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: P856259

Luminaire Tested: **FFX-CLB-50-730-U-PG**

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:	P856259
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-50-730-U-PG
Description:	FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source:	(6) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8211.9 lumens
Efficiency:	N/A
Efficacy:	162.6 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification:	Type V - Short
BUG Rating:	B3 - U5 - G4

Input Watts (W):	50.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.0%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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REPORT NUMBER: P856259
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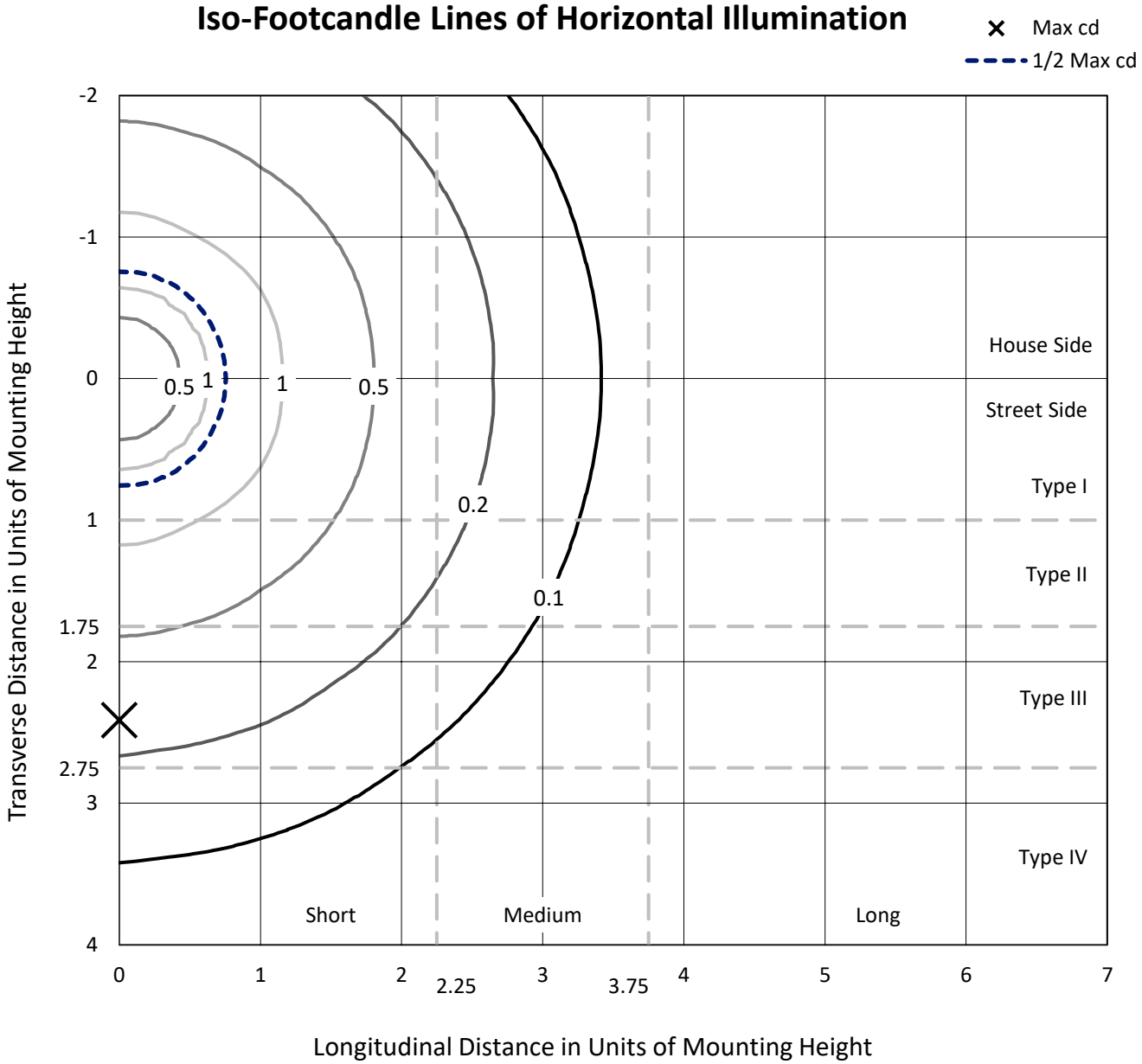
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
Type V - Short - N/A

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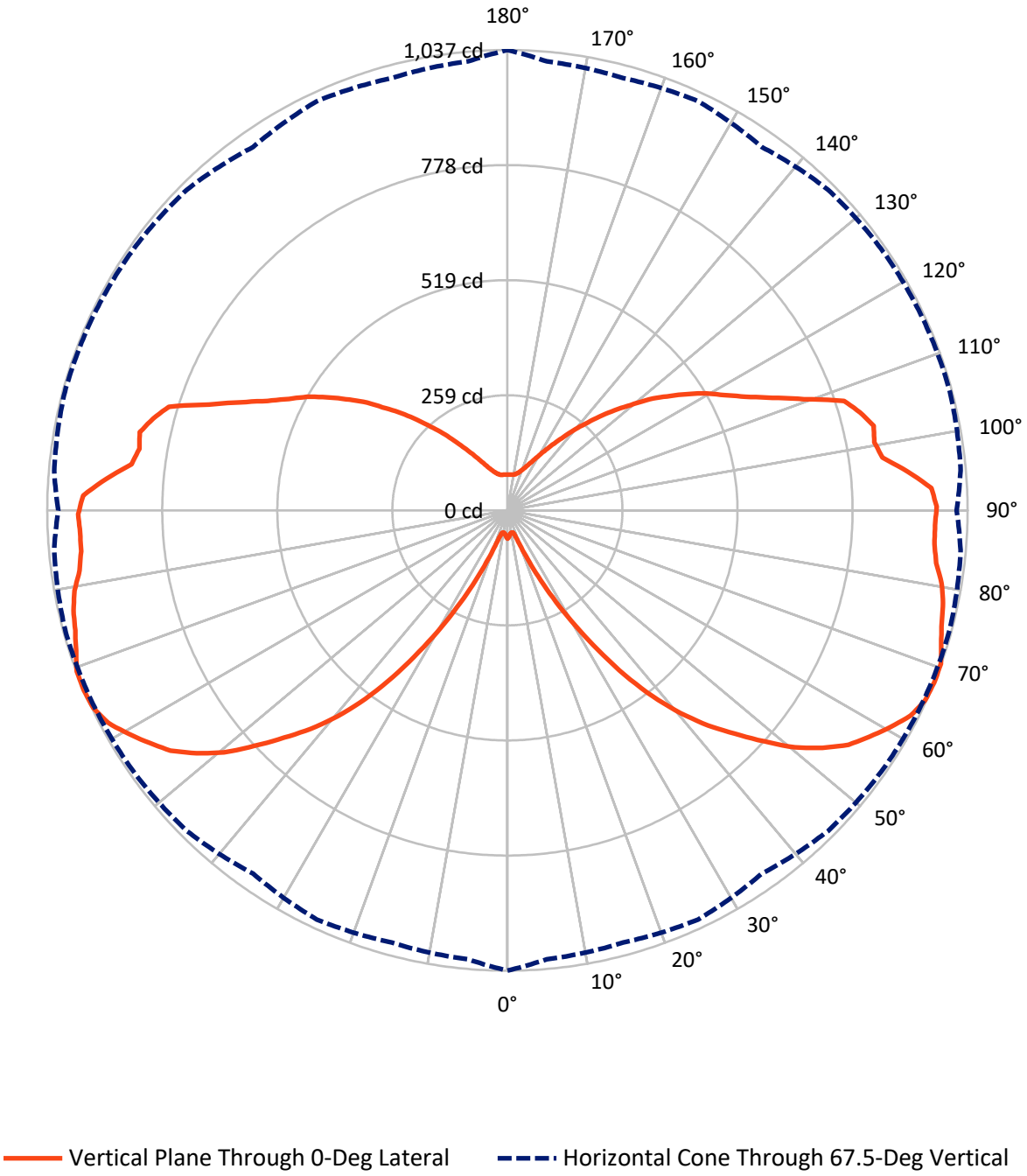
Luminous Intensity Polar Plot



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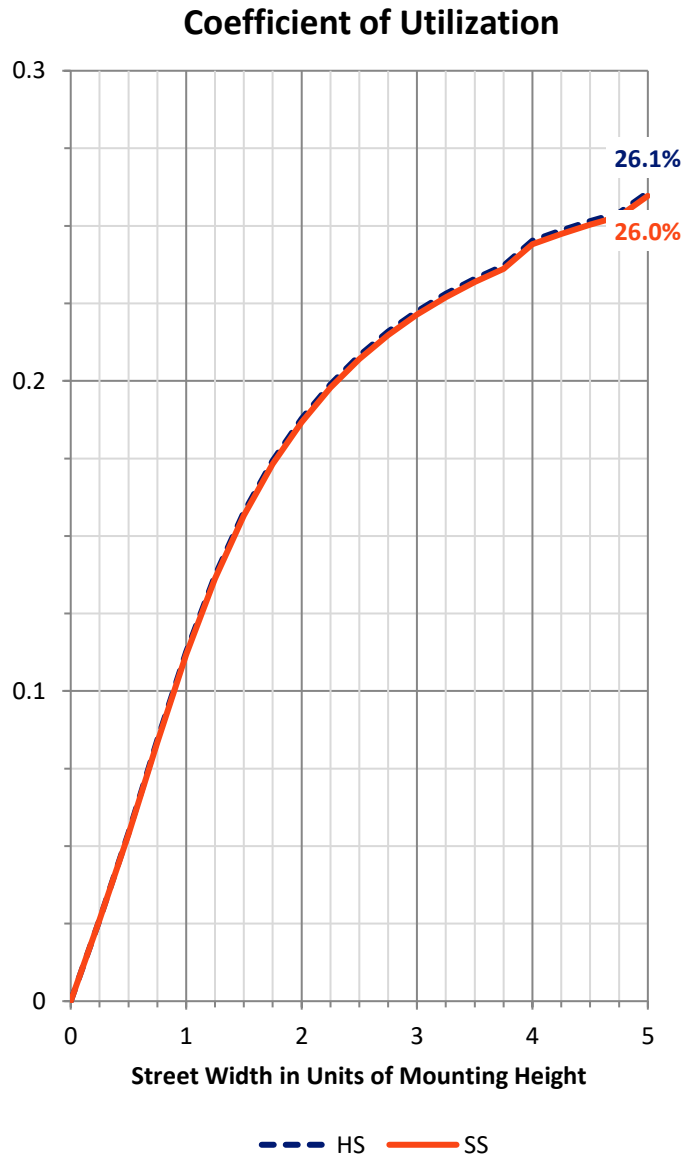
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2449.8	1656.2	4105.9
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	2449.8	1656.2	4105.9
	% Fixture	29.8	20.2	50.0
Total	Lumens	4899.6	3312.3	8211.9
	% Fixture	59.7	40.3	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.3	0.1
10°-20°	17.5	0.2
20°-30°	87.7	1.1
30°-40°	288.2	3.5
40°-50°	557.3	6.8
50°-60°	824.7	10.0
60°-70°	1002.7	12.2
70°-80°	1058.5	12.9
80°-90°	1057.7	12.9
90°-100°	989.5	12.0
100°-110°	880.2	10.7
110°-120°	602.1	7.3
120°-130°	404.4	4.9
130°-140°	234.8	2.9
140°-150°	115.6	1.4
150°-160°	53.4	0.7
160°-170°	24.7	0.3
170°-180°	7.7	0.1
0°-90°	4899.6	59.7
0°-180°	8211.9	100.0



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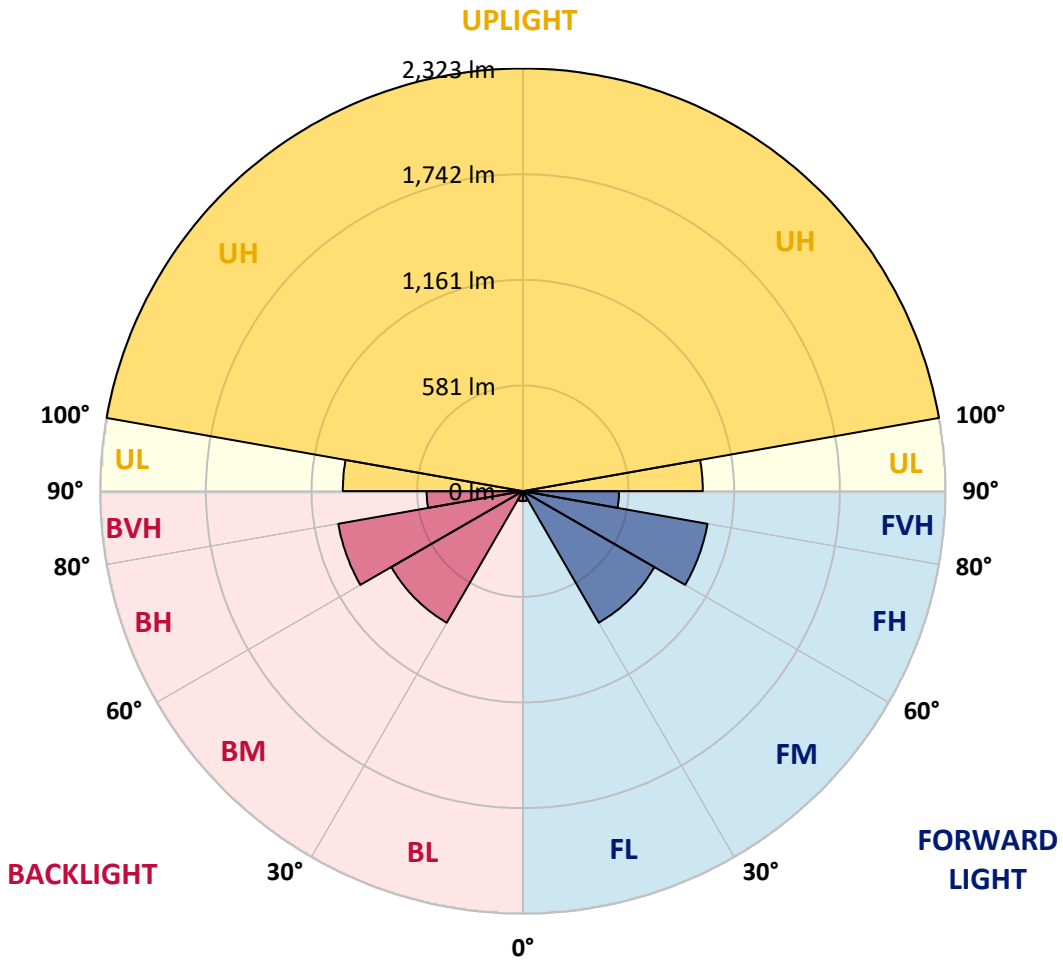
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	55.3	0.7			
FM	(30°-60°)	835.1	10.2			
FH	(60°-80°)	1030.6	12.5			G1/1800
FVH	(80°-90°)	528.8	6.4			G4/750
BL	(0°-30°)	55.3	0.7	B0/110		
BM	(30°-60°)	835.1	10.2	B1/1000		
BH	(60°-80°)	1030.6	12.5	B3/2500		G1/1800
BVH	(80°-90°)	528.8	6.4			G4/750
UL	(90°-100°)	989.5	12.0		U4/1000	
UH	(100°-180°)	2322.9	28.3		U5	

BUG Rating: B3-U5-G4
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
2.5°	61.1	60.6	60.1	59.6	60.1	60.6	61.6	62.2	62.2	62.2	62.2
5°	55.4	55.9	56.5	57.0	57.0	57.0	57.0	57.5	58.0	58.0	58.0
7.5°	52.3	52.3	52.8	54.4	54.9	54.4	54.4	54.9	53.4	51.8	51.3
10°	50.8	50.8	51.3	51.8	52.3	53.4	53.9	53.9	53.9	53.9	53.4
12.5°	51.3	50.8	51.3	51.8	52.8	53.4	52.3	52.3	53.4	54.4	54.9
15°	53.9	53.4	53.4	54.4	54.9	54.9	53.9	53.9	54.4	55.4	55.4
17.5°	65.3	64.2	63.7	64.2	63.7	64.2	63.7	64.8	64.8	64.2	63.7
20°	89.1	88.1	86.5	86.0	86.5	88.1	88.6	90.1	88.6	88.1	86.0
22.5°	126.4	124.8	123.8	123.8	125.4	126.4	125.9	127.9	126.9	126.4	124.3
25°	174.0	173.0	173.5	176.1	178.7	177.2	173.0	176.1	176.1	175.6	175.1
27.5°	233.6	230.0	231.5	238.3	240.4	236.2	231.5	235.2	236.7	237.2	237.2
30°	301.5	298.9	298.4	305.6	308.2	304.6	301.5	305.6	305.6	307.2	307.2
32.5°	375.0	373.5	370.9	375.0	379.2	378.1	378.1	381.2	380.2	381.8	382.3
35°	455.8	452.7	447.6	448.1	452.7	453.3	456.9	458.9	457.9	457.4	457.4
37.5°	532.0	527.8	523.2	520.6	526.3	525.8	534.1	534.1	532.0	532.5	532.5
40°	600.9	598.3	594.7	587.4	598.3	596.2	606.1	606.1	600.4	601.9	600.9
42.5°	662.5	662.5	658.4	647.5	658.9	656.8	669.8	669.8	662.0	661.5	659.9
45°	717.9	720.5	718.5	708.6	712.8	714.3	726.8	724.2	717.9	717.9	715.4
47.5°	777.5	780.1	772.9	762.5	767.2	769.7	781.1	780.1	776.5	771.8	771.8
50°	839.7	840.2	825.7	813.3	817.4	830.9	839.2	841.2	833.5	822.6	822.1
52.5°	888.9	892.0	878.0	864.5	867.7	883.2	892.5	893.0	883.2	867.7	872.3
55°	932.4	935.5	921.5	909.6	915.8	924.1	935.0	928.8	929.3	912.7	920.5
57.5°	961.9	972.3	949.0	946.4	952.1	961.9	966.6	965.0	968.1	952.6	955.2
60°	991.5	996.1	976.4	980.1	973.3	990.9	994.6	998.2	989.9	979.0	979.0
62.5°	1019.4	1008.0	994.0	1002.8	984.7	1007.0	1011.1	1015.3	1006.5	996.1	998.2
65°	1033.9	1013.2	1001.3	1012.2	994.6	1014.8	1021.5	1023.1	1021.5	1011.7	1007.0
67.5°	1037.0	1015.3	1008.0	1016.8	999.2	1021.5	1027.7	1030.8	1032.4	1025.1	1012.2
70°	1036.0	1012.7	1006.5	1014.8	1003.4	1024.1	1024.6	1029.3	1031.3	1034.4	1019.9
72.5°	1022.0	1001.8	1000.3	1007.5	997.2	1010.6	1011.1	1016.8	1013.7	1023.6	1016.3
75°	1010.6	997.2	999.7	998.2	987.8	995.6	997.7	1004.4	993.0	1002.3	1008.5
77.5°	1003.4	996.1	1002.3	994.0	983.2	988.3	991.5	999.2	982.1	989.9	1008.0
80°	992.0	989.9	997.7	985.2	975.9	980.6	985.8	992.5	973.8	979.0	1004.9
82.5°	973.3	974.9	982.1	967.6	961.4	966.6	972.8	983.2	964.0	967.1	994.6
85°	965.0	971.8	975.4	960.9	953.6	956.7	963.5	974.4	954.2	958.8	986.8
87.5°	964.0	972.3	974.9	962.4	956.2	960.9	964.0	979.5	957.8	963.5	992.0
90°	967.1	970.2	971.8	960.9	955.7	963.0	963.5	982.6	960.9	962.4	987.8
92.5°	956.7	957.3	960.4	950.5	950.0	955.2	954.2	970.2	946.4	942.8	964.5
95°	906.5	902.4	909.1	903.9	914.8	922.6	931.4	951.6	939.7	942.8	961.4
97.5°	853.1	854.2	856.3	848.0	846.4	849.5	853.1	863.5	859.9	863.0	880.6
100°	840.7	844.3	843.8	839.7	822.6	819.0	811.2	800.3	785.8	787.9	790.5
102.5°	846.9	856.8	858.3	864.0	864.0	861.4	867.1	862.5	865.1	880.1	871.8
105°	824.7	836.1	843.3	849.5	861.4	871.3	897.7	913.8	926.7	944.8	942.2
107.5°	797.7	803.4	808.6	808.6	805.5	803.9	818.4	821.0	817.4	822.1	822.6
110°	713.8	713.3	718.5	716.4	717.9	709.7	713.8	727.8	724.7	734.0	735.6

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Scaled Data Report

REPORT NUMBER: P856259
CATALOG NUMBER: FFX-CLB-50-730-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*648.5*	648.5	652.2	647.0	647.5	640.8	643.4	652.7	653.2	661.0	665.1
115°	*593.6*	592.6	597.8	593.6	589.0	587.4	590.0	595.7	597.3	602.4	610.7
117.5°	*552.7*	547.5	551.7	552.2	554.3	550.1	556.3	560.0	562.0	566.2	572.9
120°	*519.0*	513.9	515.4	520.6	526.8	518.0	524.7	527.8	529.4	531.0	534.1
122.5°	*480.7*	477.1	475.5	485.9	489.5	481.7	485.4	490.0	492.6	495.2	497.8
125°	*441.9*	438.7	437.2	446.5	450.1	443.9	449.1	455.8	454.8	460.5	455.3
127.5°	*406.6*	405.6	403.5	408.2	410.8	410.3	414.9	423.2	419.6	424.8	419.1
130°	*364.7*	368.8	365.7	371.4	371.9	376.1	377.6	385.4	381.8	382.8	379.2
132.5°	*330.5*	332.0	330.5	332.6	334.1	334.1	338.3	346.5	340.8	340.3	337.2
135°	*295.8*	296.3	294.2	297.3	298.4	295.8	299.9	306.1	303.0	301.5	301.5
137.5°	*261.6*	261.1	261.6	262.6	263.7	263.1	265.2	269.9	268.8	266.8	269.4
140°	*232.6*	231.0	231.5	232.1	231.5	231.5	233.6	237.8	237.8	235.2	237.8
142.5°	*203.6*	203.1	203.1	203.1	203.1	204.1	206.2	207.2	208.2	206.2	205.6
145°	*179.2*	178.7	178.2	178.2	178.2	178.7	180.8	180.3	182.3	180.3	178.7
147.5°	*157.5*	158.0	157.0	156.4	155.9	157.5	158.0	159.0	160.1	159.0	157.5
150°	*139.9*	139.3	139.3	138.3	138.3	139.9	139.3	140.4	141.4	140.9	140.4
152.5°	*124.3*	124.3	124.3	123.3	123.8	124.8	124.8	124.8	125.9	125.9	125.4
155°	*111.9*	111.9	111.9	111.4	111.4	112.4	112.4	112.4	112.9	112.9	112.9
157.5°	*102.6*	102.6	102.0	102.0	102.0	102.6	102.0	102.0	102.6	102.6	102.6
160°	*95.3*	95.3	94.8	94.8	94.3	94.8	94.3	94.3	94.8	94.8	94.8
162.5°	*89.6*	89.6	89.1	89.1	89.1	89.1	89.1	88.6	88.6	89.1	88.6
165°	*85.5*	85.5	85.5	85.5	85.5	85.5	85.5	85.0	85.0	85.0	85.0
167.5°	*82.9*	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
170°	*81.3*	81.3	81.3	81.8	81.8	81.8	81.3	81.3	81.8	81.8	81.3
172.5°	*80.8*	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
175°	*80.8*	80.8	80.8	80.8	80.8	80.8	80.3	80.8	80.8	80.8	80.8
177.5°	*80.8*	80.3	80.3	80.8	80.8	80.3	80.3	80.3	80.3	80.3	80.3
180°	*80.8*	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8

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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: SP1-2406-133-4

Test Date: 07/12/2024

Luminaire Tested: FFX-CLB-100-730-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-730-U-FR-T5.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.03

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

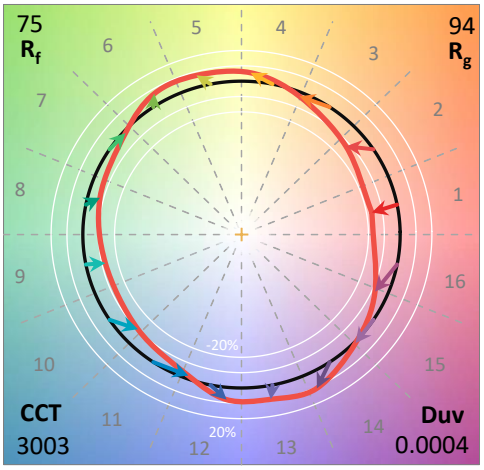
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-4
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-100-730-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3003
CIE u':	0.2503
CIE v':	0.5219
Duv:	0.0004
CIE x:	0.4373
CIE y:	0.4053
CIE z:	0.1573
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	52.93545
Rf:	75.2
Rg:	93.8

CRI (Ra):	71.9				
R1:	68.2	R9:	-33.7		
R2:	82.2	R10:	59.0		
R3:	93.9	R11:	62.4		
R4:	67.6	R12:	48.5		
R5:	67.2	R13:	70.8		
R6:	75.3	R14:	96.6		
R7:	77.6	R15:	60.0		
R8:	43.1				



Test Conditions

Stabilization Time:	0.794393M
Operation Time:	1H
Sphere Temperature (°C):	24.7

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: SP1-2406-133-4

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

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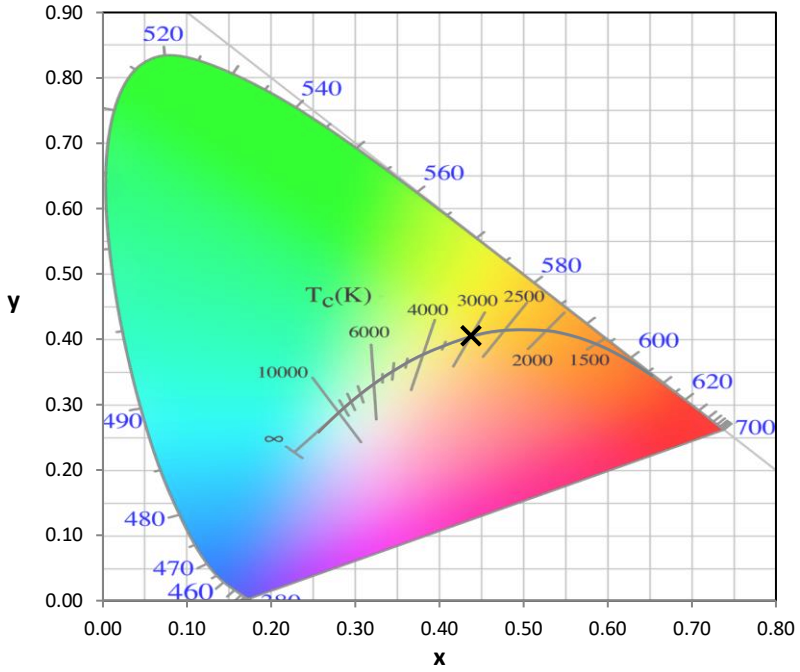
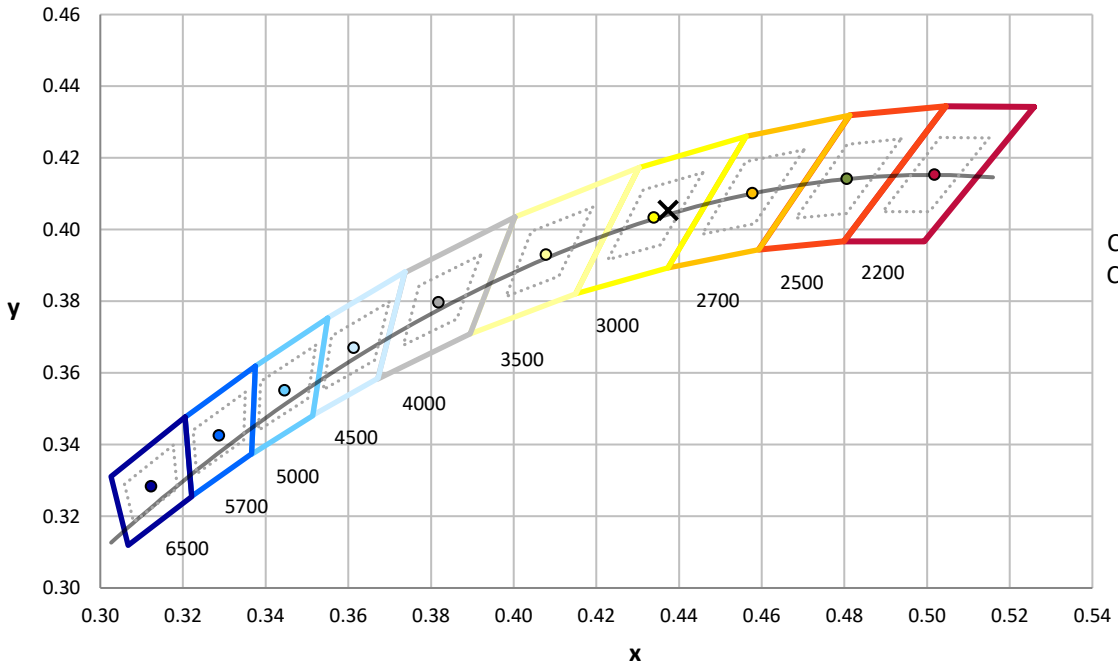
REPORT NUMBER: SP1-2406-133-4

CIE 1931 Chromaticity Diagram



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



CCT = 3003K
CIE x = 0.4373
CIE y = 0.4053
Duv = 0.0004

Point lies inside the ANSI 3000K 4-step quadrangle

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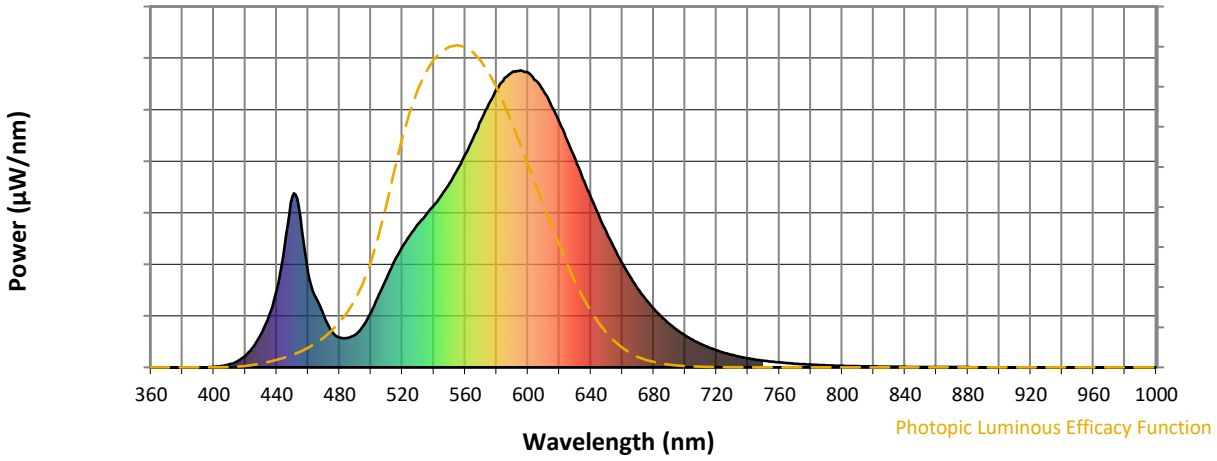
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-4

Photopic Flux vs. Wavelength



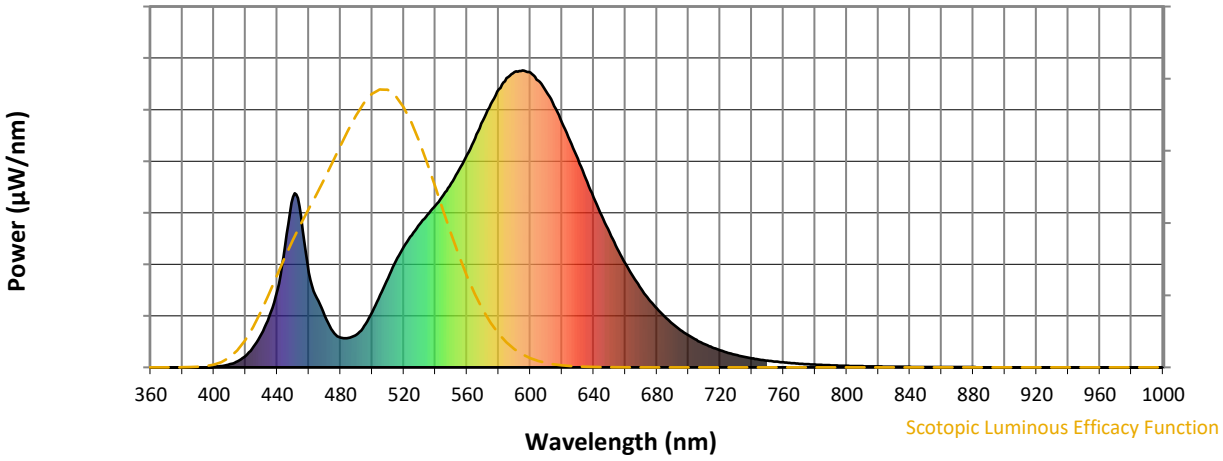
Photopic Lumens: NR

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

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

REPORT NUMBER: SP1-2406-133-4

Scotopic Flux vs. Wavelength



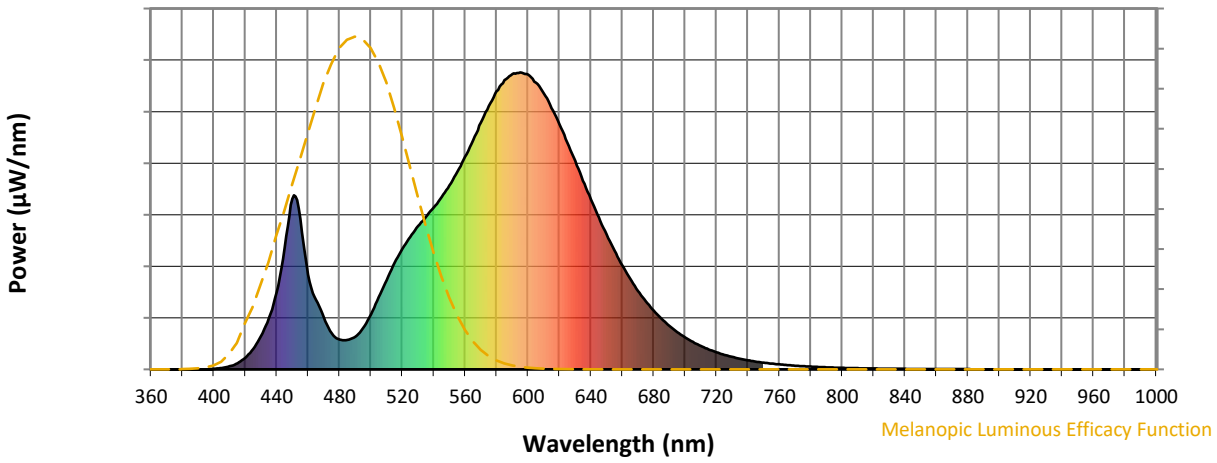
Scotopic Lumens: NR **S/P: 1.21**

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

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

REPORT NUMBER: SP1-2406-133-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.22**

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	110	NR	620	825	NR	750	23	NR	880	1	NR
365	0	NR	495	139	NR	625	765	NR	755	19	NR	885	1	NR
370	0	NR	500	186	NR	630	702	NR	760	17	NR	890	0	NR
375	0	NR	505	243	NR	635	635	NR	765	14	NR	895	0	NR
380	0	NR	510	301	NR	640	572	NR	770	12	NR	900	0	NR
385	0	NR	515	357	NR	645	512	NR	775	11	NR	905	0	NR
390	0	NR	520	406	NR	650	455	NR	780	9	NR	910	0	NR
395	0	NR	525	445	NR	655	400	NR	785	8	NR	915	0	NR
400	2	NR	530	483	NR	660	350	NR	790	7	NR	920	0	NR
405	5	NR	535	514	NR	665	305	NR	795	6	NR	925	0	NR
410	10	NR	540	545	NR	670	264	NR	800	5	NR	930	0	NR
415	21	NR	545	581	NR	675	229	NR	805	4	NR	935	0	NR
420	39	NR	550	620	NR	680	198	NR	810	4	NR	940	0	NR
425	69	NR	555	666	NR	685	170	NR	815	3	NR	945	0	NR
430	112	NR	560	716	NR	690	147	NR	820	3	NR	950	0	NR
435	174	NR	565	771	NR	695	125	NR	825	3	NR	955	0	NR
440	260	NR	570	831	NR	700	107	NR	830	2	NR	960	0	NR
445	410	NR	575	887	NR	705	92	NR	835	2	NR	965	0	NR
450	574	NR	580	937	NR	710	79	NR	840	2	NR	970	0	NR
455	508	NR	585	974	NR	715	67	NR	845	1	NR	975	0	NR
460	319	NR	590	994	NR	720	57	NR	850	1	NR	980	0	NR
465	234	NR	595	1000	NR	725	49	NR	855	1	NR	985	0	NR
470	174	NR	600	992	NR	730	42	NR	860	1	NR	990	0	NR
475	121	NR	605	966	NR	735	36	NR	865	1	NR	995	0	NR
480	100	NR	610	929	NR	740	30	NR	870	1	NR	1000	0	NR
485	99	NR	615	880	NR	745	26	NR	875	1	NR			

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

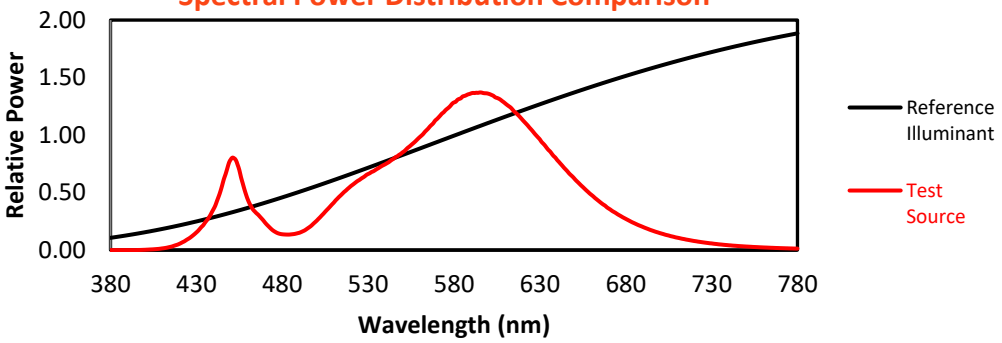
REPORT NUMBER: SP1-2406-133-4

TM-30-18

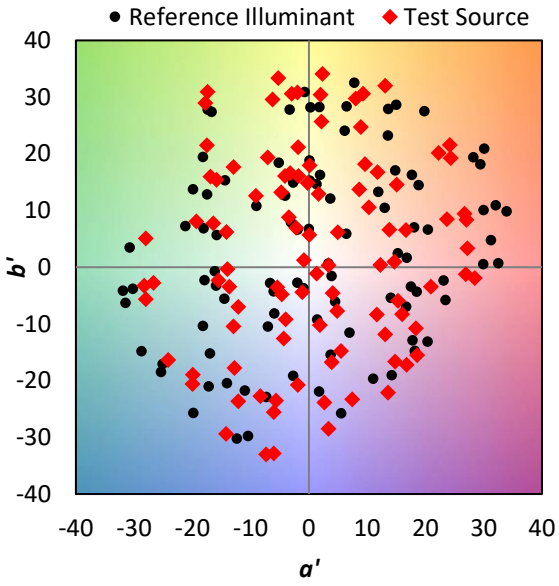
Summary

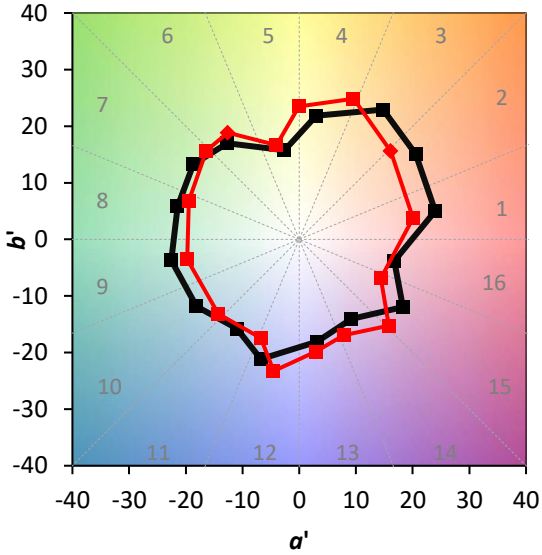
R_f = 75.2
R_g = 93.8
CIE R_a = 71.9
R_9 = -33.7

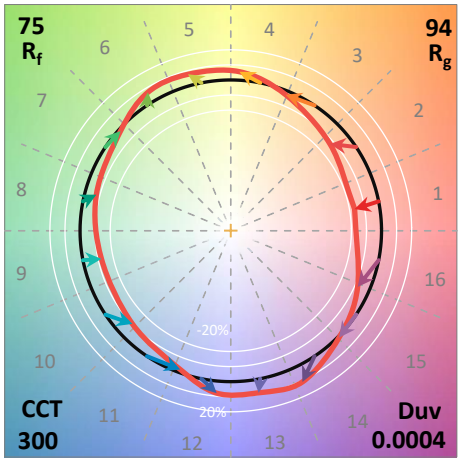
Spectral Power Distribution Comparison

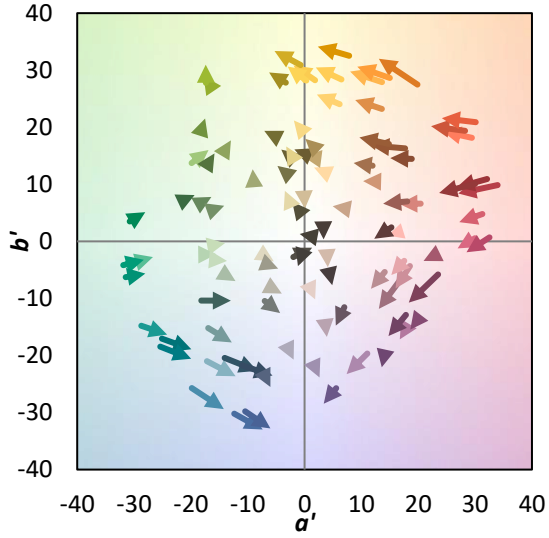


Color Vector Graphics









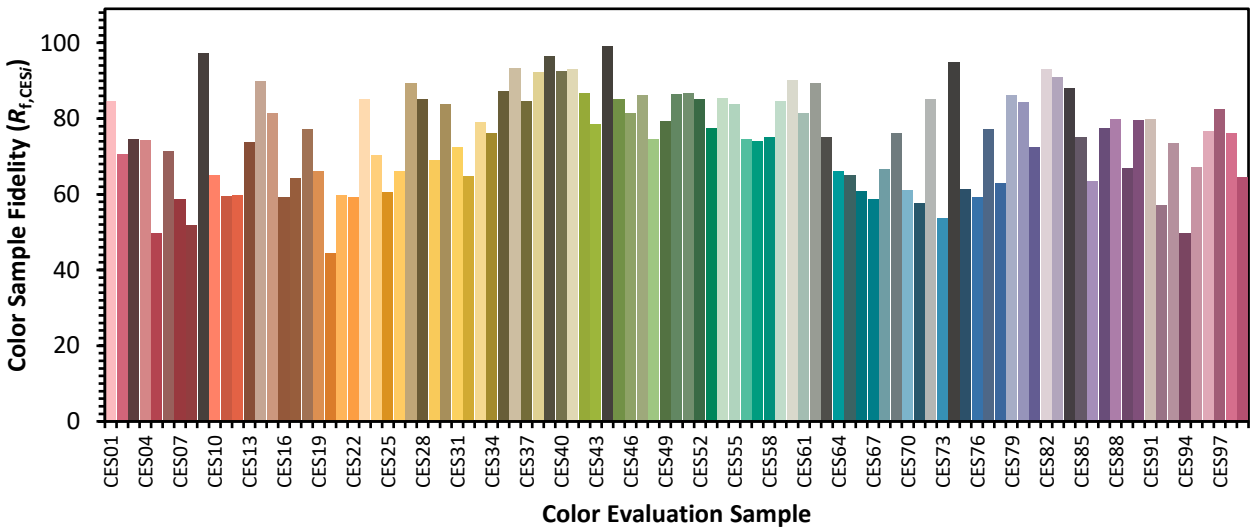
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-4

TM-30-18

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

CES01 = 86	CES26 = 66	CES51 = 87	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 77
CES03 = 31	CES28 = 85	CES53 = 77	CES78 = 63
CES04 = 71	CES29 = 69	CES54 = 86	CES79 = 86
CES05 = 49	CES30 = 84	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 72
CES07 = 41	CES32 = 65	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 79	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 76	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 75
CES11 = 59	CES36 = 93	CES61 = 81	CES86 = 63
CES12 = 65	CES37 = 85	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 67
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 80
CES16 = 47	CES41 = 93	CES66 = 61	CES91 = 80
CES17 = 50	CES42 = 87	CES67 = 59	CES92 = 57
CES18 = 56	CES43 = 79	CES68 = 67	CES93 = 73
CES19 = 73	CES44 = 99	CES69 = 76	CES94 = 50
CES20 = 66	CES45 = 85	CES70 = 61	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 58	CES96 = 77
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 83
CES23 = 92	CES48 = 75	CES73 = 54	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 65
CES25 = 73	CES50 = 86	CES75 = 61	

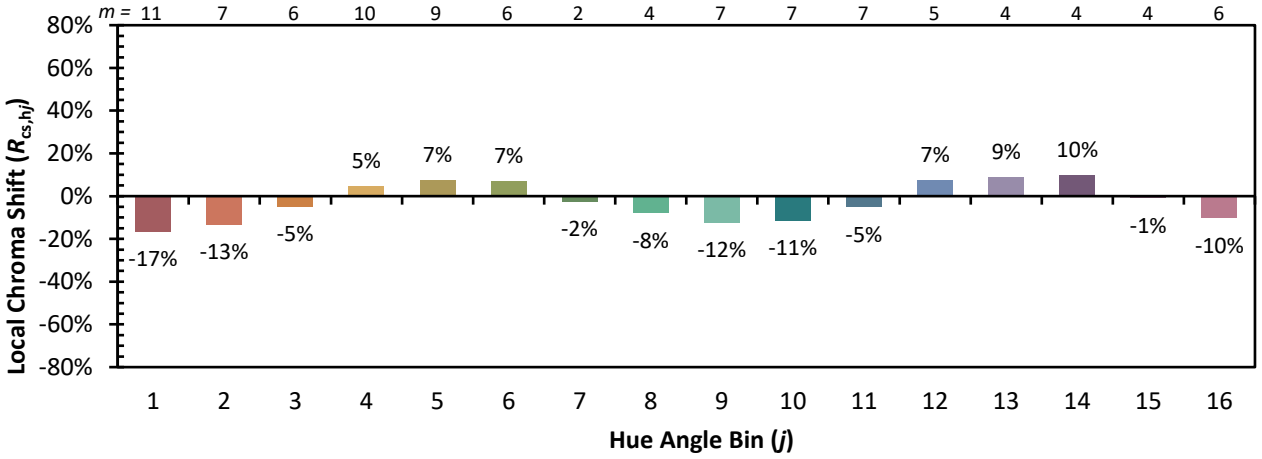


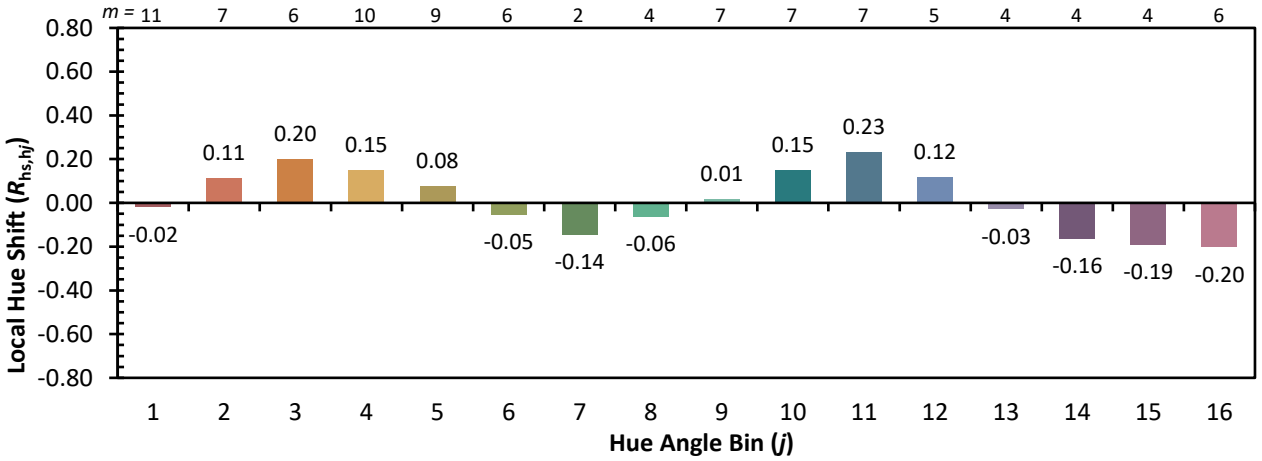
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

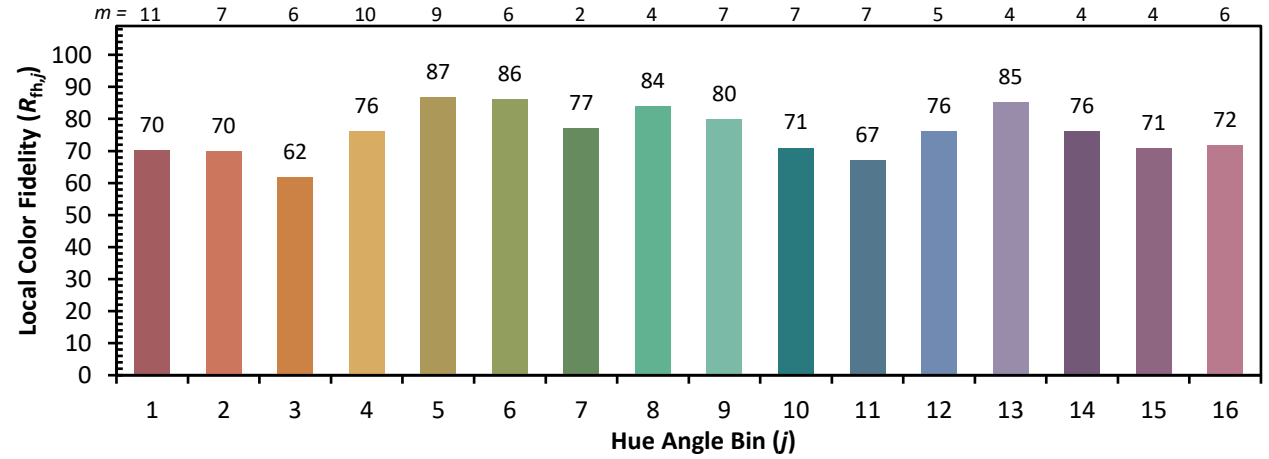
REPORT NUMBER: SP1-2406-133-4

TM-30-18

Color Rendition by Hue-Angle Bin





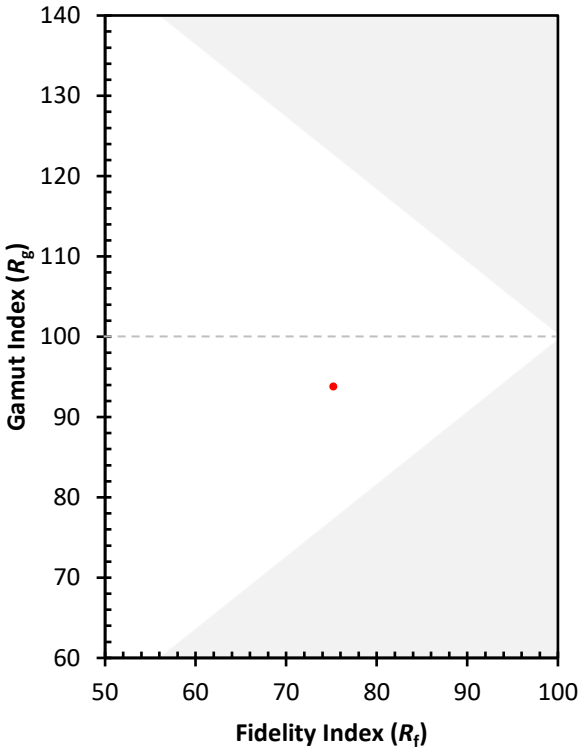


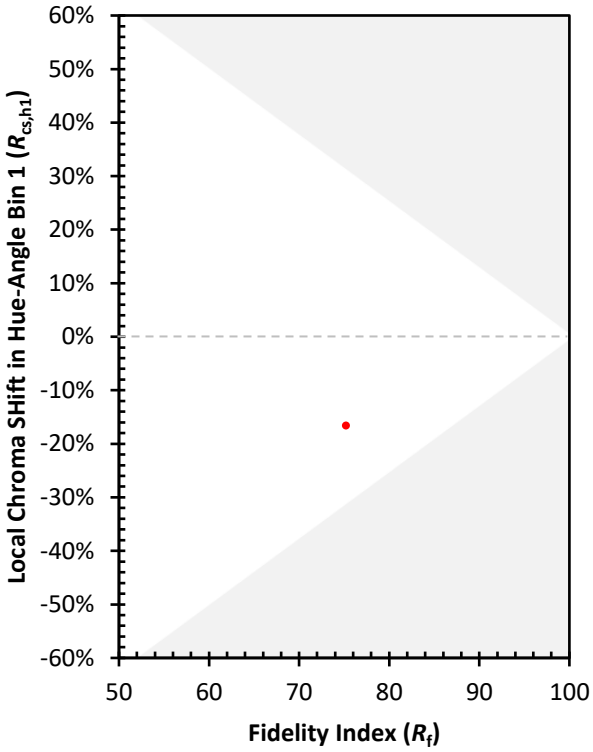
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-4

TM-30-18

Measure Comparisons





(END OF REPORT)