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: P856329

Luminaire Tested: **FFX-CLB-70-722-U-VM8**

Issue Date: 07/16/2024

Report Generated By 670245763

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:	P856329
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-70-722-U-VM8
Description:	FAIRFAX POST TOP FIXTURE w/ ULA ACORN 8 INCH NECK
Light Source:	(6) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9575.5 lumens
Efficiency:	N/A
Efficacy:	136.2 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.33' x H: 2.08')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G4

Input Watts (W):	70.3
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	7.1%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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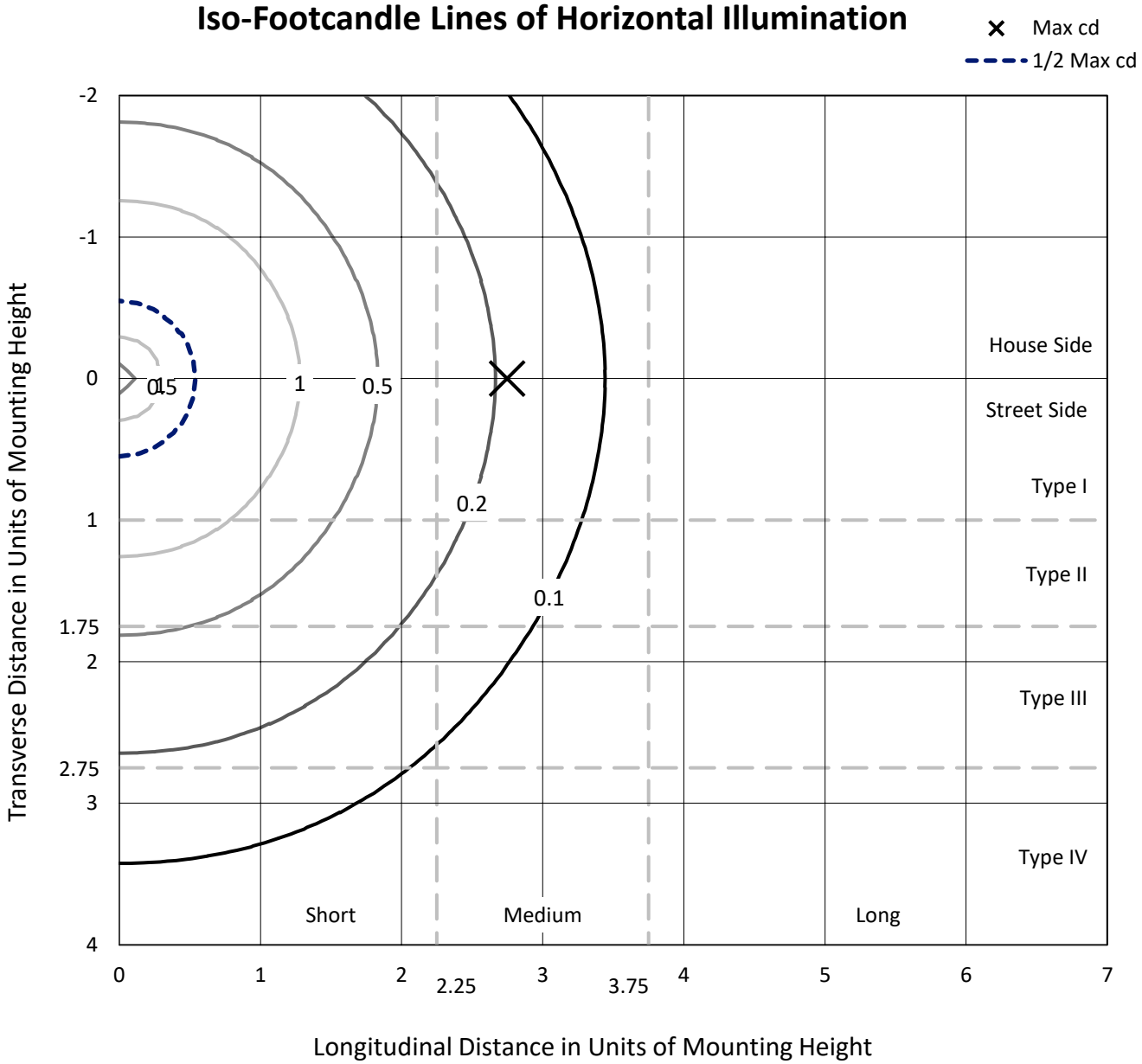
REPORT NUMBER: P856329
CATALOG NUMBER: FFX-CLB-70-722-U-VM8

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
Type V - Short - N/A

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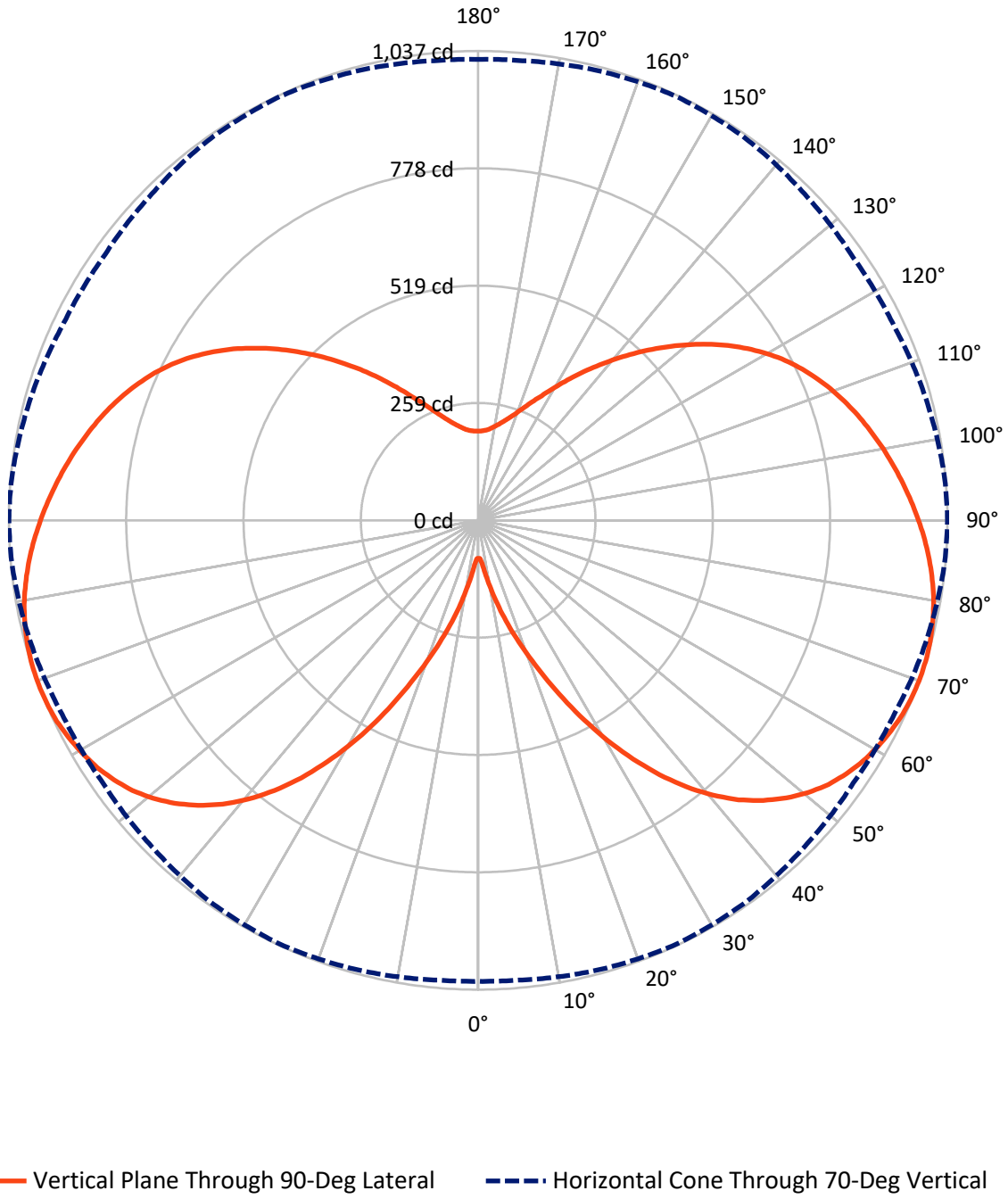
Luminous Intensity Polar Plot



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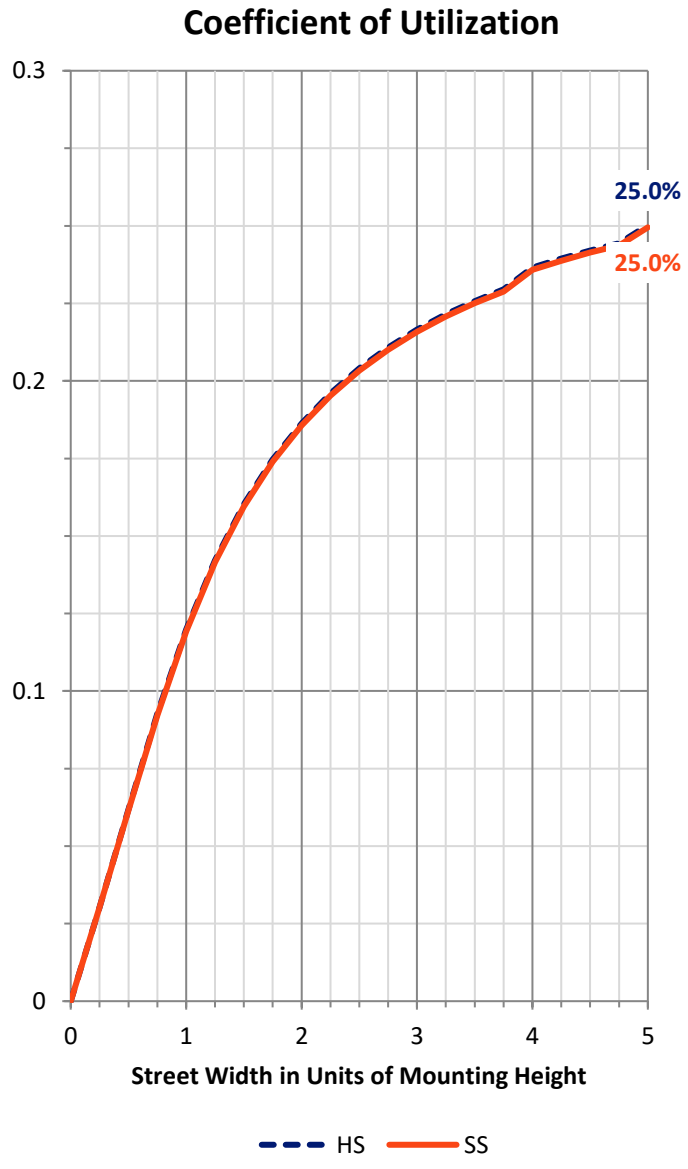
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2711.7	2076.0	4787.7
	% Fixture	28.3	21.7	50.0
Street Side	Lumens	2711.7	2076.0	4787.7
	% Fixture	28.3	21.7	50.0
Total	Lumens	5423.4	4152.1	9575.5
	% Fixture	56.6	43.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.3	0.1
10°-20°	68.5	0.7
20°-30°	204.5	2.1
30°-40°	427.7	4.5
40°-50°	671.2	7.0
50°-60°	871.3	9.1
60°-70°	1008.6	10.5
70°-80°	1079.7	11.3
80°-90°	1080.6	11.3
90°-100°	1019.1	10.6
100°-110°	911.8	9.5
110°-120°	766.7	8.0
120°-130°	588.1	6.1
130°-140°	402.4	4.2
140°-150°	245.5	2.6
150°-160°	134.2	1.4
160°-170°	65.1	0.7
170°-180°	19.4	0.2
0°-90°	5423.4	56.6
0°-180°	9575.5	100.0



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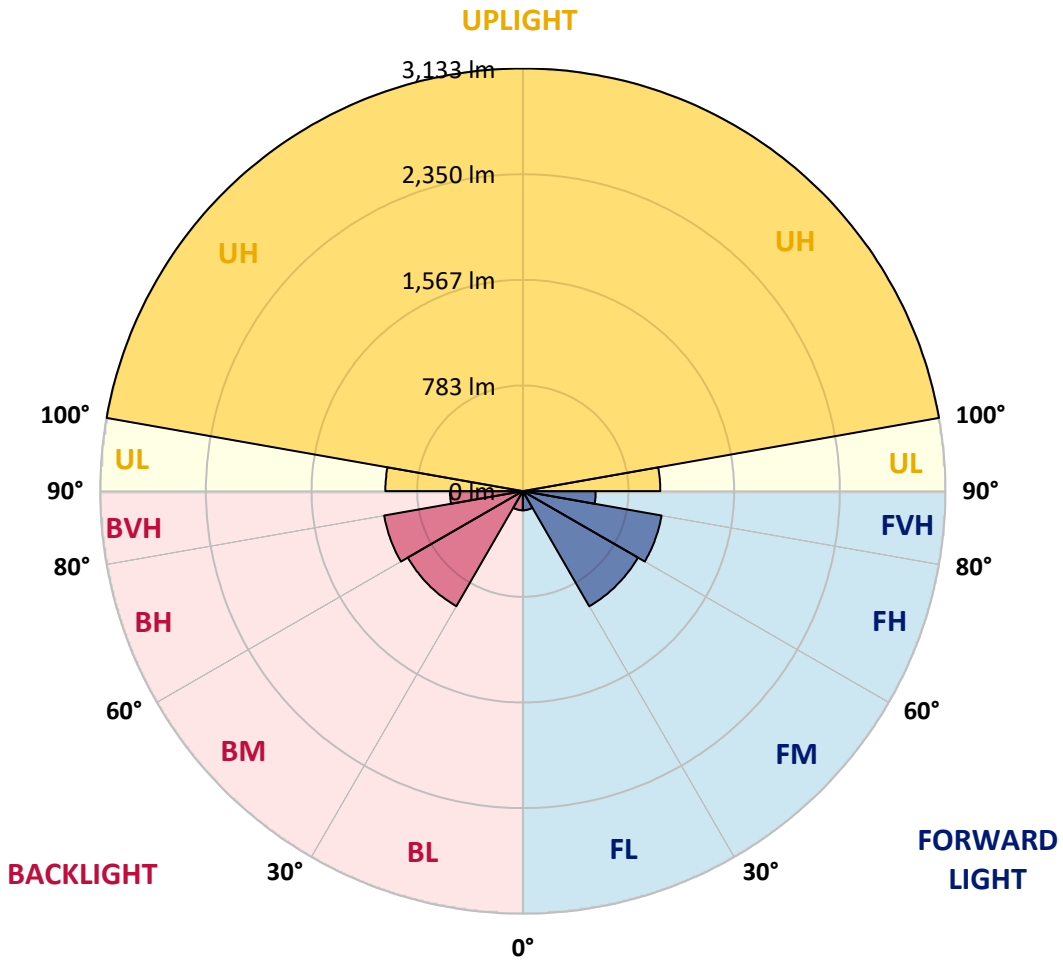
REPORT NUMBER: P856329
CATALOG NUMBER: FFX-CLB-70-722-U-VM8

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	142.2	1.5			
FM	(30°-60°)	985.1	10.3			
FH	(60°-80°)	1044.1	10.9			G1/1800
FVH	(80°-90°)	540.3	5.6			G4/750
BL	(0°-30°)	142.2	1.5	B1/500		
BM	(30°-60°)	985.1	10.3	B1/1000		
BH	(60°-80°)	1044.1	10.9	B3/2500		G1/1800
BVH	(80°-90°)	540.3	5.6			G4/750
UL	(90°-100°)	1019.1	10.6		U5	
UH	(100°-180°)	3133.0	32.7		U5	

BUG Rating: B3-U5-G4
Type V Short



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REPORT NUMBER: P856329
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	*84.1*
2.5°	87.8	87.8	87.1	87.1	86.5	85.9	85.9	85.9	85.3	85.3	*84.7*
5°	100.0	99.4	99.4	98.8	99.4	98.8	98.8	98.8	98.8	97.6	*97.6*
7.5°	124.0	123.3	123.3	122.7	124.0	122.7	122.7	123.3	123.3	122.7	*122.7*
10°	155.3	154.6	154.6	153.4	154.6	154.0	154.0	152.8	153.4	152.8	*153.4*
12.5°	192.7	190.9	190.9	190.2	191.5	190.9	190.2	189.0	190.2	189.6	*189.6*
15°	231.4	232.0	231.4	230.7	232.0	232.0	231.4	230.1	231.4	230.1	*230.7*
17.5°	274.3	274.3	274.3	272.5	274.3	274.9	274.3	273.1	273.7	274.3	*274.3*
20°	321.0	321.0	321.6	320.3	323.4	321.6	321.0	320.3	321.0	321.6	*322.2*
22.5°	372.5	372.5	373.1	372.5	374.3	374.3	373.7	373.7	374.3	375.6	*375.6*
25°	429.6	430.2	430.2	428.3	432.6	433.9	432.6	432.6	433.9	435.7	*435.7*
27.5°	488.5	490.9	489.7	489.7	495.2	495.9	495.2	495.9	497.7	499.5	*500.1*
30°	549.2	551.1	553.5	551.7	557.8	558.4	559.1	559.7	562.1	565.2	*565.2*
32.5°	610.0	611.8	613.1	613.1	621.0	620.4	619.8	622.3	626.0	627.2	*629.0*
35°	670.8	670.8	672.0	672.6	680.6	680.0	681.2	683.0	686.7	689.2	*690.4*
37.5°	725.4	724.1	727.2	728.4	734.6	735.2	735.8	738.9	743.2	746.2	*747.5*
40°	775.1	773.8	777.5	779.4	784.9	784.9	786.1	789.8	794.7	797.8	*798.4*
42.5°	819.3	818.6	822.3	824.8	830.3	829.7	829.1	834.0	839.5	843.2	*844.4*
45°	857.3	856.7	861.6	864.7	869.0	867.7	867.7	872.0	878.2	882.5	*883.1*
47.5°	889.8	889.8	895.4	899.0	902.7	900.9	899.7	903.9	910.1	916.2	*916.8*
50°	918.7	918.1	924.2	928.5	931.6	929.1	927.3	931.6	938.3	944.5	*945.7*
52.5°	941.4	942.6	948.7	954.3	956.7	953.0	950.0	954.3	961.6	968.4	*969.6*
55°	961.0	961.6	968.4	975.1	976.4	971.5	967.8	971.5	979.4	986.8	*988.0*
57.5°	976.4	977.6	985.6	991.7	992.3	986.8	982.5	985.6	994.2	1001.5	*1003.4*
60°	989.9	991.1	998.5	1005.2	1005.8	999.1	993.5	996.0	1005.2	1013.8	*1015.0*
62.5°	1000.3	1002.1	1010.1	1016.3	1016.3	1008.3	1001.5	1004.0	1013.8	1023.0	*1024.2*
65°	1008.9	1010.7	1018.7	1024.8	1024.2	1015.0	1007.7	1010.1	1020.5	1029.8	*1031.6*
67.5°	1015.0	1016.3	1024.8	1031.0	1028.5	1018.7	1011.3	1013.2	1024.2	1033.4	*1035.3*
70°	*1018.7*	*1019.9*	*1028.5*	*1034.0*	*1030.4*	*1019.9*	*1012.0*	*1014.4*	*1025.5*	*1035.3*	*1037.1*
72.5°	1020.5	1022.4	1030.4	1035.3	1031.0	1019.3	1010.7	1013.8	1024.8	1035.3	*1036.5*
75°	1019.9	1021.2	1029.1	1033.4	1027.9	1016.9	1007.7	1010.7	1022.4	1031.6	*1033.4*
77.5°	1016.9	1018.1	1025.5	1029.1	1022.4	1011.3	1002.8	1005.8	1016.9	1026.1	*1027.9*
80°	1012.0	1013.2	1019.9	1022.4	1015.6	1004.6	996.6	999.7	1010.1	1018.7	*1020.5*
82.5°	1004.0	1005.8	1012.0	1013.2	1005.8	996.0	988.0	991.1	1000.9	1008.9	*1010.1*
85°	994.2	995.4	1000.9	1001.5	994.2	985.6	978.8	981.9	990.5	996.6	*998.5*
87.5°	983.1	983.1	988.6	988.6	980.7	972.7	967.8	970.2	978.2	983.1	*985.0*
90°	969.6	970.2	973.9	973.3	965.9	959.2	954.9	958.0	964.7	969.0	*970.2*
92.5°	954.9	955.5	958.6	957.3	950.0	944.5	940.8	944.5	950.6	953.7	*954.9*
95°	938.9	939.5	942.0	939.5	932.8	928.5	925.4	929.7	934.6	937.7	*938.9*
97.5°	922.4	923.0	924.8	922.4	915.0	911.3	910.1	913.8	918.7	921.1	*922.4*
100°	905.2	905.2	906.4	902.7	896.6	893.5	892.9	897.2	902.1	904.6	*905.8*
102.5°	886.2	886.8	886.8	883.1	876.9	875.1	875.1	880.0	884.9	886.8	*888.0*
105°	866.5	866.5	866.5	863.4	856.7	855.5	856.1	861.0	866.5	869.0	*870.2*
107.5°	845.0	845.6	844.4	841.4	835.8	834.6	835.8	842.6	847.5	849.9	*851.2*
110°	822.3	822.9	822.3	818.6	813.7	813.1	815.0	821.7	826.6	829.1	*830.9*

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Scaled Data Report

REPORT NUMBER: P856329
CATALOG NUMBER: FFX-CLB-70-722-U-VM8

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	798.4	799.0	798.4	795.3	790.4	790.4	792.9	799.6	805.1	807.0	*808.8*
115°	773.2	773.8	772.6	770.2	765.3	766.5	768.9	775.7	781.2	783.1	*785.5*
117.5°	746.2	746.8	746.2	743.2	738.9	740.1	743.8	750.5	755.4	757.3	*759.7*
120°	716.8	716.8	716.8	713.7	709.4	711.9	715.5	722.9	727.2	728.4	*730.9*
122.5°	686.7	685.5	685.5	683.6	678.7	681.8	685.5	692.8	697.1	697.8	*699.6*
125°	653.6	654.2	652.3	651.1	646.8	650.5	653.6	660.9	664.6	665.2	*667.1*
127.5°	618.0	619.8	618.0	616.1	613.1	616.7	620.4	627.2	630.2	630.9	*632.1*
130°	584.8	584.8	583.0	581.8	578.7	582.4	586.1	592.2	595.3	595.3	*596.5*
132.5°	551.7	549.9	549.2	548.0	544.3	548.6	551.1	557.2	559.7	559.1	*560.3*
135°	515.5	515.5	513.6	513.0	510.0	514.3	516.7	522.2	524.1	523.5	*524.7*
137.5°	481.7	481.7	480.5	479.3	477.4	481.1	483.6	487.9	489.7	487.9	*489.7*
140°	448.6	448.6	448.0	446.8	444.9	448.6	450.4	454.1	456.0	454.1	*455.3*
142.5°	417.9	416.7	416.1	415.5	413.0	416.7	417.9	421.6	422.2	421.0	*422.8*
145°	385.4	386.0	385.4	384.8	382.9	386.0	387.2	390.3	390.9	389.7	*391.5*
147.5°	358.4	356.5	357.2	356.5	354.7	357.8	358.4	360.2	361.5	360.2	*361.5*
150°	331.4	330.2	330.2	329.5	328.3	330.8	331.4	333.2	333.8	332.6	*333.8*
152.5°	307.5	306.8	306.8	306.2	305.0	306.8	307.5	308.7	309.3	308.1	*308.7*
155°	286.0	285.4	285.4	284.7	283.5	285.4	285.4	286.6	287.2	286.6	*287.2*
157.5°	267.0	266.3	266.3	266.3	265.1	266.3	266.3	267.6	267.6	267.0	*267.6*
160°	251.6	250.4	251.0	250.4	249.2	250.4	250.4	251.0	251.0	251.0	*251.0*
162.5°	237.5	237.5	237.5	236.9	236.3	236.9	236.9	237.5	237.5	237.5	*236.9*
165°	226.4	226.4	226.4	225.8	225.2	225.8	225.8	225.8	225.8	225.8	*225.8*
167.5°	217.2	216.6	217.2	216.6	216.0	216.6	216.6	216.6	216.6	216.6	*216.6*
170°	209.3	209.3	209.3	209.3	208.7	209.3	209.3	209.3	209.3	209.3	*209.3*
172.5°	204.4	203.7	203.7	203.7	203.1	203.7	203.1	203.7	203.1	203.7	*203.1*
175°	200.1	200.1	200.1	200.1	199.4	199.4	199.4	199.4	199.4	199.4	*199.4*
177.5°	197.6	197.6	197.6	197.6	197.6	197.6	197.6	197.6	197.6	197.6	*197.6*
180°	197.0	197.0	197.0	197.0	197.0	197.0	197.0	197.0	197.0	197.0	*197.0*

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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2406-133-2

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-722-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-722-U-FR-T5.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.03

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

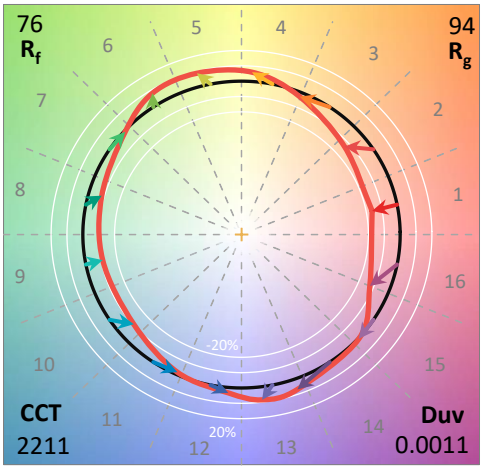
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-2
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	07/12/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Streetworks
Catalog Number:	**FFX-CLB-100-722-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	2211
CIE u':	0.2892
CIE v':	0.5376
Duv:	0.0011
CIE x:	0.5069
CIE y:	0.4188
CIE z:	0.0743
Peak Wavelength (nm):	606
Dominant Wavelength (nm):	586
Purity:	77.8805
Rf:	76.1
Rg:	94.3

CRI (Ra):	71.4				
R1:	68.2	R9:	-29.2		
R2:	85.0	R10:	67.8		
R3:	94.0	R11:	60.7		
R4:	65.1	R12:	59.0		
R5:	66.6	R13:	71.3		
R6:	81.8	R14:	97.6		
R7:	73.4	R15:	58.9		
R8:	37.3				



Test Conditions

Stabilization Time:	0.813563M
Operation Time:	1H
Sphere Temperature (°C):	24.7

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: SP1-2406-133-2

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

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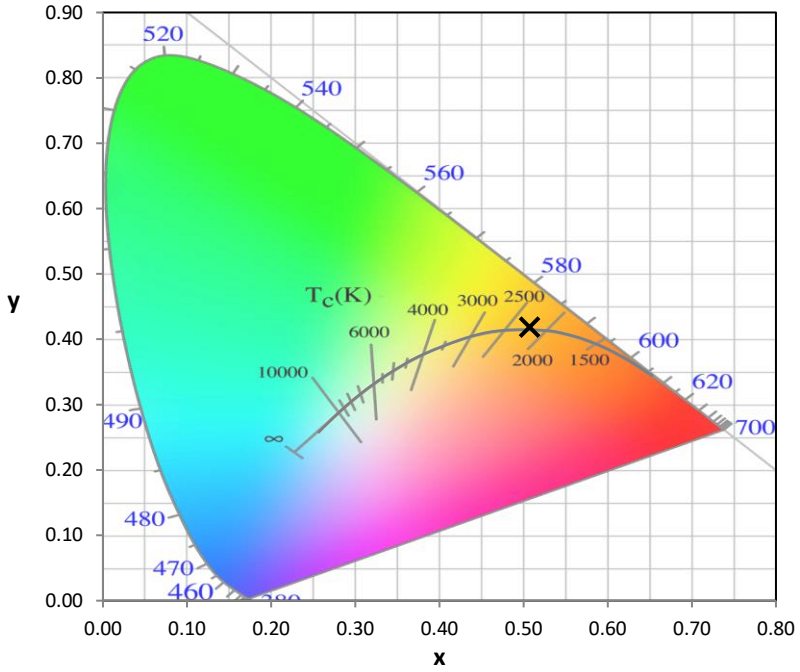
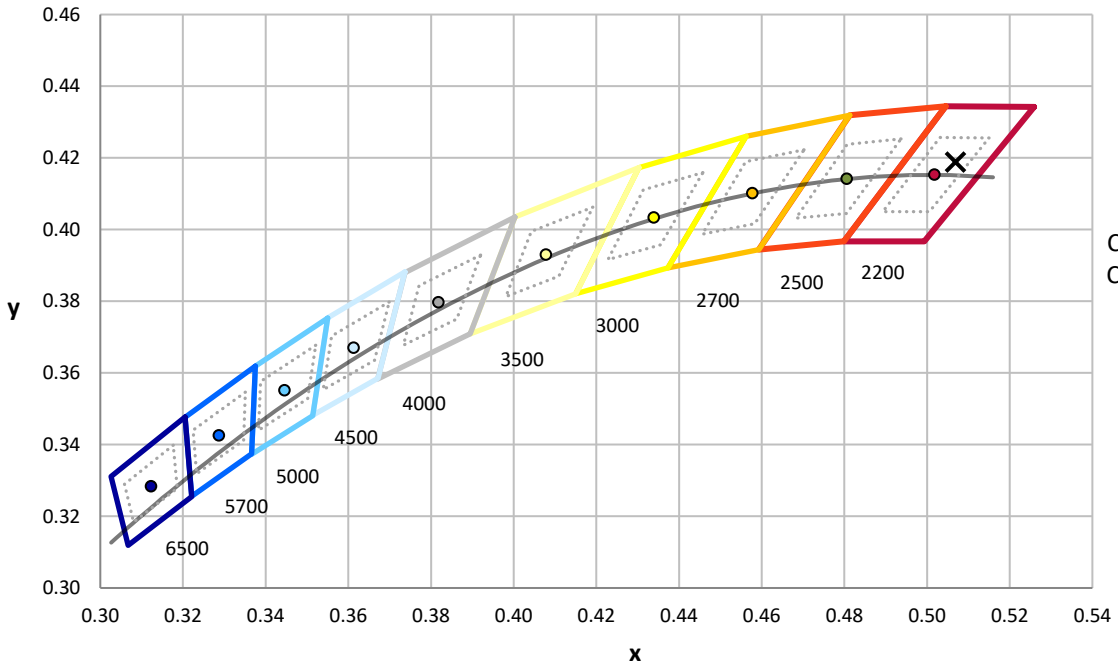
CIE 1931 Chromaticity Diagram



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



CCT = 2211K
CIE x = 0.5069
CIE y = 0.4188
Duv = 0.0011

Point lies inside the ANSI 2200K 4-step quadrangle

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1121 Highway 74 South
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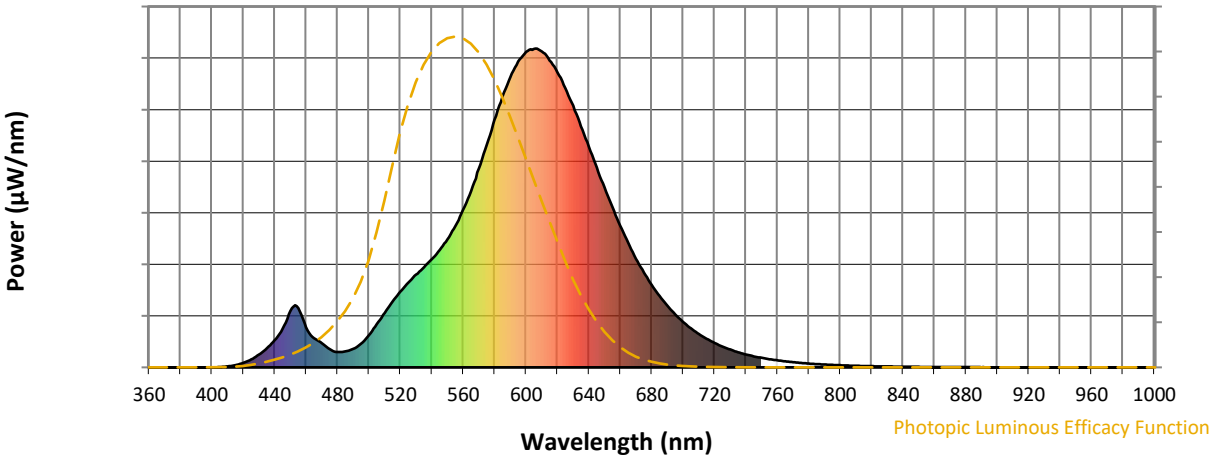
Photopic Flux vs. Wavelength



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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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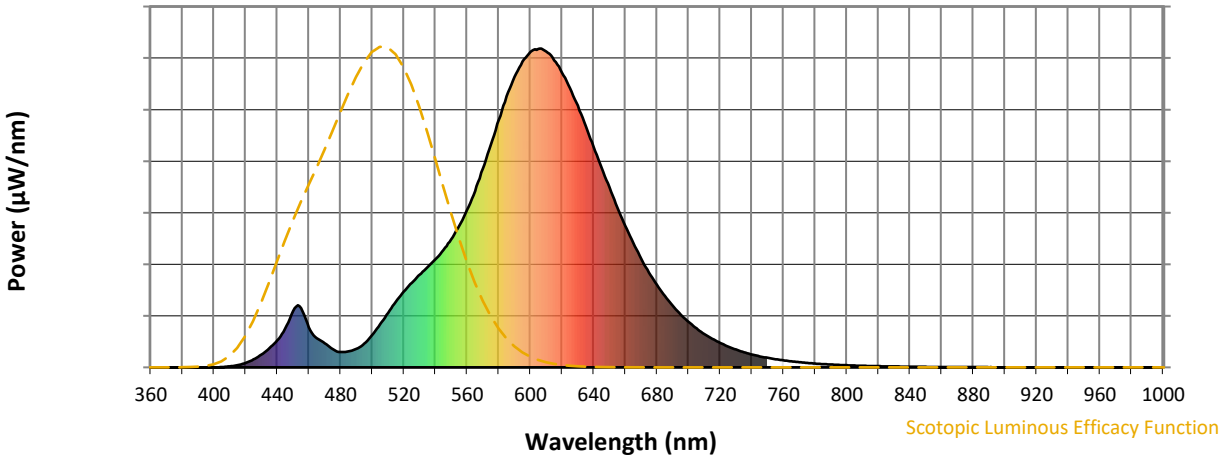
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 0.87**

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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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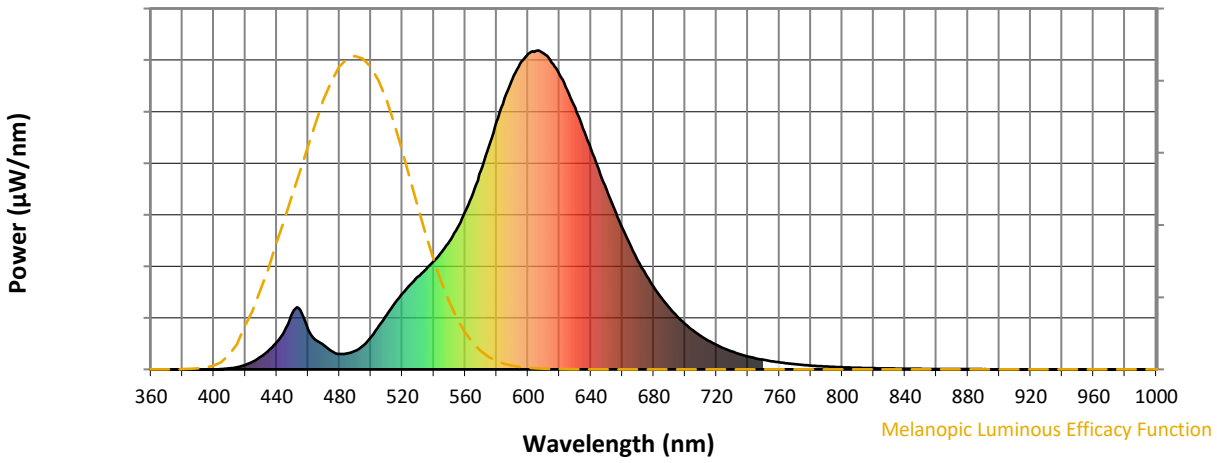
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.42**

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	58	NR	620	925	NR	750	30	NR	880	1	NR
365	0	NR	495	75	NR	625	877	NR	755	26	NR	885	1	NR
370	0	NR	500	101	NR	630	821	NR	760	22	NR	890	1	NR
375	0	NR	505	135	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	171	NR	640	692	NR	770	16	NR	900	0	NR
385	0	NR	515	206	NR	645	626	NR	775	14	NR	905	0	NR
390	0	NR	520	238	NR	650	564	NR	780	12	NR	910	0	NR
395	0	NR	525	265	NR	655	502	NR	785	10	NR	915	0	NR
400	0	NR	530	291	NR	660	444	NR	790	9	NR	920	0	NR
405	1	NR	535	314	NR	665	390	NR	795	8	NR	925	0	NR
410	3	NR	540	339	NR	670	341	NR	800	7	NR	930	0	NR
415	7	NR	545	368	NR	675	298	NR	805	6	NR	935	0	NR
420	14	NR	550	401	NR	680	259	NR	810	5	NR	940	0	NR
425	25	NR	555	444	NR	685	224	NR	815	4	NR	945	0	NR
430	40	NR	560	495	NR	690	194	NR	820	4	NR	950	0	NR
435	60	NR	565	553	NR	695	166	NR	825	3	NR	955	0	NR
440	85	NR	570	623	NR	700	142	NR	830	3	NR	960	0	NR
445	121	NR	575	699	NR	705	122	NR	835	2	NR	965	0	NR
450	177	NR	580	777	NR	710	105	NR	840	2	NR	970	0	NR
455	186	NR	585	850	NR	715	90	NR	845	2	NR	975	0	NR
460	126	NR	590	912	NR	720	77	NR	850	2	NR	980	0	NR
465	92	NR	595	960	NR	725	65	NR	855	1	NR	985	0	NR
470	76	NR	600	990	NR	730	56	NR	860	1	NR	990	0	NR
475	57	NR	605	998	NR	735	48	NR	865	1	NR	995	0	NR
480	48	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	50	NR	615	963	NR	745	35	NR	875	1	NR			

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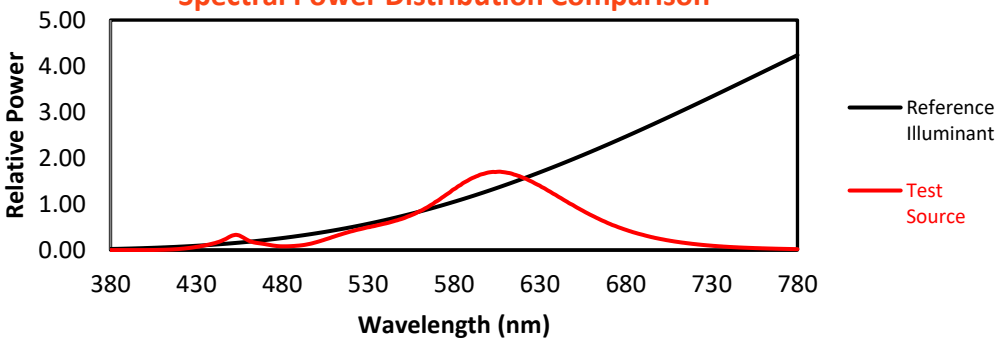
TM-30-18

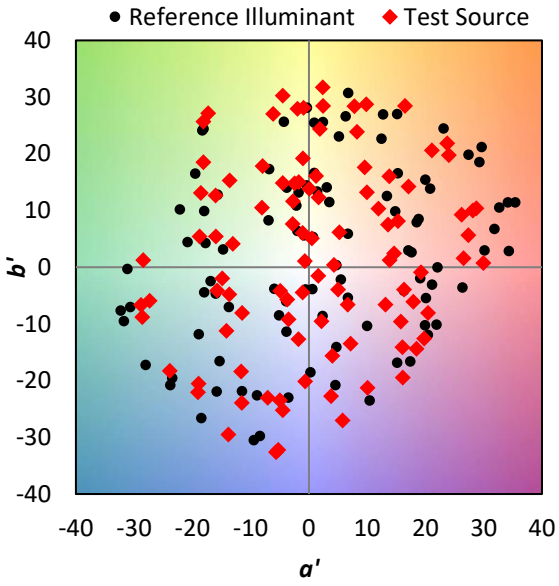
Summary

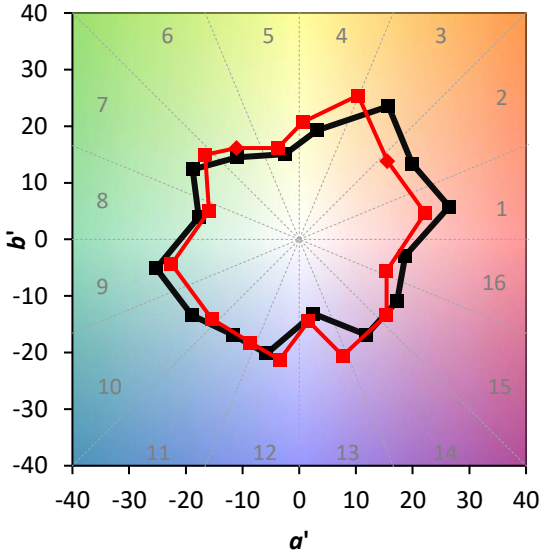
R_f = 76.1
R_g = 94.3
CIE R_a = 71.4
R_9 = -29.2

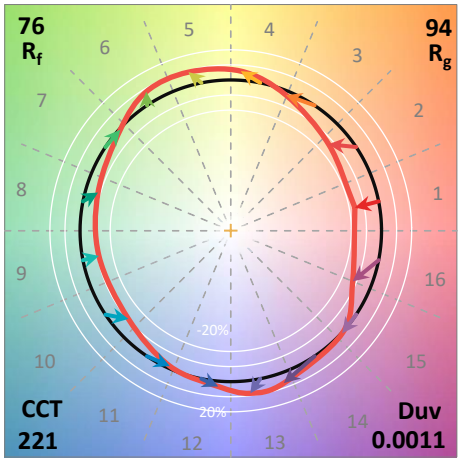
Spectral Power Distribution Comparison

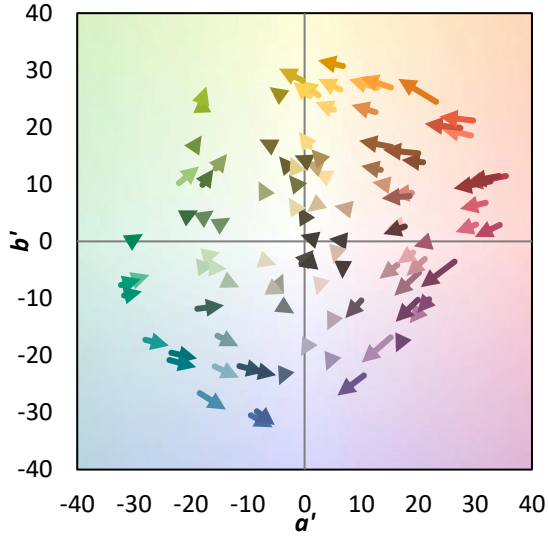


Color Vector Graphics









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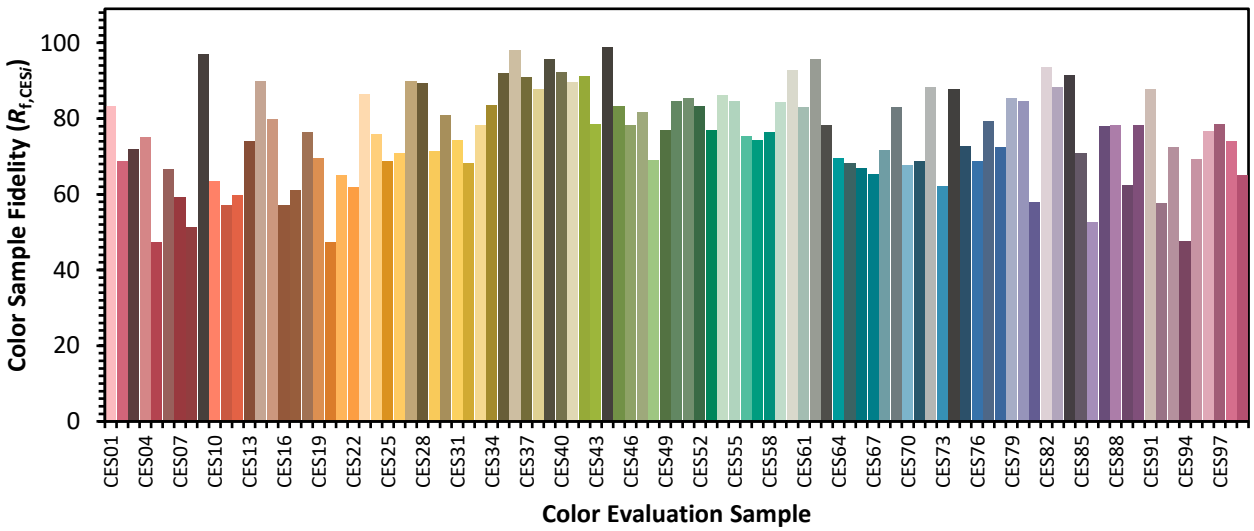
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 87	CES26 = 71	CES51 = 85	CES76 = 69
CES02 = 65	CES27 = 90	CES52 = 83	CES77 = 79
CES03 = 32	CES28 = 89	CES53 = 77	CES78 = 72
CES04 = 72	CES29 = 71	CES54 = 86	CES79 = 86
CES05 = 52	CES30 = 81	CES55 = 85	CES80 = 85
CES06 = 52	CES31 = 74	CES56 = 75	CES81 = 58
CES07 = 44	CES32 = 68	CES57 = 74	CES82 = 93
CES08 = 42	CES33 = 78	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 84	CES59 = 84	CES84 = 92
CES10 = 79	CES35 = 92	CES60 = 93	CES85 = 71
CES11 = 62	CES36 = 98	CES61 = 83	CES86 = 53
CES12 = 68	CES37 = 91	CES62 = 96	CES87 = 78
CES13 = 45	CES38 = 88	CES63 = 78	CES88 = 78
CES14 = 75	CES39 = 96	CES64 = 69	CES89 = 63
CES15 = 72	CES40 = 92	CES65 = 68	CES90 = 78
CES16 = 49	CES41 = 90	CES66 = 67	CES91 = 88
CES17 = 51	CES42 = 91	CES67 = 65	CES92 = 58
CES18 = 57	CES43 = 79	CES68 = 72	CES93 = 72
CES19 = 74	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 68	CES45 = 83	CES70 = 68	CES95 = 69
CES21 = 88	CES46 = 78	CES71 = 69	CES96 = 77
CES22 = 81	CES47 = 82	CES72 = 88	CES97 = 79
CES23 = 92	CES48 = 69	CES73 = 62	CES98 = 74
CES24 = 92	CES49 = 77	CES74 = 88	CES99 = 65
CES25 = 74	CES50 = 85	CES75 = 73	



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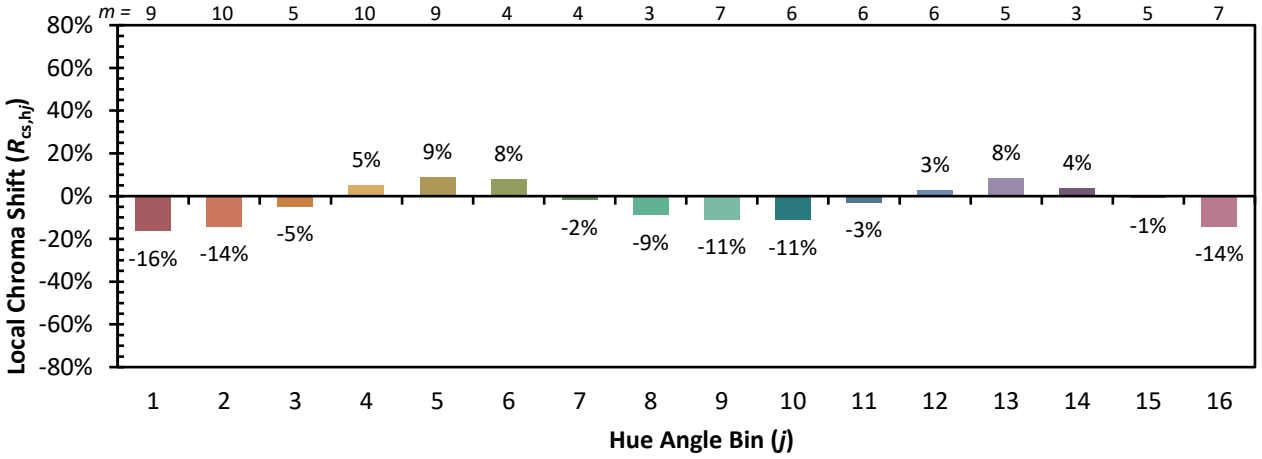
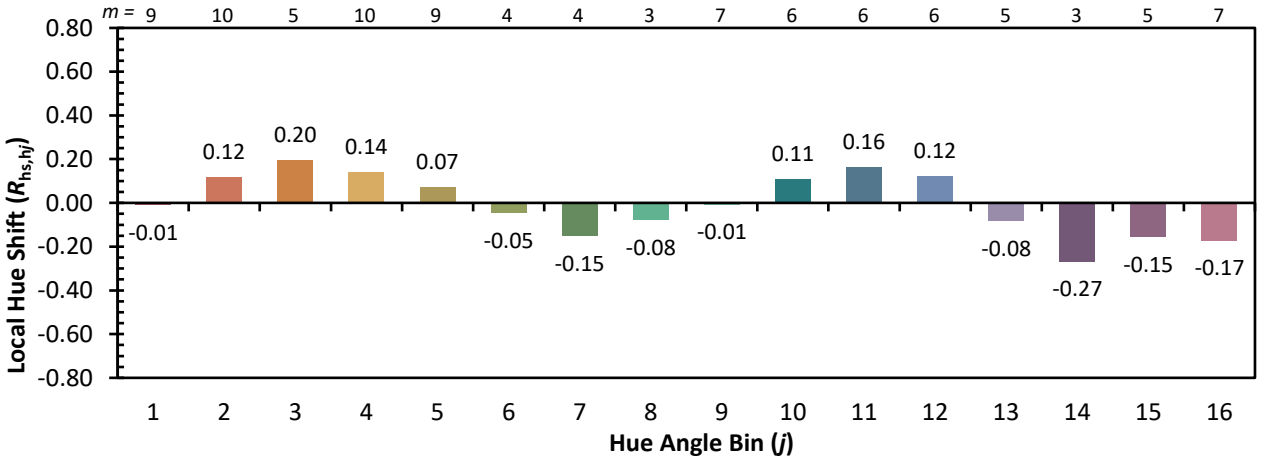
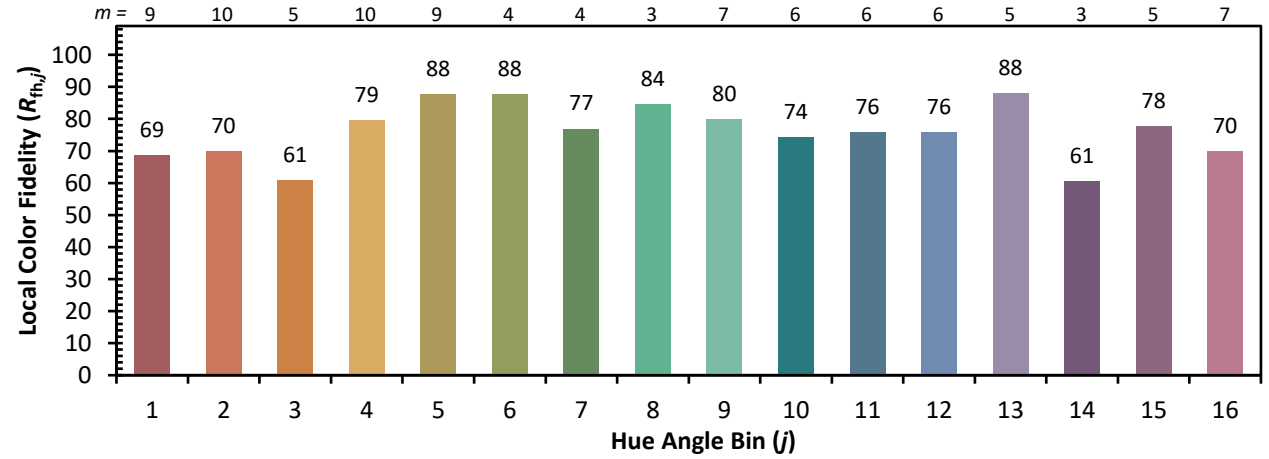
Color Rendition by Hue-Angle Bin







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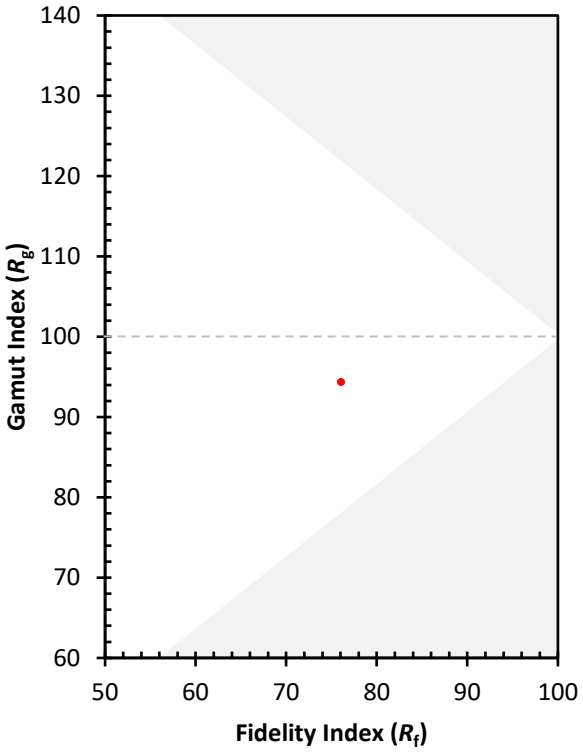
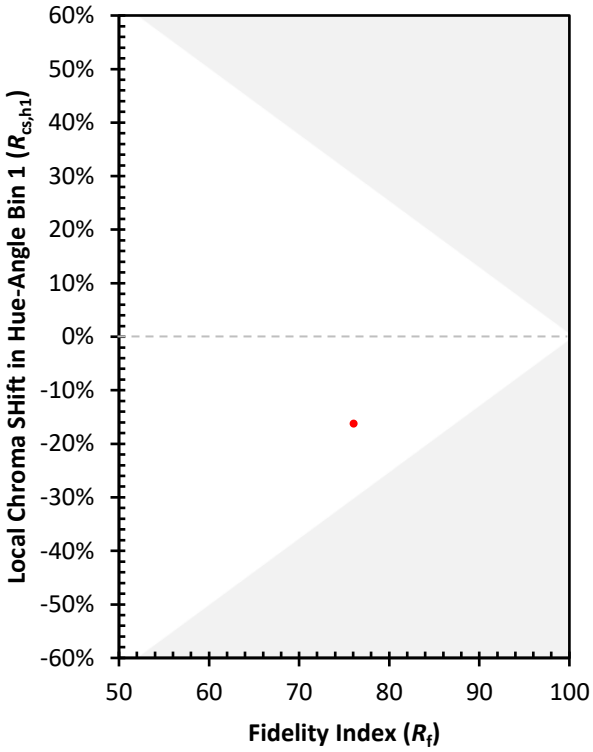
Measure Comparisons





(END OF REPORT)