

Signify Classified - Internal  
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: P856077

Luminaire Tested: **FFX-CLB-70-730-U-FR-T5**

Issue Date: 07/16/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P856077  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: FFX-CLB-70-730-U-FR-T5  
Description: FAIRFAX POST TOP FIXTURE w/ FAIRFAX REFRACTOR T5 DISTRIBUTION LENS  
Light Source: (6) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

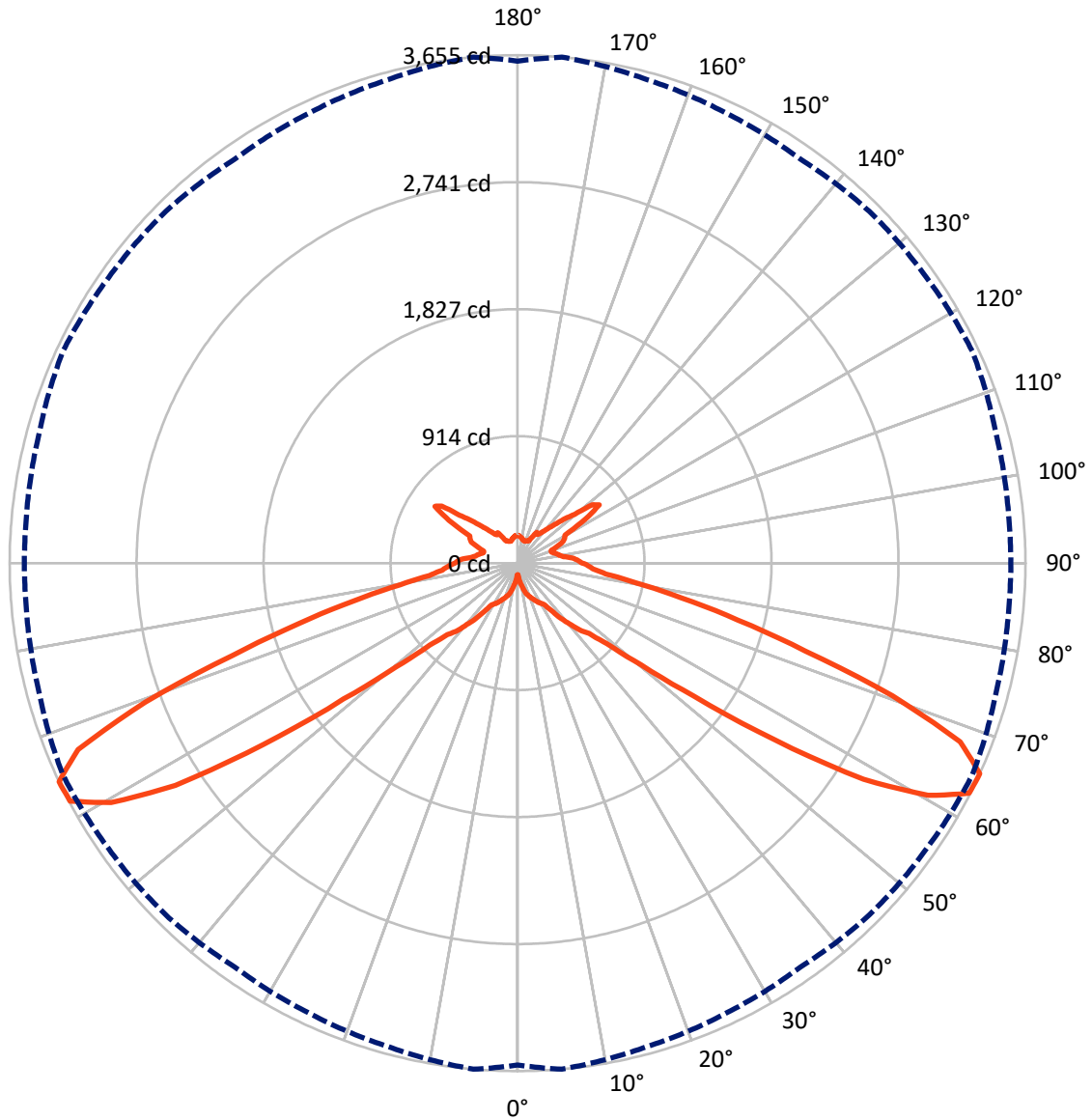
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11176.6 lumens  
Efficiency: N/A  
Efficacy: 159.0 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): 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



REPORT NUMBER: P856077  
CATALOG NUMBER: FFX-CLB-70-730-U-FR-T5

### Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P856077  
 CATALOG NUMBER: FFX-CLB-70-730-U-FR-T5

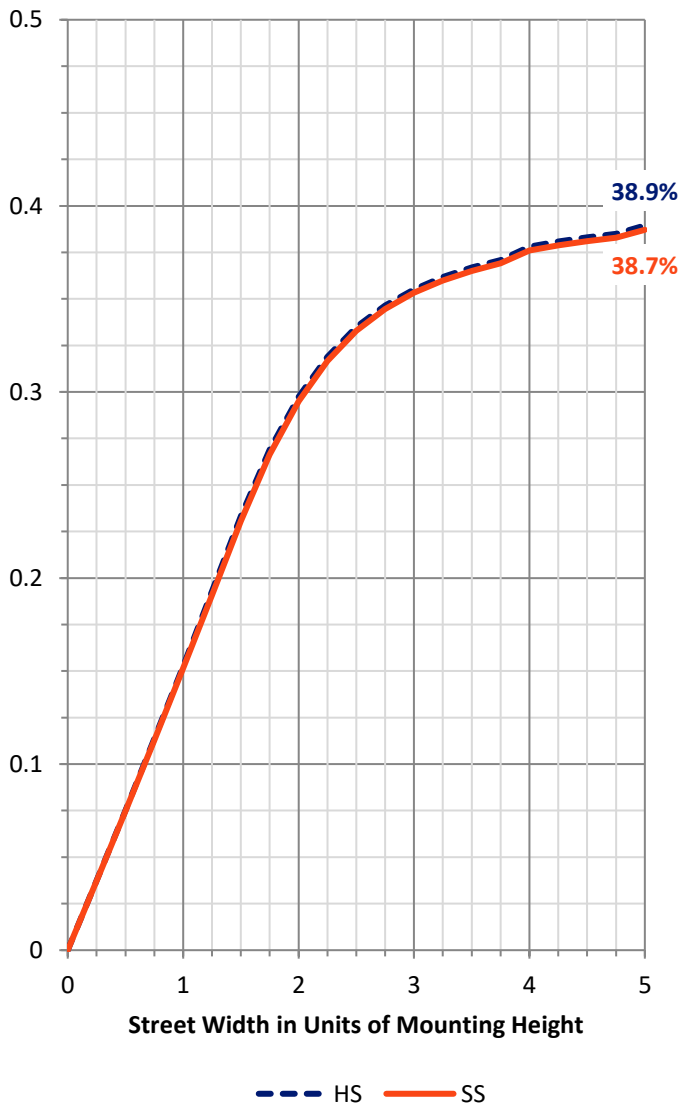
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4503.7	1084.6	5588.3
	% Fixture	40.3	9.7	50.0
<b>Street Side</b>	Lumens	4503.7	1084.6	5588.3
	% Fixture	40.3	9.7	50.0
<b>Total</b>	Lumens	9007.4	2169.2	11176.6
	% Fixture	80.6	19.4	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	12.7	0.1
10°-20°	63.8	0.6
20°-30°	138.7	1.2
30°-40°	275.2	2.5
40°-50°	596.9	5.3
50°-60°	2055.5	18.4
60°-70°	3376.0	30.2
70°-80°	1812.0	16.2
80°-90°	676.6	6.1
90°-100°	427.4	3.8
100°-110°	286.2	2.6
110°-120°	314.6	2.8
120°-130°	520.6	4.7
130°-140°	306.6	2.7
140°-150°	162.2	1.5
150°-160°	85.2	0.8
160°-170°	48.4	0.4
170°-180°	18.2	0.2
0°-90°	9007.4	80.6
0°-180°	11176.6	100.0



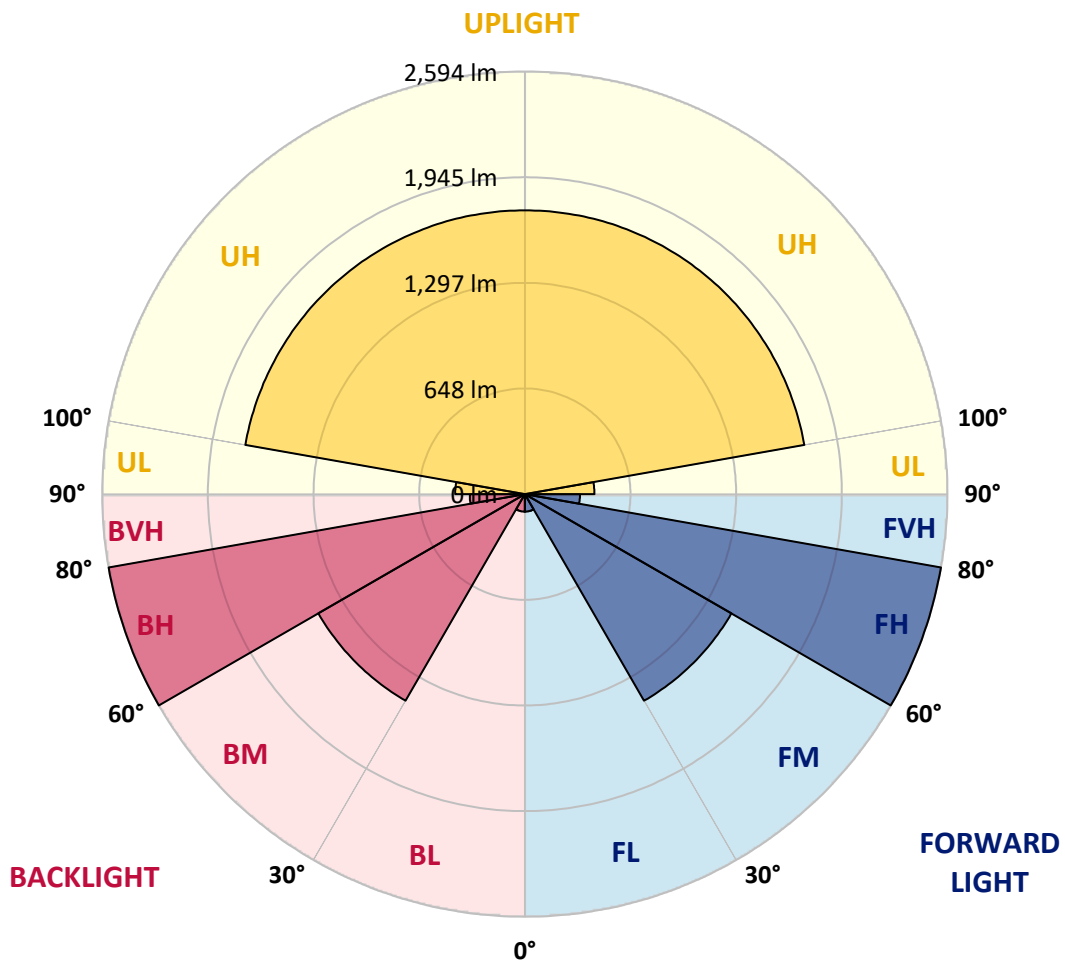
REPORT NUMBER: P856077  
 CATALOG NUMBER: FFX-CLB-70-730-U-FR-T5

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	107.6	1.0			
FM (30°-60°)	1463.8	13.1			
FH (60°-80°)	2594.0	23.2			G2/5000
FVH (80°-90°)	338.3	3.0			G3/500
BL (0°-30°)	107.6	1.0	B0/110		
BM (30°-60°)	1463.8	13.1	B2/2500		
BH (60°-80°)	2594.0	23.2	B4/5000		G2/5000
BVH (80°-90°)	338.3	3.0			G3/500
UL (90°-100°)	427.4	3.8		U3/500	
UH (100°-180°)	1741.9	15.6		U5	

**BUG Rating: B4-U5-G3**

Type V Short





REPORT NUMBER: P856077

CATALOG NUMBER: FFX-CLB-70-730-U-FR-T5

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
2.5°	87.7	87.7	86.6	85.4	86.6	87.7	87.7	88.9	86.6	86.6	87.7
5°	117.3	117.3	117.3	116.2	113.9	113.9	112.8	116.2	117.3	118.5	118.5
7.5°	145.8	144.7	147.0	148.1	142.4	140.1	140.1	141.3	143.5	145.8	148.1
10°	165.2	164.0	165.2	169.7	168.6	165.2	165.2	165.2	168.6	174.3	175.4
12.5°	194.8	194.8	197.1	200.5	201.6	198.2	195.9	195.9	200.5	201.6	200.5
15°	226.7	226.7	225.6	224.4	225.6	224.4	224.4	225.6	229.0	227.8	227.8
17.5°	243.8	242.6	241.5	242.6	242.6	241.5	242.6	244.9	243.8	247.2	248.3
20°	262.0	262.0	259.7	259.7	259.7	260.9	262.0	260.9	262.0	263.2	264.3
22.5°	279.1	279.1	278.0	276.8	278.0	279.1	280.2	278.0	278.0	280.2	280.2
25°	298.5	298.5	298.5	295.0	296.2	297.3	296.2	295.0	296.2	297.3	298.5
27.5°	320.1	320.1	317.8	314.4	315.6	315.6	316.7	314.4	316.7	316.7	316.7
30°	338.3	336.1	334.9	332.6	332.6	334.9	337.2	333.8	334.9	334.9	336.1
32.5°	355.4	355.4	354.3	349.7	348.6	355.4	357.7	356.6	352.0	353.1	354.3
35°	419.2	419.2	411.2	403.3	410.1	409.0	418.1	418.1	418.1	420.4	424.9
37.5°	499.0	502.4	514.9	533.1	533.1	506.9	493.3	492.1	510.4	526.3	525.2
40°	569.6	573.0	569.6	571.9	569.6	570.7	571.9	569.6	559.3	555.9	549.1
42.5°	657.3	658.4	636.8	611.7	614.0	626.6	641.4	642.5	620.9	610.6	608.3
45°	718.8	721.1	713.1	709.7	709.7	714.3	713.1	713.1	705.2	704.0	701.7
47.5°	869.2	864.6	848.7	843.0	849.8	846.4	868.1	862.4	853.2	853.2	861.2
50°	1152.9	1148.3	1149.4	1143.7	1162.0	1135.8	1162.0	1155.1	1141.5	1148.3	1154.0
52.5°	1616.5	1588.0	1591.4	1580.0	1611.9	1588.0	1631.3	1625.6	1581.2	1600.6	1601.7
55°	2284.1	2247.6	2245.3	2169.0	2228.2	2236.2	2290.9	2304.6	2218.0	2219.1	2224.8
57.5°	2945.9	2934.5	2971.0	2923.1	2965.3	2945.9	2944.8	2969.9	2919.7	2926.6	2944.8
60°	3384.5	3393.6	3434.6	3447.2	3462.0	3434.6	3378.8	3390.2	3386.8	3444.9	3449.4
62.5°	3619.2	3646.5	3616.9	3607.8	3595.3	3605.5	3598.7	3605.5	3585.0	3612.4	3613.5
65°	3611.2	3654.5	3601.0	3567.9	3547.4	3579.3	3588.4	3608.9	3565.6	3548.6	3548.6
67.5°	3382.2	3434.6	3350.3	3346.9	3296.8	3350.3	3335.5	3351.5	3317.3	3293.4	3270.6
70°	2813.8	2861.6	2760.2	2772.8	2686.2	2773.9	2751.1	2780.7	2753.4	2706.7	2679.4
72.5°	2120.0	2162.2	2087.0	2106.4	2049.4	2115.5	2080.1	2130.3	2113.2	2092.7	2069.9
75°	1604.0	1637.0	1641.6	1706.5	1638.1	1670.0	1606.2	1635.9	1664.3	1688.3	1663.2
77.5°	1180.2	1203.0	1271.3	1343.1	1275.9	1298.7	1234.9	1263.4	1289.6	1330.6	1312.3
80°	833.9	860.1	922.7	976.3	927.3	947.8	906.8	922.7	943.2	972.9	953.5
82.5°	649.3	640.2	637.9	624.3	609.5	660.7	671.0	680.1	660.7	652.8	643.6
85°	544.5	546.8	560.5	577.6	577.6	578.7	568.5	573.0	581.0	595.8	596.9
87.5°	500.1	506.9	545.7	559.3	553.6	555.9	546.8	549.1	554.8	562.8	560.5
90°	440.9	458.0	494.4	508.1	499.0	503.5	499.0	502.4	497.8	500.1	495.5
92.5°	430.6	429.5	440.9	439.7	434.0	447.7	447.7	450.0	444.3	440.9	438.6
95°	398.7	396.4	395.3	398.7	386.2	396.4	394.2	398.7	396.4	396.4	391.9
97.5°	333.8	333.8	331.5	334.9	326.9	331.5	325.8	329.2	328.1	329.2	325.8
100°	307.6	307.6	305.3	305.3	301.9	303.0	300.7	300.7	299.6	298.5	298.5
102.5°	289.4	291.6	288.2	289.4	284.8	284.8	282.5	283.7	282.5	282.5	281.4
105°	272.3	273.4	271.1	271.1	267.7	266.6	264.3	265.4	266.6	264.3	264.3
107.5°	255.2	256.3	255.2	255.2	251.8	249.5	246.1	246.1	247.2	248.3	248.3
110°	262.0	258.6	255.2	252.9	257.5	250.6	248.3	247.2	248.3	251.8	252.9



REPORT NUMBER: P856077  
 CATALOG NUMBER: FFX-CLB-70-730-U-FR-T5

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	313.3	311.0	311.0	300.7	312.1	305.3	300.7	292.8	296.2	298.5	298.5
115°	363.4	364.5	350.9	346.3	339.5	338.3	341.8	332.6	331.5	332.6	330.4
117.5°	407.8	383.9	332.6	319.0	315.6	313.3	311.0	308.7	306.4	320.1	305.3
120°	436.3	395.3	357.7	349.7	369.1	341.8	323.5	320.1	326.9	350.9	347.5
122.5°	618.6	583.3	555.9	508.1	555.9	528.6	535.4	522.9	516.1	502.4	504.7
125°	723.4	722.2	709.7	700.6	712.0	701.7	690.3	685.8	679.0	682.4	676.7
127.5°	672.1	682.4	666.4	684.6	643.6	655.0	652.8	660.7	653.9	656.2	647.1
130°	532.0	540.0	525.2	516.1	497.8	518.3	519.5	532.0	518.3	500.1	497.8
132.5°	464.8	470.5	447.7	436.3	423.8	442.0	450.0	456.8	447.7	428.3	423.8
135°	395.3	397.6	381.6	383.9	375.9	375.9	374.8	378.2	382.8	379.3	377.1
137.5°	339.5	345.2	339.5	346.3	339.5	333.8	324.7	328.1	338.3	346.3	345.2
140°	293.9	299.6	300.7	307.6	293.9	296.2	290.5	292.8	298.5	306.4	309.9
142.5°	260.9	265.4	255.2	249.5	244.9	258.6	268.8	270.0	263.2	254.0	257.5
145°	254.0	249.5	254.0	249.5	254.0	251.8	252.9	251.8	251.8	251.8	251.8
147.5°	257.5	262.0	262.0	262.0	255.2	256.3	257.5	258.6	258.6	263.2	262.0
150°	214.2	219.9	218.7	224.4	214.2	216.4	217.6	219.9	221.0	222.1	223.3
152.5°	181.1	182.3	185.7	188.0	186.8	185.7	184.5	184.5	186.8	189.1	190.2
155°	176.6	176.6	180.0	183.4	180.0	180.0	178.9	178.9	180.0	183.4	183.4
157.5°	169.7	170.9	170.9	173.2	170.9	172.0	170.9	170.9	172.0	173.2	174.3
160°	166.3	167.5	167.5	167.5	167.5	167.5	167.5	167.5	167.5	168.6	168.6
162.5°	166.3	166.3	166.3	165.2	165.2	166.3	166.3	166.3	166.3	165.2	166.3
165°	169.7	168.6	167.5	166.3	167.5	169.7	170.9	170.9	169.7	167.5	168.6
167.5°	176.6	176.6	175.4	174.3	175.4	176.6	177.7	177.7	176.6	175.4	175.4
170°	183.4	182.3	182.3	182.3	182.3	182.3	182.3	182.3	182.3	182.3	182.3
172.5°	188.0	188.0	189.1	188.0	189.1	189.1	188.0	188.0	188.0	188.0	189.1
175°	194.8	194.8	194.8	194.8	195.9	195.9	195.9	195.9	195.9	195.9	195.9
177.5°	199.4	199.4	199.4	199.4	199.4	199.4	199.4	199.4	199.4	199.4	199.4
180°	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5	200.5



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: SP1-2406-133-4

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.

**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

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

REPORT NUMBER: SP1-2406-133-4

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2406-133-4

**Photopic Flux vs. Wavelength**

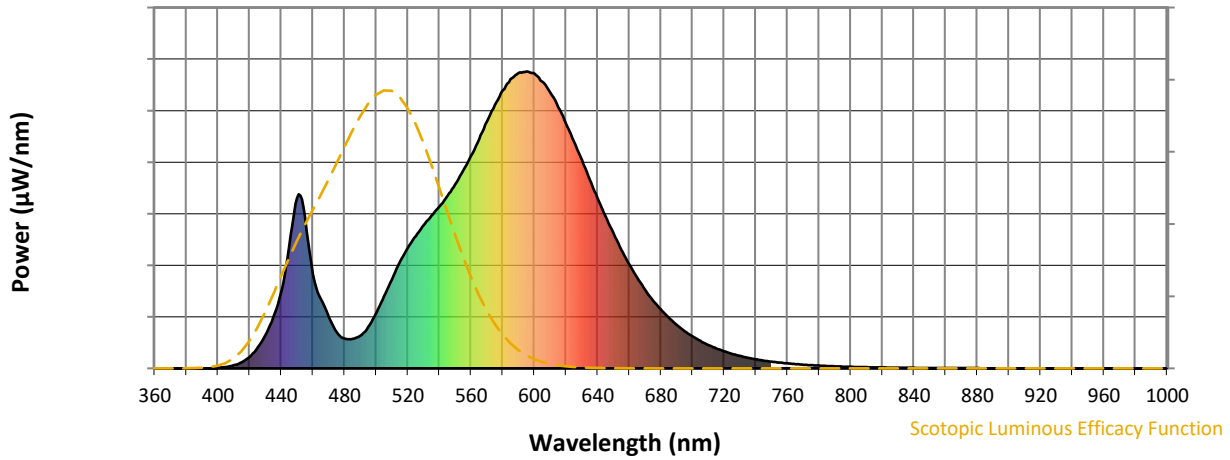


**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /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			

REPORT NUMBER: SP1-2406-133-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.21

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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			

REPORT NUMBER: SP1-2406-133-4

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.22**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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			

REPORT NUMBER: SP1-2406-133-4

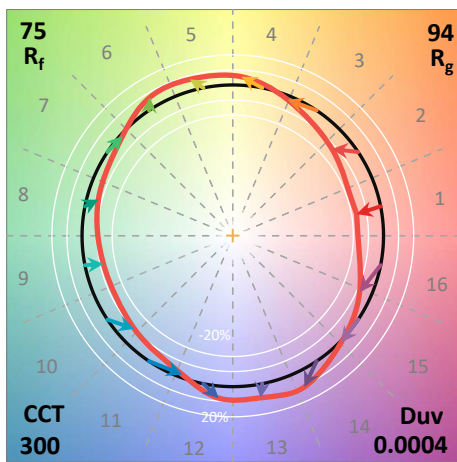
TM-30-18

**Summary**

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



**Color Vector Graphics**





REPORT NUMBER: SP1-2406-133-4

TM-30-18

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

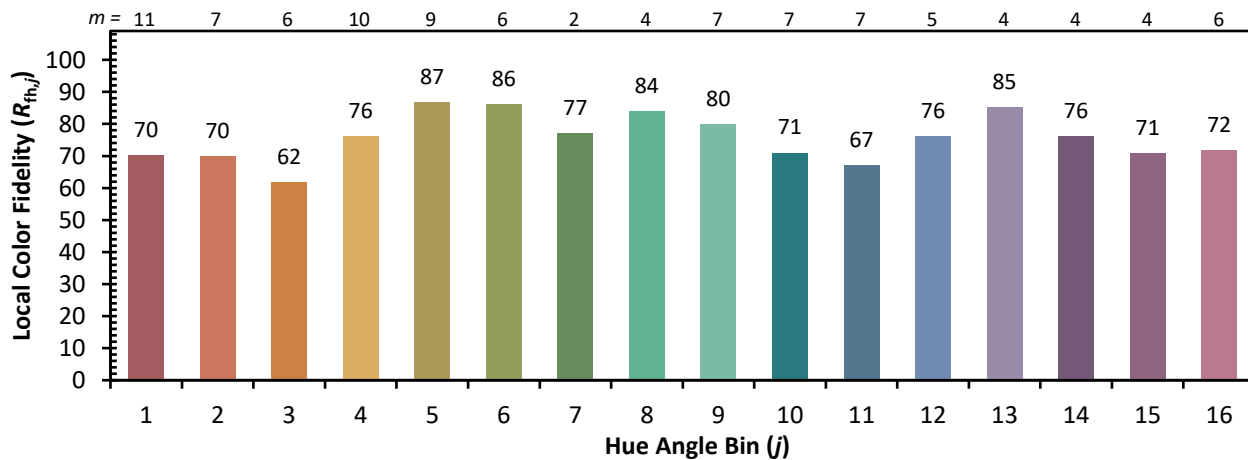
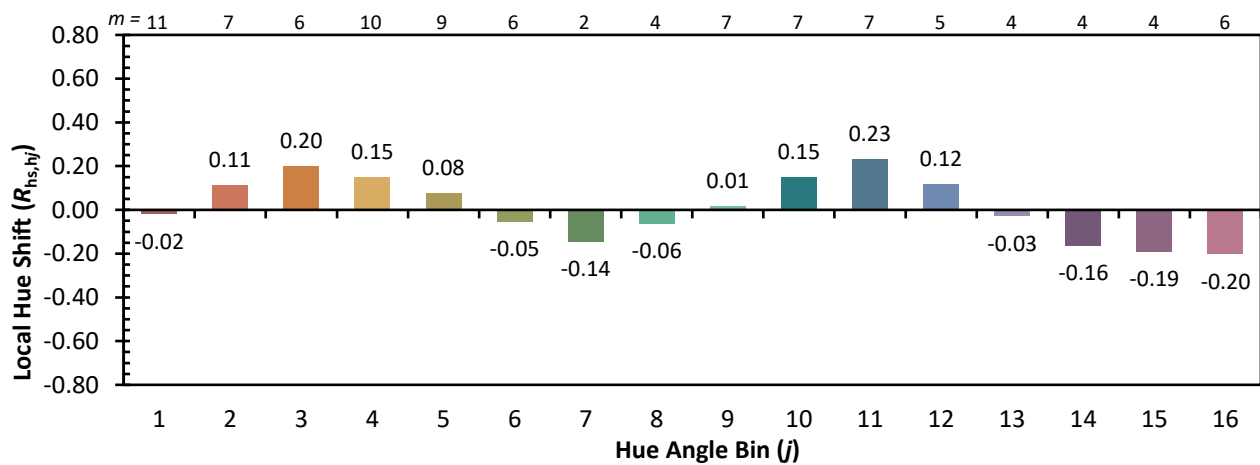
CES01 = 86	CES26 = 66	CES51 = 87	CES76 = 59
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 77
CES03 = 31	CES28 = 85	CES53 = 77	CES78 = 63
CES04 = 71	CES29 = 69	CES54 = 86	CES79 = 86
CES05 = 49	CES30 = 84	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 72
CES07 = 41	CES32 = 65	CES57 = 74	CES82 = 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	



REPORT NUMBER: SP1-2406-133-4

TM-30-18

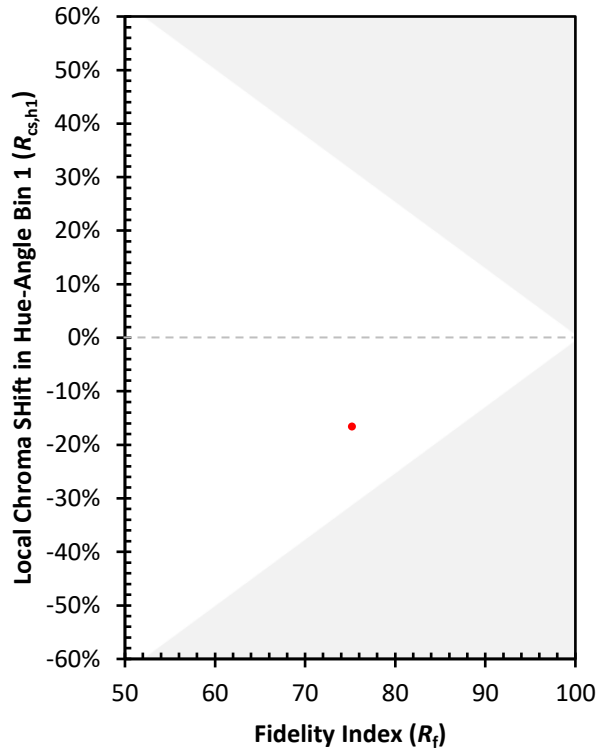
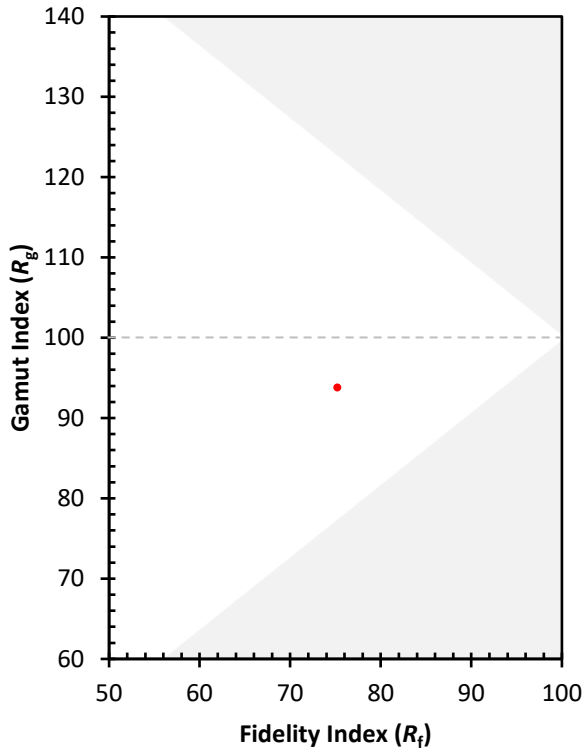
Color Rendition by Hue-Angle Bin



REPORT NUMBER: SP1-2406-133-4

TM-30-18

Measure Comparisons



(END OF REPORT)