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: P856270

Luminaire Tested: **FFX-CLB-30-740-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:	P856270
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/16/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	FFX-CLB-30-740-U-PG
Description:	FAIRFAX POST TOP FIXTURE w/ PRISMATIC GLOBE
Light Source:	(6) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5141.8 lumens
Efficiency:	N/A
Efficacy:	168.6 lumens/watt
Luminous Opening:	Vertical Cylinder (Dia: 1.58' x H: 1.5')
IES Classification:	Type V - Short
BUG Rating:	B2 - U5 - G3

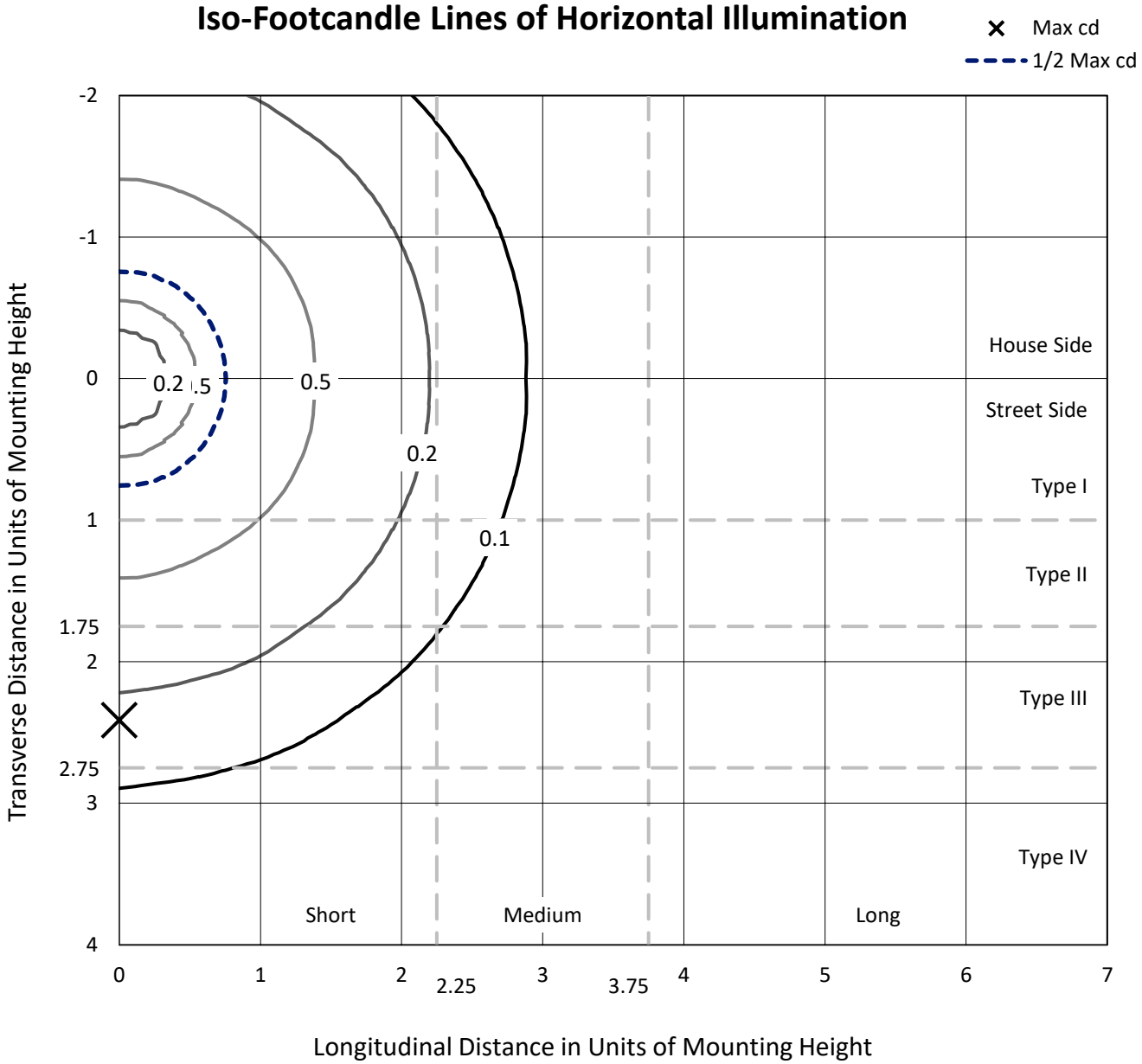
Input Watts (W):	30.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	10.6%%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

REPORT NUMBER: P856270
CATALOG NUMBER: FFX-CLB-30-740-U-PG

Iso-Footcandle Lines of Horizontal Illumination



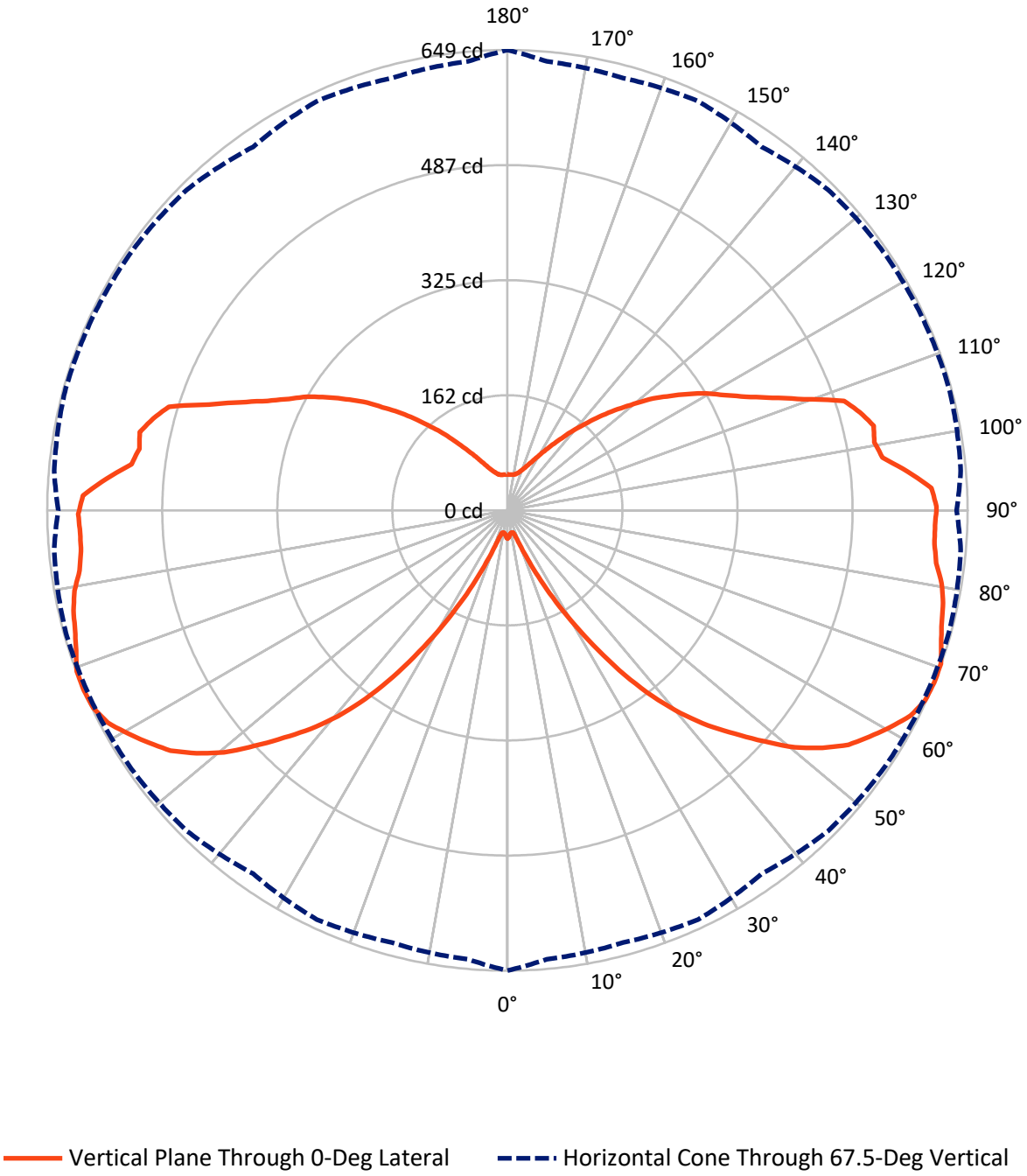
Based on 15 foot mounting height. Maximum calculated value = 0.8 fc
Type V - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P856270
CATALOG NUMBER: FFX-CLB-30-740-U-PG

Luminous Intensity Polar Plot



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

Scaled Data Report

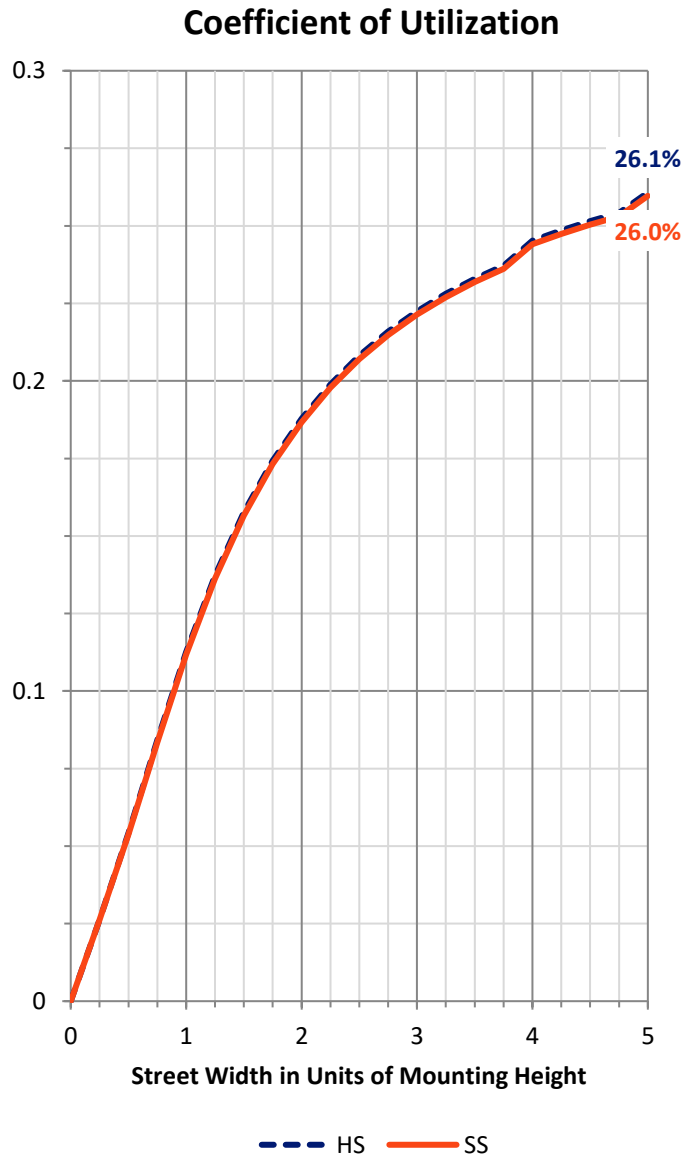
REPORT NUMBER: P856270
CATALOG NUMBER: FFX-CLB-30-740-U-PG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1533.9	1037.0	2570.9
	% Fixture	29.8	20.2	50.0
Street Side	Lumens	1533.9	1037.0	2570.9
	% Fixture	29.8	20.2	50.0
Total	Lumens	3067.9	2074.0	5141.8
	% Fixture	59.7	40.3	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.1
10°-20°	11.0	0.2
20°-30°	54.9	1.1
30°-40°	180.4	3.5
40°-50°	349.0	6.8
50°-60°	516.4	10.0
60°-70°	627.8	12.2
70°-80°	662.8	12.9
80°-90°	662.3	12.9
90°-100°	619.5	12.0
100°-110°	551.1	10.7
110°-120°	377.0	7.3
120°-130°	253.2	4.9
130°-140°	147.0	2.9
140°-150°	72.4	1.4
150°-160°	33.4	0.7
160°-170°	15.4	0.3
170°-180°	4.8	0.1
0°-90°	3067.9	59.7
0°-180°	5141.8	100.0



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

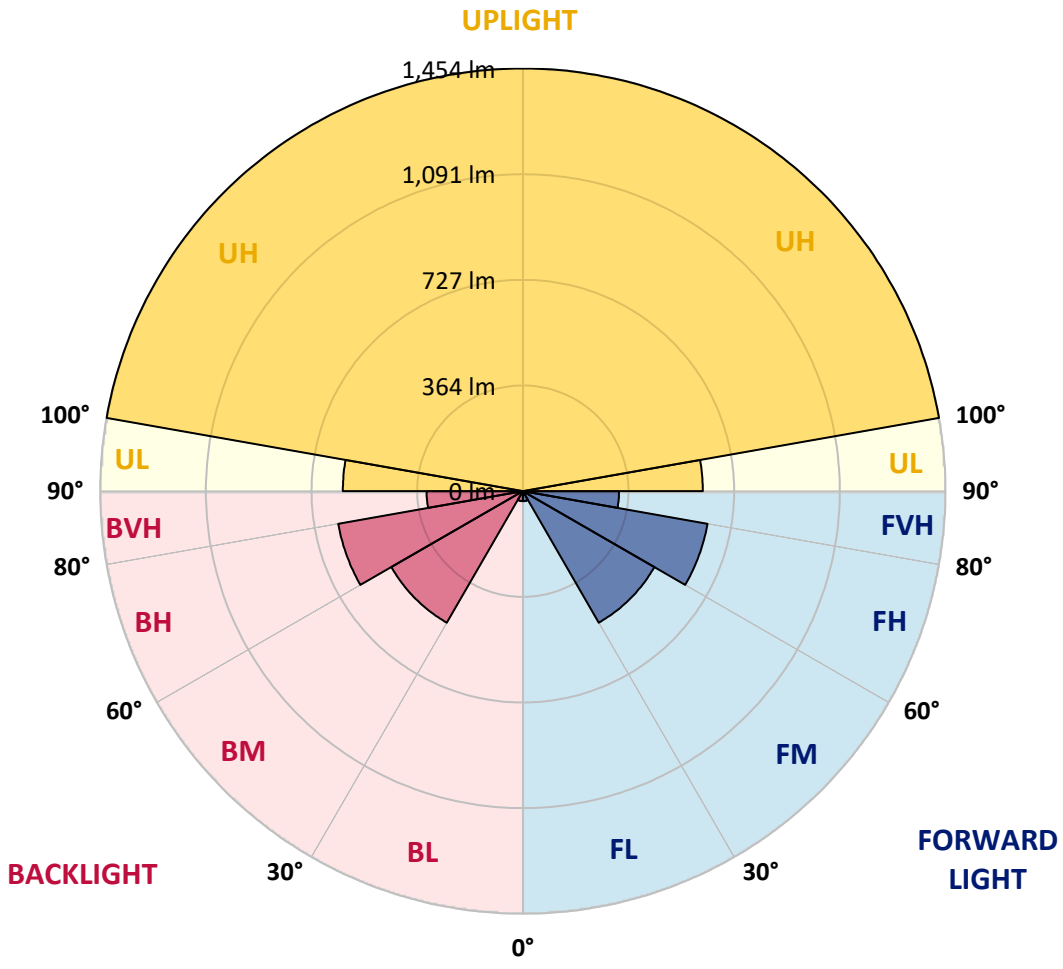
Scaled Data Report

REPORT NUMBER: P856270
CATALOG NUMBER: FFX-CLB-30-740-U-PG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	34.6	0.7			
FM	(30°-60°)	522.9	10.2			
FH	(60°-80°)	645.3	12.5			G0/660
FVH	(80°-90°)	331.1	6.4			G3/500
BL	(0°-30°)	34.6	0.7	B0/110		
BM	(30°-60°)	522.9	10.2	B1/1000		
BH	(60°-80°)	645.3	12.5	B2/1000		G0/660
BVH	(80°-90°)	331.1	6.4			G3/500
UL	(90°-100°)	619.5	12.0		U4/1000	
UH	(100°-180°)	1454.4	28.3		U5	

BUG Rating: B2-U5-G3
Type V Short



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

Scaled Data Report

REPORT NUMBER: P856270
CATALOG NUMBER: FFX-CLB-30-740-U-PG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
2.5°	38.3	37.9	37.6	37.3	37.6	37.9	38.6	38.9	38.9	38.9	38.9
5°	34.7	35.0	35.4	35.7	35.7	35.7	35.7	36.0	36.3	36.3	36.3
7.5°	32.8	32.8	33.1	34.1	34.4	34.1	34.1	34.4	33.4	32.4	32.1
10°	31.8	31.8	32.1	32.4	32.8	33.4	33.7	33.7	33.7	33.7	33.4
12.5°	32.1	31.8	32.1	32.4	33.1	33.4	32.8	32.8	33.4	34.1	34.4
15°	33.7	33.4	33.4	34.1	34.4	34.4	33.7	33.7	34.1	34.7	34.7
17.5°	40.9	40.2	39.9	40.2	39.9	40.2	39.9	40.5	40.5	40.2	39.9
20°	55.8	55.1	54.2	53.8	54.2	55.1	55.5	56.4	55.5	55.1	53.8
22.5°	79.1	78.2	77.5	77.5	78.5	79.1	78.8	80.1	79.5	79.1	77.8
25°	109.0	108.3	108.7	110.3	111.9	110.9	108.3	110.3	110.3	110.0	109.6
27.5°	146.3	144.0	145.0	149.2	150.5	147.9	145.0	147.3	148.2	148.5	148.5
30°	188.8	187.1	186.8	191.4	193.0	190.7	188.8	191.4	191.4	192.3	192.3
32.5°	234.8	233.9	232.2	234.8	237.4	236.8	236.8	238.7	238.1	239.0	239.4
35°	285.4	283.5	280.2	280.6	283.5	283.8	286.1	287.4	286.7	286.4	286.4
37.5°	333.1	330.5	327.6	326.0	329.5	329.2	334.4	334.4	333.1	333.4	333.4
40°	376.2	374.6	372.3	367.8	374.6	373.3	379.5	379.5	375.9	376.9	376.2
42.5°	414.8	414.8	412.2	405.4	412.6	411.3	419.4	419.4	414.5	414.2	413.2
45°	449.5	451.2	449.9	443.7	446.3	447.3	455.1	453.4	449.5	449.5	447.9
47.5°	486.8	488.5	483.9	477.4	480.4	482.0	489.1	488.5	486.2	483.3	483.3
50°	525.8	526.1	517.0	509.2	511.8	520.2	525.4	526.7	521.9	515.1	514.7
52.5°	556.6	558.5	549.8	541.3	543.3	553.0	558.8	559.2	553.0	543.3	546.2
55°	583.8	585.8	577.0	569.5	573.4	578.6	585.4	581.5	581.9	571.5	576.4
57.5°	602.3	608.8	594.2	592.6	596.1	602.3	605.2	604.3	606.2	596.5	598.1
60°	620.8	623.7	611.4	613.7	609.4	620.5	622.7	625.0	619.8	613.0	613.0
62.5°	638.3	631.2	622.4	627.9	616.6	630.5	633.1	635.7	630.2	623.7	625.0
65°	647.4	634.4	627.0	633.8	622.7	635.4	639.6	640.6	639.6	633.4	630.5
67.5°	649.3	635.7	631.2	636.7	625.7	639.6	643.5	645.4	646.4	641.9	633.8
70°	648.7	634.1	630.2	635.4	628.3	641.2	641.6	644.5	645.8	647.7	638.6
72.5°	639.9	627.3	626.3	630.8	624.4	632.8	633.1	636.7	634.7	640.9	636.4
75°	632.8	624.4	626.0	625.0	618.5	623.4	624.7	628.9	621.8	627.6	631.5
77.5°	628.3	623.7	627.6	622.4	615.6	618.8	620.8	625.7	615.0	619.8	631.2
80°	621.1	619.8	624.7	616.9	611.1	614.0	617.2	621.4	609.8	613.0	629.2
82.5°	609.4	610.4	615.0	605.9	602.0	605.2	609.1	615.6	603.6	605.5	622.7
85°	604.3	608.5	610.7	601.7	597.1	599.1	603.3	610.1	597.4	600.4	617.9
87.5°	603.6	608.8	610.4	602.6	598.7	601.7	603.6	613.3	599.7	603.3	621.1
90°	605.5	607.5	608.5	601.7	598.4	603.0	603.3	615.3	601.7	602.6	618.5
92.5°	599.1	599.4	601.3	595.2	594.8	598.1	597.4	607.5	592.6	590.3	603.9
95°	567.6	565.0	569.2	566.0	572.8	577.7	583.2	595.8	588.4	590.3	602.0
97.5°	534.2	534.8	536.1	530.9	530.0	531.9	534.2	540.7	538.4	540.4	551.4
100°	526.4	528.7	528.4	525.8	515.1	512.8	507.9	501.1	492.0	493.3	494.9
102.5°	530.3	536.5	537.4	541.0	541.0	539.4	543.0	540.0	541.7	551.1	545.9
105°	516.4	523.5	528.0	531.9	539.4	545.5	562.1	572.1	580.2	591.6	590.0
107.5°	499.5	503.1	506.3	506.3	504.4	503.4	512.5	514.1	511.8	514.7	515.1
110°	446.9	446.6	449.9	448.6	449.5	444.3	446.9	455.7	453.8	459.6	460.6

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

Scaled Data Report

REPORT NUMBER: P856270
CATALOG NUMBER: FFX-CLB-30-740-U-PG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	*406.1*	406.1	408.3	405.1	405.4	401.2	402.8	408.7	409.0	413.9	416.5
115°	*371.7*	371.0	374.3	371.7	368.8	367.8	369.4	373.0	374.0	377.2	382.4
117.5°	*346.1*	342.8	345.4	345.7	347.0	344.5	348.3	350.6	351.9	354.5	358.7
120°	*325.0*	321.7	322.7	326.0	329.9	324.3	328.6	330.5	331.5	332.5	334.4
122.5°	*301.0*	298.7	297.7	304.2	306.5	301.6	303.9	306.8	308.5	310.1	311.7
125°	*276.7*	274.7	273.7	279.6	281.9	278.0	281.2	285.4	284.8	288.3	285.1
127.5°	*254.6*	254.0	252.7	255.6	257.2	256.9	259.8	265.0	262.7	266.0	262.4
130°	*228.3*	230.9	229.0	232.6	232.9	235.5	236.4	241.3	239.0	239.7	237.4
132.5°	*206.9*	207.9	206.9	208.2	209.2	209.2	211.8	217.0	213.4	213.1	211.1
135°	*185.2*	185.5	184.2	186.2	186.8	185.2	187.8	191.7	189.7	188.8	188.8
137.5°	*163.8*	163.5	163.8	164.4	165.1	164.8	166.1	169.0	168.3	167.0	168.7
140°	*145.6*	144.7	145.0	145.3	145.0	145.0	146.3	148.9	148.9	147.3	148.9
142.5°	*127.5*	127.1	127.1	127.1	127.1	127.8	129.1	129.7	130.4	129.1	128.8
145°	*112.2*	111.9	111.6	111.6	111.6	111.9	113.2	112.9	114.2	112.9	111.9
147.5°	*98.6*	98.9	98.3	98.0	97.6	98.6	98.9	99.6	100.2	99.6	98.6
150°	*87.6*	87.2	87.2	86.6	86.6	87.6	87.2	87.9	88.5	88.2	87.9
152.5°	*77.8*	77.8	77.8	77.2	77.5	78.2	78.2	78.2	78.8	78.8	78.5
155°	*70.1*	70.1	70.1	69.7	69.7	70.4	70.4	70.4	70.7	70.7	70.7
157.5°	*64.2*	64.2	63.9	63.9	63.9	64.2	63.9	63.9	64.2	64.2	64.2
160°	*59.7*	59.7	59.4	59.4	59.0	59.4	59.0	59.0	59.4	59.4	59.4
162.5°	*56.1*	56.1	55.8	55.8	55.8	55.8	55.8	55.5	55.5	55.8	55.5
165°	*53.5*	53.5	53.5	53.5	53.5	53.5	53.5	53.2	53.2	53.2	53.2
167.5°	*51.9*	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
170°	*50.9*	50.9	50.9	51.2	51.2	51.2	50.9	50.9	51.2	51.2	50.9
172.5°	*50.6*	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
175°	*50.6*	50.6	50.6	50.6	50.6	50.6	50.3	50.6	50.6	50.6	50.6
177.5°	*50.6*	50.3	50.3	50.6	50.6	50.3	50.3	50.3	50.3	50.3	50.3
180°	*50.6*	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6

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

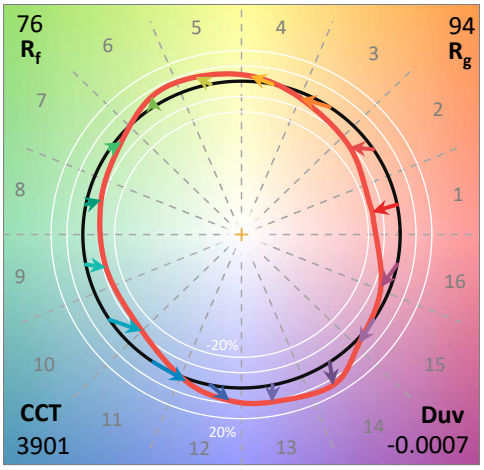
Test Information

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
CIE u':	0.2273
CIE v':	0.5026
Duv:	-0.0007
CIE x:	0.3844
CIE y:	0.3776
CIE z:	0.2380
Peak Wavelength (nm):	451
Dominant Wavelength (nm):	579
Purity:	28.6799
Rf:	76.2
Rg:	94.4

CRI (Ra):	74.5				
R1:	71.8	R9:	-23.4
R2:	81.9	R10:	56.6
R3:	89.3	R11:	68.4
R4:	72.6	R12:	46.6
R5:	71.3	R13:	73.7
R6:	74.0	R14:	93.9
R7:	81.5	R15:	65.1
R8:	53.3		



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

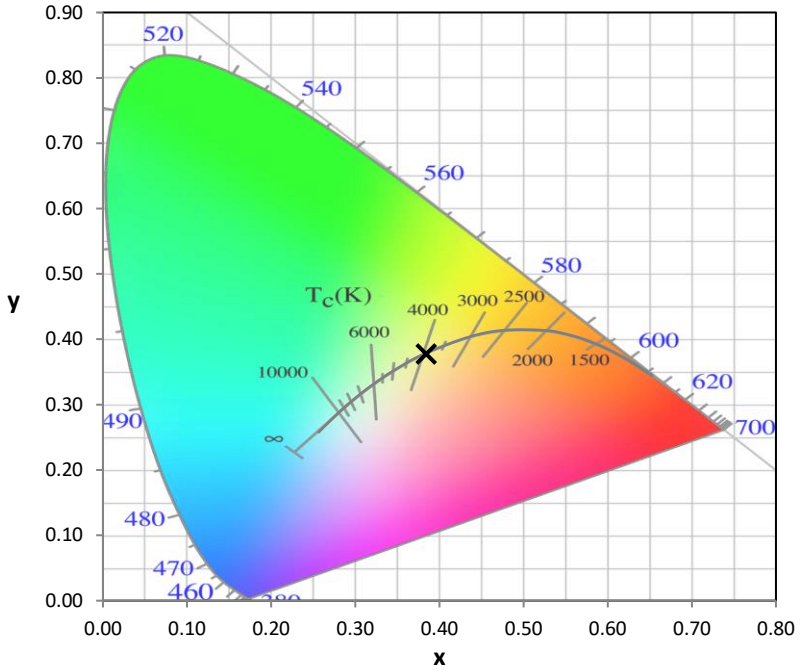
REPORT NUMBER: SP1-2406-133-1

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

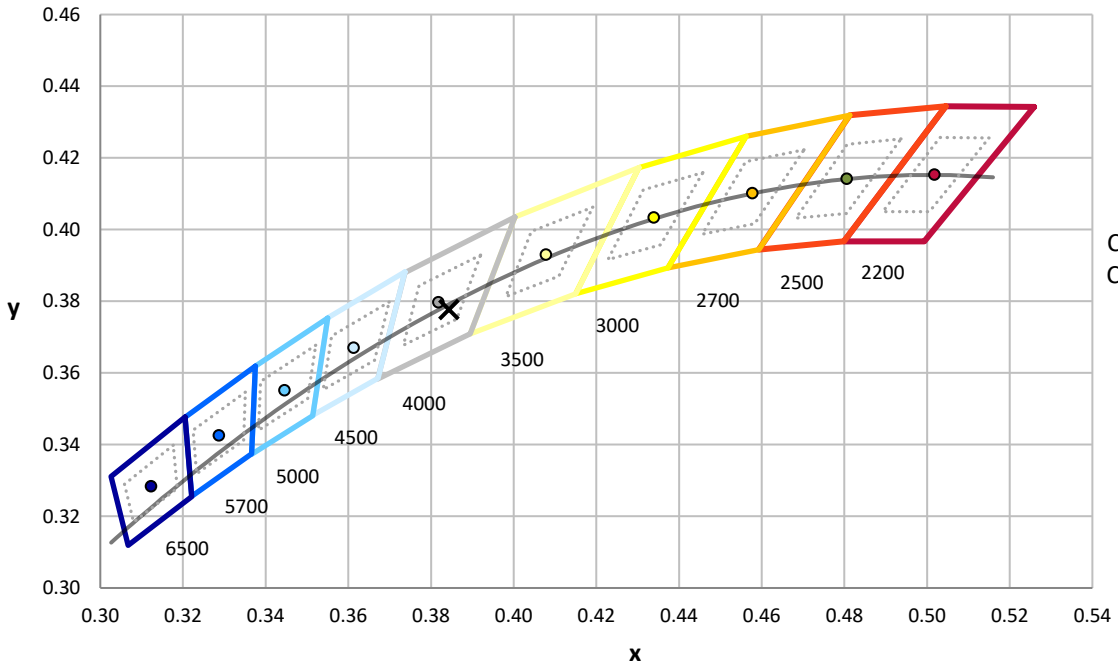
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-1

CIE 1931 Chromaticity Diagram



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



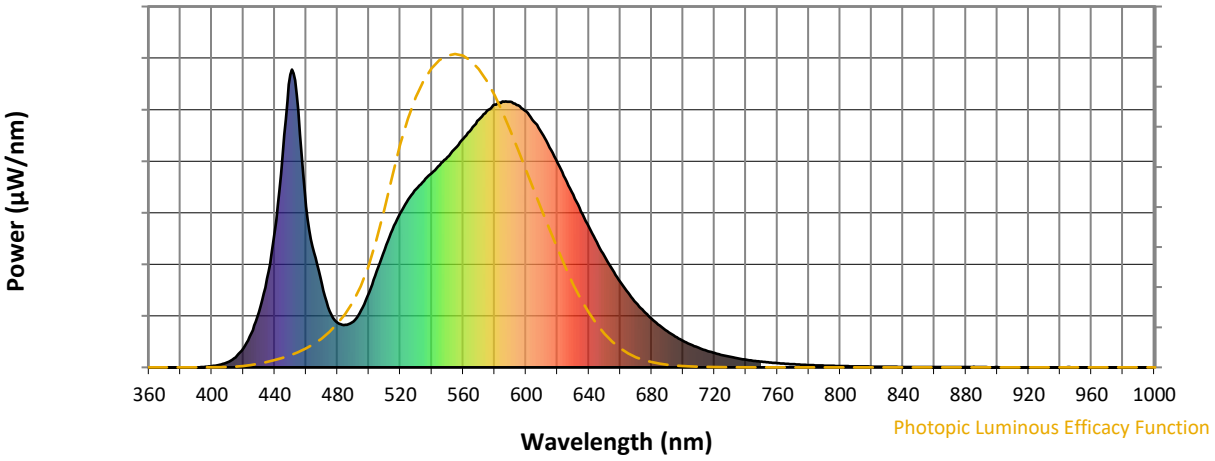
CCT = 3901K
CIE x = 0.3844
CIE y = 0.3776
Duv = -0.0007

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



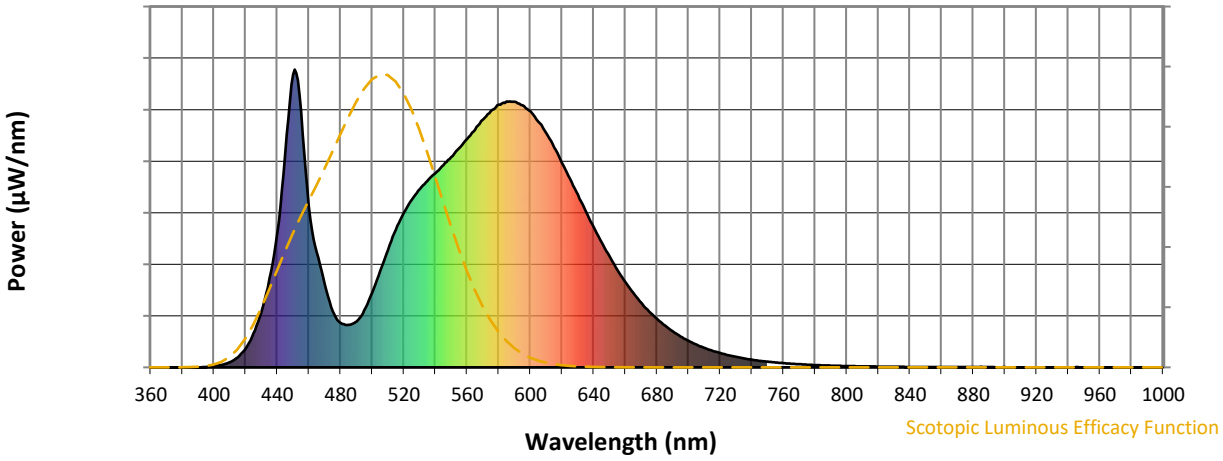
Photopic Lumens: NR

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



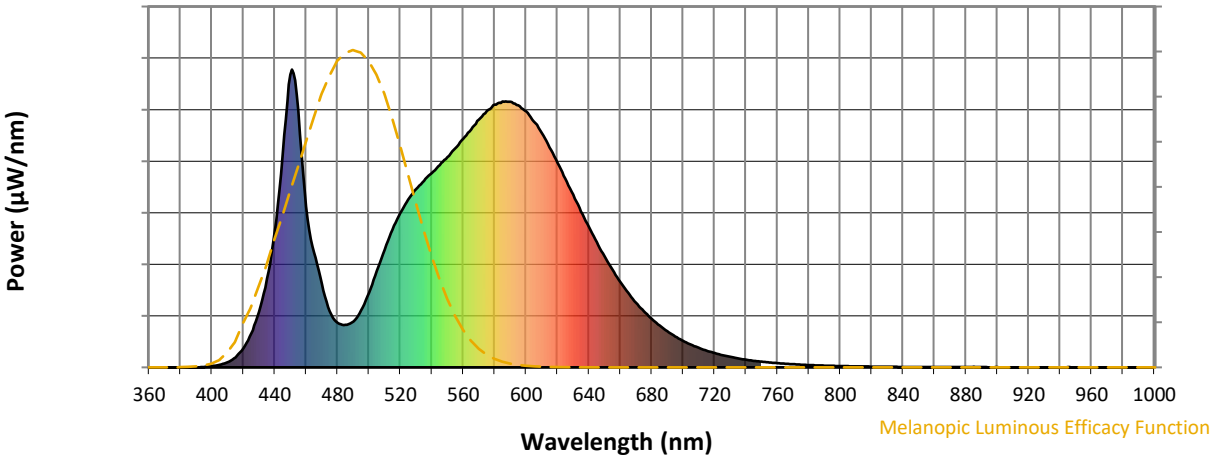
Scotopic Lumens: NR **S/P: 1.53**

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

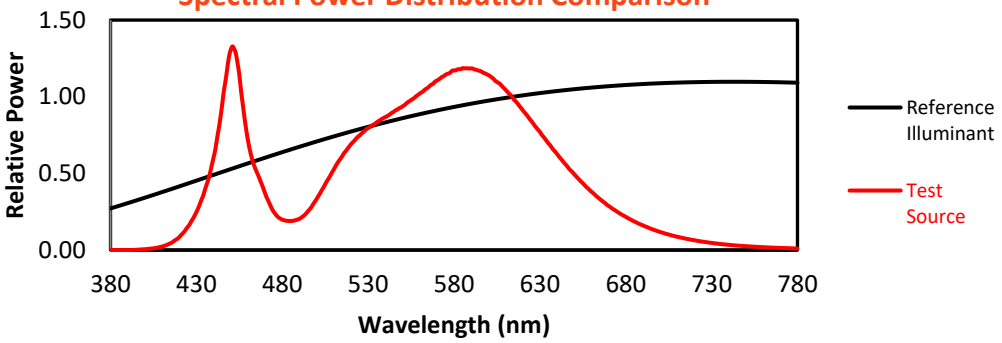
REPORT NUMBER: SP1-2406-133-1

TM-30-18

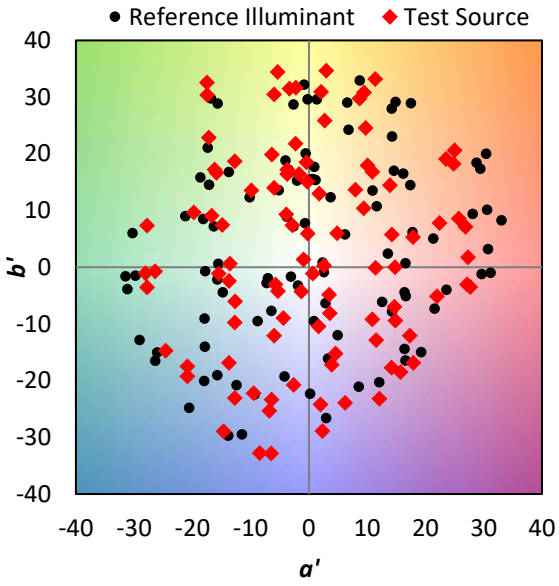
Summary

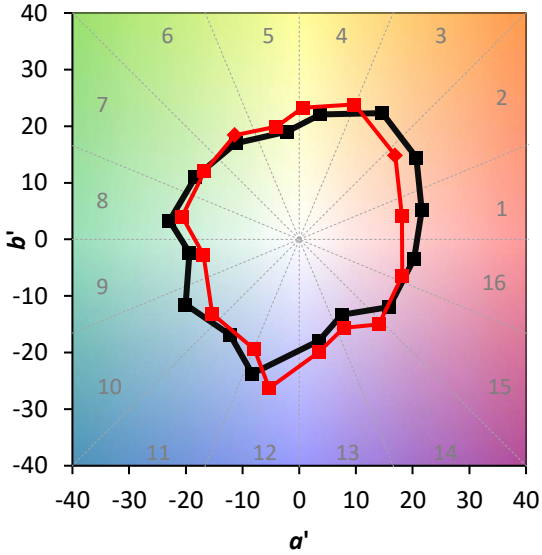
R_f = 76.2
R_g = 94.4
CIE R_a = 74.5
R_9 = -23.4

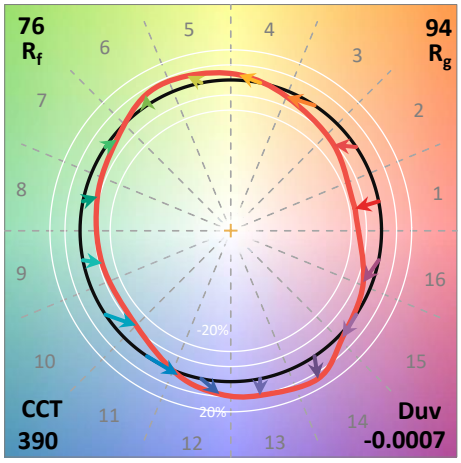
Spectral Power Distribution Comparison

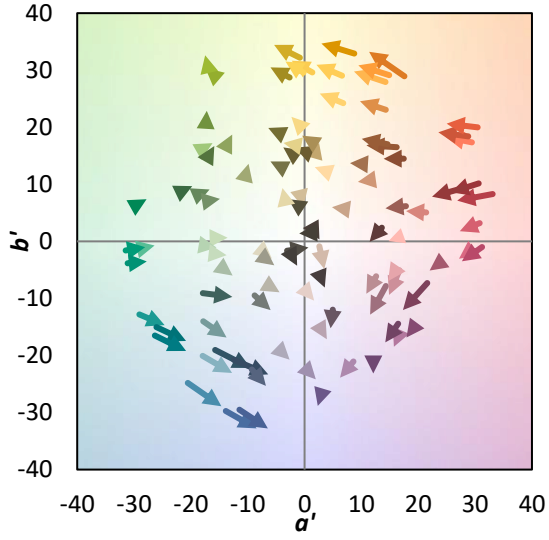


Color Vector Graphics









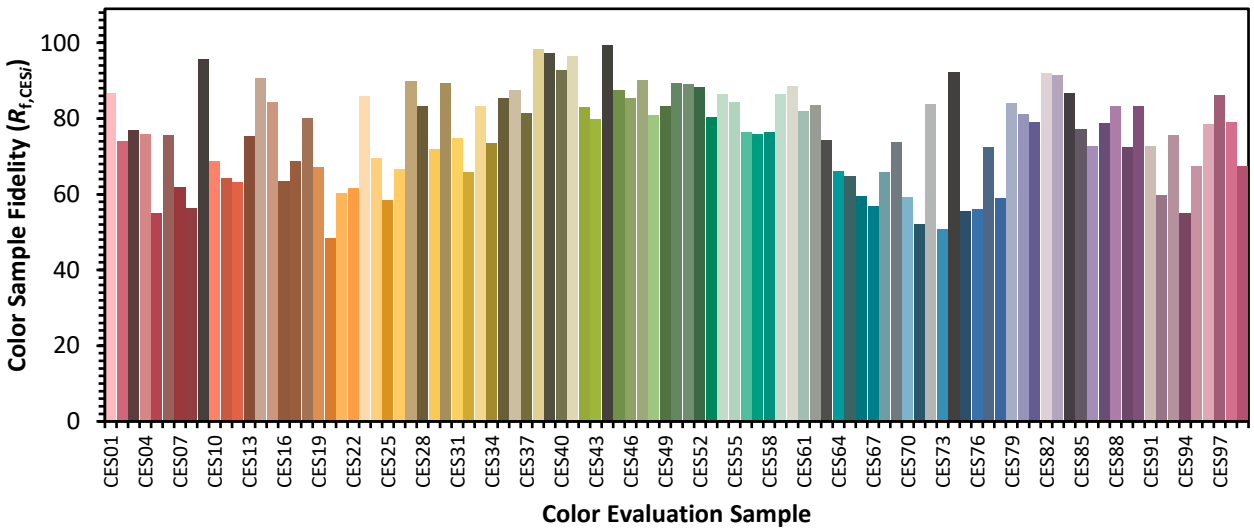
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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	

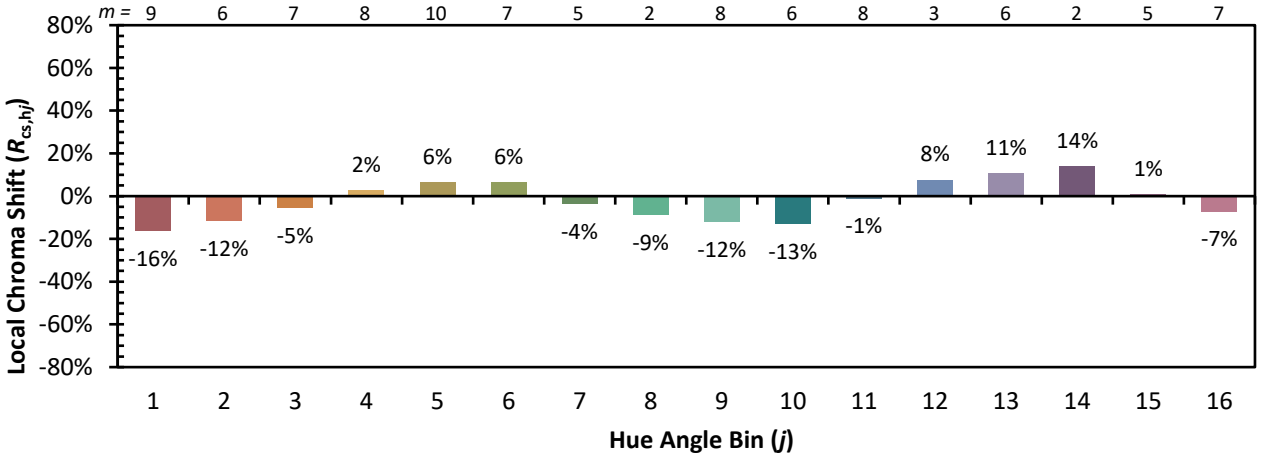


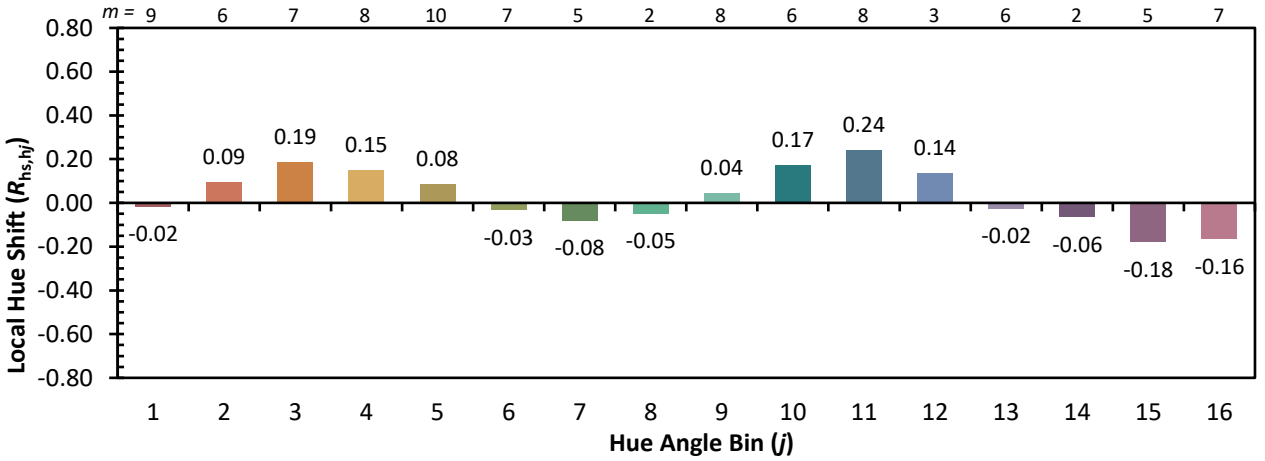
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

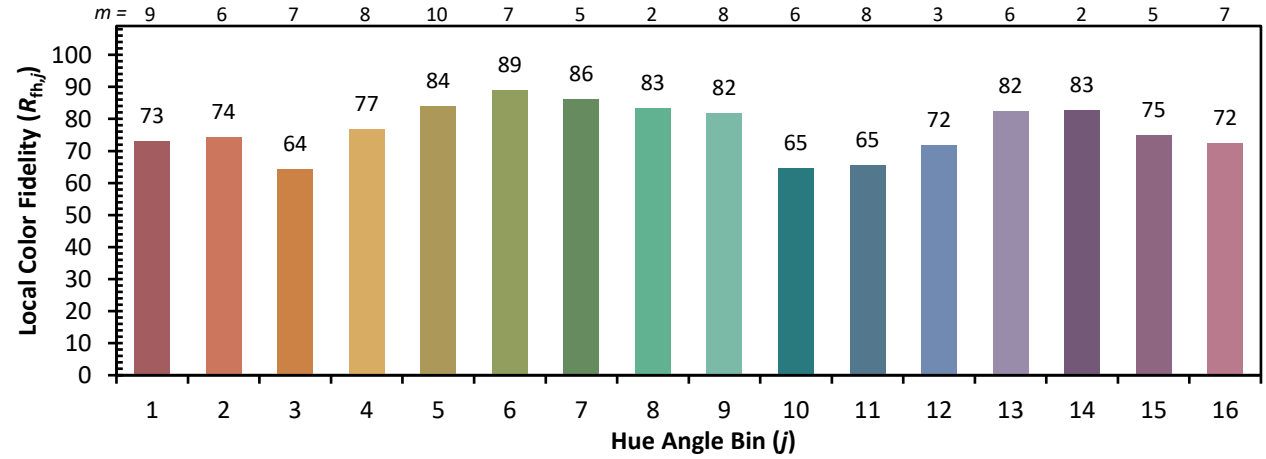
REPORT NUMBER: SP1-2406-133-1

TM-30-18

Color Rendition by Hue-Angle Bin





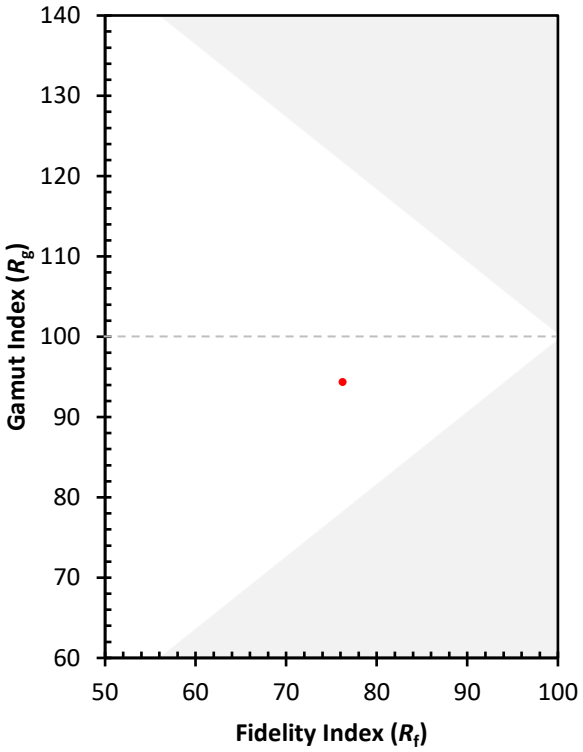


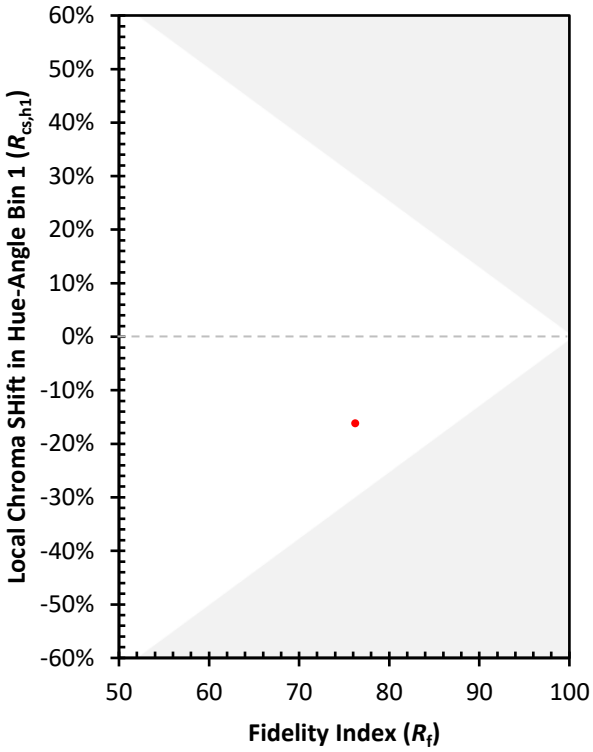
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

REPORT NUMBER: SP1-2406-133-1

TM-30-18

Measure Comparisons





(END OF REPORT)