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: P856085

Luminaire Tested: **FFX-CLB-80-740-U-FR-T5**

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:	P856085
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-80-740-U-FR-T5
Description:	FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13259.1 lumens
Efficiency:	N/A
Efficacy:	164.1 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.17' x H: 1.67')
IES Classification:	Type V - Short
BUG Rating:	B4 - U5 - G3

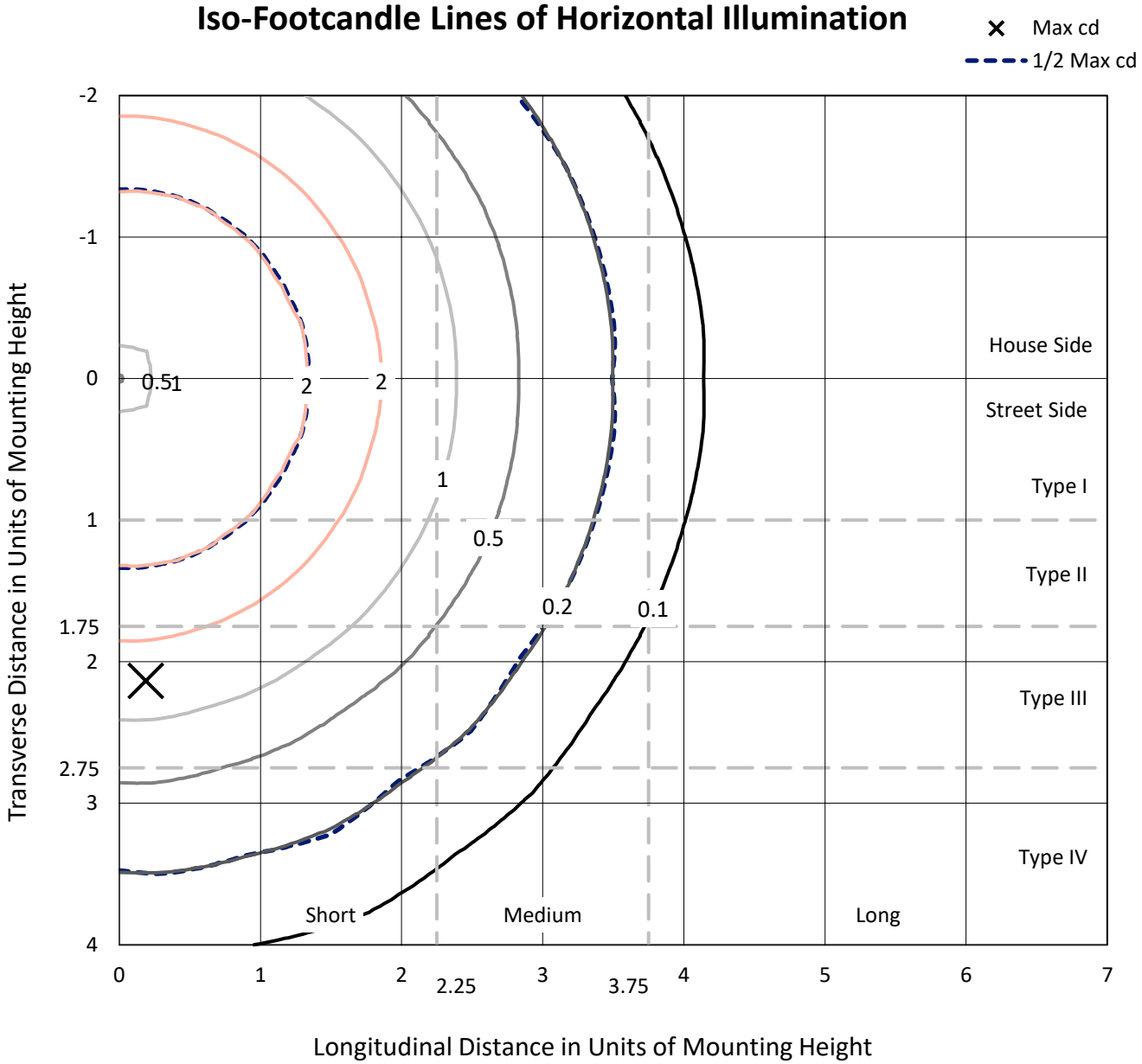
Input Watts (W):	80.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	6.1%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

REPORT NUMBER: P856085
CATALOG NUMBER: FFX-CLB-80-740-U-FR-T5

Iso-Footcandle Lines of Horizontal Illumination



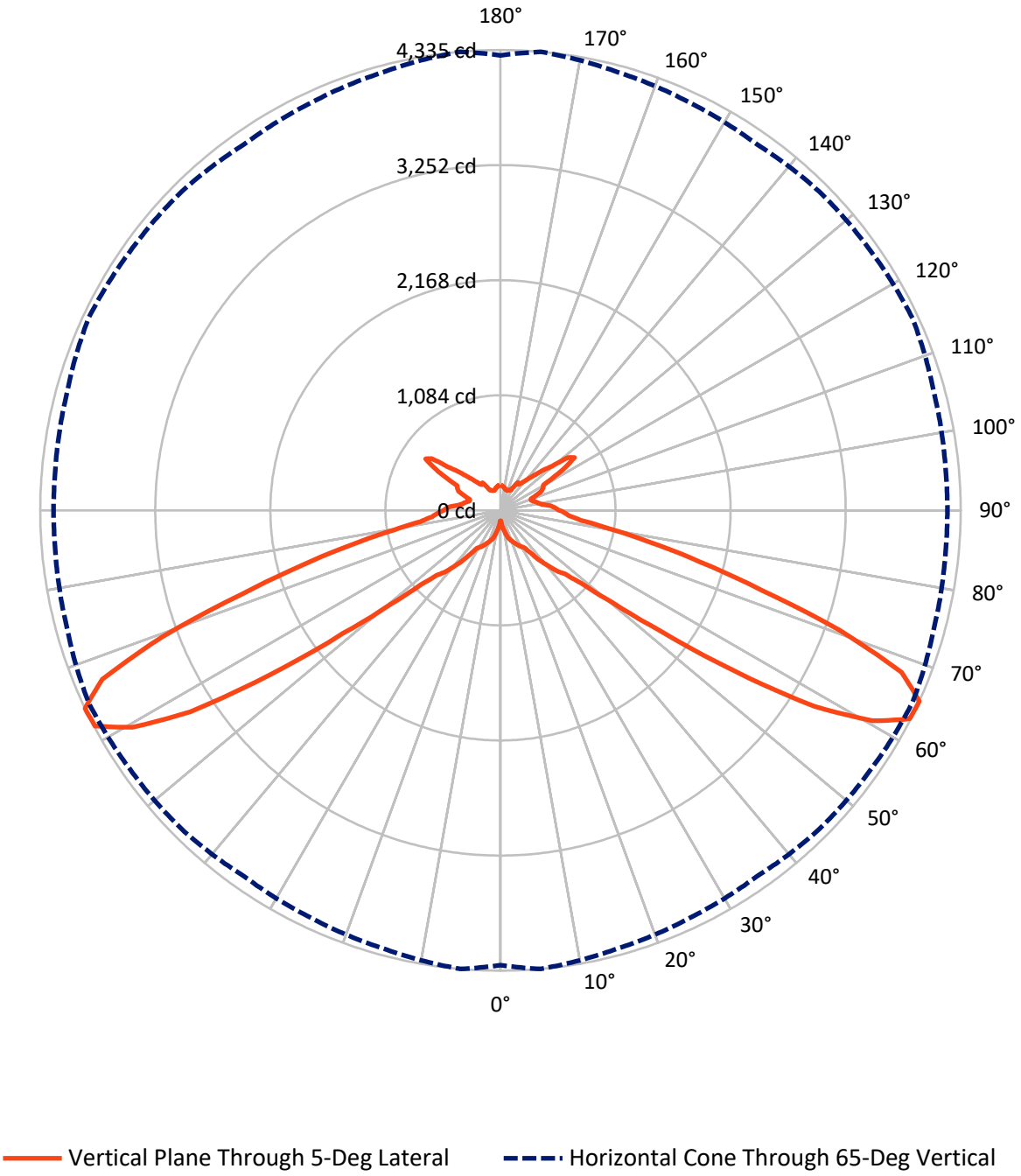
Based on 15 foot mounting height. Maximum calculated value = 2.4 fc
Type V - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P856085
CATALOG NUMBER: FFX-CLB-80-740-U-FR-T5

Luminous Intensity Polar Plot



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

Scaled Data Report

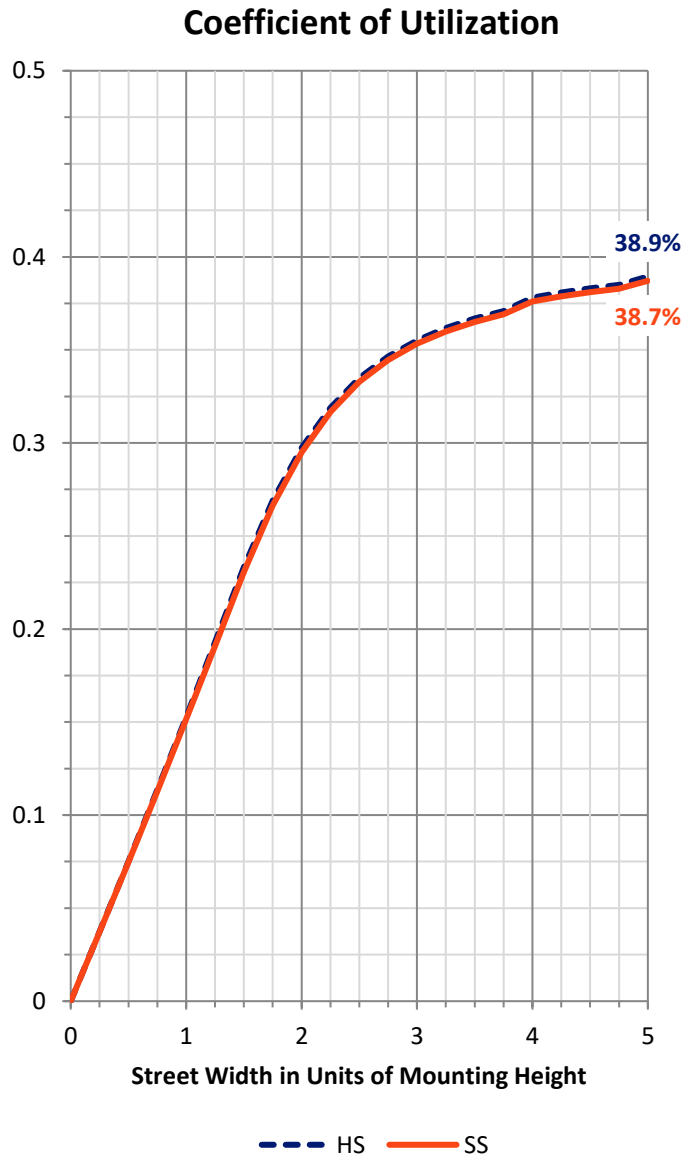
REPORT NUMBER: P856085
CATALOG NUMBER: FFX-CLB-80-740-U-FR-T5

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5342.8	1286.7	6629.5
	% Fixture	40.3	9.7	50.0
Street Side	Lumens	5342.8	1286.7	6629.5
	% Fixture	40.3	9.7	50.0
Total	Lumens	10685.7	2573.4	13259.1
	% Fixture	80.6	19.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.1	0.1
10°-20°	75.7	0.6
20°-30°	164.5	1.2
30°-40°	326.5	2.5
40°-50°	708.1	5.3
50°-60°	2438.5	18.4
60°-70°	4005.0	30.2
70°-80°	2149.6	16.2
80°-90°	802.7	6.1
90°-100°	507.0	3.8
100°-110°	339.5	2.6
110°-120°	373.2	2.8
120°-130°	617.6	4.7
130°-140°	363.7	2.7
140°-150°	192.4	1.5
150°-160°	101.0	0.8
160°-170°	57.4	0.4
170°-180°	21.6	0.2
0°-90°	10685.7	80.6
0°-180°	13259.1	100.0



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

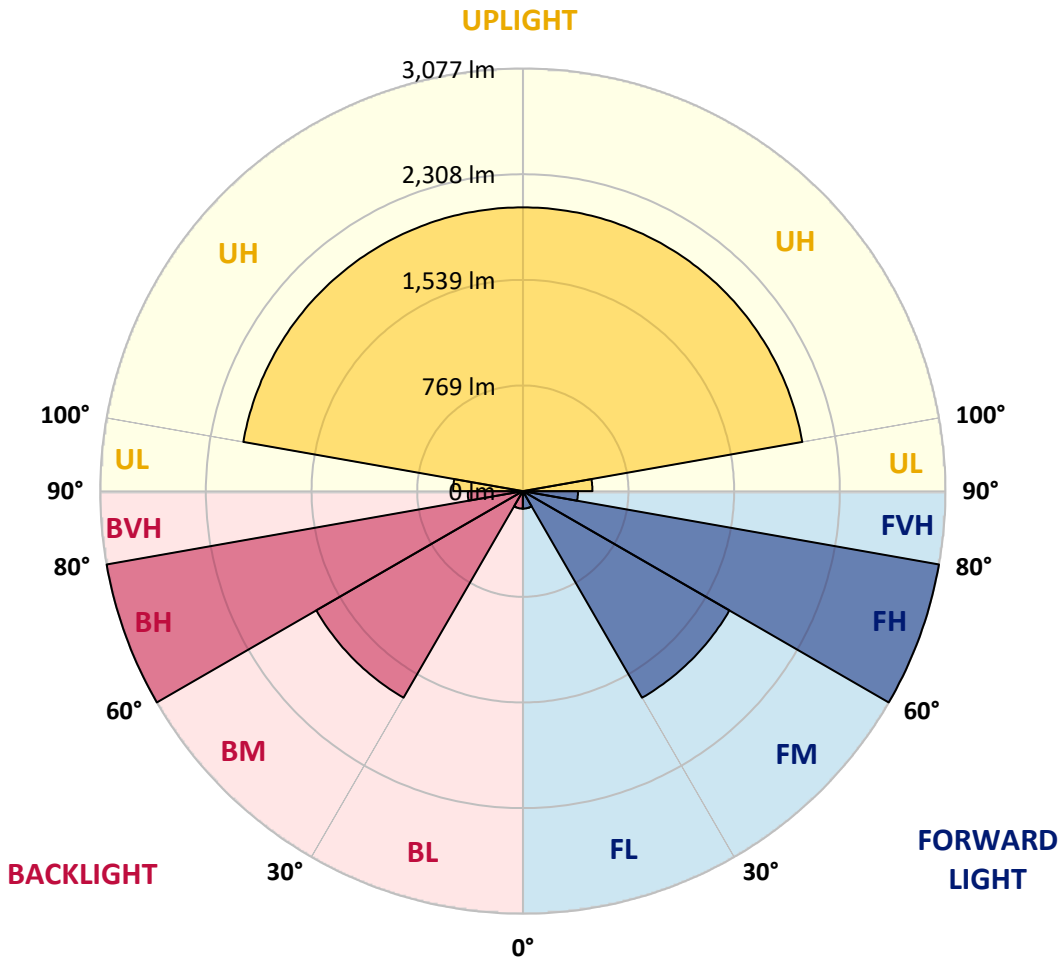
Scaled Data Report

REPORT NUMBER: P856085
CATALOG NUMBER: FFX-CLB-80-740-U-FR-T5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	127.7	1.0			
FM	(30°-60°)	1736.5	13.1			
FH	(60°-80°)	3077.3	23.2			G2/5000
FVH	(80°-90°)	401.4	3.0			G3/500
BL	(0°-30°)	127.7	1.0	B1/500		
BM	(30°-60°)	1736.5	13.1	B2/2500		
BH	(60°-80°)	3077.3	23.2	B4/5000		G2/5000
BVH	(80°-90°)	401.4	3.0			G3/500
UL	(90°-100°)	507.0	3.8		U4/1000	
UH	(100°-180°)	2066.4	15.6		U5	

BUG Rating: B4-U5-G3
Type V Short



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

Scaled Data Report

REPORT NUMBER: P856085
CATALOG NUMBER: FFX-CLB-80-740-U-FR-T5

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2.5°	104.1	104.1	102.7	101.4	102.7	104.1	104.1	105.4	102.7	102.7	104.1
5°	139.2	139.2	139.2	137.8	135.1	135.1	133.8	137.8	139.2	140.5	140.5
7.5°	173.0	171.6	174.3	175.7	168.9	166.2	166.2	167.6	170.3	173.0	175.7
10°	196.0	194.6	196.0	201.4	200.0	196.0	196.0	196.0	200.0	206.8	208.1
12.5°	231.1	231.1	233.8	237.9	239.2	235.2	232.4	232.4	237.9	239.2	237.9
15°	268.9	268.9	267.6	266.2	267.6	266.2	266.2	267.6	271.6	270.3	270.3
17.5°	289.2	287.9	286.5	287.9	287.9	286.5	287.9	290.6	289.2	293.3	294.6
20°	310.8	310.8	308.1	308.1	308.1	309.5	310.8	309.5	310.8	312.2	313.5
22.5°	331.1	331.1	329.8	328.4	329.8	331.1	332.5	329.8	329.8	332.5	332.5
25°	354.1	354.1	354.1	350.0	351.4	352.7	351.4	350.0	351.4	352.7	354.1
27.5°	379.8	379.8	377.1	373.0	374.3	374.3	375.7	373.0	375.7	375.7	375.7
30°	401.4	398.7	397.3	394.6	394.6	397.3	400.0	396.0	397.3	397.3	398.7
32.5°	421.6	421.6	420.3	414.9	413.5	421.6	424.4	423.0	417.6	418.9	420.3
35°	497.3	497.3	487.9	478.4	486.5	485.2	496.0	496.0	496.0	498.7	504.1
37.5°	591.9	596.0	610.9	632.5	632.5	601.4	585.2	583.8	605.4	624.4	623.0
40°	675.7	679.8	675.7	678.4	675.7	677.1	678.4	675.7	663.6	659.5	651.4
42.5°	779.8	781.1	755.5	725.7	728.4	743.3	760.9	762.2	736.5	724.4	721.7
45°	852.8	855.5	846.0	841.9	841.9	847.4	846.0	846.0	836.5	835.2	832.5
47.5°	1031.2	1025.7	1006.8	1000.1	1008.2	1004.1	1029.8	1023.0	1012.2	1012.2	1021.7
50°	1367.7	1362.3	1363.6	1356.8	1378.5	1347.4	1378.5	1370.4	1354.1	1362.3	1369.0
52.5°	1917.7	1883.9	1888.0	1874.5	1912.3	1883.9	1935.3	1928.5	1875.8	1898.8	1900.1
55°	2709.6	2666.4	2663.7	2573.1	2643.4	2652.9	2717.8	2734.0	2631.3	2632.6	2639.4
57.5°	3494.8	3481.3	3524.6	3467.8	3517.8	3494.8	3493.5	3523.2	3463.7	3471.9	3493.5
60°	4015.1	4025.9	4074.6	4089.5	4107.0	4074.6	4008.4	4021.9	4017.8	4086.8	4092.2
62.5°	4293.5	4326.0	4290.8	4280.0	4265.2	4277.3	4269.2	4277.3	4253.0	4285.4	4286.8
65°	4284.1	4335.4	4271.9	4232.7	4208.4	4246.2	4257.0	4281.4	4230.0	4209.7	4209.7
67.5°	4012.4	4074.6	3974.6	3970.5	3911.1	3974.6	3957.0	3975.9	3935.4	3907.0	3880.0
70°	3338.1	3394.8	3274.5	3289.4	3186.7	3290.8	3263.7	3298.9	3266.4	3211.0	3178.6
72.5°	2515.0	2565.0	2475.8	2498.8	2431.2	2509.6	2467.7	2527.2	2506.9	2482.6	2455.6
75°	1902.8	1942.0	1947.4	2024.5	1943.4	1981.2	1905.5	1940.7	1974.5	2002.8	1973.1
77.5°	1400.1	1427.1	1508.2	1593.4	1513.6	1540.6	1465.0	1498.7	1529.8	1578.5	1556.9
80°	989.3	1020.3	1094.7	1158.2	1100.1	1124.4	1075.7	1094.7	1119.0	1154.1	1131.2
82.5°	770.3	759.5	756.8	740.6	723.0	783.8	796.0	806.8	783.8	774.4	763.6
85°	646.0	648.7	664.9	685.2	685.2	686.5	674.4	679.8	689.2	706.8	708.2
87.5°	593.3	601.4	647.3	663.6	656.8	659.5	648.7	651.4	658.2	667.6	664.9
90°	523.0	543.3	586.5	602.7	591.9	597.3	591.9	596.0	590.6	593.3	587.9
92.5°	510.8	509.5	523.0	521.7	514.9	531.1	531.1	533.8	527.1	523.0	520.3
95°	473.0	470.3	469.0	473.0	458.1	470.3	467.6	473.0	470.3	470.3	464.9
97.5°	396.0	396.0	393.3	397.3	387.9	393.3	386.5	390.6	389.2	390.6	386.5
100°	364.9	364.9	362.2	362.2	358.1	359.5	356.8	356.8	355.4	354.1	354.1
102.5°	343.3	346.0	341.9	343.3	337.9	337.9	335.2	336.5	335.2	335.2	333.8
105°	323.0	324.3	321.6	321.6	317.6	316.2	313.5	314.9	316.2	313.5	313.5
107.5°	302.7	304.1	302.7	302.7	298.7	296.0	291.9	291.9	293.3	294.6	294.6
110°	310.8	306.8	302.7	300.0	305.4	297.3	294.6	293.3	294.6	298.7	300.0

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

Scaled Data Report

REPORT NUMBER: P856085
CATALOG NUMBER: FFX-CLB-80-740-U-FR-T5

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	371.6	*368.9*	368.9	356.8	370.3	362.2	356.8	347.3	351.4	354.1	354.1
115°	431.1	*432.5*	416.2	410.8	402.7	401.4	405.4	394.6	393.3	394.6	391.9
117.5°	483.8	*455.4*	394.6	378.4	374.3	371.6	368.9	366.2	363.5	379.8	362.2
120°	517.6	*469.0*	424.4	414.9	437.9	405.4	383.8	379.8	387.9	416.2	412.2
122.5°	733.8	*691.9*	659.5	602.7	659.5	627.1	635.2	620.3	612.2	596.0	598.7
125°	858.2	*856.8*	841.9	831.1	844.7	832.5	819.0	813.6	805.5	809.5	802.8
127.5°	797.4	*809.5*	790.6	812.2	763.6	777.1	774.4	783.8	775.7	778.4	767.6
130°	631.1	*640.6*	623.0	612.2	590.6	614.9	616.3	631.1	614.9	593.3	590.6
132.5°	551.4	*558.1*	531.1	517.6	502.7	524.4	533.8	541.9	531.1	508.1	502.7
135°	469.0	*471.7*	452.7	455.4	446.0	446.0	444.6	448.7	454.1	450.0	447.3
137.5°	402.7	*409.5*	402.7	410.8	402.7	396.0	385.2	389.2	401.4	410.8	409.5
140°	348.7	*355.4*	356.8	364.9	348.7	351.4	344.6	347.3	354.1	363.5	367.6
142.5°	309.5	*314.9*	302.7	296.0	290.6	306.8	318.9	320.3	312.2	301.4	305.4
145°	301.4	*296.0*	301.4	296.0	301.4	298.7	300.0	298.7	298.7	298.7	298.7
147.5°	305.4	*310.8*	310.8	310.8	302.7	304.1	305.4	306.8	306.8	312.2	310.8
150°	254.1	*260.8*	259.5	266.2	254.1	256.8	258.1	260.8	262.2	263.5	264.9
152.5°	214.9	*216.2*	220.3	223.0	221.6	220.3	218.9	218.9	221.6	224.3	225.7
155°	209.5	*209.5*	213.5	217.6	213.5	213.5	212.2	212.2	213.5	217.6	217.6
157.5°	201.4	*202.7*	202.7	205.4	202.7	204.1	202.7	202.7	204.1	205.4	206.8
160°	197.3	*198.7*	198.7	198.7	198.7	198.7	198.7	198.7	198.7	200.0	200.0
162.5°	197.3	*197.3*	197.3	196.0	196.0	197.3	197.3	197.3	197.3	196.0	197.3
165°	201.4	*200.0*	198.7	197.3	198.7	201.4	202.7	202.7	201.4	198.7	200.0
167.5°	209.5	*209.5*	208.1	206.8	208.1	209.5	210.8	210.8	209.5	208.1	208.1
170°	217.6	*216.2*	216.2	216.2	216.2	216.2	216.2	216.2	216.2	216.2	216.2
172.5°	223.0	*223.0*	224.3	223.0	224.3	224.3	223.0	223.0	223.0	223.0	224.3
175°	231.1	*231.1*	231.1	231.1	232.4	232.4	232.4	232.4	232.4	232.4	232.4
177.5°	236.5	*236.5*	236.5	236.5	236.5	236.5	236.5	236.5	236.5	236.5	236.5
180°	237.9	*237.9*	237.9	237.9	237.9	237.9	237.9	237.9	237.9	237.9	237.9

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: SP1-2406-133-1

Test Date: 07/11/2024

Luminaire Tested: FFX-CLB-100-740-U-FR-T5

Data in this report applies to families of products including FFX-CLB-100-740-U-FR-T5.

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.03

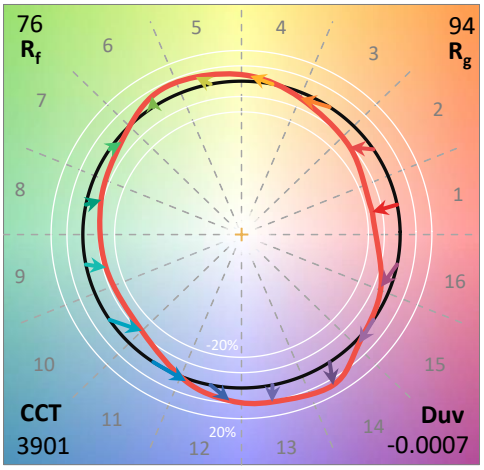
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2406-133-1
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-100-740-U-FR-T5**
Description:	FAIRFAX ACORN W/ FAIRFAX REFRACTOR 100W T5

Spectral Parameters

CCT (K):	3901	CRI (Ra):	74.5		
CIE u':	0.2273	R1:	71.8	R9:	-23.4
CIE v':	0.5026	R2:	81.9	R10:	56.6
Duv:	-0.0007	R3:	89.3	R11:	68.4
CIE x:	0.3844	R4:	72.6	R12:	46.6
CIE y:	0.3776	R5:	71.3	R13:	73.7
CIE z:	0.2380	R6:	74.0	R14:	93.9
Peak Wavelength (nm):	451	R7:	81.5	R15:	65.1
Dominant Wavelength (nm):	579	R8:	53.3		
Purity:	28.6799				
Rf:	76.2				
Rg:	94.4				



Test Conditions

Stabilization Time:	0.818109M
Operation Time:	1H
Sphere Temperature (°C):	24.6

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

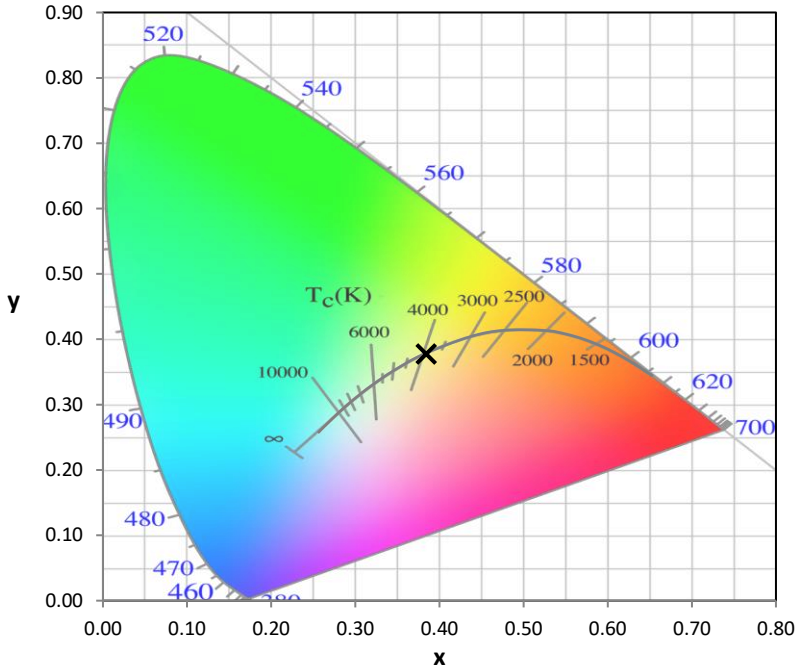
REPORT NUMBER: SP1-2406-133-1

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

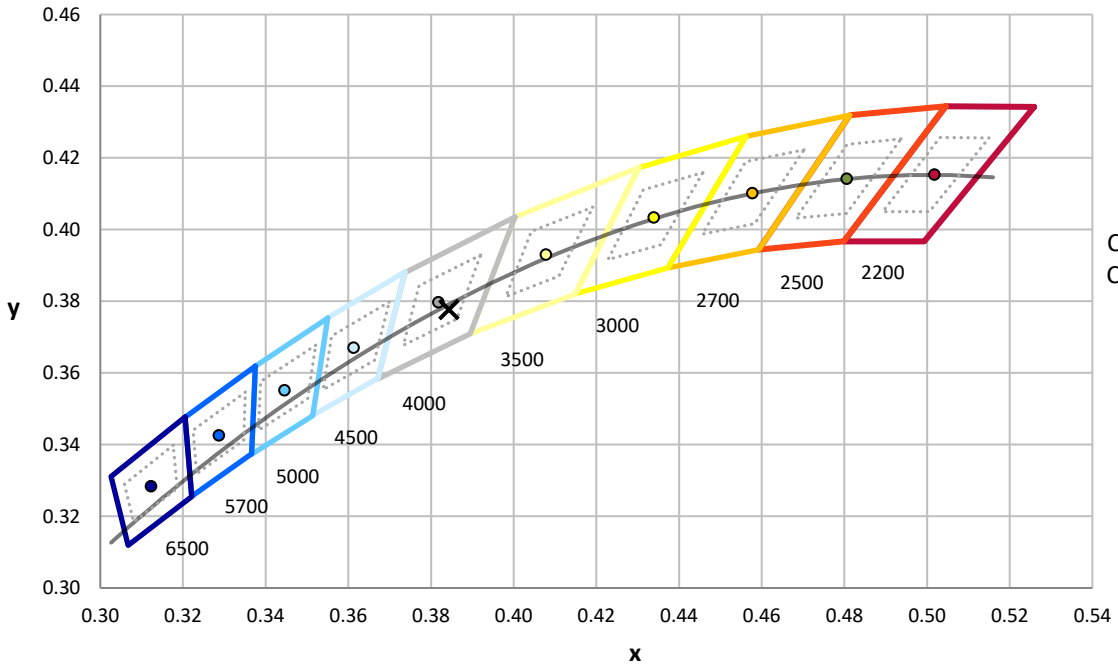
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-1

CIE 1931 Chromaticity Diagram



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



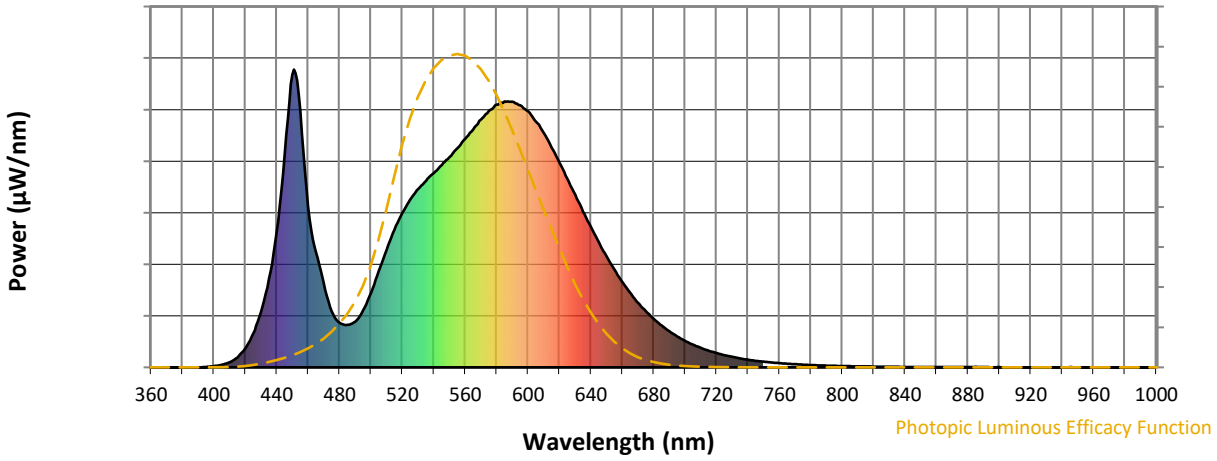
CCT = 3901K
CIE x = 0.3844
CIE y = 0.3776
Duv = -0.0007

Point lies inside the ANSI 4000K 4-step quadrangle

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

REPORT NUMBER: SP1-2406-133-1

Photopic Flux vs. Wavelength



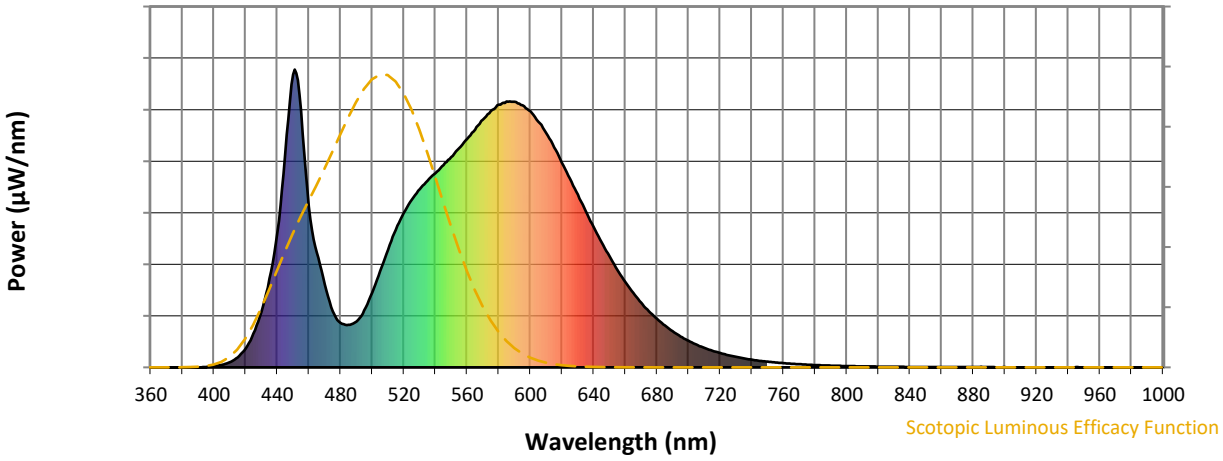
Photopic Lumens: NR

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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

REPORT NUMBER: SP1-2406-133-1

Scotopic Flux vs. Wavelength



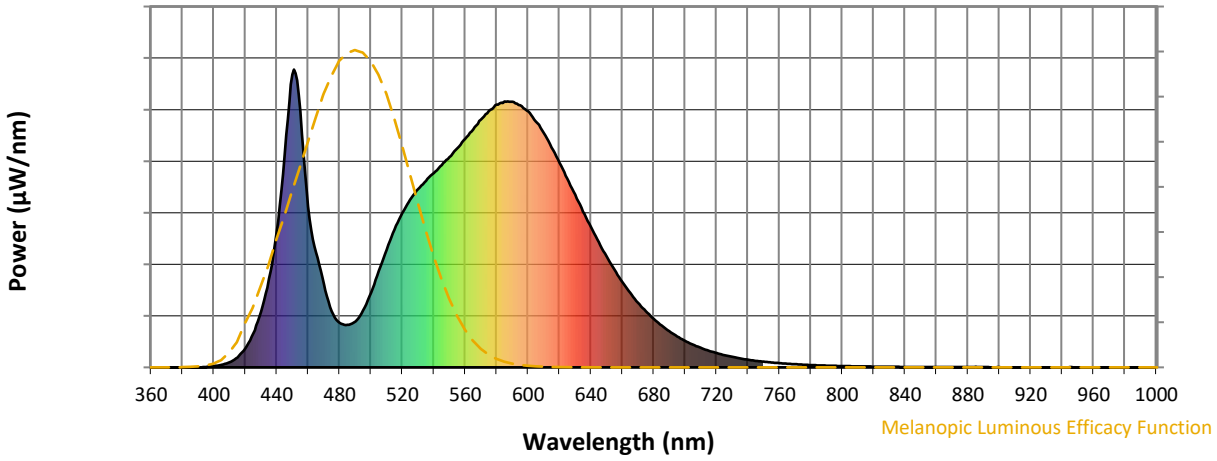
Scotopic Lumens: NR **S/P: 1.53**

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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

REPORT NUMBER: SP1-2406-133-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.04**

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	154	NR	620	687	NR	750	19	NR	880	1	NR
365	0	NR	495	191	NR	625	634	NR	755	17	NR	885	2	NR
370	0	NR	500	251	NR	630	581	NR	760	14	NR	890	1	NR
375	0	NR	505	323	NR	635	524	NR	765	12	NR	895	0	NR
380	0	NR	510	395	NR	640	471	NR	770	11	NR	900	1	NR
385	0	NR	515	462	NR	645	420	NR	775	9	NR	905	0	NR
390	0	NR	520	520	NR	650	373	NR	780	8	NR	910	0	NR
395	1	NR	525	563	NR	655	328	NR	785	7	NR	915	0	NR
400	4	NR	530	599	NR	660	286	NR	790	6	NR	920	0	NR
405	8	NR	535	627	NR	665	250	NR	795	5	NR	925	0	NR
410	17	NR	540	653	NR	670	217	NR	800	4	NR	930	0	NR
415	34	NR	545	679	NR	675	188	NR	805	4	NR	935	0	NR
420	63	NR	550	706	NR	680	163	NR	810	3	NR	940	0	NR
425	114	NR	555	737	NR	685	140	NR	815	3	NR	945	1	NR
430	186	NR	560	768	NR	690	121	NR	820	3	NR	950	0	NR
435	297	NR	565	798	NR	695	104	NR	825	2	NR	955	0	NR
440	454	NR	570	831	NR	700	89	NR	830	2	NR	960	0	NR
445	713	NR	575	860	NR	705	77	NR	835	2	NR	965	0	NR
450	983	NR	580	882	NR	710	65	NR	840	2	NR	970	0	NR
455	861	NR	585	893	NR	715	56	NR	845	1	NR	975	0	NR
460	540	NR	590	892	NR	720	48	NR	850	1	NR	980	0	NR
465	386	NR	595	880	NR	725	41	NR	855	1	NR	985	0	NR
470	279	NR	600	859	NR	730	35	NR	860	1	NR	990	0	NR
475	188	NR	605	825	NR	735	30	NR	865	1	NR	995	0	NR
480	149	NR	610	787	NR	740	26	NR	870	1	NR	1000	0	NR
485	143	NR	615	738	NR	745	22	NR	875	1	NR			

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

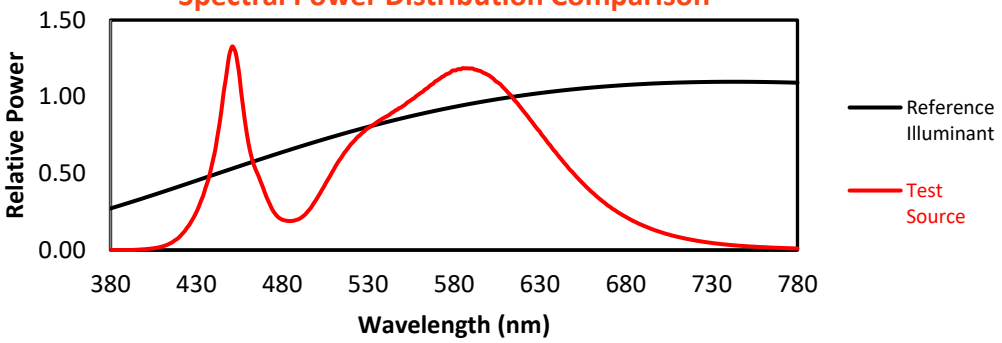
REPORT NUMBER: SP1-2406-133-1

TM-30-18

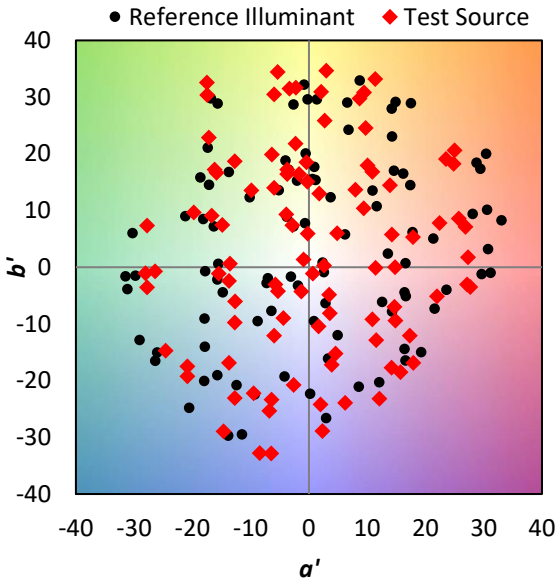
Summary

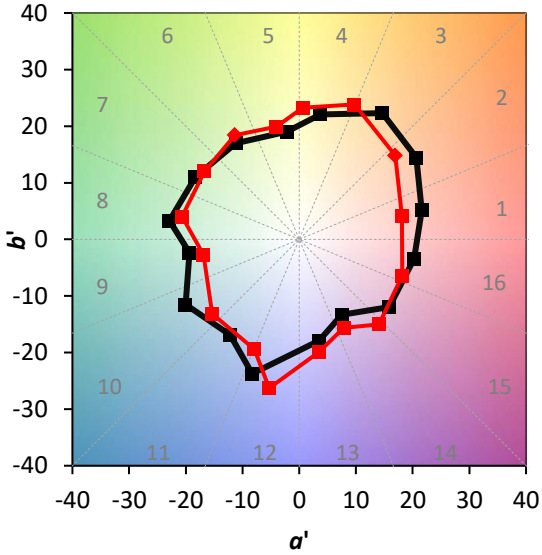
R_f = 76.2
R_g = 94.4
CIE R_a = 74.5
R_9 = -23.4

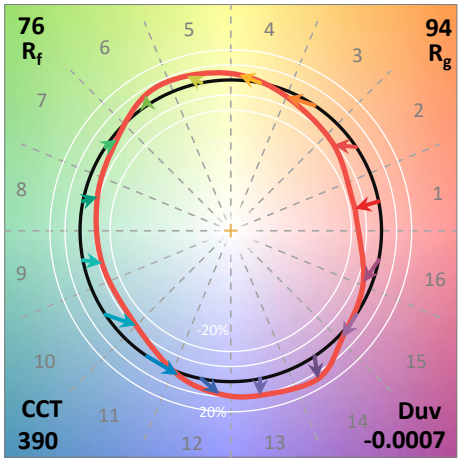
Spectral Power Distribution Comparison

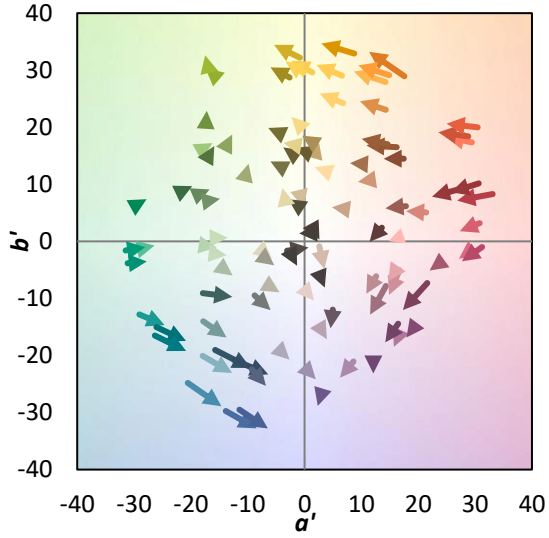


Color Vector Graphics









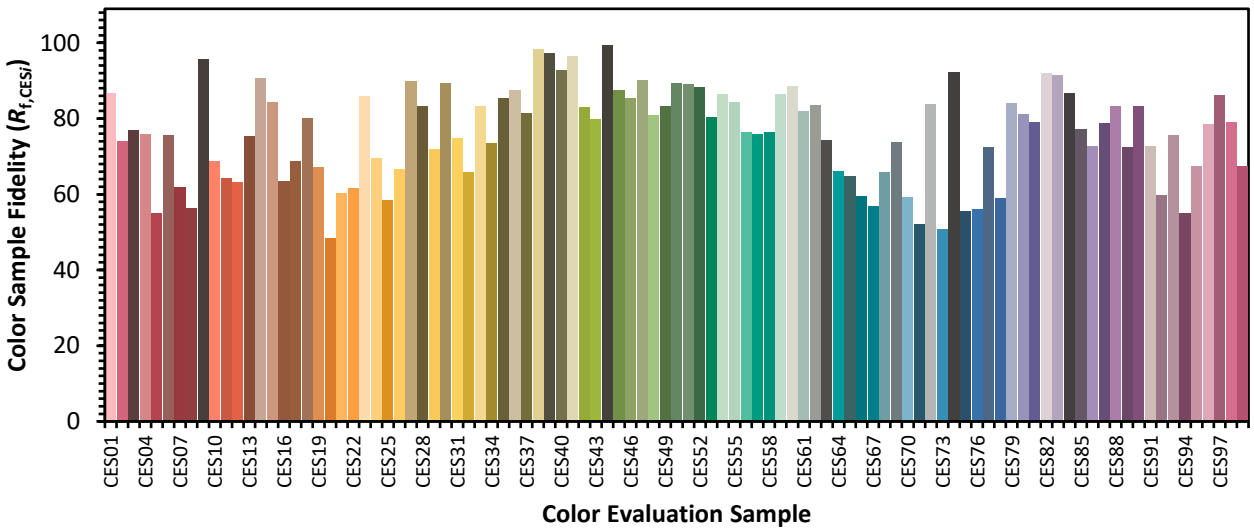
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-1

TM-30-18

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

CES01 = 85	CES26 = 67	CES51 = 89	CES76 = 56
CES02 = 61	CES27 = 90	CES52 = 88	CES77 = 72
CES03 = 30	CES28 = 83	CES53 = 80	CES78 = 59
CES04 = 70	CES29 = 72	CES54 = 86	CES79 = 84
CES05 = 48	CES30 = 89	CES55 = 84	CES80 = 81
CES06 = 51	CES31 = 75	CES56 = 77	CES81 = 79
CES07 = 40	CES32 = 66	CES57 = 76	CES82 = 92
CES08 = 39	CES33 = 83	CES58 = 76	CES83 = 92
CES09 = 29	CES34 = 74	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 85	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 87	CES61 = 82	CES86 = 73
CES12 = 63	CES37 = 81	CES62 = 84	CES87 = 79
CES13 = 42	CES38 = 98	CES63 = 74	CES88 = 83
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 72
CES15 = 71	CES40 = 93	CES65 = 65	CES90 = 83
CES16 = 46	CES41 = 96	CES66 = 59	CES91 = 73
CES17 = 49	CES42 = 83	CES67 = 57	CES92 = 60
CES18 = 56	CES43 = 80	CES68 = 66	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 74	CES94 = 55
CES20 = 65	CES45 = 87	CES70 = 59	CES95 = 67
CES21 = 86	CES46 = 85	CES71 = 52	CES96 = 78
CES22 = 78	CES47 = 90	CES72 = 84	CES97 = 86
CES23 = 92	CES48 = 81	CES73 = 51	CES98 = 79
CES24 = 91	CES49 = 83	CES74 = 92	CES99 = 68
CES25 = 72	CES50 = 89	CES75 = 56	

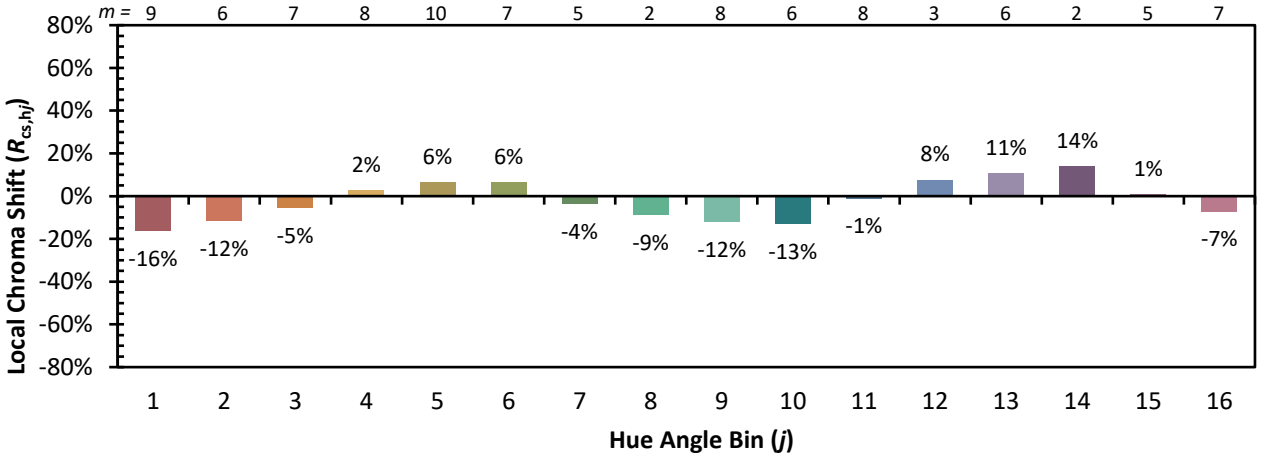


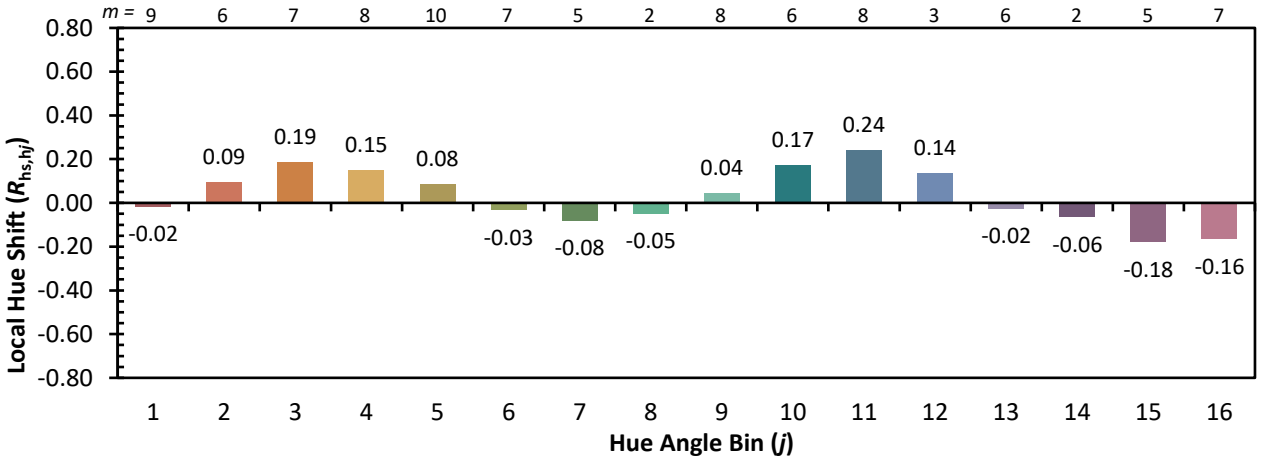
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

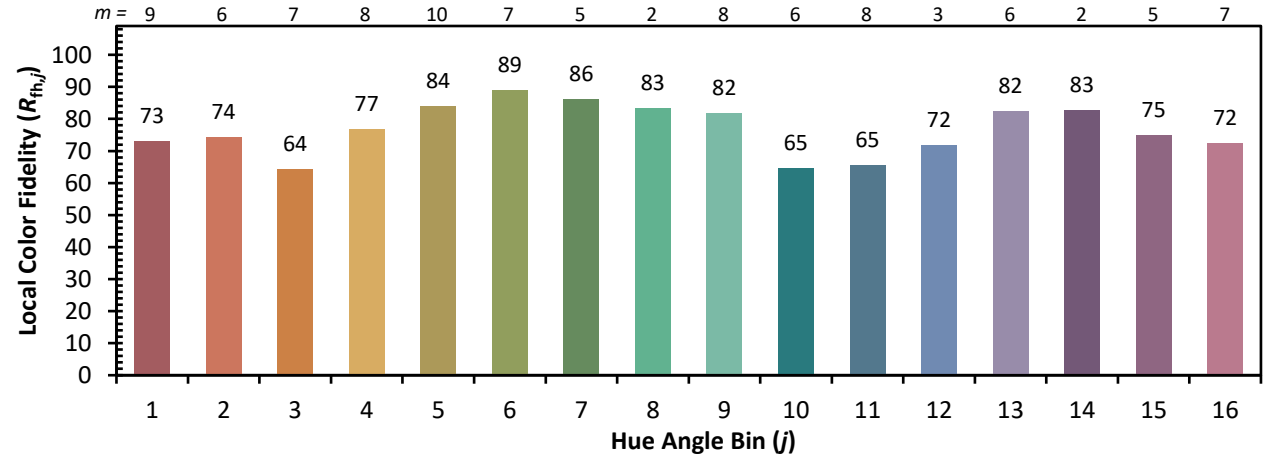
REPORT NUMBER: SP1-2406-133-1

TM-30-18

Color Rendition by Hue-Angle Bin





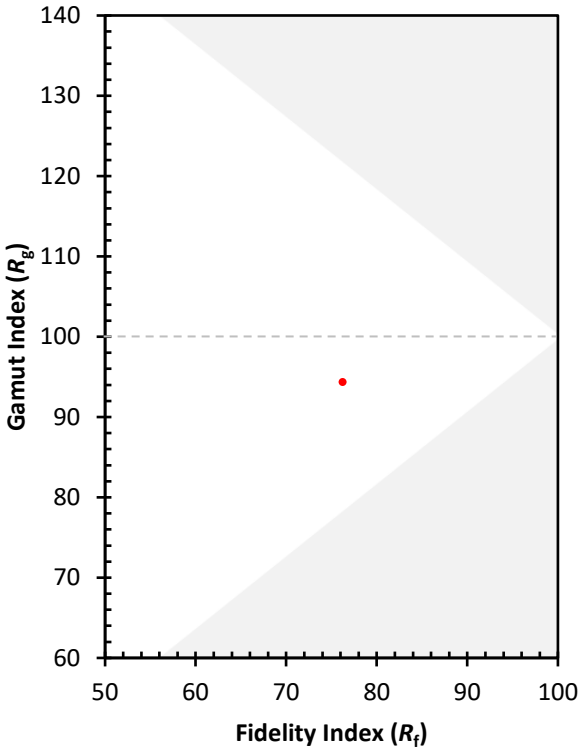


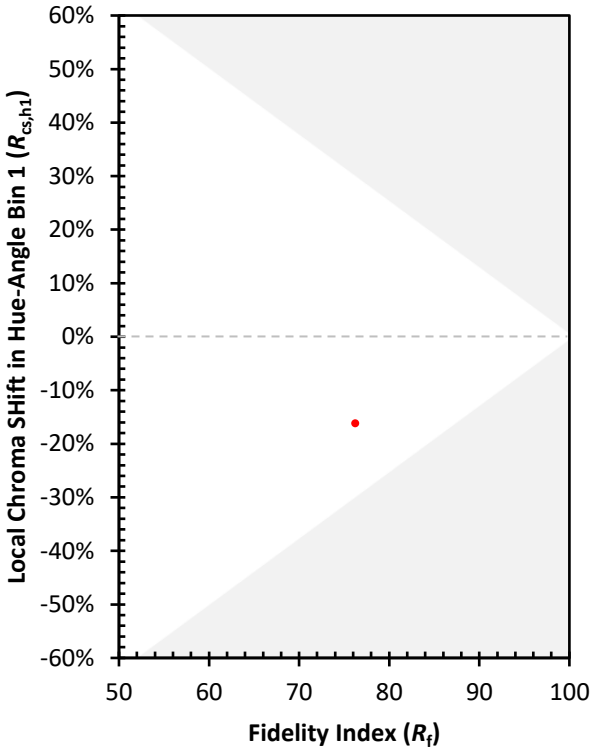
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-1

TM-30-18

Measure Comparisons





(END OF REPORT)