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: McGRAW-EDISON

Report Number: P1365271

Luminaire Tested: **GSS-SB1A-740-U-SLL-HSS**

Issue Date: 02/18/2026

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:	P1365271
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-740-U-SLL-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator LETT OPTIC OPTIC AND HOUSE SIDE SHIELD
Light Source:	(26) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3258.8 lumens
Efficiency:	N/A
Efficacy:	105.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

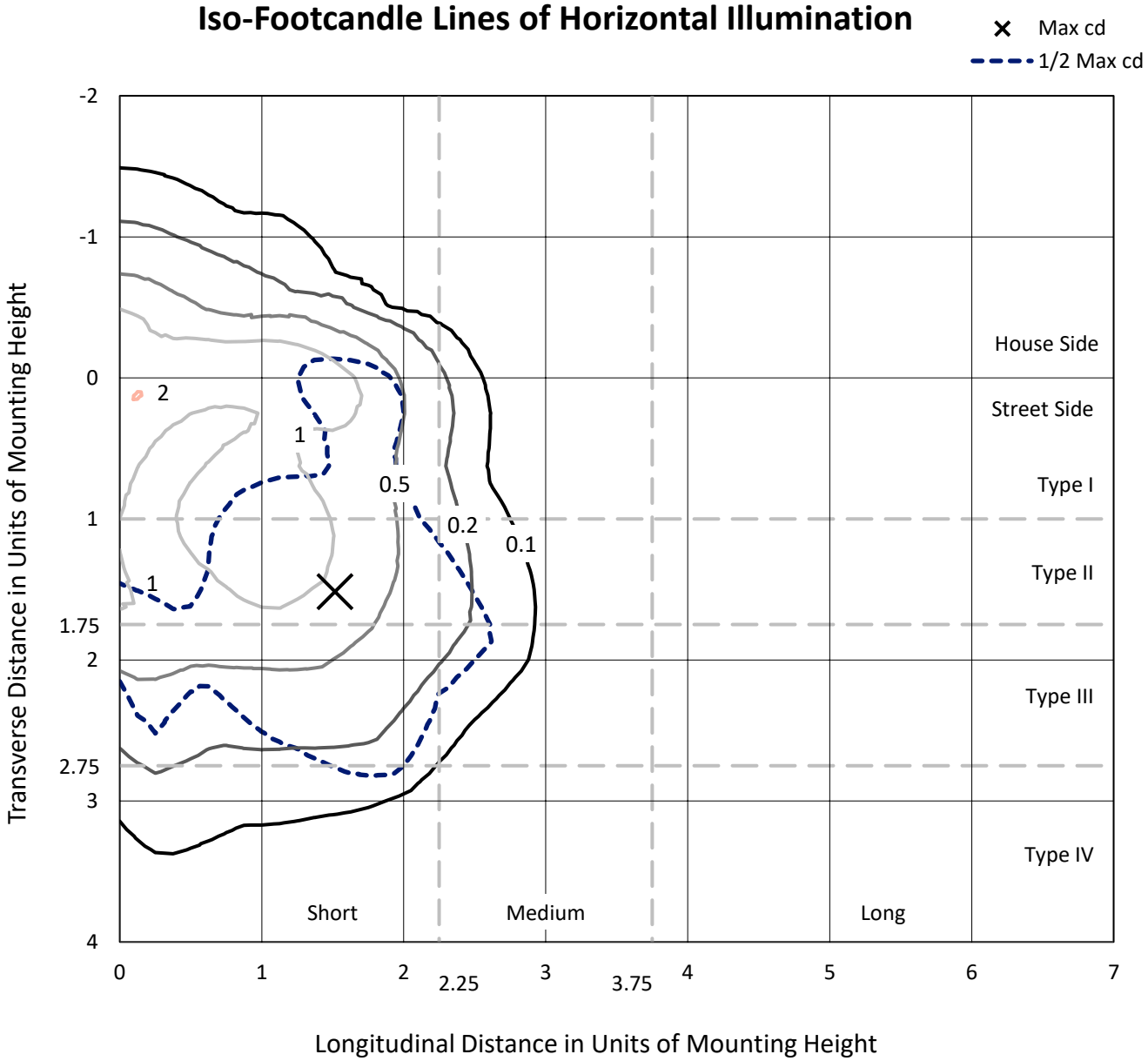
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1365271
CATALOG NUMBER: GSS-SB1A-740-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination



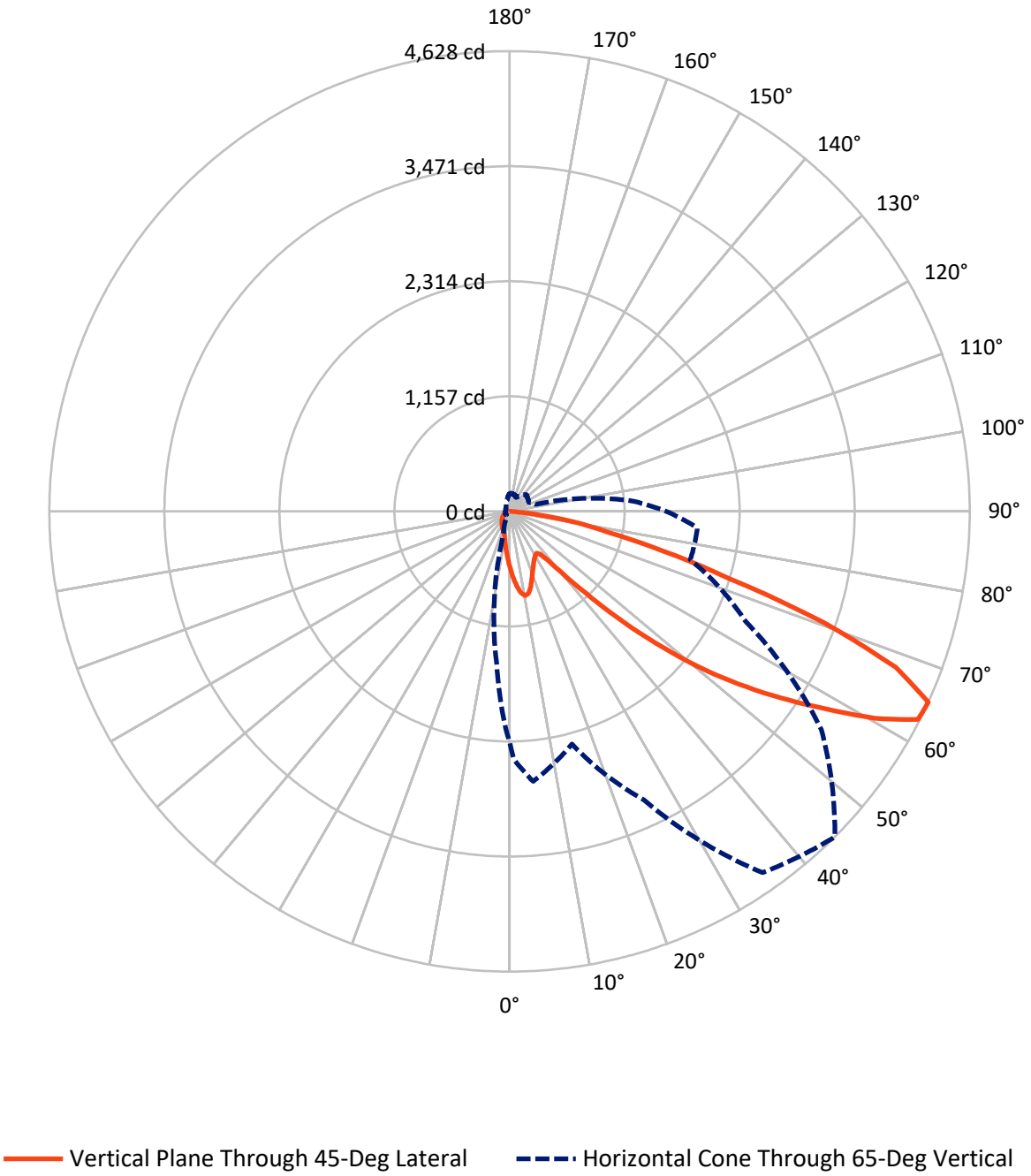
Based on 20 foot mounting height. Maximum calculated value = 2.1 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1365271
CATALOG NUMBER: GSS-SB1A-740-U-SLL-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

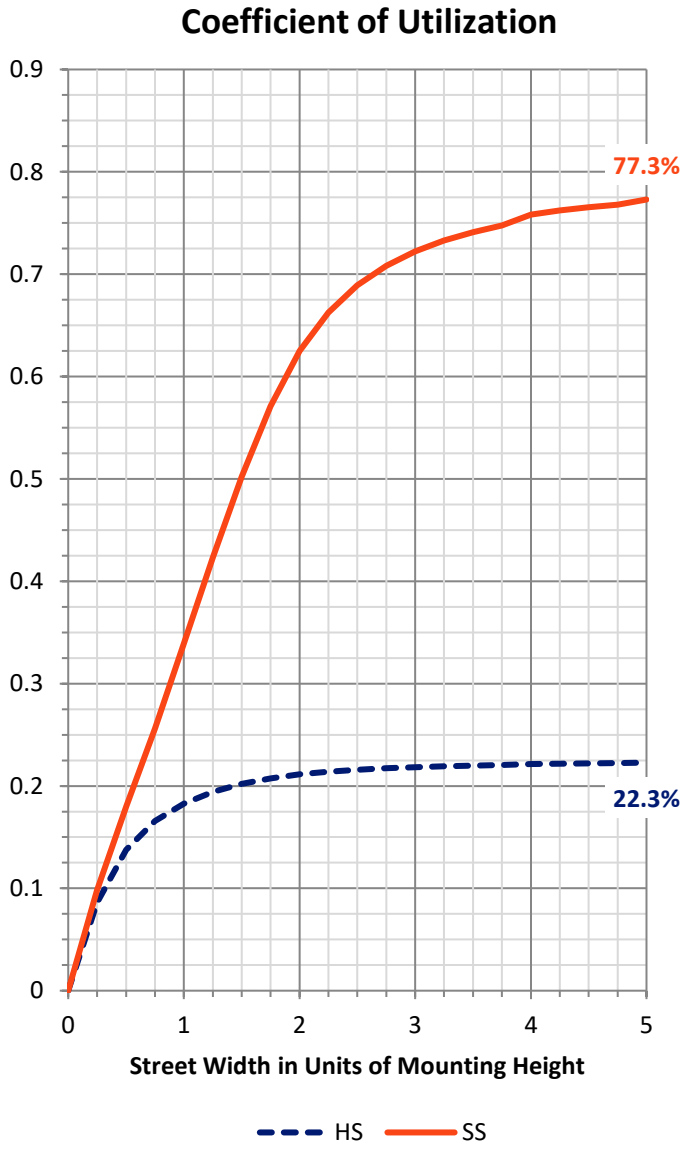
REPORT NUMBER: P1365271
CATALOG NUMBER: GSS-SB1A-740-U-SLL-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	733.1	0.0	733.1
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	2525.8	0.0	2525.8
	% Fixture	77.5	0.0	77.5
Total	Lumens	3258.8	0.0	3258.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.1	1.7
10°-20°	149.6	4.6
20°-30°	214.3	6.6
30°-40°	268.9	8.3
40°-50°	441.7	13.6
50°-60°	797.4	24.5
60°-70°	885.3	27.2
70°-80°	400.2	12.3
80°-90°	47.4	1.5
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°	3258.8	100.0
0°-180°	3258.8	100.0



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

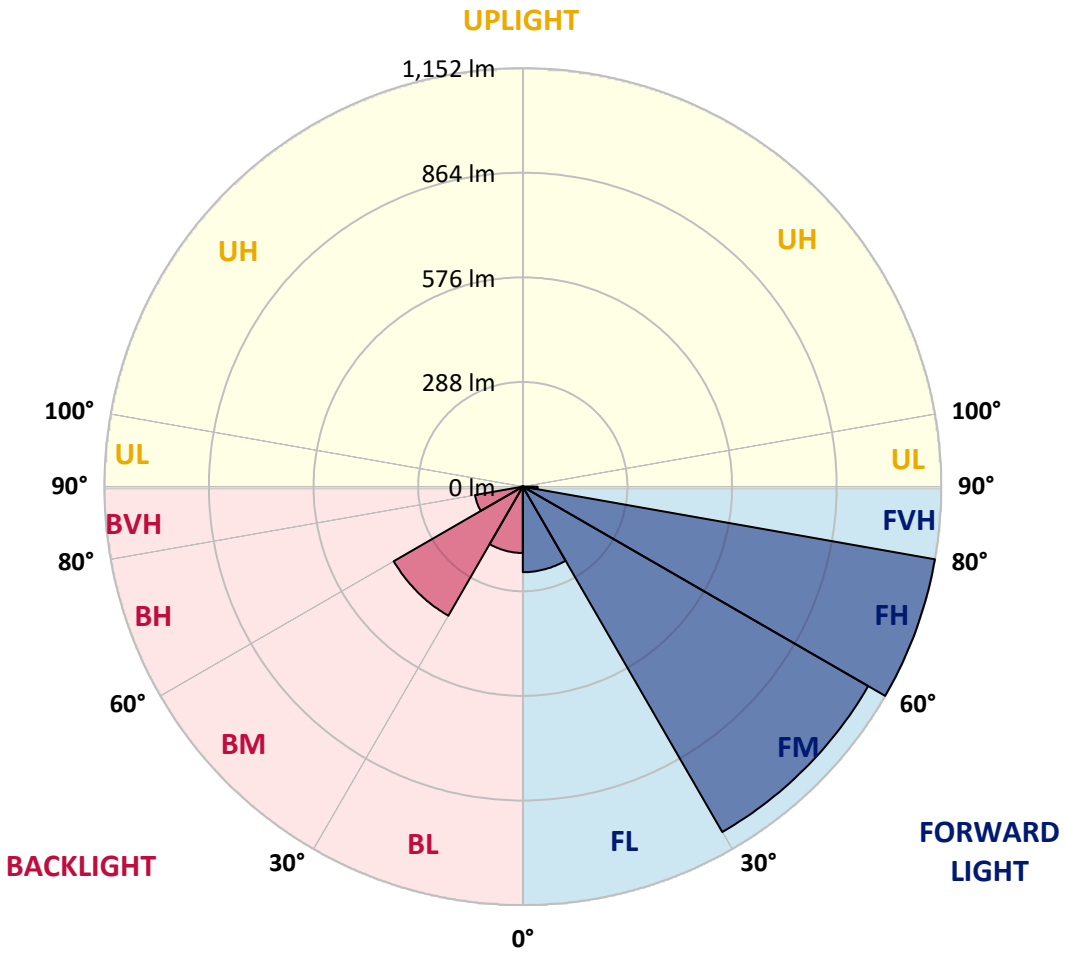
Scaled Data Report

REPORT NUMBER: P1365271
CATALOG NUMBER: GSS-SB1A-740-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	235.4	7.2			
FM	(30°-60°)	1097.8	33.7			
FH	(60°-80°)	1151.9	35.3			G1/1800
FVH	(80°-90°)	40.7	1.2			G1/100
BL	(0°-30°)	182.7	5.6	B1/500		
BM	(30°-60°)	410.2	12.6	B1/1000		
BH	(60°-80°)	133.5	4.1	B1/500		G1/500
BVH	(80°-90°)	6.7	0.2			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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

Scaled Data Report

REPORT NUMBER: P1365271
CATALOG NUMBER: GSS-SB1A-740-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	563	563	563	563	563	563	563	563	563	563	563
2.5°	620	628	627	638	648	655	661	659	654	644	637
5°	685	691	701	722	738	752	750	752	737	722	704
7.5°	741	748	762	792	812	829	827	821	804	779	752
10°	776	781	796	830	853	867	862	852	830	805	773
12.5°	791	797	810	837	852	849	847	845	834	815	786
15°	793	797	807	819	813	796	792	807	821	817	793
17.5°	793	799	801	789	758	727	723	748	787	818	804
20°	796	799	795	756	698	664	657	688	746	807	815
22.5°	800	803	786	717	649	613	609	632	700	791	827
25°	808	806	780	683	606	572	566	596	662	775	847
27.5°	818	809	772	655	575	539	535	564	630	755	864
30°	831	822	771	633	552	516	511	543	608	741	888
32.5°	849	836	772	616	539	505	502	536	599	733	913
35°	873	854	776	610	543	520	527	553	608	739	954
37.5°	903	885	796	623	587	603	621	631	651	767	1020
40°	953	928	826	665	705	780	815	811	765	831	1113
42.5°	1023	1000	887	772	902	1061	1120	1086	947	933	1266
45°	1130	1092	969	931	1140	1401	1534	1417	1178	1094	1484
47.5°	1267	1229	1097	1090	1406	1821	1979	1749	1407	1305	1745
50°	1487	1445	1285	1252	1700	2240	2451	2080	1640	1529	2067
52.5°	1789	1761	1583	1419	1963	2702	2884	2426	1820	1785	2418
55°	2210	2183	1971	1605	2212	3165	3312	2741	1977	2085	2785
57.5°	2687	2732	2502	1853	2474	3538	3743	3027	2189	2486	3193
60°	2998	3140	3111	2286	2881	4002	4225	3410	2499	2781	3184
62.5°	2728	2870	3092	2788	3273	4422	4610	3813	2807	2546	2674
65°	2315	2492	2726	2422	3204	4435	4628	3828	2619	1882	1896
67.5°	1995	2152	2440	2061	2840	4039	4191	3415	2165	1248	1237
70°	1665	1809	2173	1835	2488	3481	3350	2871	1830	829	687
72.5°	1419	1552	1931	1649	1974	2821	2309	2382	1489	527	468
75°	1174	1296	1642	1493	1633	1760	1596	1692	1227	447	361
77.5°	824	900	1152	1188	1271	1042	1012	1185	873	222	152
80°	406	453	601	707	601	591	674	789	453	136	84
82.5°	182	216	277	428	217	236	298	420	206	81	36
85°	29	32	54	72	59	91	87	82	44	22	10
87.5°	1	1	1	2	3	4	5	5	5	5	5
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: P1365271
CATALOG NUMBER: GSS-SB1A-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	563	563	563	563	563	563	563	563	563	563	563
2.5°	635	632	617	602	589	576	563	545	531	519	514
5°	695	679	656	631	609	584	560	533	511	488	476
7.5°	736	720	682	644	617	590	565	535	506	473	455
10°	755	737	696	652	619	592	569	544	515	474	450
12.5°	768	746	699	654	621	593	571	553	536	496	468
15°	776	756	707	655	618	585	564	558	561	542	508
17.5°	788	769	717	661	613	568	545	558	585	591	564
20°	804	784	730	666	598	536	514	547	592	623	608
22.5°	822	806	745	671	576	494	484	524	572	612	613
25°	844	829	766	676	546	458	460	494	532	573	580
27.5°	874	860	792	682	515	429	439	464	490	515	525
30°	907	896	823	694	486	412	418	435	456	471	476
32.5°	952	934	852	693	464	404	398	403	420	435	436
35°	1008	994	882	675	444	400	379	376	386	401	400
37.5°	1090	1078	931	647	419	390	359	349	356	366	369
40°	1213	1182	987	616	394	372	335	321	326	337	339
42.5°	1380	1321	1062	574	370	345	311	296	299	309	311
45°	1594	1505	1165	530	351	317	286	270	273	284	289
47.5°	1844	1722	1273	483	340	295	261	249	256	267	269
50°	2139	2016	1342	445	333	278	238	233	242	251	253
52.5°	2461	2286	1298	414	327	272	222	224	231	240	243
55°	2774	2385	1152	374	320	276	210	215	224	231	233
57.5°	2978	2302	928	332	312	279	204	208	218	226	227
60°	2800	2120	695	296	295	274	202	196	210	217	218
62.5°	2294	1734	444	262	263	263	201	176	194	200	199
65°	*1576*	*1226*	*275*	*214*	*224*	*239*	*195*	*155*	*176*	*182*	*180*
67.5°	1036	779	170	165	184	207	183	139	158	162	156
70°	562	367	112	108	144	163	155	125	141	145	139
72.5°	371	211	79	79	113	114	127	112	125	129	123
75°	279	136	55	61	72	89	91	94	106	111	105
77.5°	128	50	33	45	50	68	58	70	79	81	76
80°	74	28	22	29	32	56	34	42	56	59	53
82.5°	31	14	15	18	19	31	24	27	37	36	32
85°	9	9	10	11	11	18	17	16	17	17	14
87.5°	6	6	6	7	7	8	9	10	10	10	9
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: P1365271
CATALOG NUMBER: GSS-SB1A-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	563	563	563	563	563	563	563	563	563	563	563
2.5°	507	498	485	483	476	471	476	481	490	491	495
5°	465	444	428	410	401	400	398	404	417	425	431
7.5°	437	399	371	346	337	330	336	335	352	359	365
10°	422	369	327	296	284	277	276	278	288	295	302
12.5°	432	357	295	259	246	238	231	231	233	242	245
15°	465	364	280	241	224	211	202	195	196	197	200
17.5°	513	382	275	230	212	196	187	179	177	177	176
20°	559	396	271	221	198	184	176	169	166	166	166
22.5°	578	408	266	210	184	171	164	159	158	158	157
25°	563	404	260	199	171	161	155	150	149	150	149
27.5°	516	390	252	190	161	152	147	142	141	142	142
30°	466	366	239	183	153	143	138	133	133	134	135
32.5°	426	342	224	174	144	135	130	125	125	127	127
35°	392	323	209	165	136	126	122	118	117	119	120
37.5°	365	306	193	156	128	119	115	110	109	111	113
40°	337	287	179	145	120	111	107	101	101	103	105
42.5°	310	270	170	135	112	102	98	93	93	95	97
45°	288	254	165	125	103	94	89	85	86	88	90
47.5°	267	237	166	120	97	85	80	77	79	82	84
50°	251	225	167	112	89	78	73	71	74	77	79
52.5°	241	213	161	102	83	71	68	68	71	73	75
55°	231	193	148	91	77	66	64	64	67	69	70
57.5°	223	172	133	82	70	61	61	61	62	63	65
60°	208	150	114	75	63	57	56	56	55	56	59
62.5°	182	126	97	67	57	52	51	48	45	46	48
65°	*154*	*100*	*81*	*58*	*49*	*46*	*45*	*40*	*36*	*37*	*40*
67.5°	123	75	68	50	42	39	39	36	33	33	35
70°	96	63	51	40	33	33	35	32	28	28	31
72.5°	78	51	41	31	26	28	29	26	23	23	25
75°	61	40	32	23	20	21	23	21	18	19	20
77.5°	42	27	21	17	15	16	16	15	14	14	15
80°	28	18	14	12	11	11	10	10	11	11	12
82.5°	20	13	11	9	7	7	8	8	9	9	10
85°	12	9	8	6	5	6	6	7	8	8	9
87.5°	9	7	6	5	4	4	5	5	6	7	7
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: P1365271
CATALOG NUMBER: GSS-SB1A-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	563	563	563	563	563	563	563	563	563	563
2.5°	505	517	534	549	567	585	602	618	619	620
5°	450	474	502	536	572	607	644	674	681	685
7.5°	389	424	467	515	569	623	675	720	737	741
10°	325	368	420	482	555	627	697	752	772	776
12.5°	268	303	363	438	526	621	705	766	786	791
15°	219	252	308	387	486	600	699	769	789	793
17.5°	181	202	253	339	450	573	691	771	790	793
20°	166	170	197	281	412	553	686	774	793	796
22.5°	159	159	165	214	359	532	684	783	797	800
25°	152	152	154	168	296	506	688	799	808	808
27.5°	145	145	147	150	220	463	689	817	821	818
30°	138	140	140	142	162	409	683	837	837	831
32.5°	131	132	134	135	141	339	673	862	857	849
35°	125	126	126	128	134	271	662	896	882	873
37.5°	117	118	119	121	127	215	646	925	915	903
40°	110	111	112	114	120	185	626	969	967	953
42.5°	102	104	105	106	114	169	612	1040	1040	1023
45°	95	97	97	99	110	155	643	1138	1146	1130
47.5°	89	90	90	91	104	143	726	1288	1278	1267
50°	83	85	83	84	99	150	863	1480	1506	1487
52.5°	79	80	76	76	92	159	975	1725	1812	1789
55°	74	75	70	70	81	138	982	2004	2195	2210
57.5°	69	69	65	64	70	112	871	2220	2653	2687
60°	63	62	60	58	64	103	664	2191	2880	2998
62.5°	54	56	55	51	58	96	433	1896	2624	2728
65°	*45*	*48*	*48*	*45*	*64*	*84*	*228*	*1518*	*2190*	*2315*
67.5°	40	42	41	39	57	53	110	1164	1875	1995
70°	35	37	34	32	46	38	65	779	1548	1665
72.5°	29	31	28	25	34	29	43	507	1289	1419
75°	24	25	23	20	25	23	30	331	1078	1174
77.5°	17	19	18	15	18	16	21	189	752	824
80°	13	13	13	12	11	11	14	85	365	406
82.5°	11	11	10	9	8	7	8	25	172	182
85°	10	8	7	6	5	3	3	7	35	29
87.5°	6	5	4	2	1	1	0	1	1	1
90°	0	0	0	0	0	0	0	0	0	0

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

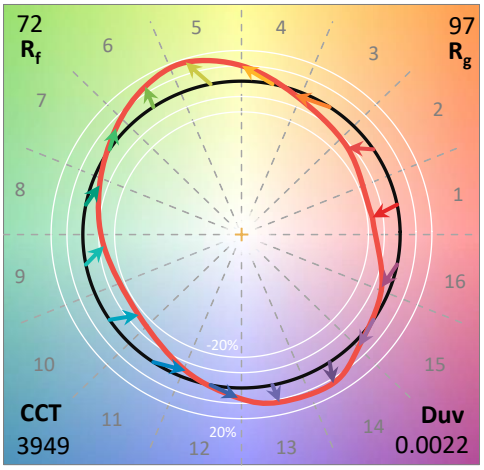
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

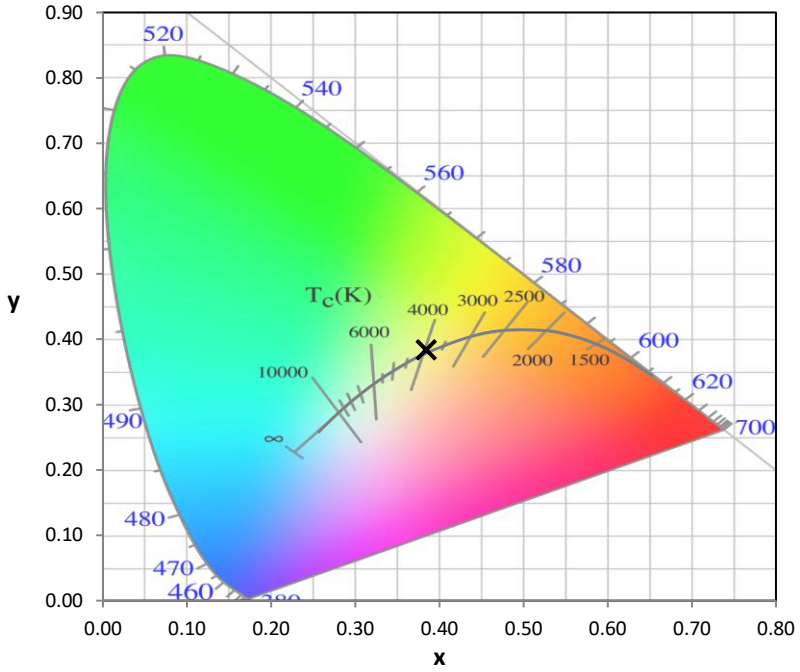
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

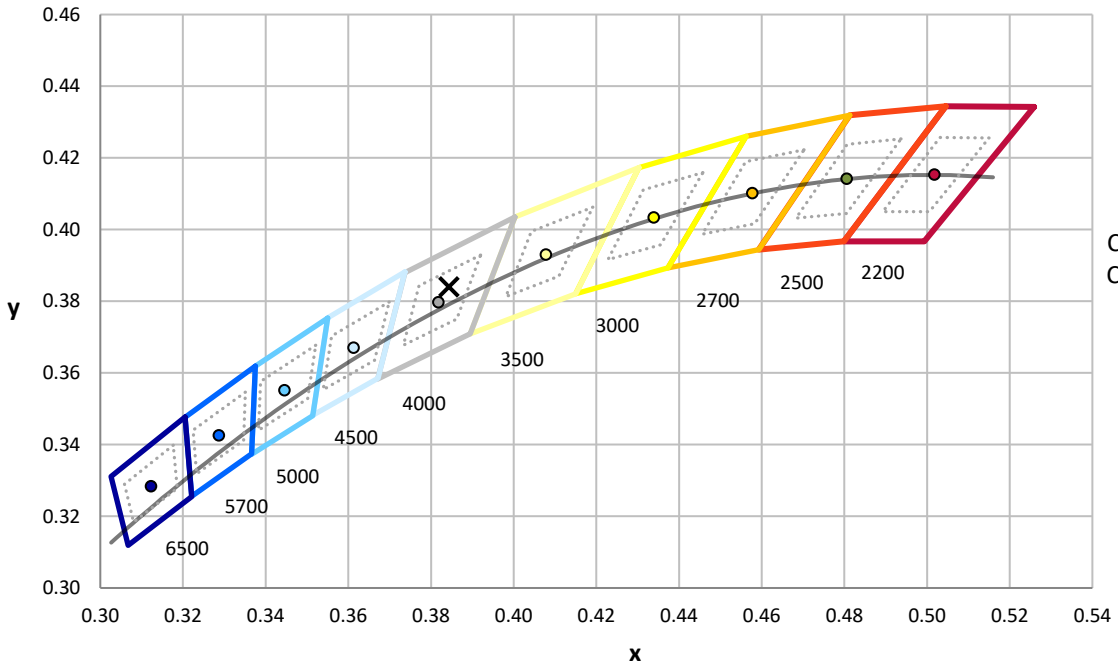
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

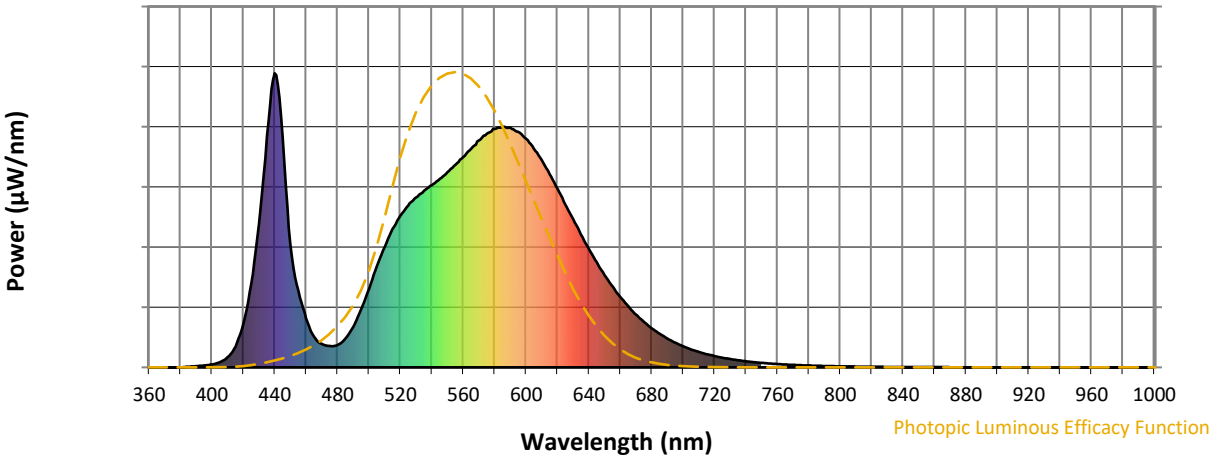


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

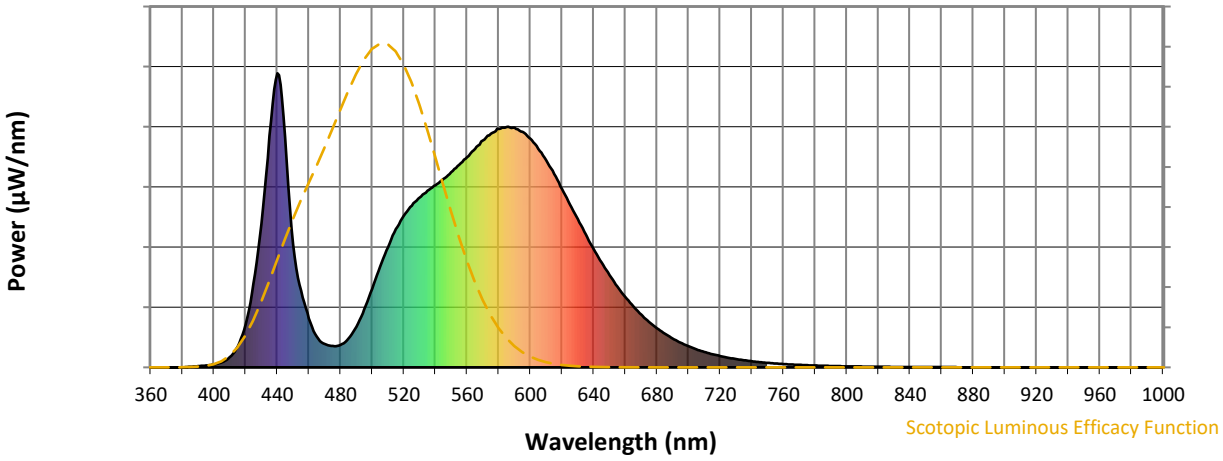


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

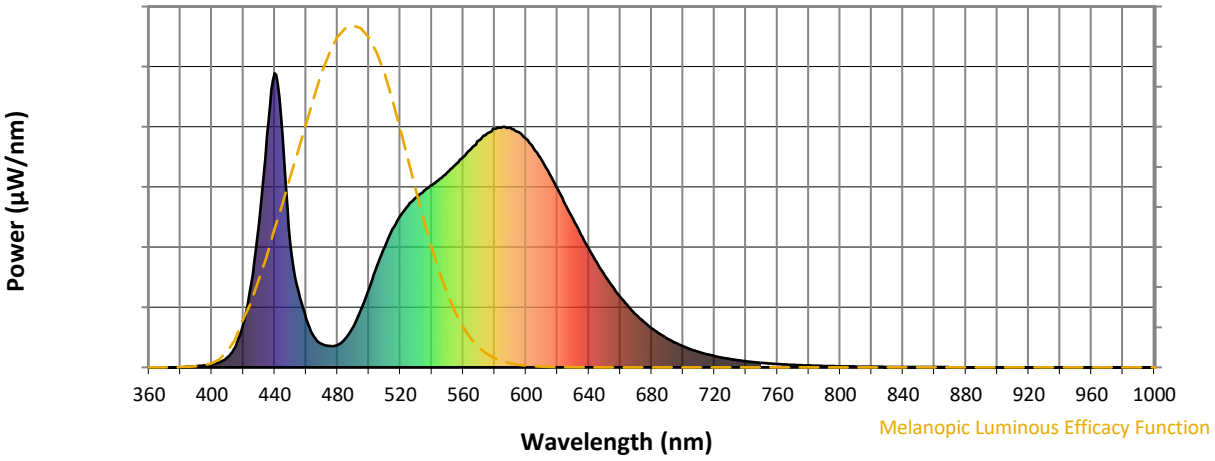


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

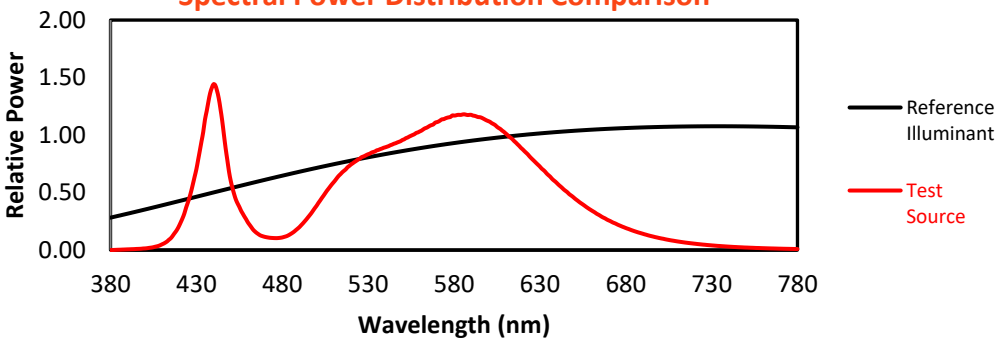
REPORT NUMBER: SP1-2407-184-1

TM-30-18

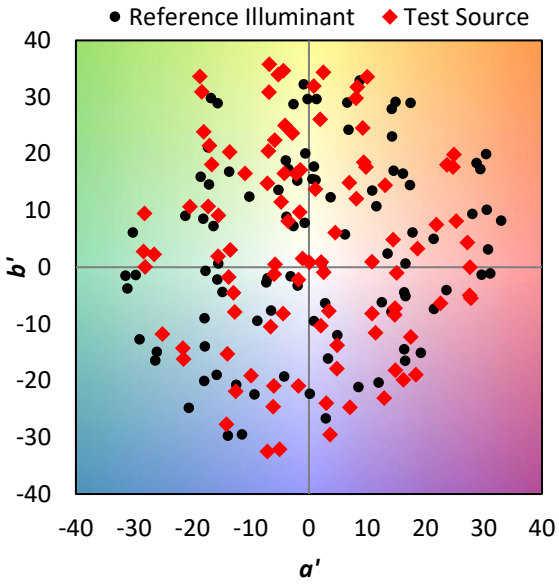
Summary

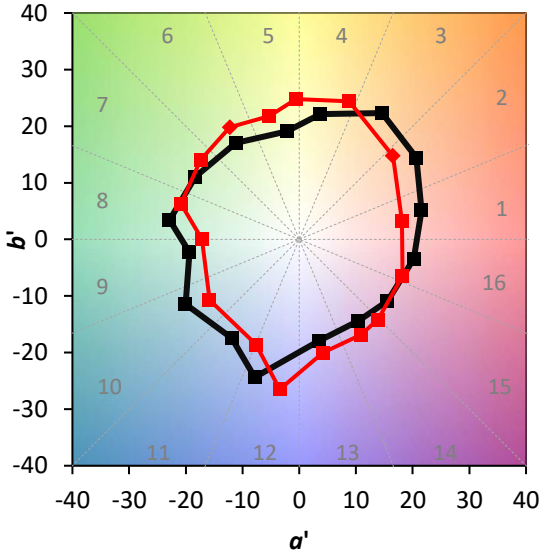
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

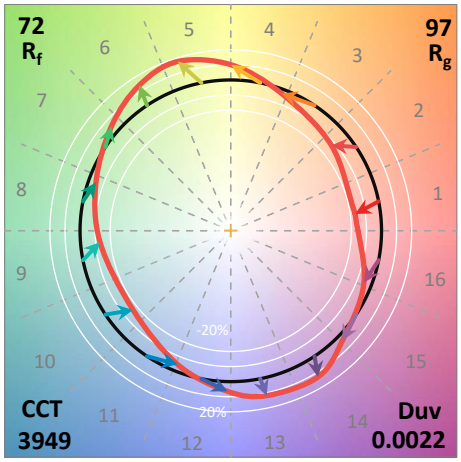
Spectral Power Distribution Comparison

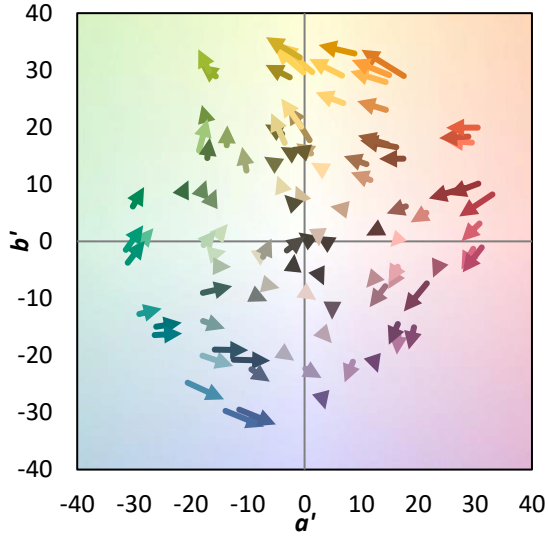


Color Vector Graphics







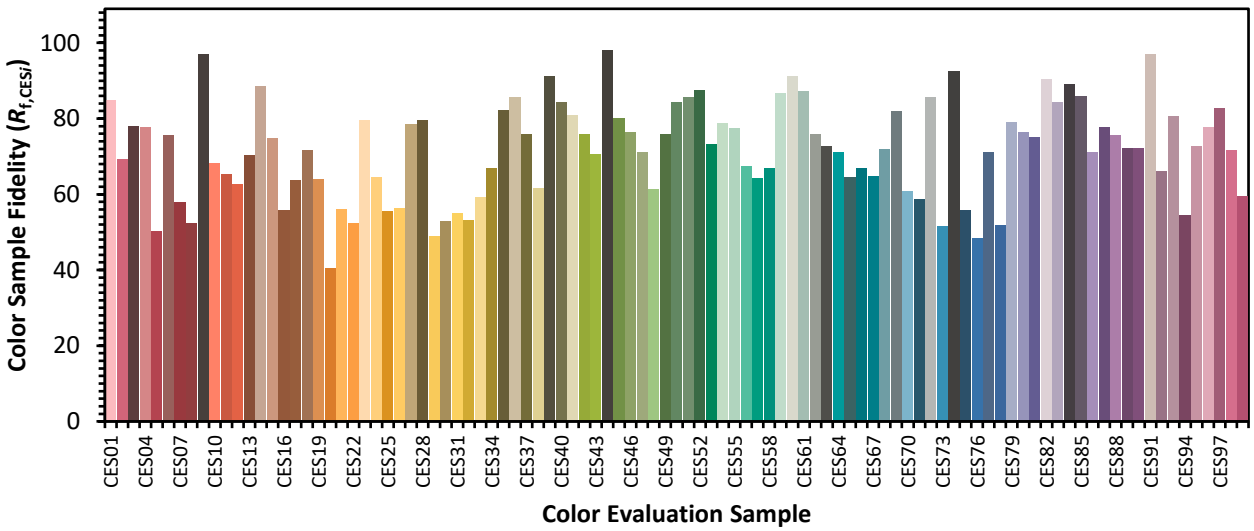


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

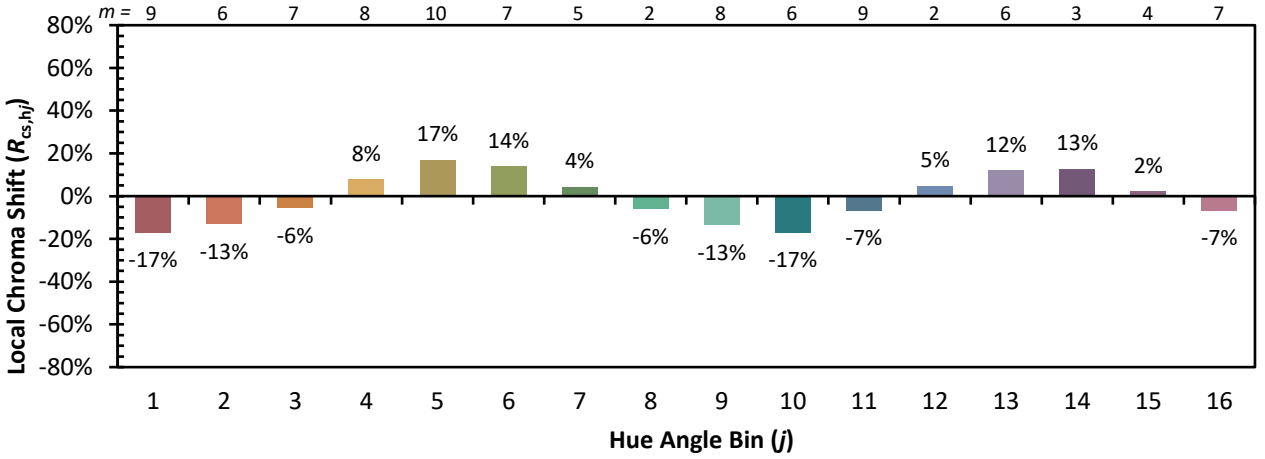
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

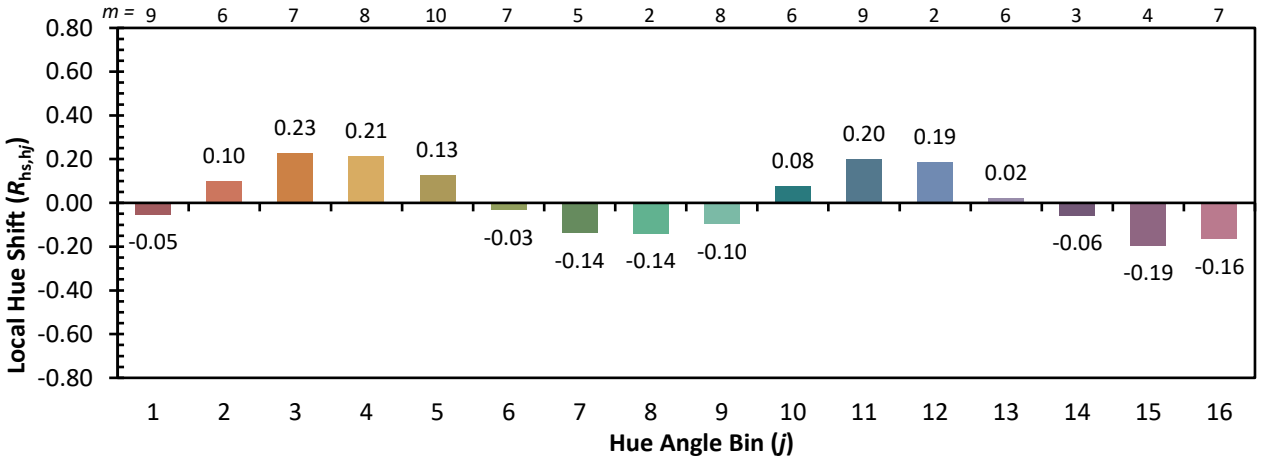


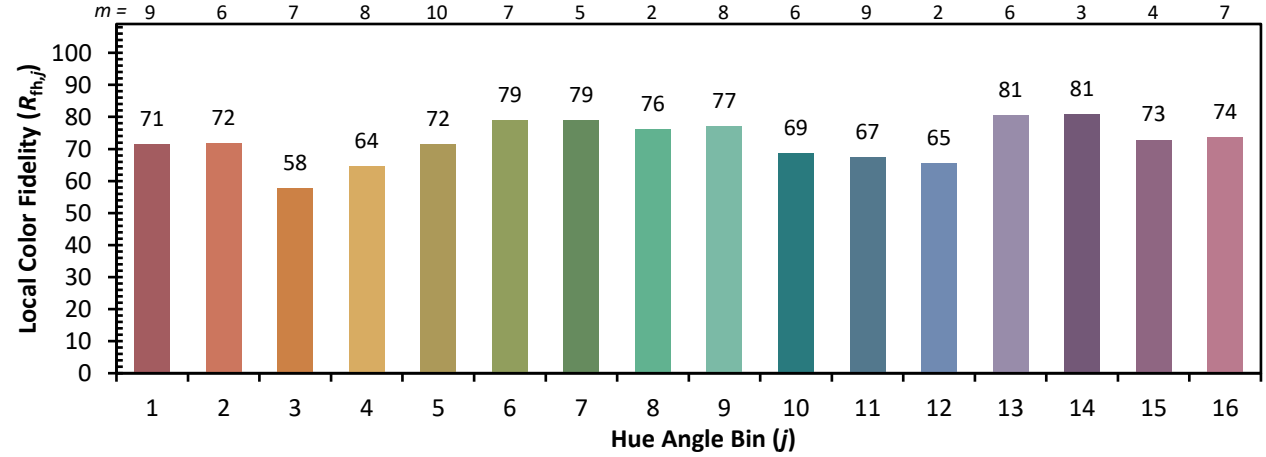
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



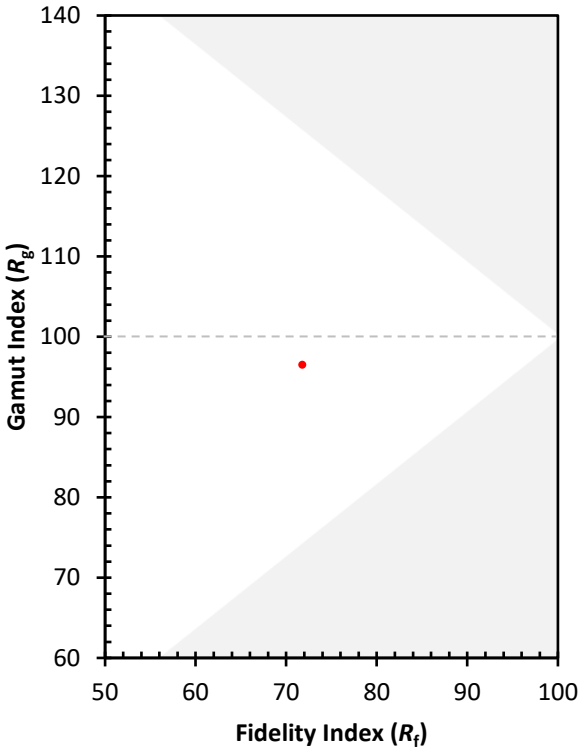


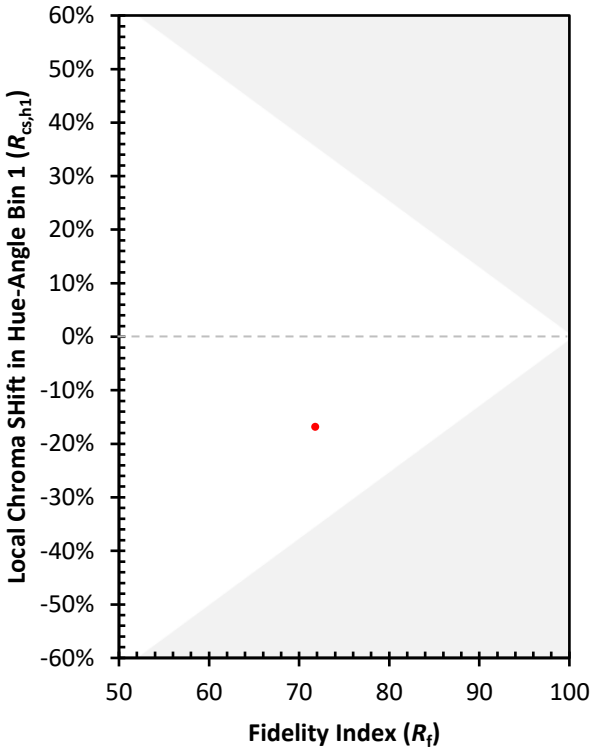


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)