

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: P980826

Luminaire Tested: **UFLD-CA2-200-740-U-66**

Issue Date: 04/10/2025

Test Information

Test Method: LM-79-08
Report Number: P980826
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: UFLD-CA2-200-740-U-66
Description: UTILITY FLOOD MEDIUM SIZE 200W 70CRI 4000K LED FIXTURE NEMA 6
Light Source: (2) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

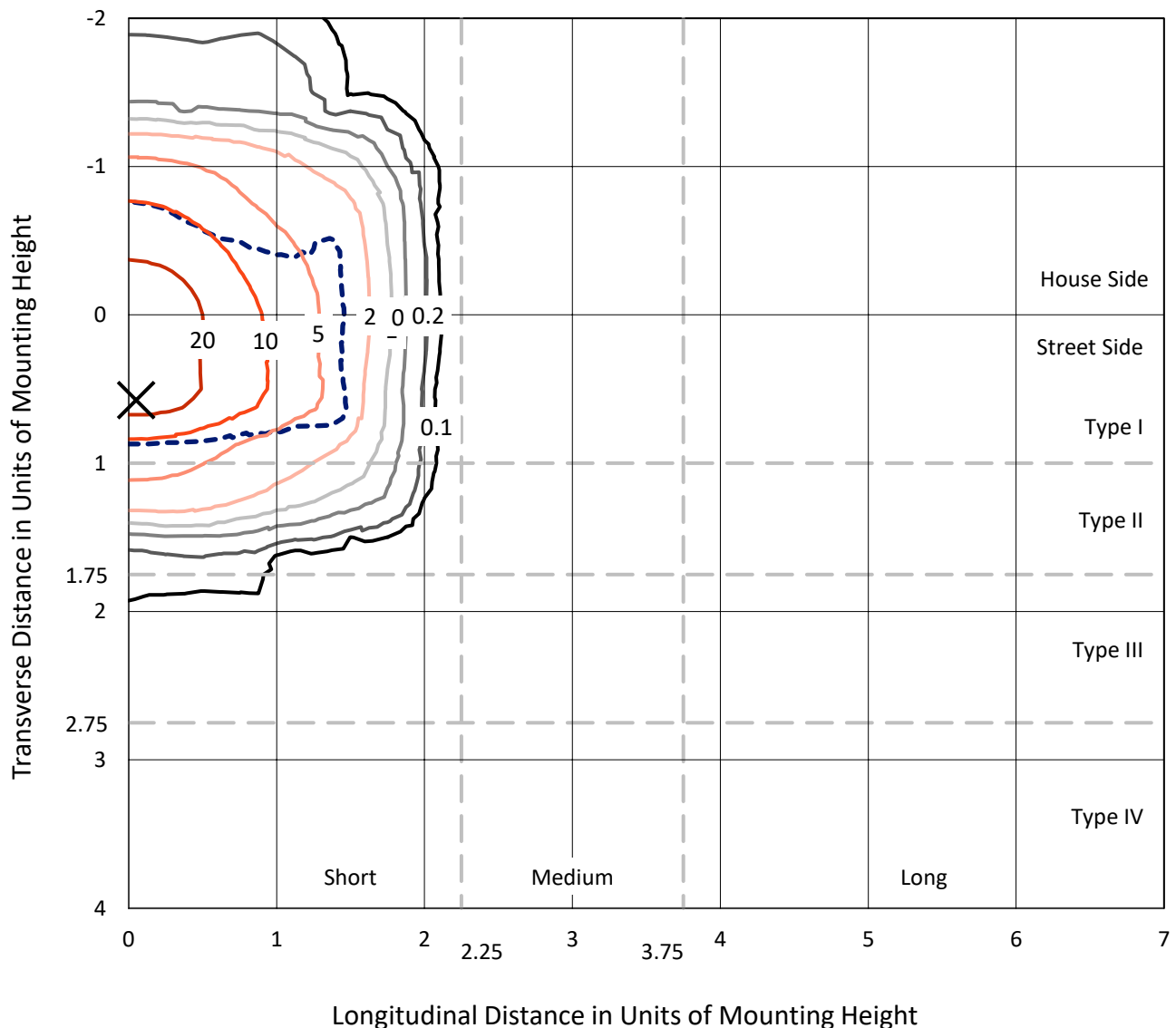
Lumens per Lamp: N/A
Luminaire Lumens: 29169.4 lumens
Efficiency: N/A
Efficacy: 148.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.31' x H: 0')
IES Classification: Type I - Short
BUG Rating: B4 - U0 - G2

Input Watts (W): 197
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 2.85%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

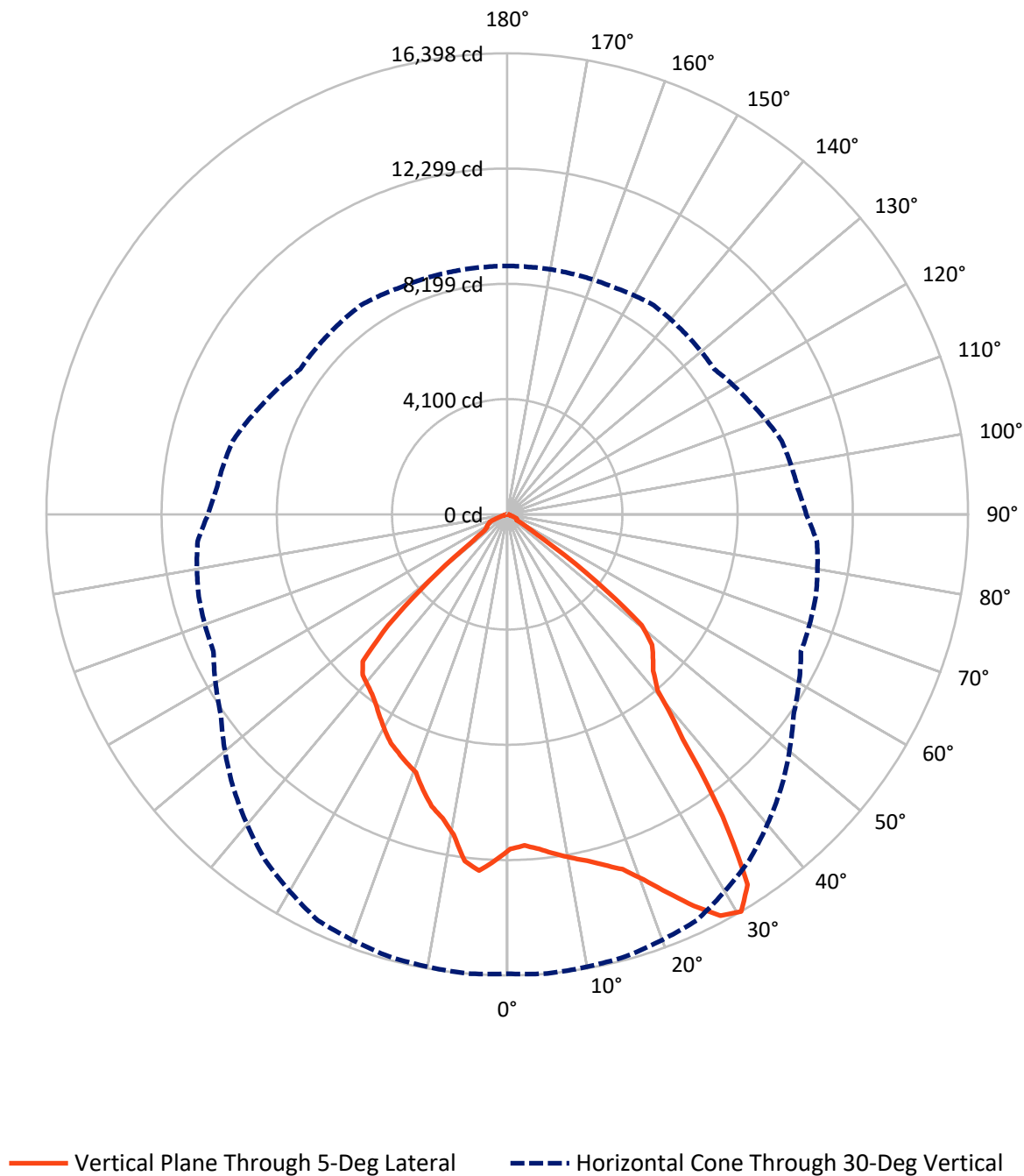
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 30.5 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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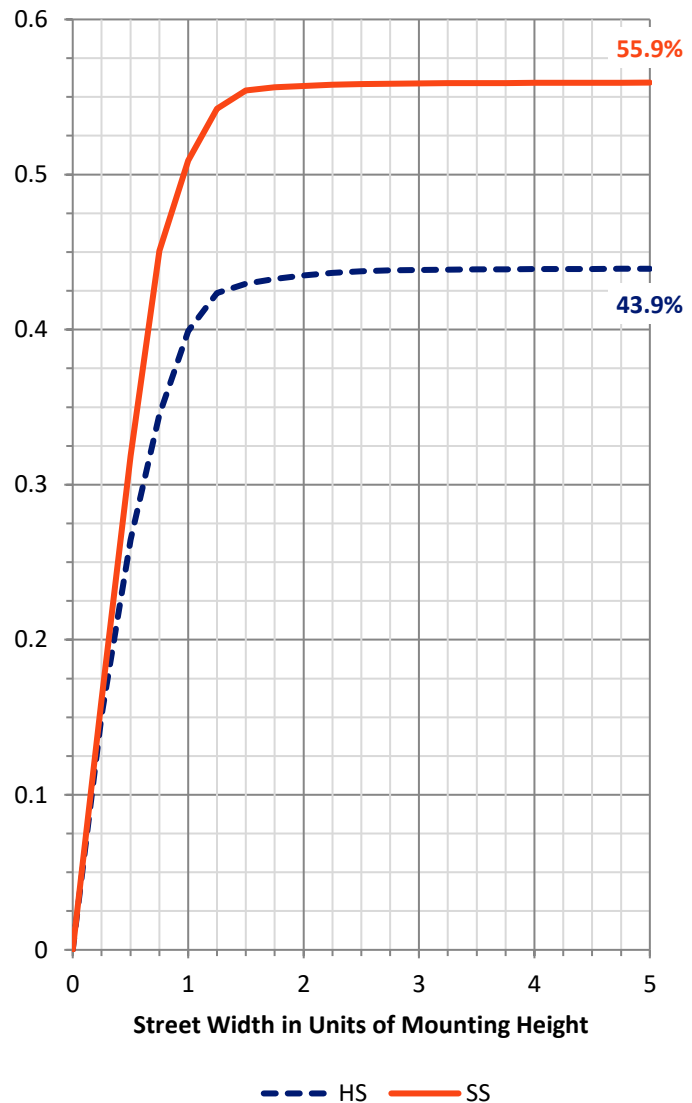
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12901.3	0.0	12901.3
	% Fixture	44.2	0.0	44.2
Street Side	Lumens	16268.1	0.0	16268.1
	% Fixture	55.8	0.0	55.8
Total	Lumens	29169.4	0.0	29169.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1164.7	4.0
10°-20°	3373.9	11.6
20°-30°	5376.6	18.4
30°-40°	6721.6	23.0
40°-50°	6596.2	22.6
50°-60°	4715.8	16.2
60°-70°	1043.4	3.6
70°-80°	160.3	0.5
80°-90°	17.0	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	29169.4	100.0
0°-180°	29169.4	100.0

Coefficient of Utilization



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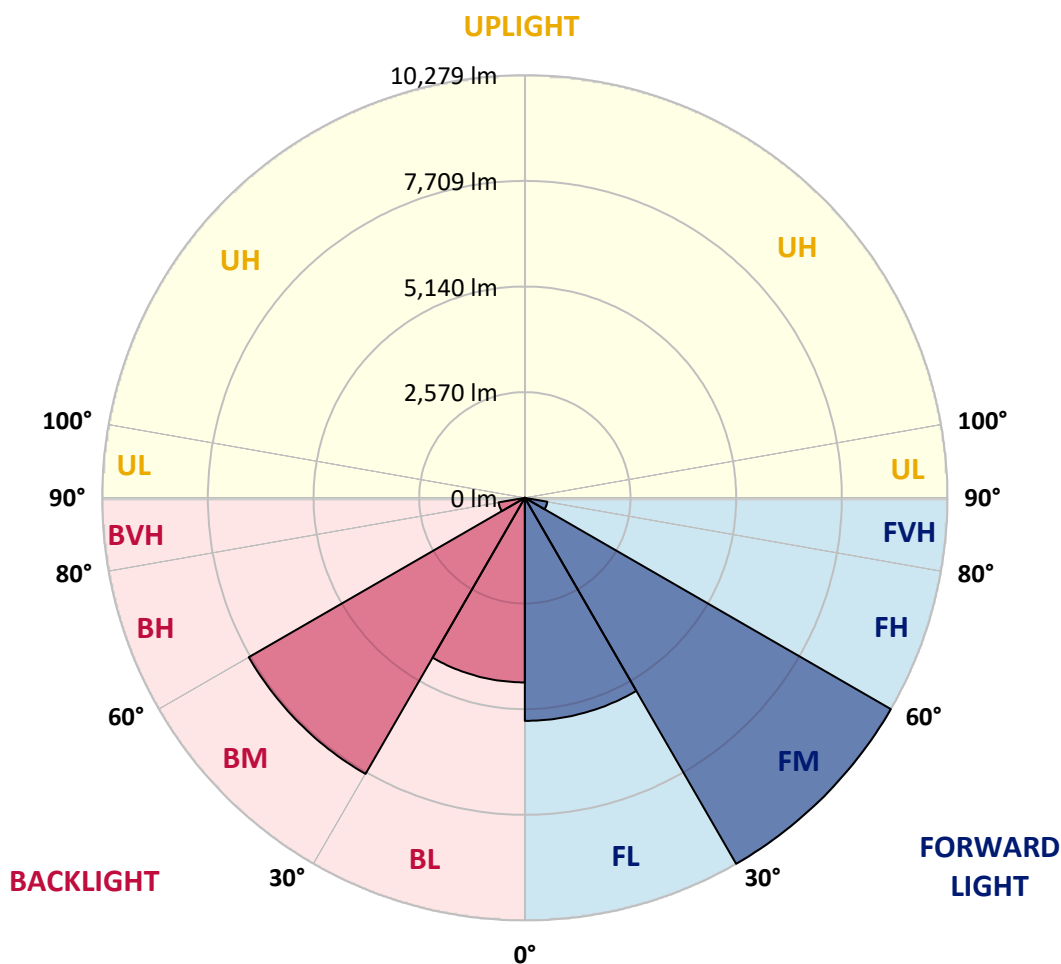
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5425.2	18.6			
FM	(30°-60°)	10279.3	35.2			
FH	(60°-80°)	555.0	1.9			G0/660
FVH	(80°-90°)	8.6	0.0			G0/10
BL	(0°-30°)	4489.9	15.4	B4/5000		
BM	(30°-60°)	7754.3	26.6	B4/8500		
BH	(60°-80°)	648.7	2.2	B2/1000		G2/1000
BVH	(80°-90°)	8.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9
2.5°	11772.7	11791.7	11810.8	11839.3	11877.4	11896.4	11877.4	11858.3	11848.8	11867.9	11877.4
5°	11934.5	11963.0	11972.5	11991.6	12010.6	11991.6	11982.1	11963.0	11953.5	11963.0	11991.6
7.5°	12172.4	12191.4	12181.9	12172.4	12162.9	12096.3	12029.7	12001.1	12001.1	12029.7	12105.8
10°	12381.8	12419.9	12372.3	12334.2	12267.6	12162.9	12048.7	11982.1	12001.1	12058.2	12153.4
12.5°	12648.3	12648.3	12600.7	12562.6	12410.3	12286.6	12134.3	12029.7	12029.7	12134.3	12239.0
15°	12971.8	12943.3	12924.3	12819.6	12638.7	12438.9	12248.5	12096.3	12067.7	12229.5	12296.1
17.5°	13381.1	13276.4	13228.8	13048.0	12800.5	12543.6	12286.6	12162.9	12077.2	12248.5	12172.4
20°	13942.6	13866.5	13714.2	13428.7	12924.3	12591.2	12286.6	12124.8	12058.2	12153.4	12077.2
22.5°	14665.9	14618.3	14275.7	13914.0	13247.8	12629.2	12239.0	12020.1	12001.1	11953.5	11791.7
25°	15551.0	15427.3	15075.1	14561.2	13733.2	13000.4	12229.5	11829.8	11763.2	11639.4	11353.9
27.5°	16302.8	16169.6	15741.3	15284.5	14399.4	13552.4	12305.6	11601.4	11525.2	11439.6	11087.5
30°	16340.9	16398.0	16283.8	15941.2	15018.0	13780.8	12438.9	11534.8	11363.5	11058.9	10640.2
32.5°	15570.0	15703.3	15979.3	16103.0	15484.4	14056.8	12553.1	11563.3	11249.2	10516.4	10173.8
35°	12933.8	13200.3	14332.8	15398.7	15617.6	14456.5	12648.3	11563.3	11211.2	10126.2	9859.7
37.5°	9935.9	10154.8	11116.0	13048.0	15027.5	14704.0	12857.6	11496.7	11163.6	10154.8	9793.1
40°	8118.1	8241.8	8660.6	9974.0	12952.8	14294.7	13067.0	11572.8	11020.8	10173.8	9831.2
42.5°	7623.2	7613.7	7528.0	8013.4	9878.8	13095.6	13209.8	11763.2	10782.9	10050.1	9764.6
45°	7290.1	7271.1	7194.9	7290.1	7813.6	10716.3	13105.1	12105.8	10487.9	9612.3	9422.0
47.5°	6928.5	6938.0	6909.4	6947.5	6852.3	8137.1	12515.0	12248.5	9983.5	8879.5	8812.9
50°	6062.4	6205.2	6585.9	6623.9	6376.5	6566.8	10716.3	12181.9	9621.8	8670.1	8613.0
52.5°	3768.8	3997.2	5120.2	6071.9	5929.2	5929.2	8175.2	12277.1	8974.7	8594.0	8632.0
55°	1332.4	1503.7	2740.9	4178.0	5310.6	5415.2	6462.1	10925.7	8898.5	8727.2	8765.3
57.5°	333.1	409.2	837.5	1808.3	3578.4	4910.8	5776.9	9022.2	6757.2	6519.2	6614.4
60°	390.2	380.7	523.4	580.5	1389.5	3883.0	5205.9	6091.0	4358.8	4082.8	4130.4
62.5°	418.8	390.2	409.2	513.9	228.4	1903.4	4149.5	3626.0	1798.7	1332.4	1408.5
65°	371.2	352.1	323.6	475.9	161.8	352.1	2445.9	1065.9	257.0	409.2	371.2
67.5°	247.4	257.0	266.5	380.7	152.3	152.3	323.6	266.5	180.8	371.2	323.6
70°	142.8	152.3	180.8	228.4	152.3	123.7	142.8	218.9	152.3	371.2	323.6
72.5°	85.7	85.7	85.7	95.2	152.3	104.7	95.2	180.8	133.2	342.6	323.6
75°	66.6	66.6	66.6	57.1	133.2	66.6	66.6	142.8	114.2	247.4	247.4
77.5°	57.1	57.1	57.1	47.6	76.1	57.1	57.1	104.7	104.7	123.7	142.8
80°	38.1	38.1	38.1	38.1	47.6	47.6	38.1	57.1	47.6	57.1	66.6
82.5°	19.0	28.6	28.6	19.0	28.6	28.6	28.6	38.1	28.6	38.1	38.1
85°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	19.0	9.5	9.5	19.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9	11905.9
2.5°	11896.4	11944.0	12010.6	12115.3	12153.4	12220.0	12277.1	12324.7	12324.7	12305.6
5°	12048.7	12181.9	12362.8	12524.5	12581.6	12648.3	12676.8	12724.4	12714.9	12705.4
7.5°	12181.9	12391.3	12581.6	12695.8	12676.8	12591.2	12534.1	12457.9	12429.4	12448.4
10°	12286.6	12477.0	12562.6	12486.5	12258.1	12058.2	11801.2	11629.9	11544.3	11572.8
12.5°	12324.7	12391.3	12315.2	11896.4	11610.9	11420.6	11211.2	11097.0	11049.4	11058.9
15°	12334.2	12181.9	11763.2	11449.1	11239.7	11001.8	10830.5	10725.8	10725.8	10735.3
17.5°	12134.3	11763.2	11401.5	11163.6	10868.6	10621.1	10525.9	10487.9	10249.9	10288.0
20°	11953.5	11420.6	11220.7	10849.5	10497.4	10335.6	9783.6	9726.5	9736.0	9745.5
22.5°	11572.8	11173.1	10992.3	10506.9	10107.2	9659.9	9583.7	9526.6	9536.2	9536.2
25°	11049.4	10821.0	10573.5	10069.1	9583.7	9498.1	9441.0	9364.9	9326.8	9336.3
27.5°	10754.4	10468.8	10012.0	9583.7	9269.7	9307.8	9241.1	9126.9	9126.9	9136.4
30°	10383.2	10107.2	9498.1	8993.7	9022.2	9079.3	8917.5	8860.4	8831.9	8831.9
32.5°	9926.4	9545.7	9012.7	8536.9	8708.2	8689.1	8489.3	8508.3	8527.3	8508.3
35°	9583.7	9088.9	8641.6	8384.6	8318.0	8241.8	8137.1	8203.8	8232.3	8213.3
37.5°	9498.1	8908.0	8441.7	8260.9	8003.9	7861.1	7889.7	7956.3	7994.4	7984.9
40°	9469.5	8727.2	8270.4	8080.0	7737.4	7613.7	7651.8	7785.0	7832.6	7823.1
42.5°	9431.5	8603.5	8165.7	7937.3	7461.4	7375.8	7556.6	7680.3	7689.8	7680.3
45°	9231.6	8470.2	8099.1	7642.3	7042.7	7147.4	7375.8	7442.4	7328.2	7280.6
47.5°	8765.3	8222.8	7899.2	7280.6	6700.1	6899.9	6928.5	6205.2	5786.4	5691.2
50°	8632.0	8232.3	7670.8	6852.3	6490.7	6690.5	5443.8	4159.0	3635.5	3530.9
52.5°	8594.0	8137.1	7756.5	6405.0	6414.5	5643.7	3435.7	2036.7	1636.9	1560.8
55°	8689.1	8555.9	7899.2	6138.5	5967.2	3673.6	1598.9	961.2	989.8	961.2
57.5°	6557.3	7156.9	8070.5	5719.8	4358.8	1770.2	1008.8	932.7	866.1	847.0
60°	4092.4	4663.4	5910.1	4920.4	2236.5	1056.4	1027.8	866.1	837.5	828.0
62.5°	1351.4	2074.7	3388.1	3235.8	618.6	1046.9	1037.4	770.9	770.9	770.9
65°	342.6	352.1	932.7	1113.5	456.8	932.7	989.8	723.3	704.3	732.8
67.5°	295.0	266.5	494.9	437.8	380.7	647.2	866.1	694.8	656.7	656.7
70°	295.0	314.1	485.4	409.2	237.9	352.1	628.1	428.3	380.7	352.1
72.5°	276.0	304.5	428.3	371.2	161.8	171.3	276.0	142.8	133.2	114.2
75°	237.9	247.4	333.1	333.1	171.3	85.7	114.2	95.2	95.2	85.7
77.5°	161.8	123.7	190.3	237.9	123.7	57.1	47.6	47.6	47.6	38.1
80°	85.7	47.6	47.6	38.1	47.6	47.6	28.6	38.1	38.1	28.6
82.5°	47.6	28.6	28.6	19.0	19.0	28.6	19.0	19.0	19.0	19.0
85°	19.0	19.0	9.5	9.5	9.5	19.0	9.5	9.5	9.5	9.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	9.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Report Prepared for

Cooper Lighting Solutions

Streetworks

Report Number: SP1-2501-336-1

Test Date: 04/11/2025

Luminaire Tested: UFLD-L-CA4-390-740-U-66

Data in this report applies to families of products including UFLD-L-CA4-390-740-U-66

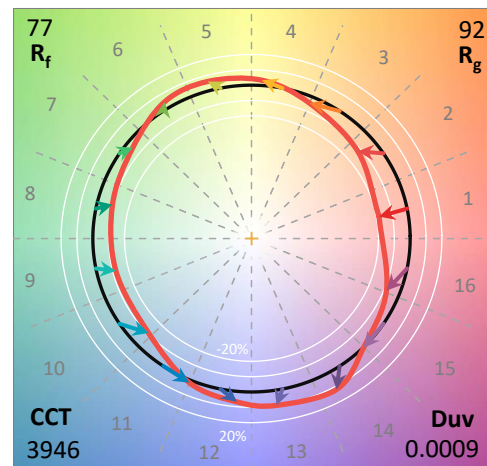
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2501-336-1
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 04/15/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Streetworks
 Catalog Number: **UFLD-L-CA4-390-740-U-66**
 Description: UTILITY FLOOD 390W NEMA6

Spectral Parameters

CCT (K): 3946
 CIE u' : 0.2256
 CIE v' : 0.5037
 Duv: 0.0009
 CIE x: 0.3835
 CIE y: 0.3806
 CIE z: 0.2359
 Peak Wavelength (nm): 585
 Dominant Wavelength (nm): 578
 Purity: 29.32723
 Rf: 76.6
 Rg: 92.3

CRI (Ra): 72.9
 R1: 68.3
 R2: 81.9
 R3: 92.5
 R4: 69.8
 R5: 69.5
 R6: 75.0
 R7: 79.2
 R8: 46.8
 R9: -40.1
 R10: 58.5
 R11: 65.7
 R12: 52.6
 R13: 71.1
 R14: 96.0
 R15: 59.9



Test Conditions

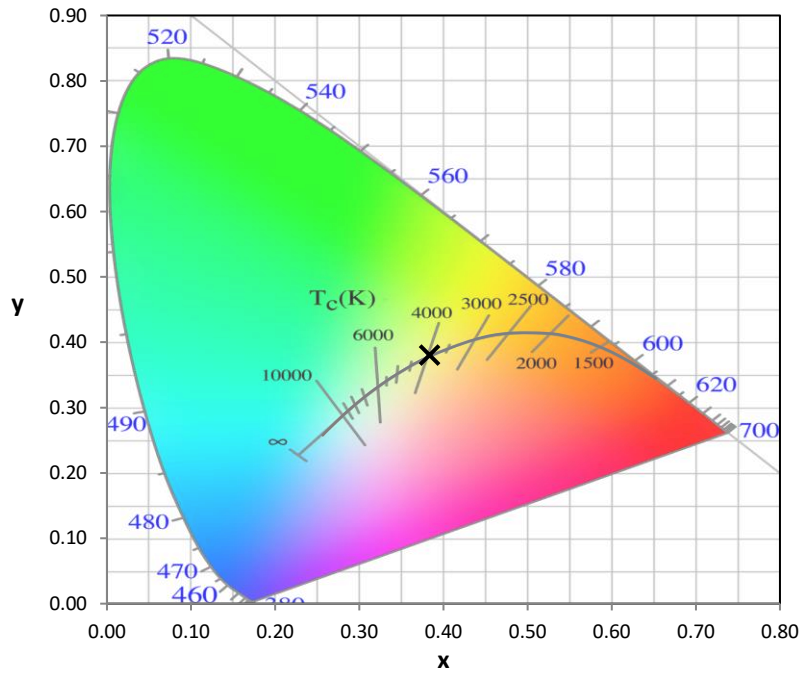
Stabilization Time: 55M
 Operation Time: 1H 55M
 Sphere Temperature (°C): 25.0

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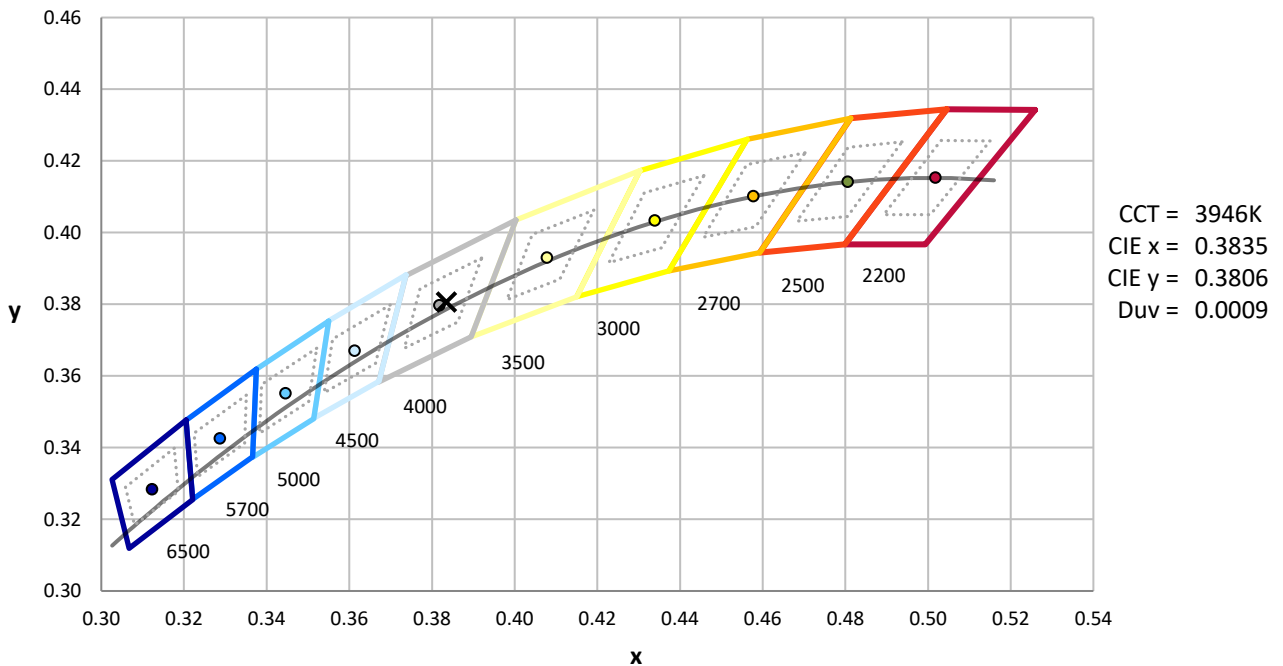
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	12/16/2024	6/16/2025
Power Meter	INXT2011004	1/21/2025	1/21/2026
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

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CIE 1931 Chromaticity Diagram



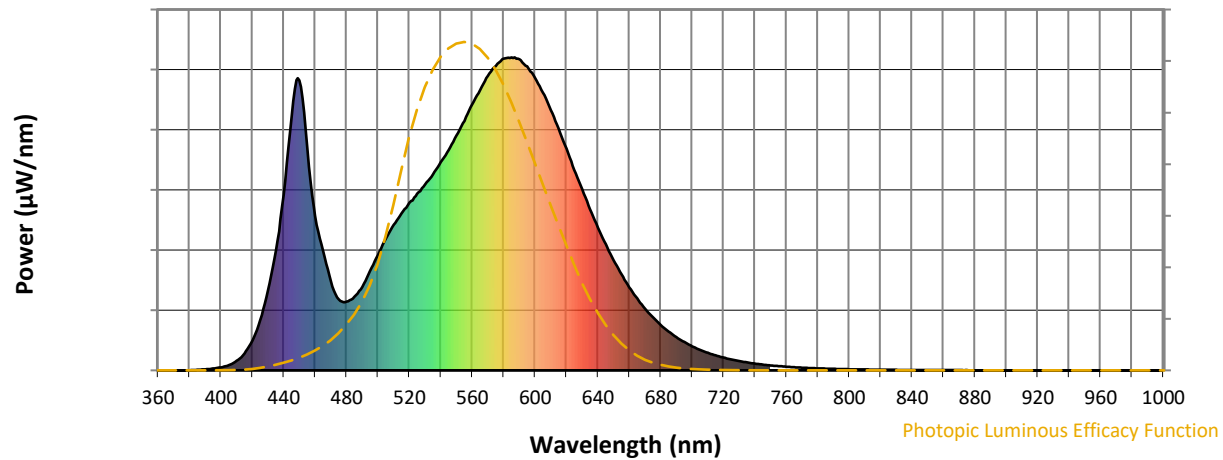
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

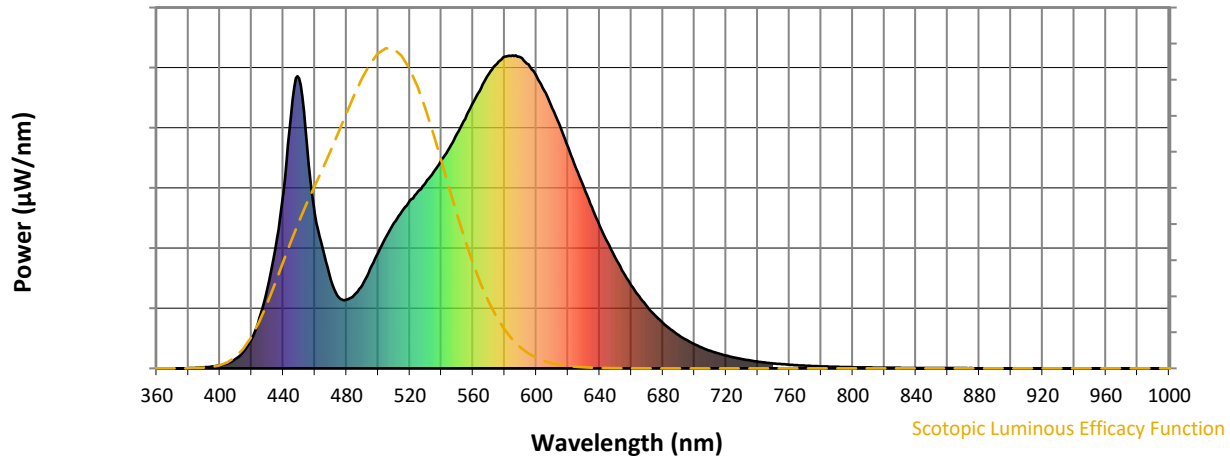


Photopic Lumens: NR

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	267	NR	620	708	NR	750	16	NR	880	0	NR
365	0	NR	495	318	NR	625	640	NR	755	14	NR	885	0	NR
370	0	NR	500	370	NR	630	579	NR	760	12	NR	890	0	NR
375	0	NR	505	420	NR	635	515	NR	765	10	NR	895	0	NR
380	0	NR	510	465	NR	640	456	NR	770	9	NR	900	0	NR
385	2	NR	515	501	NR	645	403	NR	775	7	NR	905	0	NR
390	3	NR	520	536	NR	650	352	NR	780	6	NR	910	0	NR
395	6	NR	525	564	NR	655	307	NR	785	6	NR	915	0	NR
400	10	NR	530	594	NR	660	265	NR	790	5	NR	920	0	NR
405	16	NR	535	627	NR	665	230	NR	795	4	NR	925	0	NR
410	30	NR	540	666	NR	670	197	NR	800	4	NR	930	0	NR
415	55	NR	545	705	NR	675	169	NR	805	3	NR	935	0	NR
420	95	NR	550	750	NR	680	146	NR	810	3	NR	940	0	NR
425	161	NR	555	796	NR	685	124	NR	815	2	NR	945	0	NR
430	255	NR	560	850	NR	690	106	NR	820	2	NR	950	0	NR
435	384	NR	565	895	NR	695	91	NR	825	2	NR	955	0	NR
440	560	NR	570	941	NR	700	77	NR	830	2	NR	960	0	NR
445	811	NR	575	972	NR	705	66	NR	835	1	NR	965	0	NR
450	926	NR	580	996	NR	710	56	NR	840	1	NR	970	0	NR
455	709	NR	585	1000	NR	715	48	NR	845	1	NR	975	0	NR
460	494	NR	590	994	NR	720	41	NR	850	1	NR	980	0	NR
465	383	NR	595	972	NR	725	35	NR	855	1	NR	985	0	NR
470	283	NR	600	934	NR	730	30	NR	860	1	NR	990	0	NR
475	227	NR	605	888	NR	735	25	NR	865	1	NR	995	0	NR
480	220	NR	610	832	NR	740	22	NR	870	1	NR	1000	0	NR
485	235	NR	615	773	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2501-336-1

Scotopic Flux vs. Wavelength



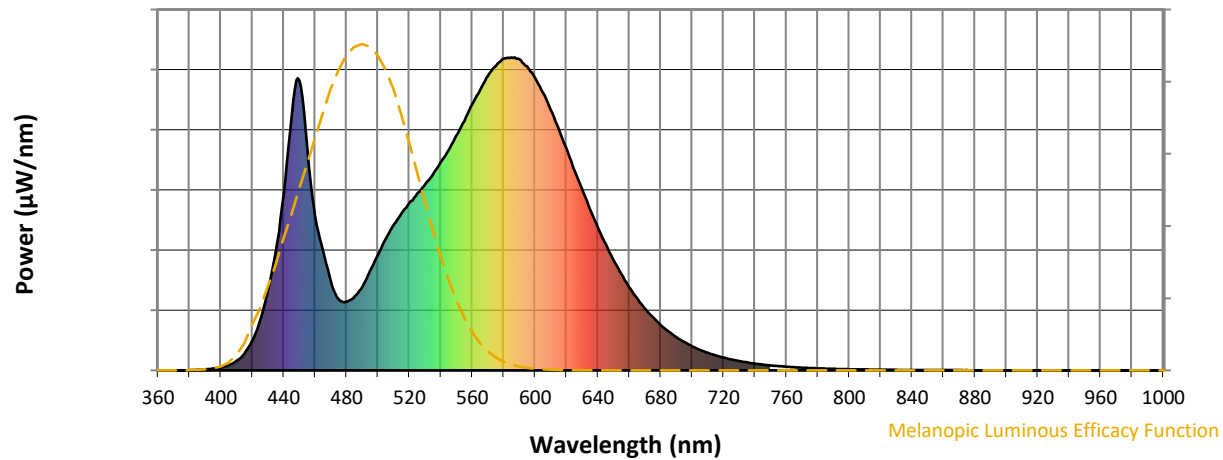
Scotopic Lumens: NR

S/P: 1.56

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	267	NR	620	708	NR	750	16	NR	880	0	NR
365	0	NR	495	318	NR	625	640	NR	755	14	NR	885	0	NR
370	0	NR	500	370	NR	630	579	NR	760	12	NR	890	0	NR
375	0	NR	505	420	NR	635	515	NR	765	10	NR	895	0	NR
380	0	NR	510	465	NR	640	456	NR	770	9	NR	900	0	NR
385	2	NR	515	501	NR	645	403	NR	775	7	NR	905	0	NR
390	3	NR	520	536	NR	650	352	NR	780	6	NR	910	0	NR
395	6	NR	525	564	NR	655	307	NR	785	6	NR	915	0	NR
400	10	NR	530	594	NR	660	265	NR	790	5	NR	920	0	NR
405	16	NR	535	627	NR	665	230	NR	795	4	NR	925	0	NR
410	30	NR	540	666	NR	670	197	NR	800	4	NR	930	0	NR
415	55	NR	545	705	NR	675	169	NR	805	3	NR	935	0	NR
420	95	NR	550	750	NR	680	146	NR	810	3	NR	940	0	NR
425	161	NR	555	796	NR	685	124	NR	815	2	NR	945	0	NR
430	255	NR	560	850	NR	690	106	NR	820	2	NR	950	0	NR
435	384	NR	565	895	NR	695	91	NR	825	2	NR	955	0	NR
440	560	NR	570	941	NR	700	77	NR	830	2	NR	960	0	NR
445	811	NR	575	972	NR	705	66	NR	835	1	NR	965	0	NR
450	926	NR	580	996	NR	710	56	NR	840	1	NR	970	0	NR
455	709	NR	585	1000	NR	715	48	NR	845	1	NR	975	0	NR
460	494	NR	590	994	NR	720	41	NR	850	1	NR	980	0	NR
465	383	NR	595	972	NR	725	35	NR	855	1	NR	985	0	NR
470	283	NR	600	934	NR	730	30	NR	860	1	NR	990	0	NR
475	227	NR	605	888	NR	735	25	NR	865	1	NR	995	0	NR
480	220	NR	610	832	NR	740	22	NR	870	1	NR	1000	0	NR
485	235	NR	615	773	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.13

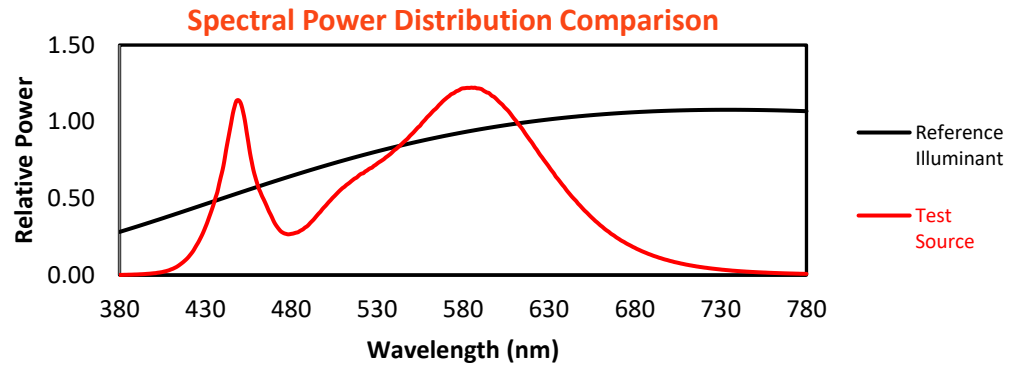
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	267	NR	620	708	NR	750	16	NR	880	0	NR
365	0	NR	495	318	NR	625	640	NR	755	14	NR	885	0	NR
370	0	NR	500	370	NR	630	579	NR	760	12	NR	890	0	NR
375	0	NR	505	420	NR	635	515	NR	765	10	NR	895	0	NR
380	0	NR	510	465	NR	640	456	NR	770	9	NR	900	0	NR
385	2	NR	515	501	NR	645	403	NR	775	7	NR	905	0	NR
390	3	NR	520	536	NR	650	352	NR	780	6	NR	910	0	NR
395	6	NR	525	564	NR	655	307	NR	785	6	NR	915	0	NR
400	10	NR	530	594	NR	660	265	NR	790	5	NR	920	0	NR
405	16	NR	535	627	NR	665	230	NR	795	4	NR	925	0	NR
410	30	NR	540	666	NR	670	197	NR	800	4	NR	930	0	NR
415	55	NR	545	705	NR	675	169	NR	805	3	NR	935	0	NR
420	95	NR	550	750	NR	680	146	NR	810	3	NR	940	0	NR
425	161	NR	555	796	NR	685	124	NR	815	2	NR	945	0	NR
430	255	NR	560	850	NR	690	106	NR	820	2	NR	950	0	NR
435	384	NR	565	895	NR	695	91	NR	825	2	NR	955	0	NR
440	560	NR	570	941	NR	700	77	NR	830	2	NR	960	0	NR
445	811	NR	575	972	NR	705	66	NR	835	1	NR	965	0	NR
450	926	NR	580	996	NR	710	56	NR	840	1	NR	970	0	NR
455	709	NR	585	1000	NR	715	48	NR	845	1	NR	975	0	NR
460	494	NR	590	994	NR	720	41	NR	850	1	NR	980	0	NR
465	383	NR	595	972	NR	725	35	NR	855	1	NR	985	0	NR
470	283	NR	600	934	NR	730	30	NR	860	1	NR	990	0	NR
475	227	NR	605	888	NR	735	25	NR	865	1	NR	995	0	NR
480	220	NR	610	832	NR	740	22	NR	870	1	NR	1000	0	NR
485	235	NR	615	773	NR	745	18	NR	875	1	NR			

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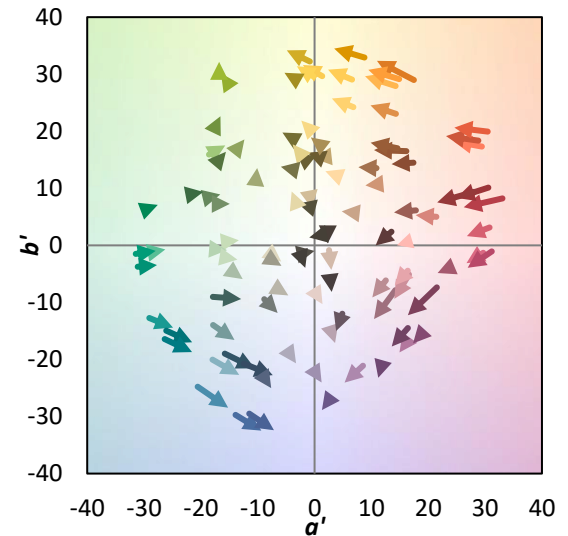
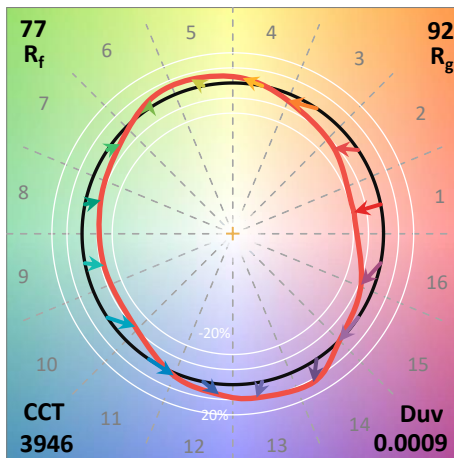
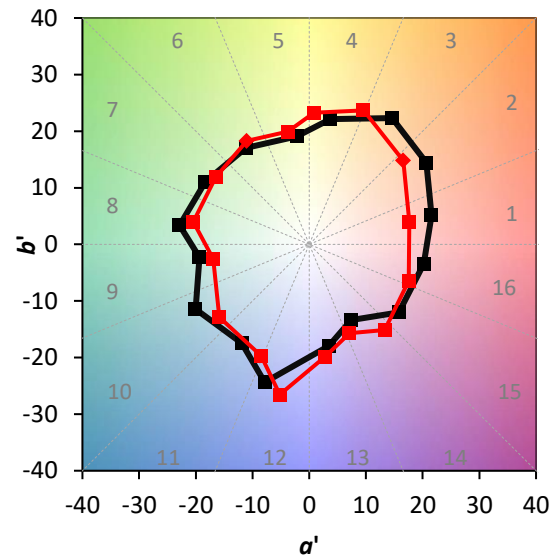
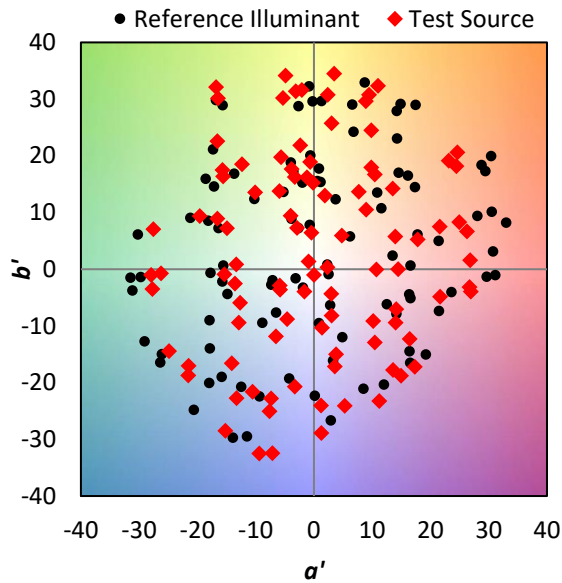
TM-30-18

Summary

$R_f = 76.6$
 $R_g = 92.3$
 $CIE R_a = 72.9$
 $R_g = -40.1$

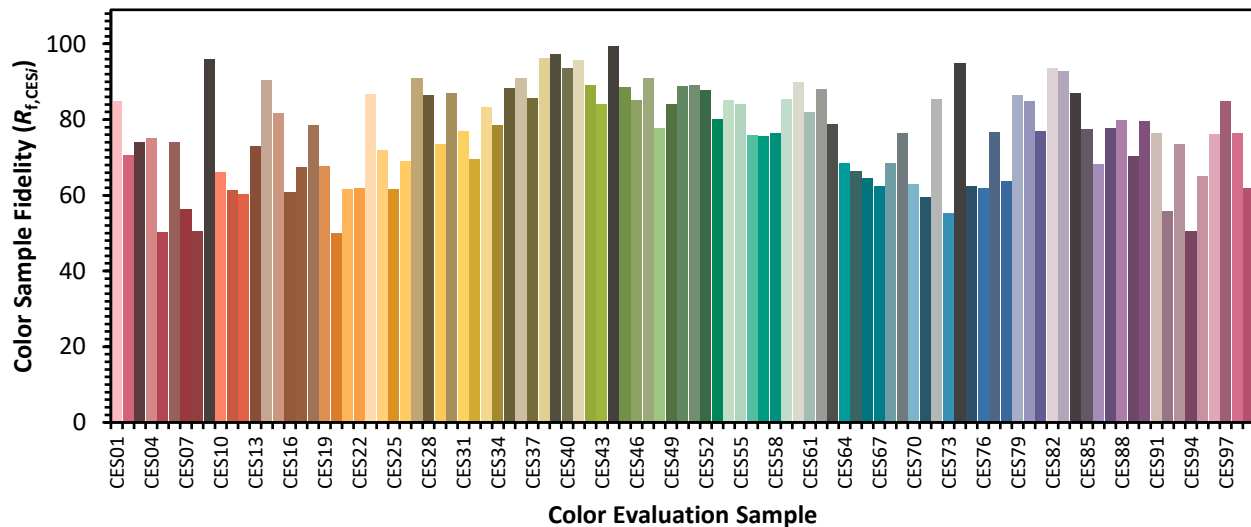


Color Vector Graphics

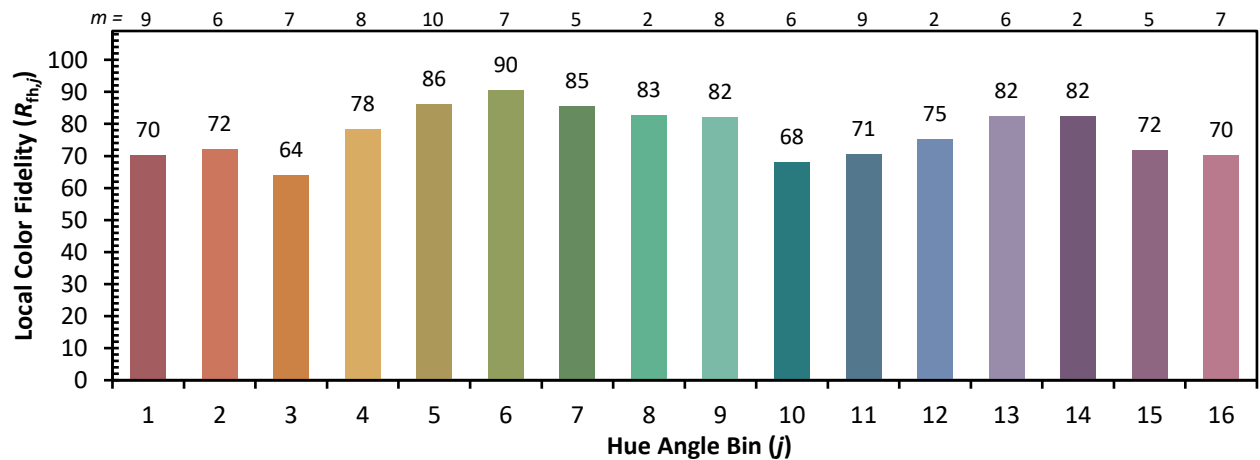
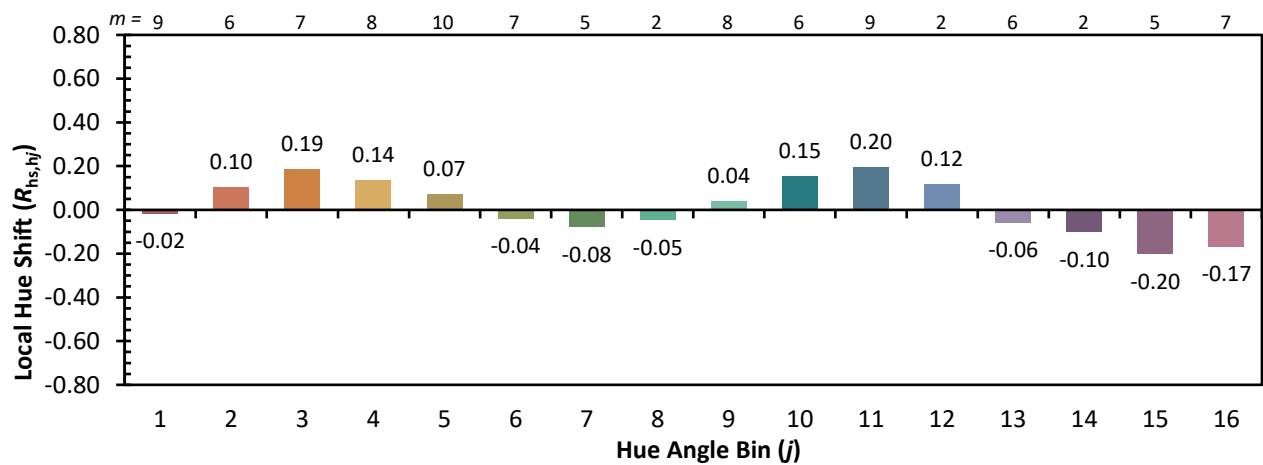
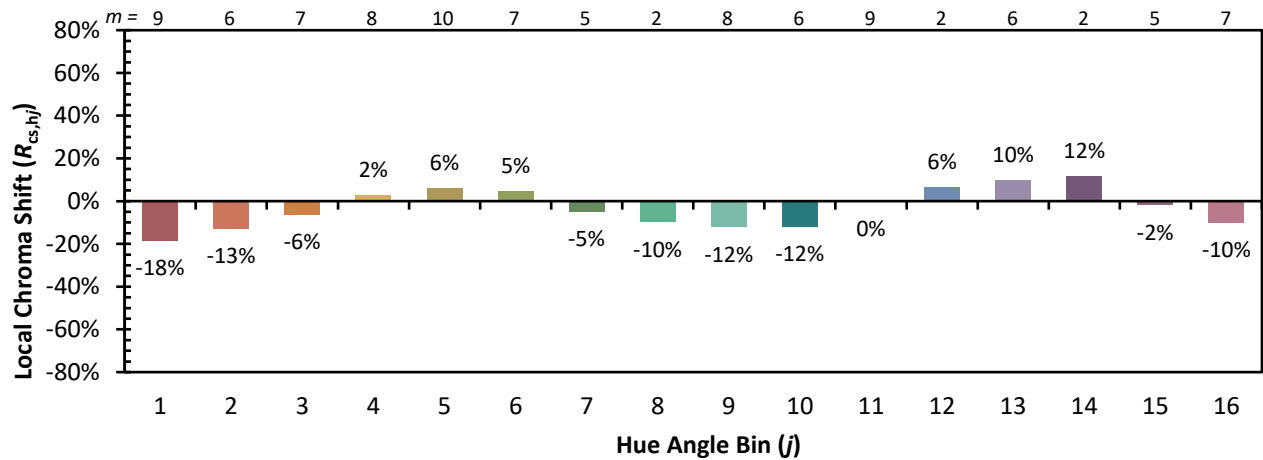


Individual Sample Fidelity Index ($R_{f,i}$)

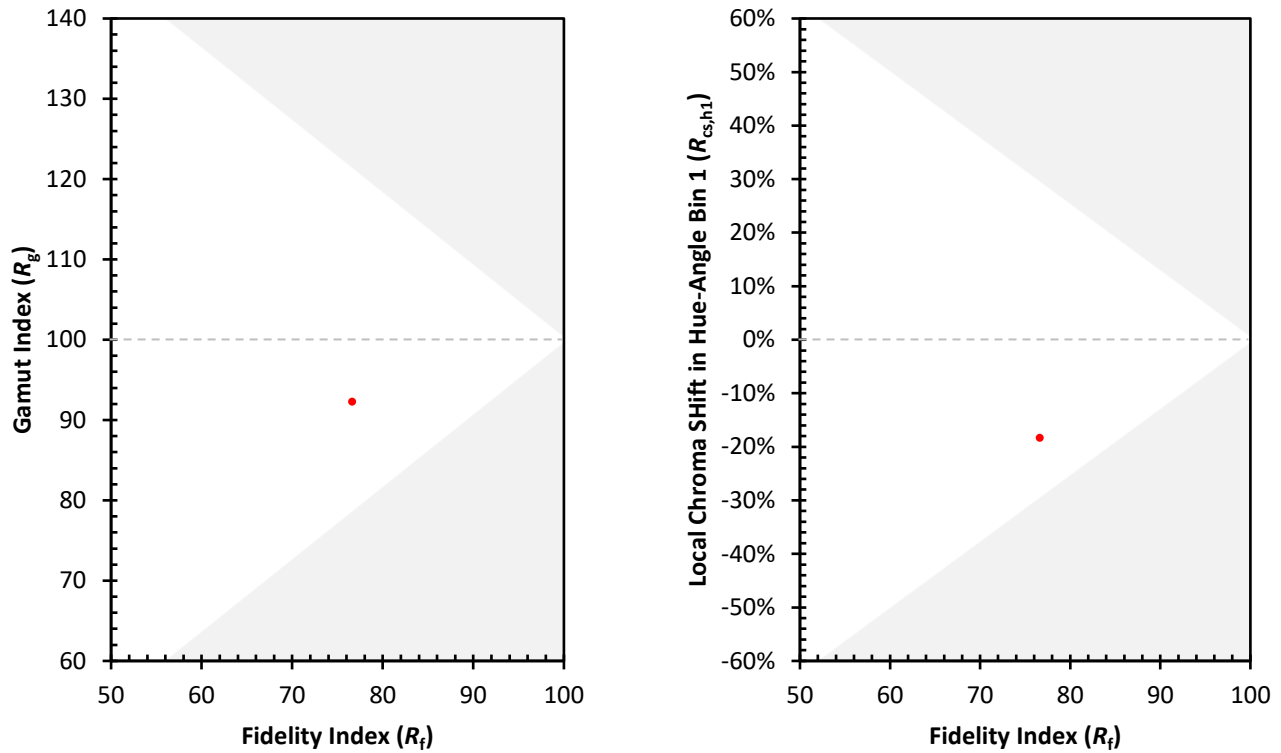
CES01 = 85	CES26 = 69	CES51 = 89	CES76 = 62
CES02 = 61	CES27 = 91	CES52 = 88	CES77 = 77
CES03 = 30	CES28 = 87	CES53 = 80	CES78 = 64
CES04 = 70	CES29 = 74	CES54 = 85	CES79 = 87
CES05 = 47	CES30 = 87	CES55 = 84	CES80 = 85
CES06 = 50	CES31 = 77	CES56 = 76	CES81 = 77
CES07 = 40	CES32 = 70	CES57 = 76	CES82 = 94
CES08 = 39	CES33 = 83	CES58 = 76	CES83 = 93
CES09 = 29	CES34 = 78	CES59 = 85	CES84 = 87
CES10 = 74	CES35 = 88	CES60 = 90	CES85 = 77
CES11 = 57	CES36 = 91	CES61 = 82	CES86 = 68
CES12 = 63	CES37 = 86	CES62 = 88	CES87 = 78
CES13 = 42	CES38 = 96	CES63 = 79	CES88 = 80
CES14 = 74	CES39 = 97	CES64 = 68	CES89 = 70
CES15 = 71	CES40 = 94	CES65 = 66	CES90 = 80
CES16 = 46	CES41 = 96	CES66 = 65	CES91 = 76
CES17 = 49	CES42 = 89	CES67 = 62	CES92 = 56
CES18 = 56	CES43 = 84	CES68 = 68	CES93 = 74
CES19 = 72	CES44 = 99	CES69 = 76	CES94 = 50
CES20 = 65	CES45 = 89	CES70 = 63	CES95 = 65
CES21 = 86	CES46 = 85	CES71 = 60	CES96 = 76
CES22 = 78	CES47 = 91	CES72 = 85	CES97 = 85
CES23 = 92	CES48 = 78	CES73 = 55	CES98 = 76
CES24 = 91	CES49 = 84	CES74 = 95	CES99 = 62
CES25 = 72	CES50 = 89	CES75 = 63	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)