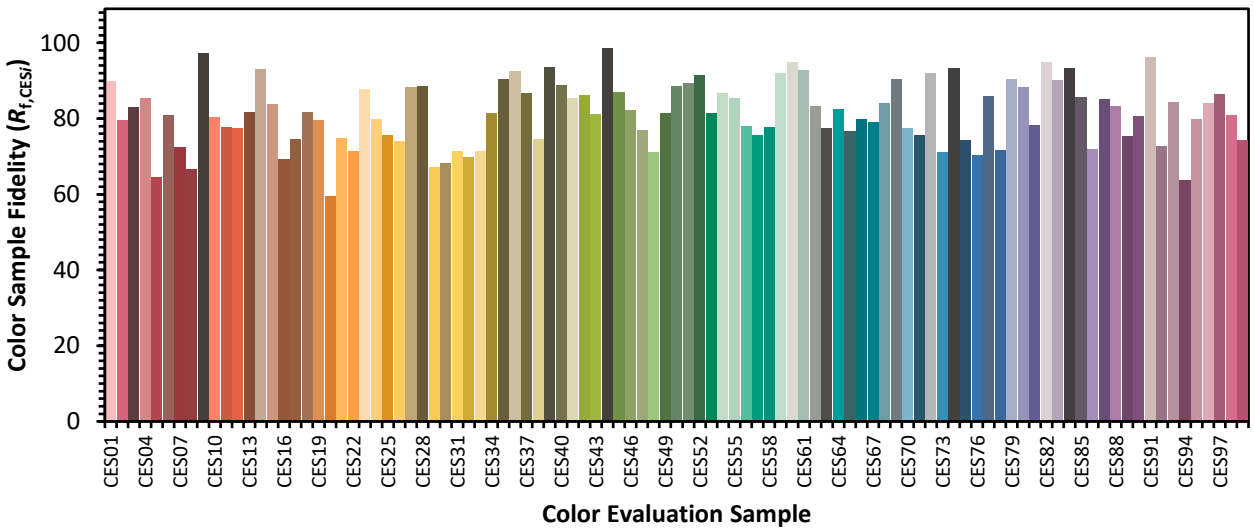
Individual Sample Fidelity Index ($R_{f,i}$)

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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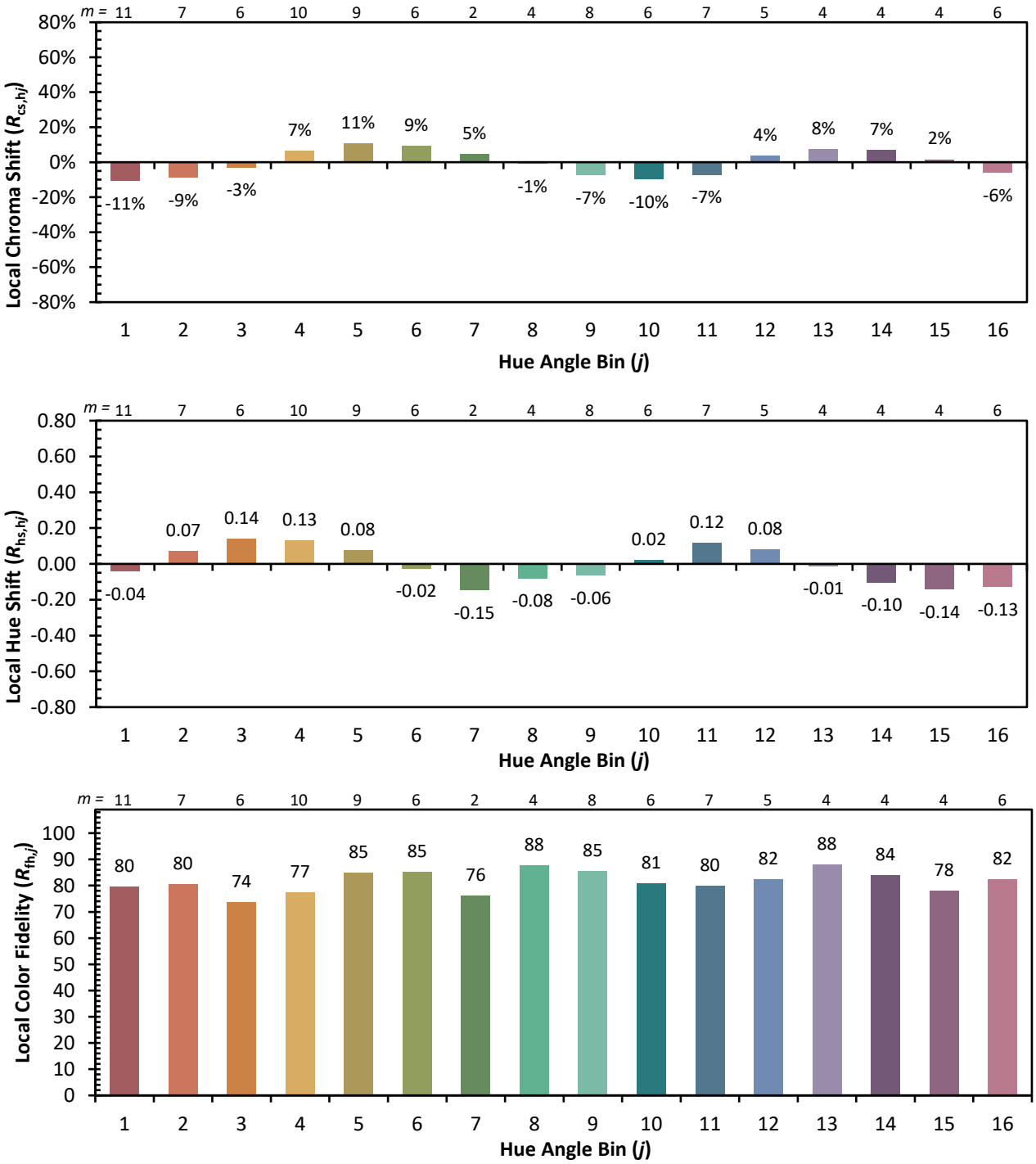
Color Rendition by Hue-Angle Bin



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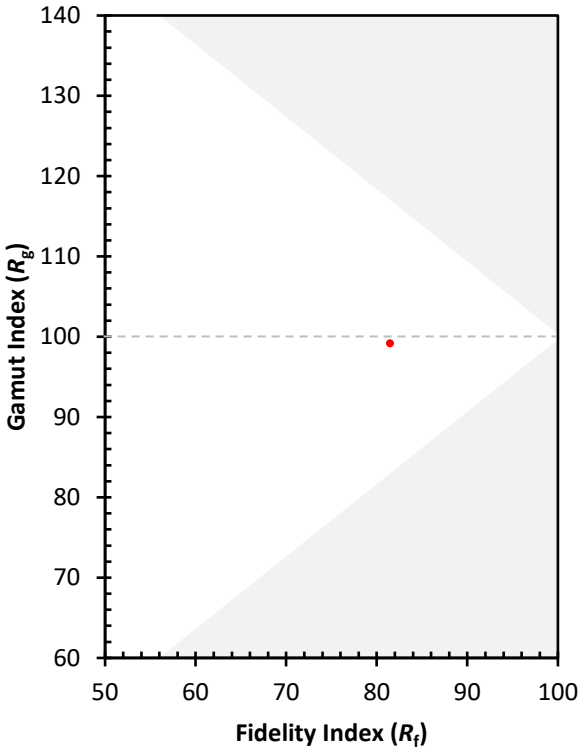
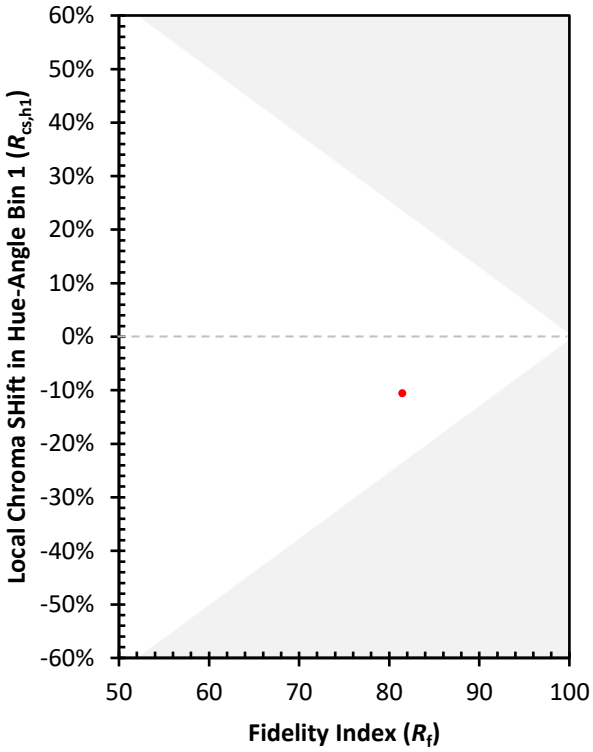
Measure Comparisons





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