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

Scaled data based on original data using

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

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P634812

Luminaire Tested: GWS-SA3C-740-U-T3-W-GRSWH

Issue Date: 1/10/2023

Report Generated By 670246102 / DESKTOP-G35701P

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

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P634812
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-25)
Test Lab:	COOPER LIGHTING SOLUTIONS
Issue Date:	1/10/2023
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWS-SA3C-740-U-T3-W-GRSWH
Description:	GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source:	(48) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11906.1 lumens
Efficiency:	N/A
Efficacy:	128.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G2

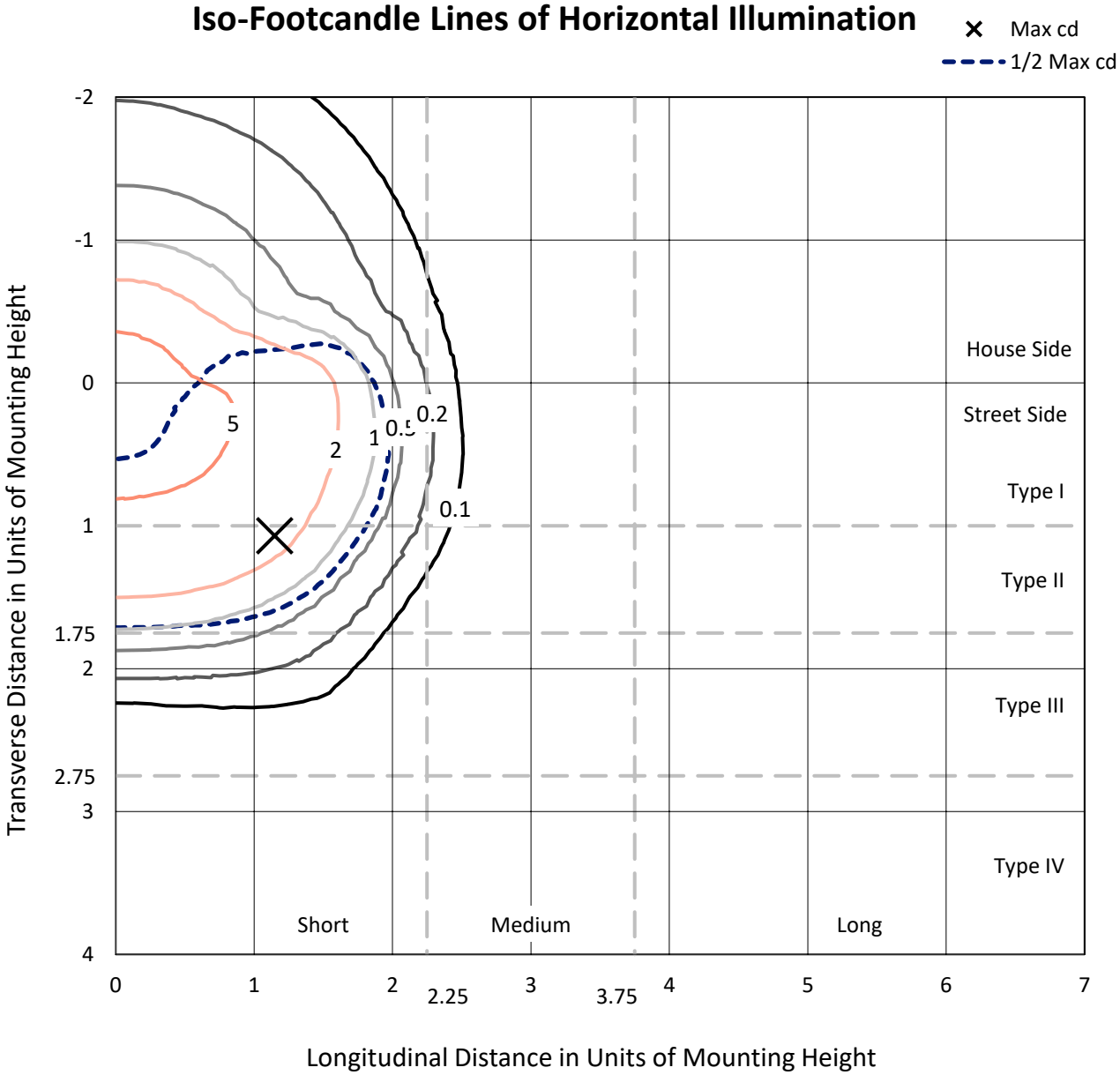
Input Watts (W):	93
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	0
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P634812
CATALOG NUMBER: GWS-SA3C-740-U-T3-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination



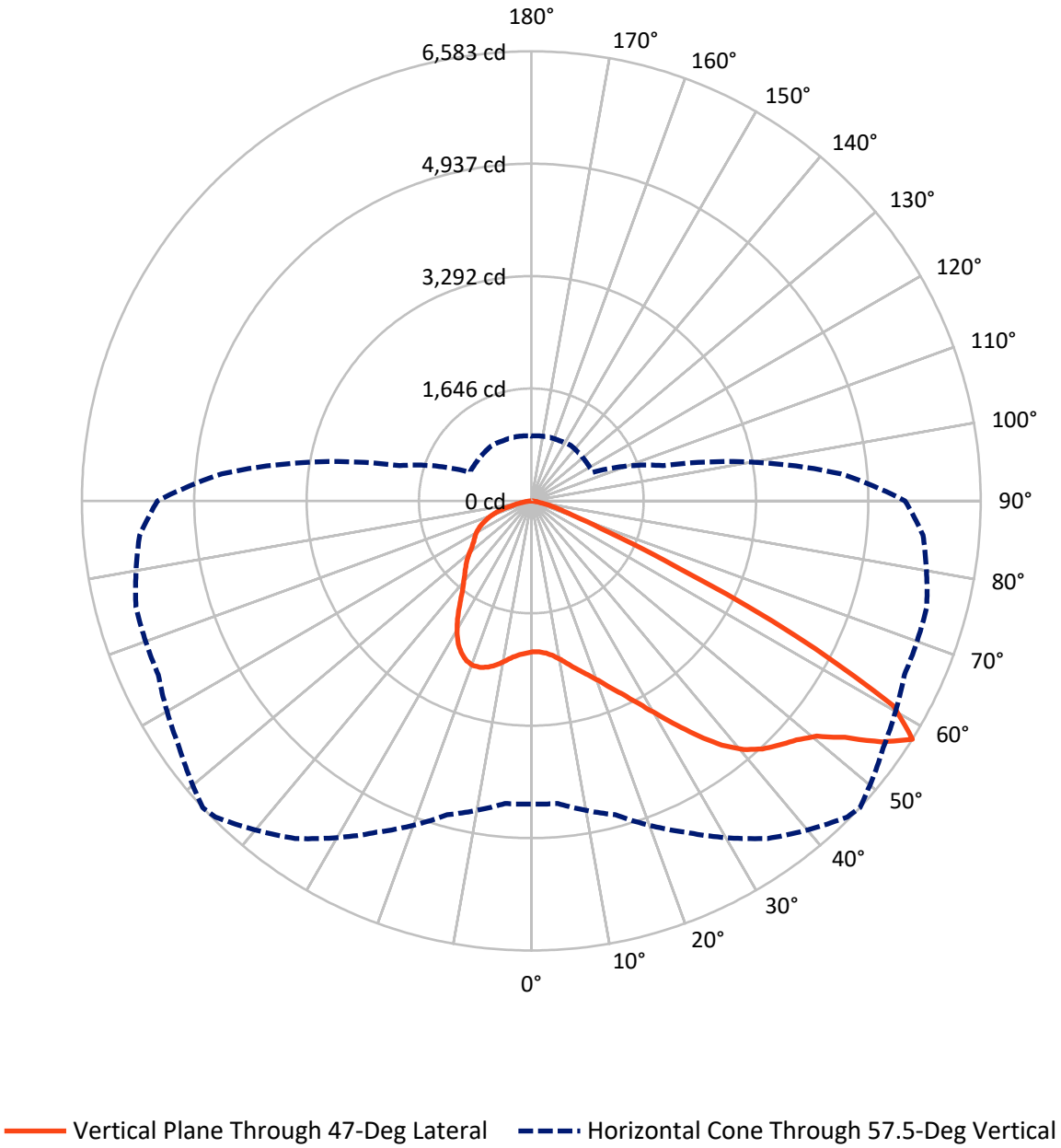
Based on 20 foot mounting height. Maximum calculated value = 6.2 fc
Type II - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P634812
CATALOG NUMBER: GWS-SA3C-740-U-T3-W-GRSWH

Luminous Intensity Polar Plot



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

Scaled Data Report

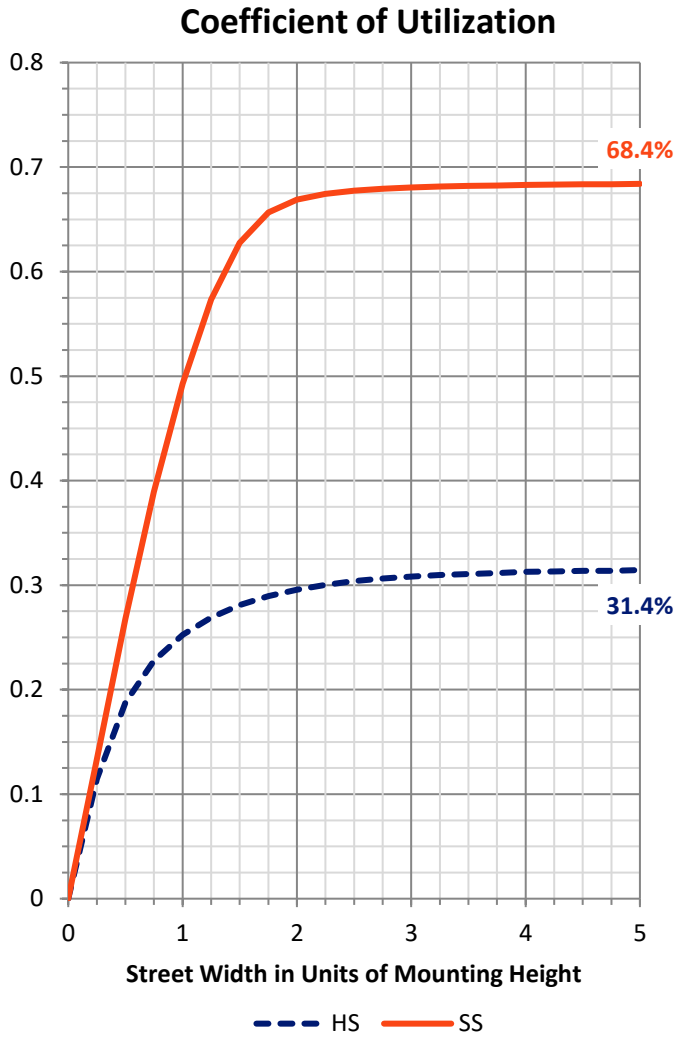
REPORT NUMBER: P634812
CATALOG NUMBER: GWS-SA3C-740-U-T3-W-GRSWH

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3768.2	0.0	3768.2
	% Fixture	31.6	0.0	31.6
Street Side	Lumens	8137.8	0.0	8137.8
	% Fixture	68.4	0.0	68.4
Total	Lumens	11906.1	0.0	11906.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	217.8	1.8
10°-20°	716.3	6.0
20°-30°	1289.7	10.8
30°-40°	1948.0	16.4
40°-50°	2623.2	22.0
50°-60°	3152.2	26.5
60°-70°	1535.2	12.9
70°-80°	378.2	3.2
80°-90°	45.5	0.4
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°	11906.1	100.0
0°-180°	11906.1	100.0



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

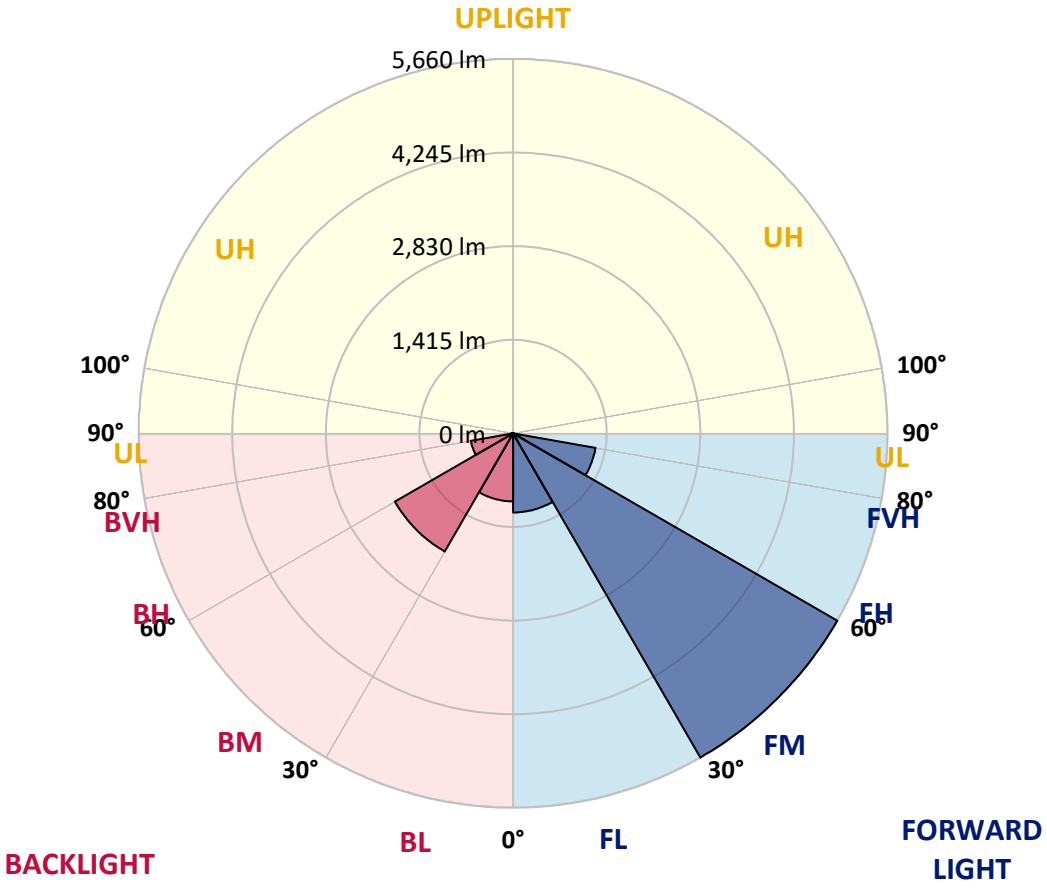
Scaled Data Report

REPORT NUMBER: P634812
CATALOG NUMBER: GWS-SA3C-740-U-T3-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1195.9	10.0			
FM	(30°-60°)	5659.6	47.5			
FH	(60°-80°)	1265.3	10.6			G1/1800
FVH	(80°-90°)	17.1	0.1			G1/100
BL	(0°-30°)	1027.9	8.6	B3/2500		
BM	(30°-60°)	2063.9	17.3	B2/2500		
BH	(60°-80°)	648.1	5.4	B2/1000		G2/1000
BVH	(80°-90°)	28.4	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type II Short



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

Scaled Data Report

REPORT NUMBER: P634812
CATALOG NUMBER: GWS-SA3C-740-U-T3-W-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208
2.5°	2204	2203	2203	2209	2209	2211	2214	2217	2218	2213	2202
5°	2228	2228	2228	2233	2233	2235	2239	2240	2239	2231	2220
7.5°	2266	2266	2267	2273	2278	2281	2288	2287	2284	2271	2257
10°	2328	2331	2334	2341	2351	2358	2363	2363	2359	2339	2321
12.5°	2416	2420	2423	2429	2437	2449	2460	2460	2455	2430	2403
15°	2519	2523	2522	2524	2539	2556	2565	2571	2573	2538	2496
17.5°	2637	2641	2637	2631	2633	2660	2676	2698	2711	2664	2597
20°	2744	2740	2740	2744	2750	2783	2807	2843	2859	2802	2698
22.5°	2857	2866	2862	2862	2886	2941	2970	3017	3034	2960	2820
25°	3003	3011	3009	3011	3039	3117	3146	3233	3250	3144	2955
27.5°	3163	3176	3182	3180	3225	3327	3363	3484	3515	3350	3099
30°	3371	3385	3390	3388	3441	3580	3621	3759	3803	3594	3282
32.5°	3612	3626	3641	3647	3715	3857	3916	4059	4122	3876	3503
35°	3851	3863	3892	3939	4032	4177	4229	4370	4431	4169	3770
37.5°	4115	4123	4148	4213	4347	4485	4537	4672	4679	4452	4072
40°	4404	4404	4399	4463	4603	4742	4787	4865	4824	4670	4366
42.5°	4649	4645	4649	4709	4813	4926	4965	4950	4898	4837	4632
45°	4870	4873	4909	4955	5009	5076	5099	5014	4967	4971	4845
47.5°	5020	5023	5107	5184	5217	5238	5228	5110	5086	5131	5009
50°	5040	5056	5201	5359	5441	5444	5416	5272	5265	5316	5097
52.5°	5044	5060	5241	5526	5739	5784	5752	5602	5529	5478	5205
55°	5029	5047	5247	5638	6046	6226	6229	6017	5784	5750	5513
57.5°	4440	4447	4757	5353	6034	6544	6583	6295	6029	5997	5760
60°	3093	3121	3458	4245	5069	5968	6094	6010	5832	5599	4942
62.5°	1549	1573	1911	2655	3496	4206	4341	4430	4472	4222	3365
65°	667	685	895	1387	1979	2322	2369	2476	2738	2443	1813
67.5°	446	458	565	846	1166	1188	1181	1204	1261	1041	819
70°	342	352	424	620	838	717	679	616	669	682	664
72.5°	248	256	310	423	525	458	452	484	556	576	565
75°	160	164	197	232	271	294	306	364	437	452	439
77.5°	107	110	129	149	154	155	159	185	235	263	260
80°	56	56	63	63	72	86	90	107	130	144	145
82.5°	22	23	27	30	36	44	47	56	68	78	87
85°	9	10	11	13	16	20	21	24	32	40	45
87.5°	0	0	1	1	2	3	3	4	5	9	12
90°	0	0	0	0	0	0	0	0	0	0	0

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

Scaled Data Report

REPORT NUMBER: P634812
CATALOG NUMBER: GWS-SA3C-740-U-T3-W-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208
2.5°	2215	2202	2215	2219	2230	2234	2227	2226	2226	2216	2213
5°	2230	2218	2231	2237	2253	2263	2265	2273	2278	2274	2273
7.5°	2267	2252	2266	2275	2296	2312	2319	2337	2350	2348	2347
10°	2332	2312	2328	2343	2366	2385	2386	2396	2409	2405	2403
12.5°	2407	2388	2406	2421	2448	2456	2443	2439	2441	2436	2432
15°	2499	2472	2488	2505	2520	2511	2483	2472	2471	2464	2460
17.5°	2591	2557	2569	2578	2571	2543	2508	2489	2480	2466	2462
20°	2682	2639	2637	2630	2598	2547	2500	2462	2439	2420	2413
22.5°	2786	2726	2696	2664	2594	2511	2440	2386	2349	2325	2317
25°	2898	2813	2751	2687	2554	2434	2335	2261	2217	2191	2182
27.5°	3009	2892	2799	2690	2474	2323	2190	2090	2046	2025	2018
30°	3159	2997	2856	2651	2369	2169	2003	1902	1873	1858	1852
32.5°	3332	3130	2932	2569	2235	1989	1814	1744	1724	1695	1694
35°	3560	3320	3004	2448	2066	1796	1669	1619	1583	1537	1533
37.5°	3826	3557	3043	2294	1869	1637	1561	1505	1447	1386	1378
40°	4101	3834	3046	2112	1676	1532	1468	1395	1323	1255	1246
42.5°	4390	4092	2993	1902	1518	1441	1376	1284	1203	1157	1152
45°	4648	4300	2873	1681	1401	1365	1282	1183	1140	1107	1100
47.5°	4851	4438	2711	1483	1306	1287	1179	1128	1095	1065	1058
50°	4951	4469	2500	1322	1218	1195	1121	1082	1060	1036	1030
52.5°	5075	4504	2318	1187	1132	1101	1073	1042	1026	1011	1006
55°	5360	4636	2222	1079	1050	1036	1032	1006	1001	991	982
57.5°	*5476*	*4551*	*1995*	*991*	*985*	*987*	*997*	*973*	*968*	*956*	*950*
60°	4404	3440	1351	915	931	944	954	930	923	921	913
62.5°	2822	2116	943	844	868	884	890	867	862	878	879
65°	1469	1153	765	768	788	812	824	816	814	831	832
67.5°	750	705	667	678	694	725	753	788	800	802	803
70°	639	619	600	607	624	641	668	685	665	660	658
72.5°	544	529	520	528	537	534	526	534	537	538	539
75°	423	412	405	406	406	395	380	371	361	353	353
77.5°	259	261	268	267	266	262	247	239	215	208	208
80°	148	151	158	160	160	155	140	131	120	115	114
82.5°	90	94	98	100	101	95	82	75	69	64	64
85°	47	49	53	54	51	45	38	35	29	28	28
87.5°	13	14	16	13	12	9	5	4	2	1	1
90°	0	0	0	0	0	0	0	0	0	0	0

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

LM-79-08: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

MCGRAW, INVUE, LUMARK AND STREETWORKS

DATA VALID FOR LUMINIAIRES UTIZLIZING SA LIGHT ENGINES

Report Number: SP1-2101-121-2

Luminaire Tested: IFLD-S-SA2A-740-U-T3R-HSS

Test Date: 03/05/2021

Report Generated By controller / USPTCWHP6086842

Test Information

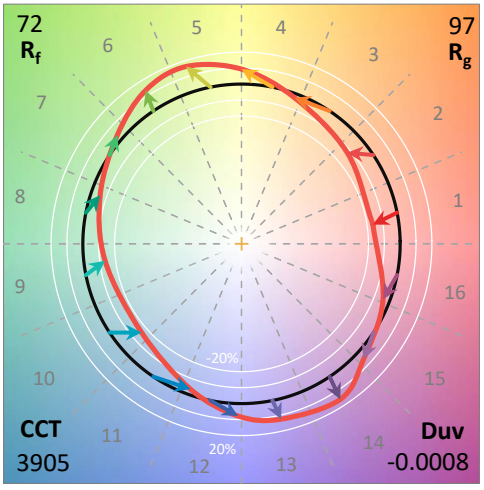
Test Method:	LM-79-08
Report Number:	SP1-2101-121-2
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1
Measurement Geometry:	4π
Issue Date:	03/05/2021
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	**IFLD-S-SA2A-740-U-T3R-HSS**
Description:	STREETWORKS INF FLOOD

SHIELD, DRIVER PROGRAMMED @ 615mA.

Spectral Parameters

CCT (K):	3905	CRI (Ra):	71.2		
CIE u':	0.2273	R1:	68.9	R9:	-29.7
CIE v':	0.5024	R2:	77.0	R10:	46.2
Duv:	-0.0008	R3:	84.0	R11:	68.8
CIE x:	0.3841	R4:	71.6	R12:	45.6
CIE y:	0.3774	R5:	68.9	R13:	69.5
CIE z:	0.2385	R6:	68.3	R14:	90.7
Peak Wavelength (nm):	443	R7:	78.7		
Dominant Wavelength (nm):	579	R8:	52.2		
Purity:	28.7				

Rf:	71.7
Rg:	96.9



Test Conditions

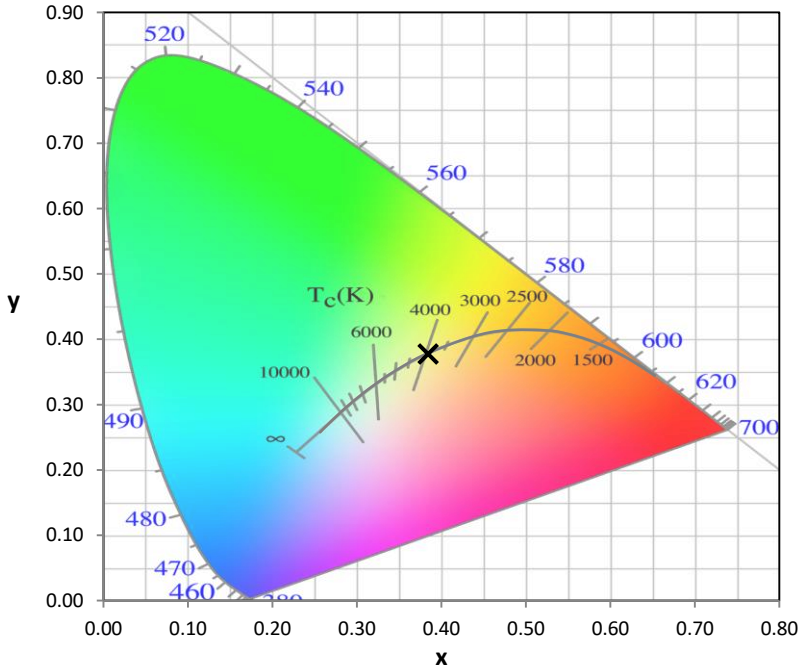
Stabilization Time:	211M
Operation Time:	12H
Room Temperature (°C) / RH%:	24.8/312%
Sphere Temperature (°C):	24.1

REPORT NUMBER: SP1-2101-121-2

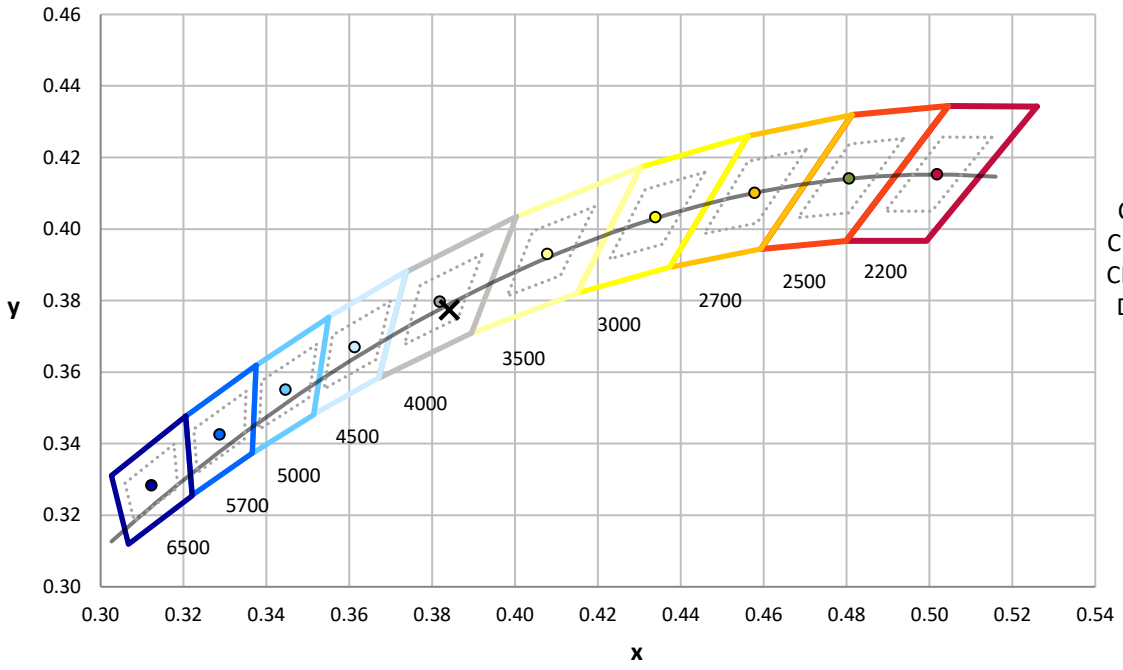
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	1/31/2021	7/31/2021
Power Meter	IN0071	12/1/2020	12/1/2021
AC Power Source	IN0063	12/1/2020	12/1/2021
DC Power Source	IN0208	12/1/2020	12/1/2021
Sphere Thermometer	IN0085	12/1/2020	12/1/2021
Room Thermometer	IN0046	12/1/2020	12/1/2021

REPORT NUMBER: SP1-2101-121-2

CIE 1931 Chromaticity Diagram



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

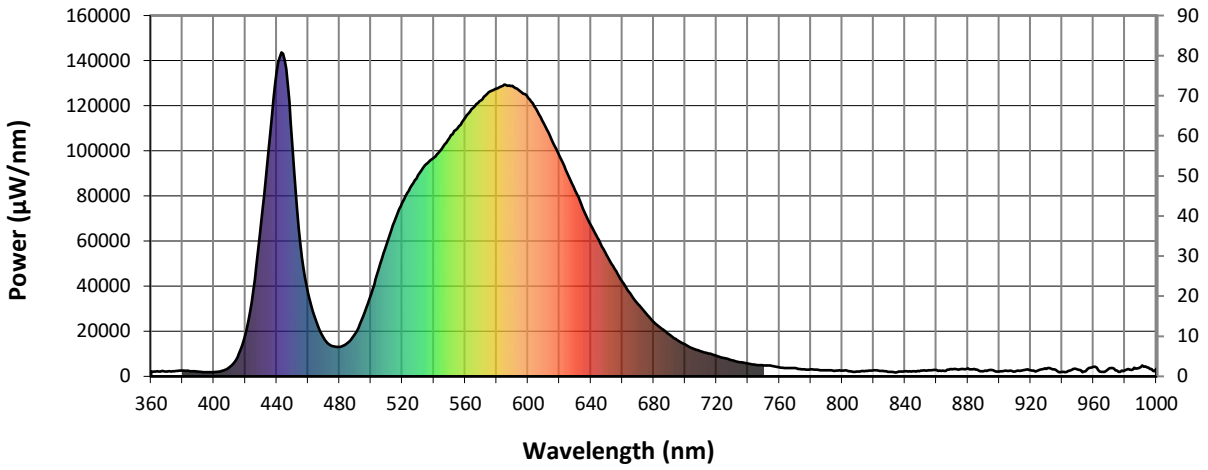


CCT = 3905K
CIE x = 0.3841
CIE y = 0.3774
Duv = -0.0008

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2101-121-2

Photopic Flux vs. Wavelength

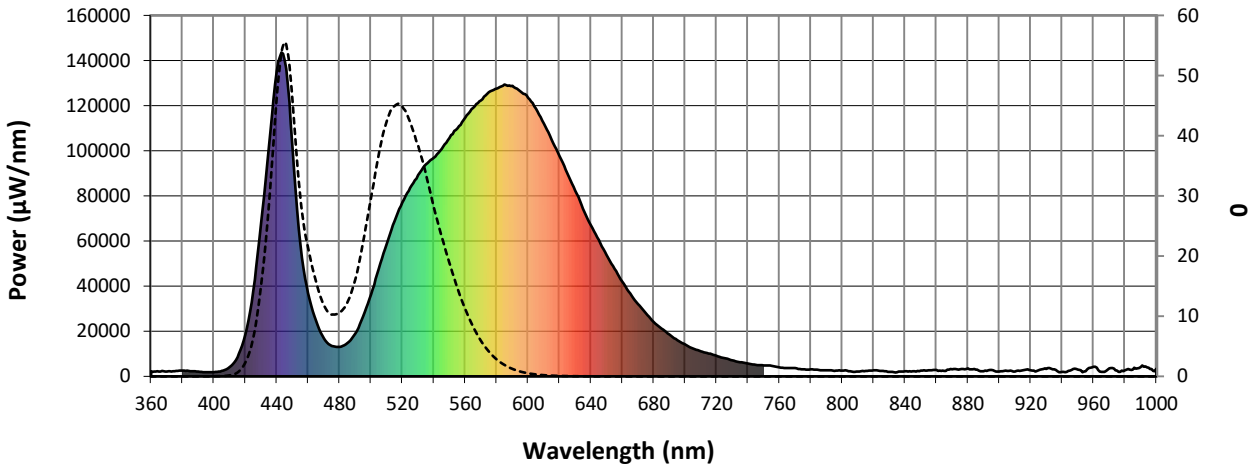


######

λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)
360	2304	0.0	490	19043	2.7	620	97577	25.4	750	4830	0.0	880	3505	0.0
365	2150	0.0	495	26606	4.8	625	90158	19.9	755	4664	0.0	885	2991	0.0
370	2146	0.0	500	36376	8.0	630	82240	14.9	760	4006	0.0	890	2327	0.0
375	2332	0.0	505	47714	13.3	635	74361	11.2	765	3715	0.0	895	2775	0.0
380	2527	0.0	510	58741	20.2	640	66994	8.0	770	3696	0.0	900	2141	0.0
385	2304	0.0	515	68716	28.5	645	60405	5.8	775	3117	0.0	905	2421	0.0
390	2064	0.0	520	77136	37.4	650	53806	3.9	780	3062	0.0	910	2200	0.0
395	1856	0.0	525	83567	44.9	655	47610	2.7	785	2907	0.0	915	2716	0.0
400	1856	0.0	530	89283	52.6	660	42018	1.8	790	2655	0.0	920	2656	0.0
405	2374	0.0	535	94097	58.4	665	36742	1.2	795	2467	0.0	925	2671	0.0
410	4084	0.0	540	96845	63.1	670	32105	0.7	800	2609	0.0	930	3292	0.0
415	8543	0.0	545	100829	67.1	675	27946	0.5	805	2293	0.0	935	3188	0.0
420	18394	0.1	550	105648	71.8	680	24146	0.3	810	2188	0.0	940	1997	0.0
425	37987	0.2	555	110017	75.1	685	21191	0.2	815	2386	0.0	945	2623	0.0
430	67605	0.5	560	114586	77.9	690	18544	0.1	820	2712	0.0	950	2969	0.0
435	102160	1.2	565	118987	79.1	695	16058	0.1	825	2473	0.0	955	2277	0.0
440	135103	2.1	570	122326	79.5	700	14133	0.0	830	1969	0.0	960	4267	0.0
445	140126	2.9	575	125968	78.4	705	12309	0.0	835	1917	0.0	965	2034	0.0
450	102339	2.7	580	127613	75.8	710	11142	0.0	840	2248	0.0	970	3586	0.0
455	58751	2.0	585	129466	71.9	715	10143	0.0	845	2266	0.0	975	2505	0.0
460	36892	1.5	590	128813	66.6	720	9072	0.0	850	2558	0.0	980	2666	0.0
465	24637	1.3	595	126387	59.9	725	8130	0.0	855	2767	0.0	985	2934	0.0
470	16738	1.0	600	123477	53.2	730	7149	0.0	860	2826	0.0	990	4120	0.0
475	13456	1.1	605	118718	46.0	735	6311	0.0	865	2385	0.0	995	3858	0.0
480	13081	1.2	610	112091	38.5	740	5711	0.0	870	3194	0.0	1000	3405	0.0
485	14734	1.7	615	105039	31.7	745	5111	0.0	875	3189	0.0			

REPORT NUMBER: SP1-2101-121-2

Scotopic Flux vs. Wavelength

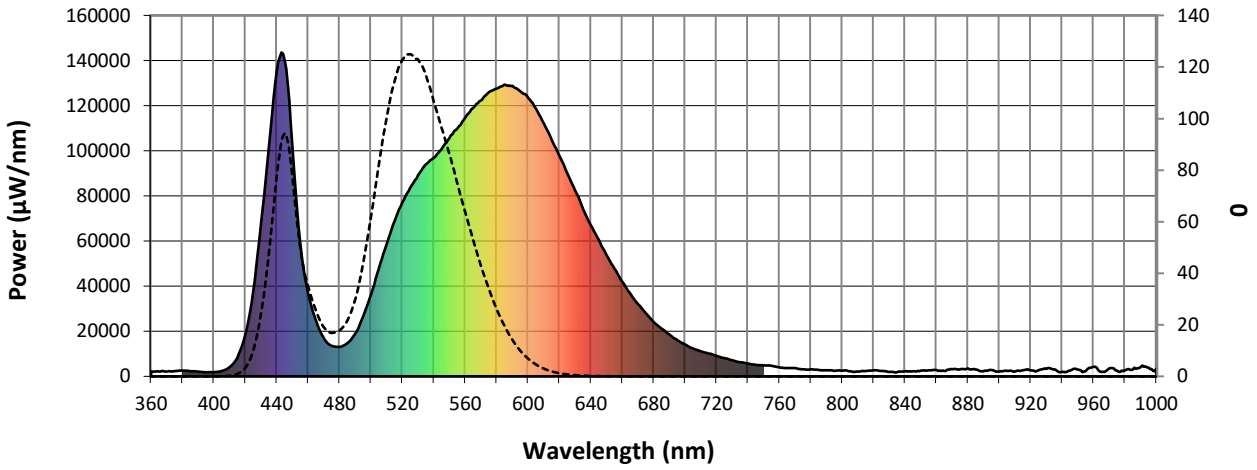


Scotopic Lumens: 10425.8 **S/P: 1.47**

λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)
360	2304	0.0	490	19043	29.3	620	97577	1.2	750	4830	0.0	880	3505	0.0
365	2150	0.0	495	26606	43.0	625	90158	0.8	755	4664	0.0	885	2991	0.0
370	2146	0.0	500	36376	60.8	630	82240	0.5	760	4006	0.0	890	2327	0.0
375	2332	0.0	505	47714	81.1	635	74361	0.3	765	3715	0.0	895	2775	0.0
380	2527	0.0	510	58741	99.6	640	66994	0.2	770	3696	0.0	900	2141	0.0
385	2304	0.0	515	68716	113.9	645	60405	0.1	775	3117	0.0	905	2421	0.0
390	2064	0.0	520	77136	122.6	650	53806	0.1	780	3062	0.0	910	2200	0.0
395	1856	0.0	525	83567	125.0	655	47610	0.0	785	2907	0.0	915	2716	0.0
400	1856	0.0	530	89283	123.1	660	42018	0.0	790	2655	0.0	920	2656	0.0
405	2374	0.1	535	94097	117.3	665	36742	0.0	795	2467	0.0	925	2671	0.0
410	4084	0.2	540	96845	107.0	670	32105	0.0	800	2609	0.0	930	3292	0.0
415	8543	0.9	545	100829	96.7	675	27946	0.0	805	2293	0.0	935	3188	0.0
420	18394	3.0	550	105648	86.4	680	24146	0.0	810	2188	0.0	940	1997	0.0
425	37987	9.3	555	110017	75.2	685	21191	0.0	815	2386	0.0	945	2623	0.0
430	67605	23.0	560	114586	64.0	690	18544	0.0	820	2712	0.0	950	2969	0.0
435	102160	45.7	565	118987	53.4	695	16058	0.0	825	2473	0.0	955	2277	0.0
440	135103	75.5	570	122326	43.2	700	14133	0.0	830	1969	0.0	960	4267	0.0
445	140126	93.8	575	125968	34.3	705	12309	0.0	835	1917	0.0	965	2034	0.0
450	102339	79.3	580	127613	26.3	710	11142	0.0	840	2248	0.0	970	3586	0.0
455	58751	51.3	585	129466	19.8	715	10143	0.0	845	2266	0.0	975	2505	0.0
460	36892	35.6	590	128813	14.3	720	9072	0.0	850	2558	0.0	980	2666	0.0
465	24637	26.0	595	126387	10.1	725	8130	0.0	855	2767	0.0	985	2934	0.0
470	16738	19.3	600	123477	7.0	730	7149	0.0	860	2826	0.0	990	4120	0.0
475	13456	16.8	605	118718	4.7	735	6311	0.0	865	2385	0.0	995	3858	0.0
480	13081	17.7	610	112091	3.0	740	5711	0.0	870	3194	0.0	1000	3405	0.0
485	14734	21.4	615	105039	1.9	745	5111	0.0	875	3189	0.0			

REPORT NUMBER: SP1-2101-121-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: 3927.2 **M/P: 0.55**

λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)	λ (nm)	Power (µW/nm)	Lumens (ϕ/nm)
360	2304	0.0	490	19043	15.8	620	97577	0.1	750	4830	0.0	880	3505	0.0
365	2150	0.0	495	26606	22.0	625	90158	0.0	755	4664	0.0	885	2991	0.0
370	2146	0.0	500	36376	29.2	630	82240	0.0	760	4006	0.0	890	2327	0.0
375	2332	0.0	505	47714	36.6	635	74361	0.0	765	3715	0.0	895	2775	0.0
380	2527	0.0	510	58741	42.2	640	66994	0.0	770	3696	0.0	900	2141	0.0
385	2304	0.0	515	68716	44.9	645	60405	0.0	775	3117	0.0	905	2421	0.0
390	2064	0.0	520	77136	44.9	650	53806	0.0	780	3062	0.0	910	2200	0.0
395	1856	0.0	525	83567	42.4	655	47610	0.0	785	2907	0.0	915	2716	0.0
400	1856	0.0	530	89283	38.6	660	42018	0.0	790	2655	0.0	920	2656	0.0
405	2374	0.0	535	94097	33.9	665	36742	0.0	795	2467	0.0	925	2671	0.0
410	4084	0.2	540	96845	28.3	670	32105	0.0	800	2609	0.0	930	3292	0.0
415	8543	0.6	545	100829	23.4	675	27946	0.0	805	2293	0.0	935	3188	0.0
420	18394	2.1	550	105648	19.0	680	24146	0.0	810	2188	0.0	940	1997	0.0
425	37987	5.9	555	110017	14.8	685	21191	0.0	815	2386	0.0	945	2623	0.0
430	67605	14.3	560	114586	11.3	690	18544	0.0	820	2712	0.0	950	2969	0.0
435	102160	27.3	565	118987	8.4	695	16058	0.0	825	2473	0.0	955	2277	0.0
440	135103	45.1	570	122326	6.0	700	14133	0.0	830	1969	0.0	960	4267	0.0
445	140126	55.3	575	125968	4.2	705	12309	0.0	835	1917	0.0	965	2034	0.0
450	102339	47.2	580	127613	2.9	710	11142	0.0	840	2248	0.0	970	3586	0.0
455	58751	30.8	585	129466	1.9	715	10143	0.0	845	2266	0.0	975	2505	0.0
460	36892	21.7	590	128813	1.3	720	9072	0.0	850	2558	0.0	980	2666	0.0
465	24637	16.1	595	126387	0.8	725	8130	0.0	855	2767	0.0	985	2934	0.0
470	16738	12.0	600	123477	0.5	730	7149	0.0	860	2826	0.0	990	4120	0.0
475	13456	10.3	605	118718	0.3	735	6311	0.0	865	2385	0.0	995	3858	0.0
480	13081	10.5	610	112091	0.2	740	5711	0.0	870	3194	0.0	1000	3405	0.0
485	14734	12.1	615	105039	0.1	745	5111	0.0	875	3189	0.0			

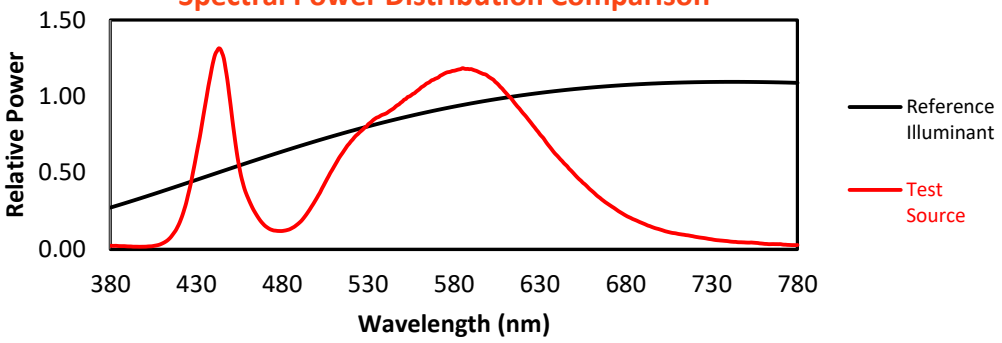
REPORT NUMBER: SP1-2101-121-2

TM-30-18

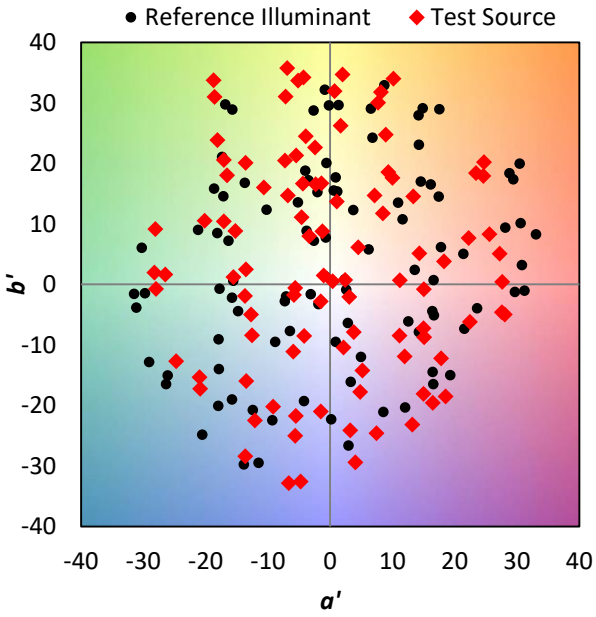
Summary

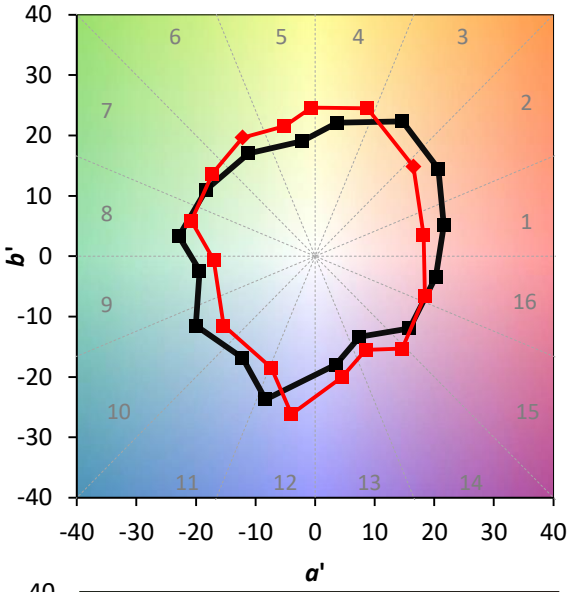
R_f = 71.7
R_g = 96.9
CIE R_a = 71.2
R_9 = -29.7

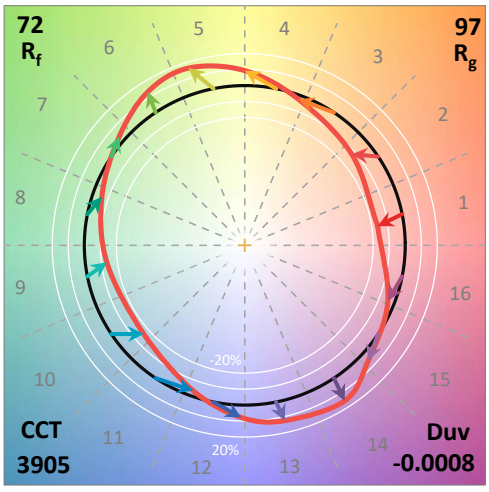
Spectral Power Distribution Comparison

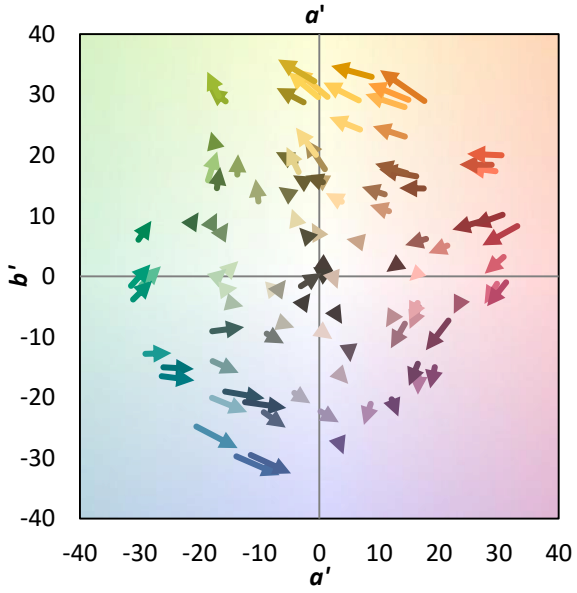


Color Vector Graphics







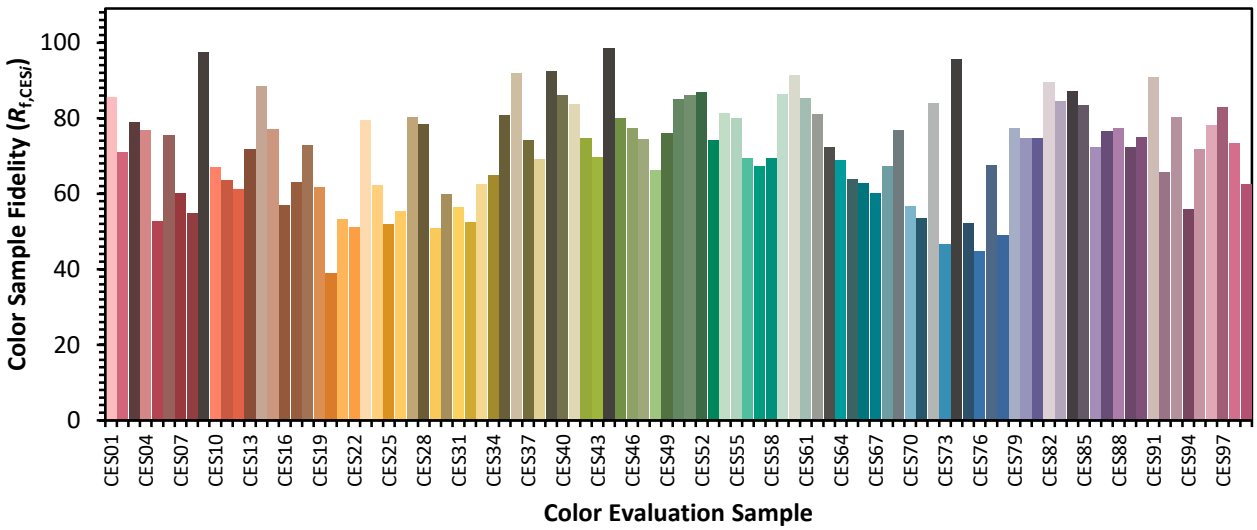


REPORT NUMBER: SP1-2101-121-2

TM-30-18

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

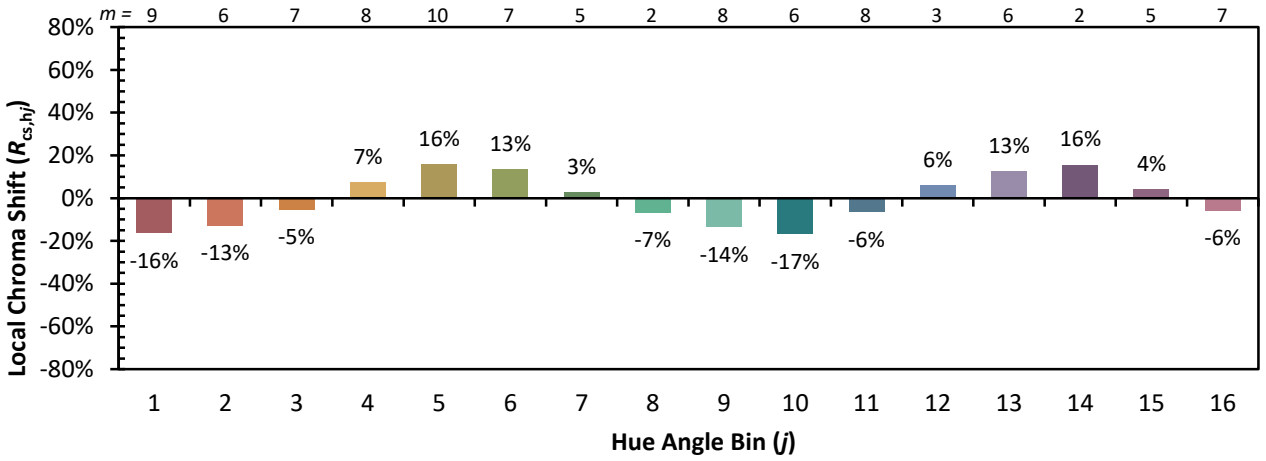
CES01 = 85	CES26 = 55	CES51 = 86	CES76 = 45
CES02 = 61	CES27 = 80	CES52 = 87	CES77 = 68
CES03 = 30	CES28 = 79	CES53 = 74	CES78 = 49
CES04 = 70	CES29 = 51	CES54 = 81	CES79 = 77
CES05 = 47	CES30 = 60	CES55 = 80	CES80 = 75
CES06 = 50	CES31 = 56	CES56 = 69	CES81 = 75
CES07 = 40	CES32 = 52	CES57 = 67	CES82 = 90
CES08 = 39	CES33 = 62	CES58 = 69	CES83 = 85
CES09 = 29	CES34 = 65	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 81	CES60 = 91	CES85 = 83
CES11 = 57	CES36 = 92	CES61 = 85	CES86 = 72
CES12 = 63	CES37 = 74	CES62 = 81	CES87 = 77
CES13 = 42	CES38 = 69	CES63 = 72	CES88 = 77
CES14 = 74	CES39 = 92	CES64 = 69	CES89 = 72
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 75
CES16 = 46	CES41 = 84	CES66 = 63	CES91 = 91
CES17 = 49	CES42 = 75	CES67 = 60	CES92 = 66
CES18 = 56	CES43 = 70	CES68 = 67	CES93 = 80
CES19 = 72	CES44 = 98	CES69 = 77	CES94 = 56
CES20 = 65	CES45 = 80	CES70 = 57	CES95 = 72
CES21 = 86	CES46 = 77	CES71 = 53	CES96 = 78
CES22 = 78	CES47 = 74	CES72 = 84	CES97 = 83
CES23 = 92	CES48 = 66	CES73 = 47	CES98 = 73
CES24 = 91	CES49 = 76	CES74 = 96	CES99 = 63
CES25 = 72	CES50 = 85	CES75 = 52	

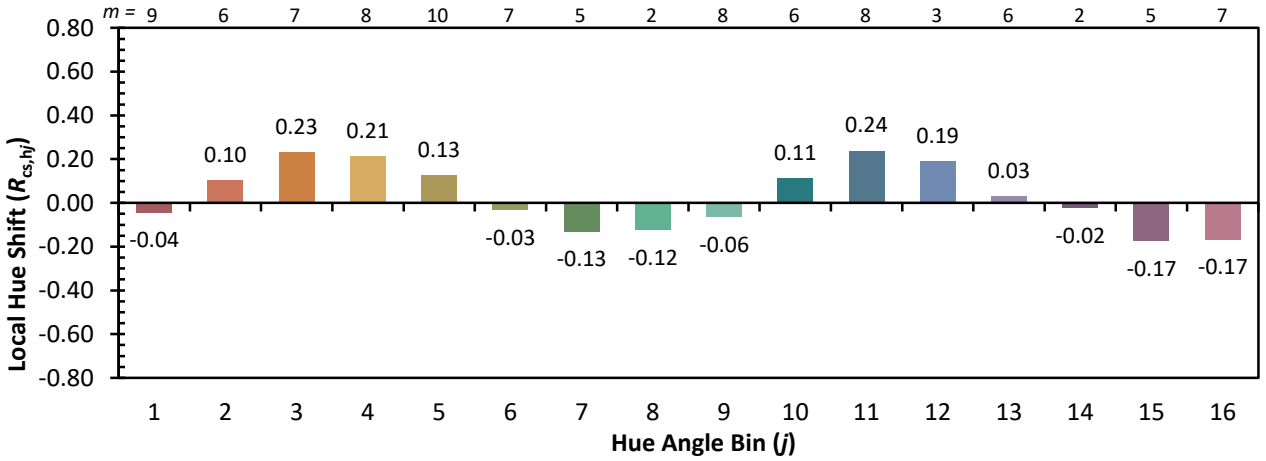


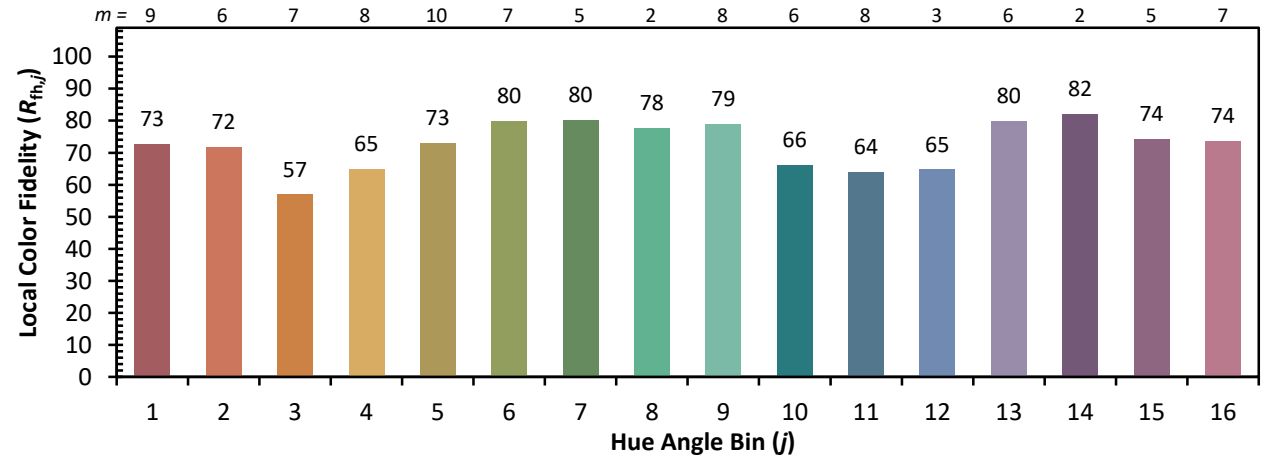
REPORT NUMBER: SP1-2101-121-2

TM-30-18

Color Rendition by Hue-Angle Bin



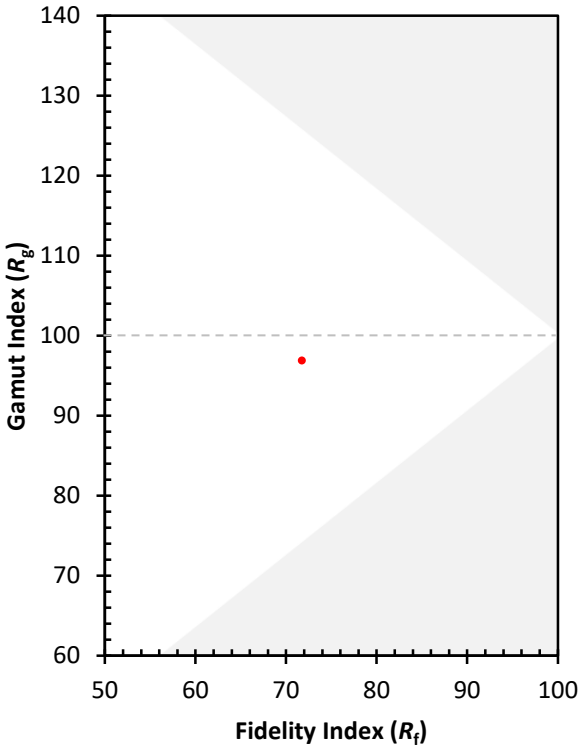


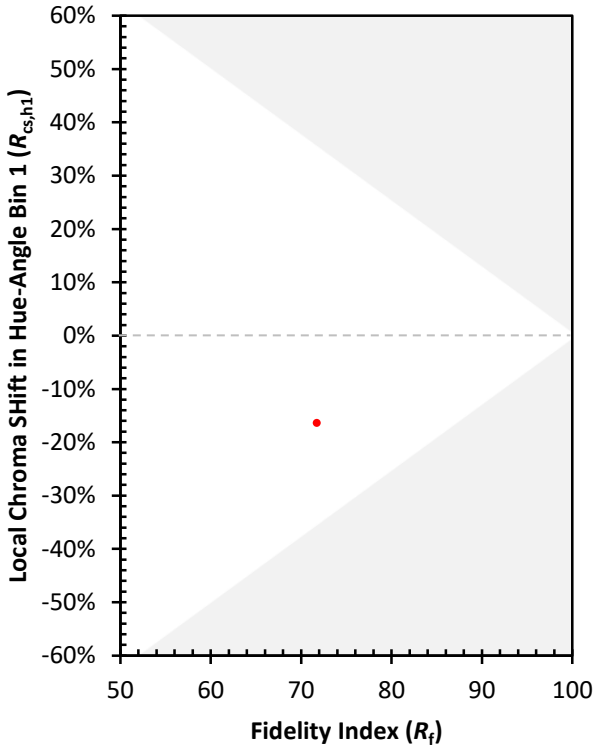


REPORT NUMBER: SP1-2101-121-2

TM-30-18

Measure Comparisons





(END OF REPORT)