

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: McGRAW-EDISON

Report Number: P991174

Luminaire Tested: **GPC-SA2B-730-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991174
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2B-730-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 800mA 2xLight Square PACKAGE 70CRI
3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7836 lumens
Efficiency: N/A
Efficacy: 108.5 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

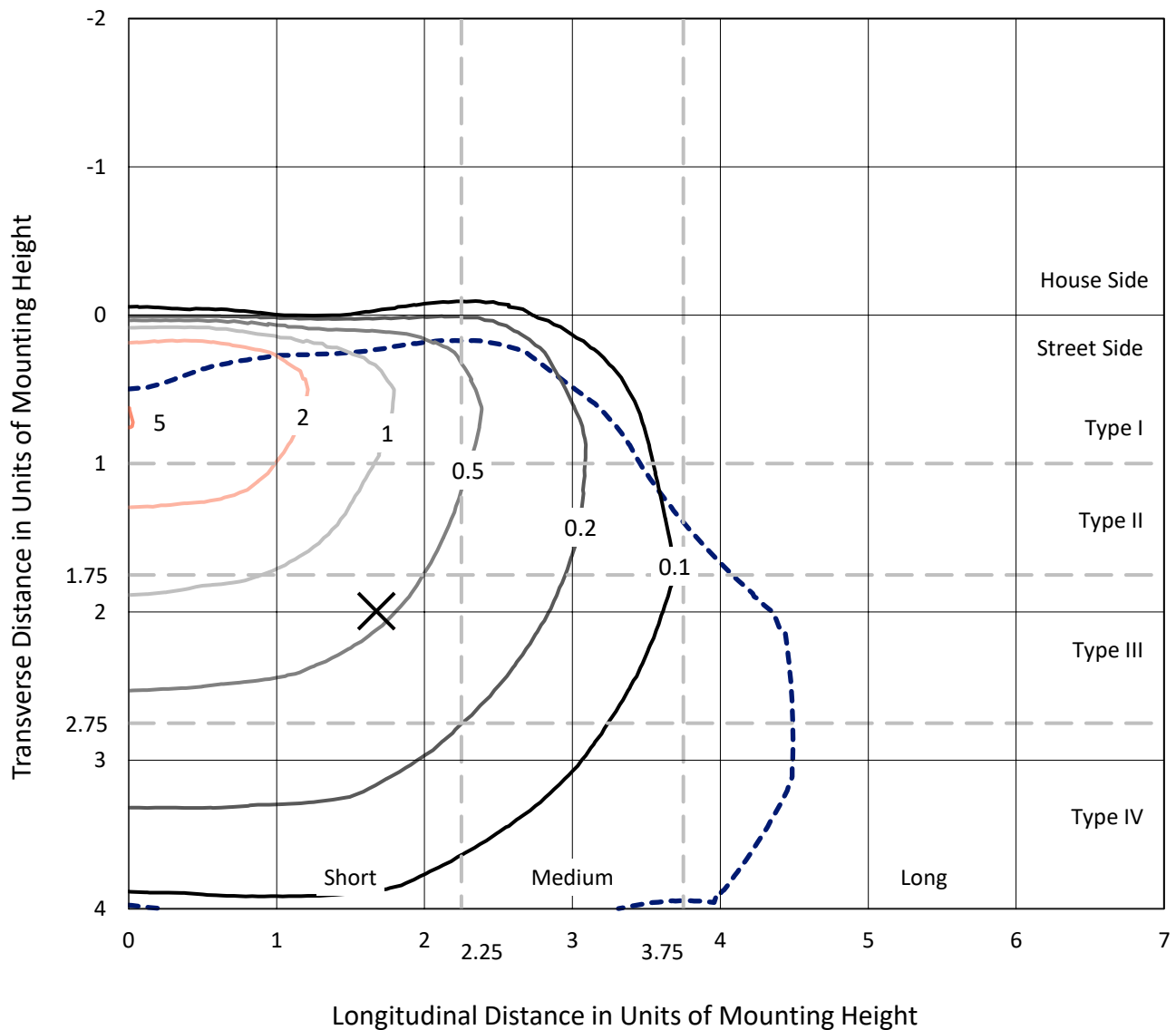


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Iso-Footcandle Lines of Horizontal Illumination

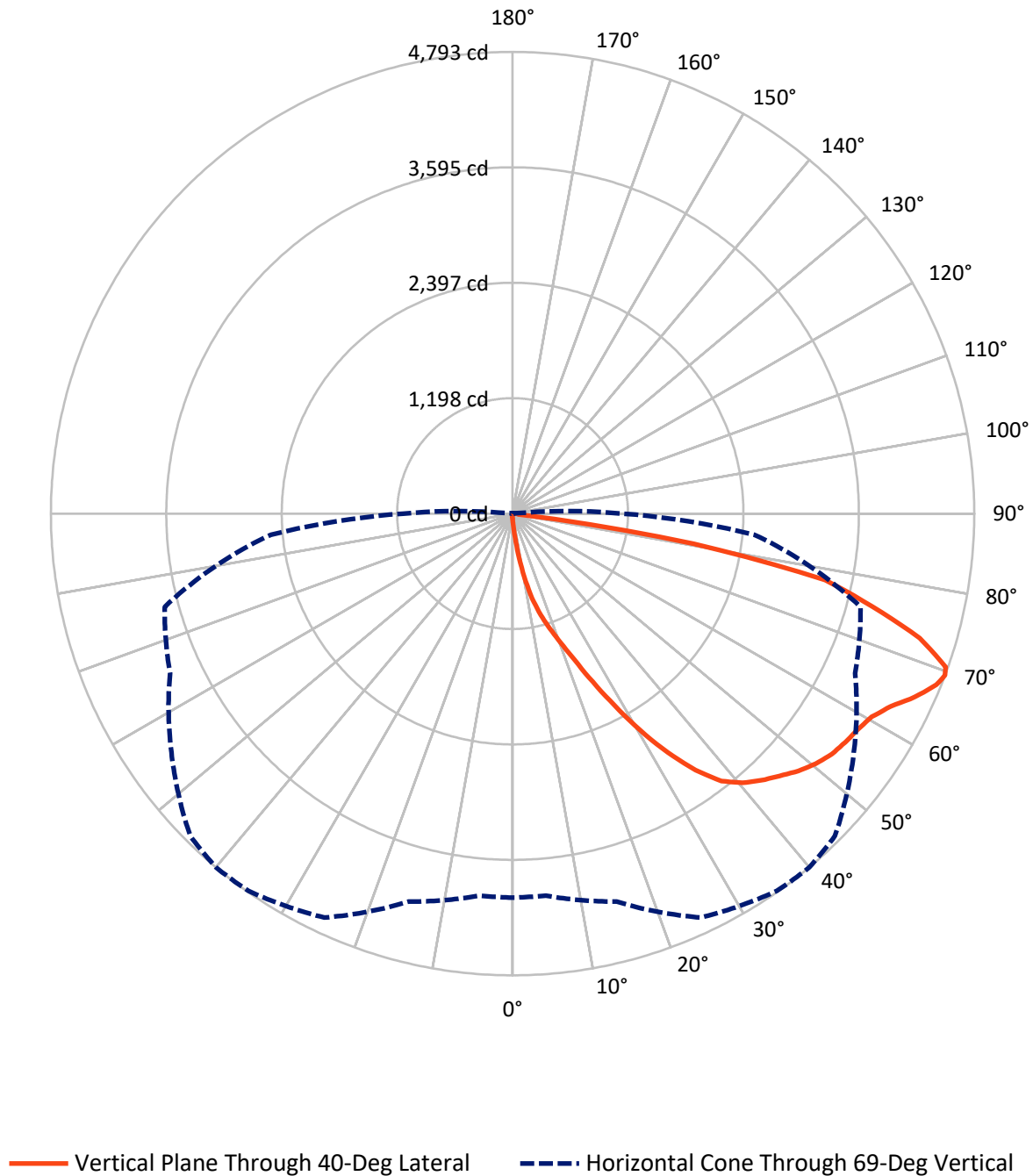
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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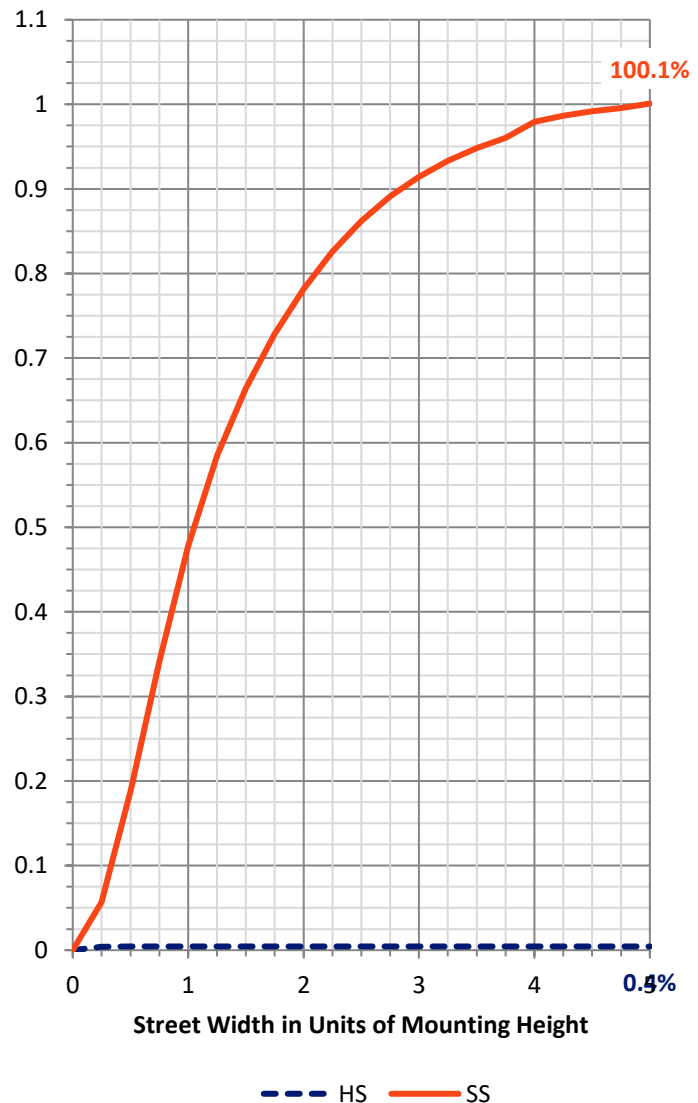
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	34.3	0.0	34.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7801.6	0.0	7801.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	7836.0	0.0	7836.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	0.2
10°-20°	125.2	1.6
20°-30°	376.9	4.8
30°-40°	829.9	10.6
40°-50°	1275.3	16.3
50°-60°	1570.4	20.0
60°-70°	1982.6	25.3
70°-80°	1525.0	19.5
80°-90°	134.0	1.7
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°	7836.0	100.0
0°-180°	7836.0	100.0



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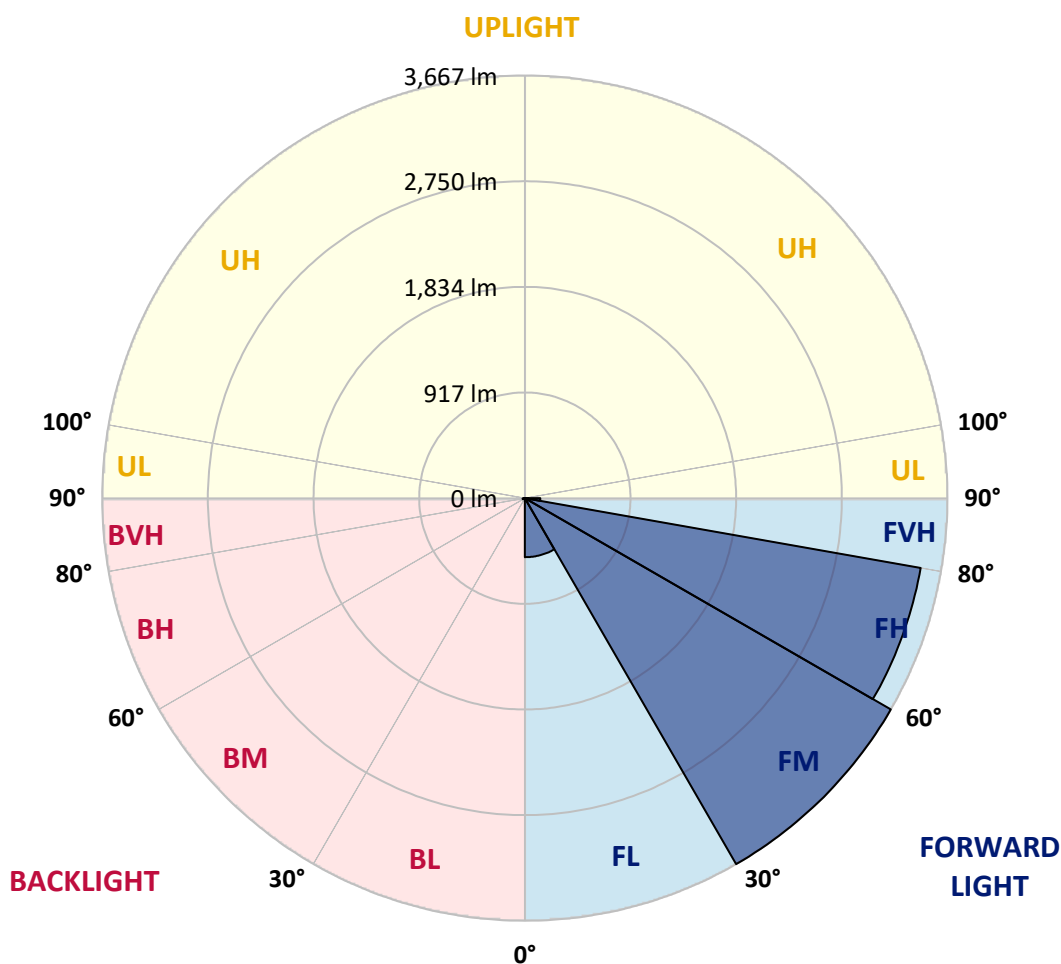
CATALOG NUMBER: GPC-SA2B-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	512.8	6.5			
FM	(30°-60°)	3667.3	46.8			
FH	(60°-80°)	3488.0	44.5			G2/5000
FVH	(80°-90°)	133.6	1.7			G2/225
BL	(0°-30°)	5.8	0.1	B0/110		
BM	(30°-60°)	8.4	0.1	B0/220		
BH	(60°-80°)	19.7	0.3	B0/110		G0/110
BVH	(80°-90°)	0.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
2.5°	127.9	126.4	120.5	113.2	107.3	102.9	97.0	88.2	79.4	69.1	61.7
5°	335.1	333.6	310.1	280.7	241.0	214.6	188.1	145.5	110.2	85.2	64.7
7.5°	620.3	615.8	593.8	548.2	464.5	418.9	370.4	260.2	169.0	105.8	69.1
10°	902.5	899.5	871.6	805.4	714.3	668.8	604.1	443.9	266.0	138.2	75.0
12.5°	1068.5	1075.9	1055.3	1024.4	946.5	903.9	830.4	645.2	408.6	189.6	82.3
15°	1205.2	1208.2	1189.1	1170.0	1127.3	1092.1	1030.3	859.8	579.1	258.7	91.1
17.5°	1374.3	1369.8	1349.3	1327.2	1280.2	1253.7	1214.0	1058.3	761.4	357.2	102.9
20°	1588.8	1577.1	1553.6	1515.4	1463.9	1431.6	1390.4	1261.1	943.6	465.9	117.6
22.5°	1863.7	1849.0	1824.0	1788.7	1697.6	1647.6	1594.7	1434.5	1145.0	604.1	136.7
25°	2181.2	2173.8	2147.4	2097.4	2000.4	1934.2	1849.0	1637.3	1344.9	751.1	160.2
27.5°	2554.5	2541.3	2506.0	2447.2	2342.8	2256.1	2150.3	1860.8	1535.9	906.9	189.6
30°	2971.9	2942.5	2870.5	2819.1	2697.1	2611.8	2488.4	2157.7	1732.9	1070.0	220.5
32.5°	3359.9	3321.7	3217.4	3146.8	3033.7	2957.2	2844.0	2457.5	1954.8	1240.5	260.2
35°	3711.2	3670.1	3501.0	3393.8	3336.4	3271.8	3157.1	2800.0	2194.4	1422.8	305.7
37.5°	4008.1	3967.0	3749.4	3580.4	3545.1	3523.1	3430.5	3089.5	2466.3	1628.5	358.6
40°	4174.2	4147.8	3959.6	3768.5	3700.9	3674.5	3606.9	3332.0	2769.1	1834.3	420.4
42.5°	4225.7	4209.5	4056.6	3962.6	3839.1	3786.2	3705.3	3517.2	3029.2	2065.1	490.9
45°	4197.7	4180.1	4068.4	4090.4	3987.5	3884.7	3774.4	3643.6	3248.2	2337.0	579.1
47.5°	4078.7	4072.8	3996.4	4121.3	4109.5	3992.0	3855.3	3727.4	3436.4	2600.1	689.3
50°	3787.7	3784.7	3820.0	4078.7	4190.4	4080.1	3943.5	3802.4	3586.3	2863.2	830.4
52.5°	3395.2	3415.8	3593.6	3999.3	4213.9	4149.2	4031.6	3887.6	3709.8	3126.2	1020.0
55°	3188.0	3205.6	3439.3	3912.6	4209.5	4190.4	4121.3	3969.9	3822.9	3342.3	1272.8
57.5°	3345.2	3326.1	3433.4	3900.8	4190.4	4225.7	4186.0	4034.6	3925.8	3533.4	1622.7
60°	3643.6	3637.7	3651.0	3984.6	4230.1	4283.0	4255.1	4078.7	4027.2	3678.9	2007.7
62.5°	3944.9	3928.8	3942.0	4215.4	4368.2	4405.0	4371.2	4150.7	4106.6	3784.7	2425.2
65°	4094.8	4083.1	4144.8	4447.6	4565.2	4590.2	4546.1	4266.8	4119.8	3839.1	2688.3
67.5°	4075.7	4072.8	4216.8	4610.7	4729.8	4744.5	4707.7	4382.9	4064.0	3837.6	2716.2
69°	3986.1	3980.2	4169.8	4626.9	4782.7	4793.0	4732.7	4324.1	3922.9	3739.2	2517.8
70°	3880.3	3886.1	4100.7	4597.5	4784.2	4769.5	4629.8	4240.4	3815.6	3626.0	2265.0
72.5°	3486.3	3523.1	3817.1	4405.0	4582.8	4418.2	4235.9	3965.5	3611.3	3091.0	1581.5
75°	2916.1	2967.5	3346.7	4005.2	3940.5	3858.2	3836.2	3630.4	3271.8	2053.3	1124.4
77.5°	1425.7	1596.2	2375.2	3076.3	3233.5	3317.3	3286.5	3001.3	2629.5	1008.3	733.4
80°	75.0	77.9	124.9	294.0	1497.7	1904.9	2342.8	2291.4	1990.1	460.0	386.6
82.5°	39.7	39.7	44.1	51.4	60.3	72.0	191.1	1312.5	1183.2	236.6	144.0
85°	22.0	22.0	26.5	35.3	45.6	52.9	60.3	79.4	254.3	85.2	23.5
87.5°	10.3	13.2	17.6	25.0	32.3	41.2	47.0	58.8	75.0	72.0	4.4
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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CATALOG NUMBER: GPC-SA2B-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
2.5°	57.3	54.4	50.0	47.0	45.6	42.6	39.7	38.2	36.7	35.3	36.7
5°	57.3	52.9	45.6	41.2	38.2	33.8	30.9	29.4	27.9	26.5	26.5
7.5°	57.3	50.0	41.2	35.3	30.9	27.9	23.5	22.0	20.6	19.1	19.1
10°	58.8	47.0	36.7	30.9	26.5	22.0	19.1	16.2	14.7	14.7	14.7
12.5°	58.8	44.1	32.3	26.5	22.0	17.6	13.2	10.3	8.8	8.8	8.8
15°	58.8	41.2	29.4	22.0	17.6	13.2	7.3	4.4	2.9	2.9	1.5
17.5°	60.3	39.7	26.5	19.1	13.2	7.3	1.5	0.0	0.0	0.0	0.0
20°	63.2	38.2	23.5	16.2	8.8	2.9	0.0	0.0	0.0	0.0	0.0
22.5°	66.1	36.7	20.6	11.8	4.4	1.5	0.0	0.0	0.0	0.0	0.0
25°	72.0	36.7	19.1	10.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	77.9	36.7	14.7	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
30°	82.3	36.7	13.2	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	88.2	36.7	11.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	92.6	35.3	8.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	97.0	33.8	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	102.9	32.3	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	108.8	29.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	116.1	27.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	126.4	26.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	141.1	26.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	166.1	26.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	207.2	26.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	279.3	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	420.4	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	649.6	29.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	993.6	35.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1259.6	42.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	1137.6	39.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	964.2	30.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	536.5	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	279.3	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	119.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	35.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.8	2.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.4	2.9	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	1.5	1.5	1.5	1.5	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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

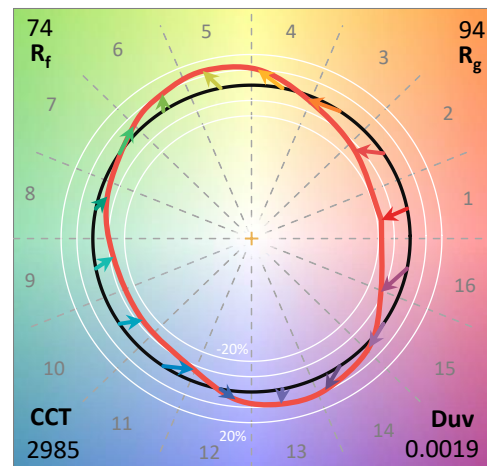
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

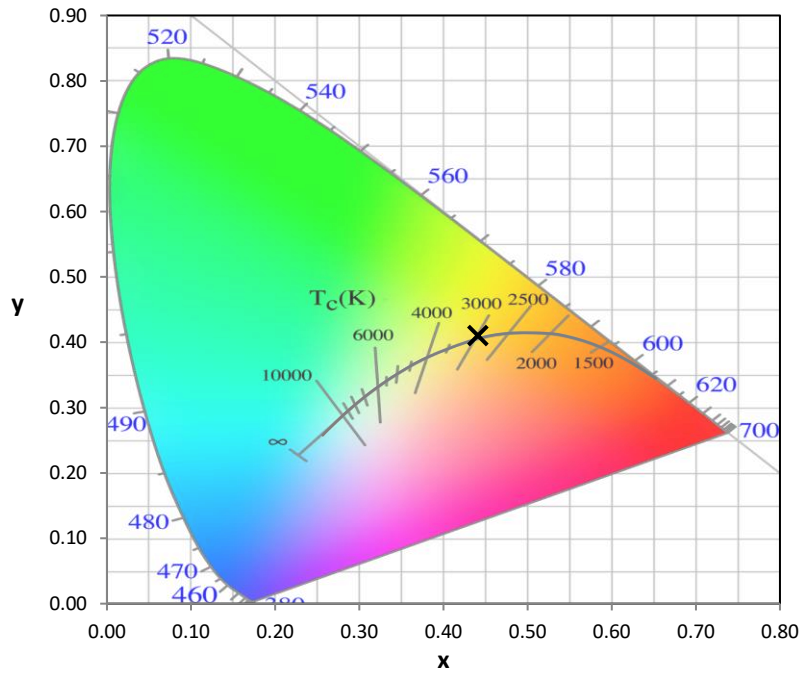
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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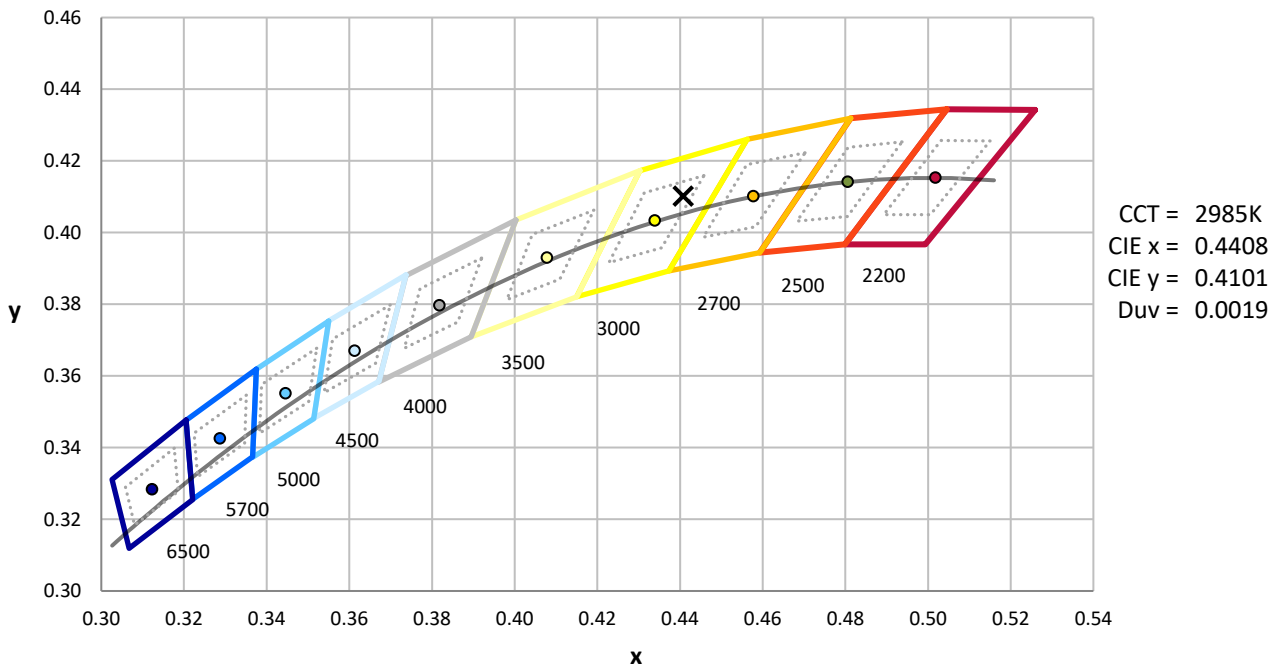
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



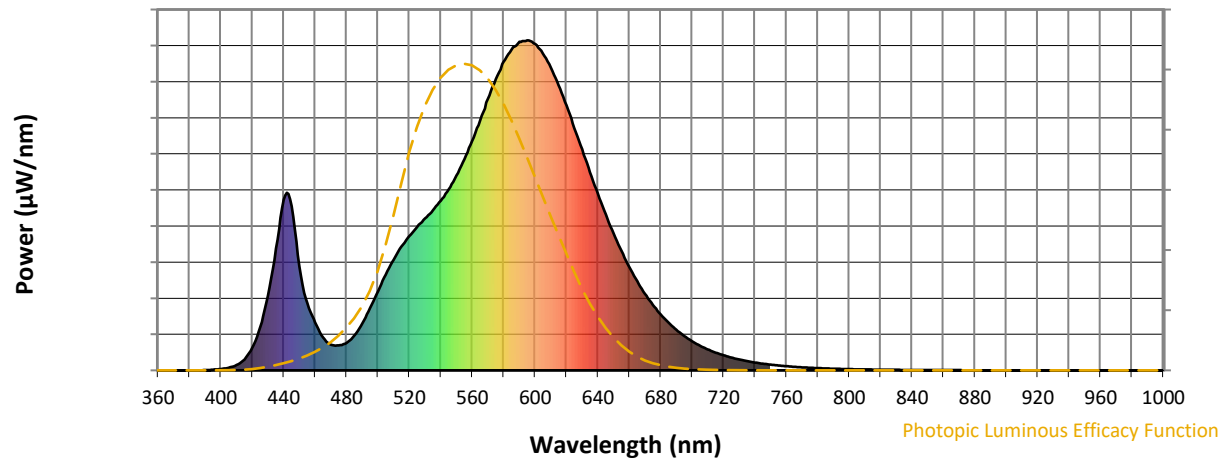
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

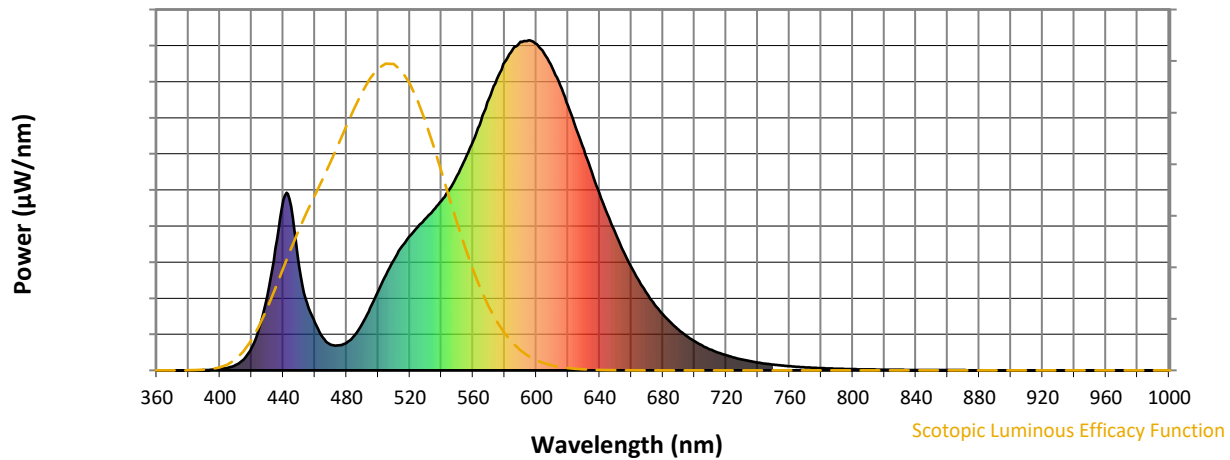


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



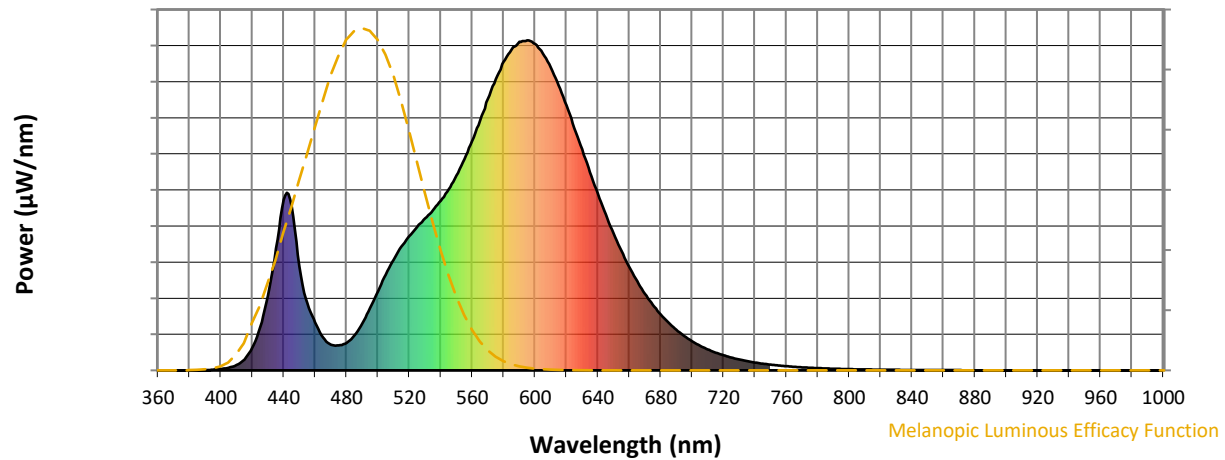
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

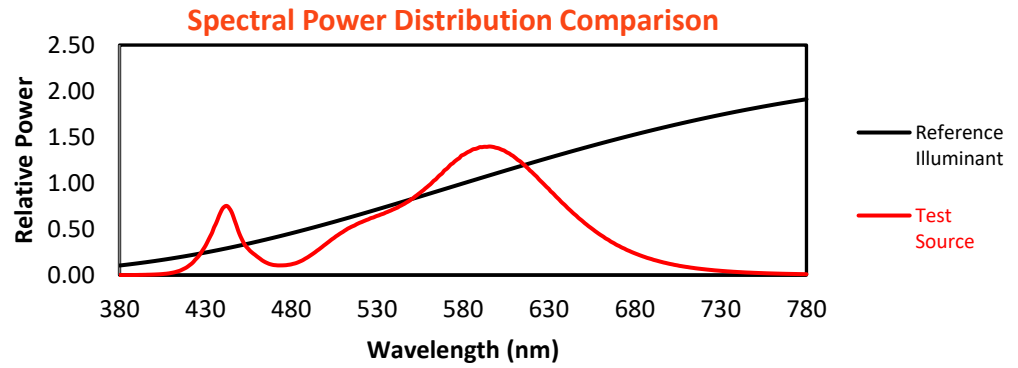
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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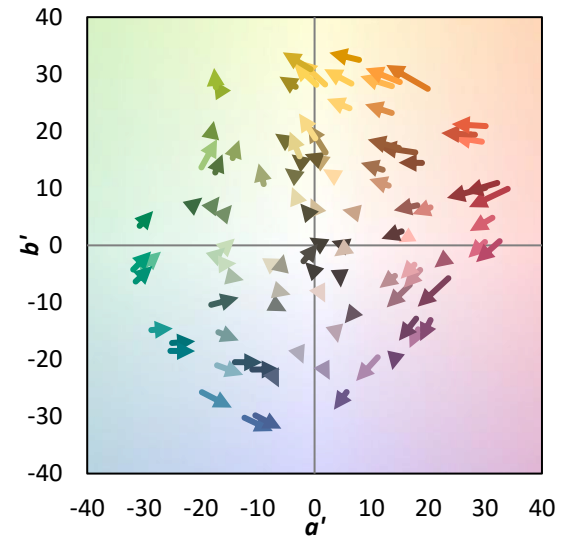
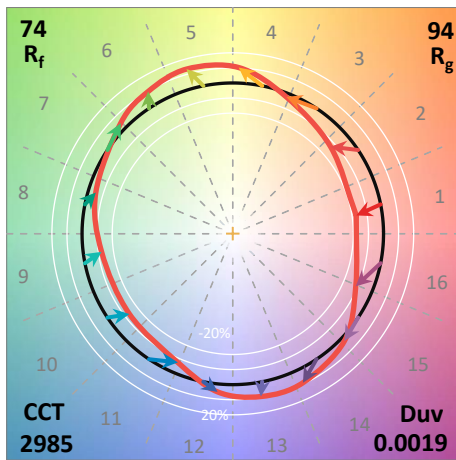
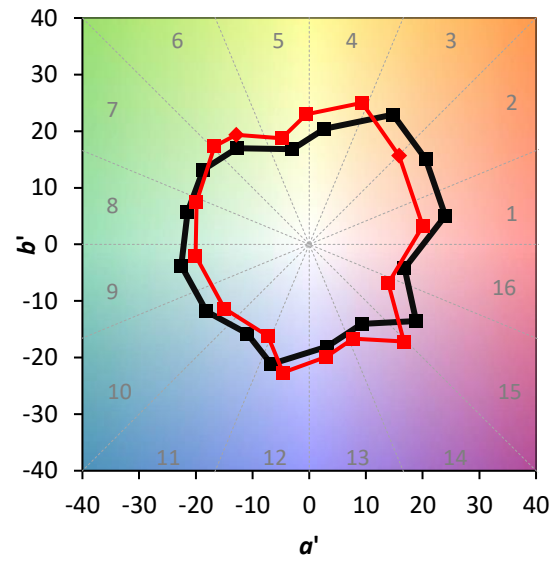
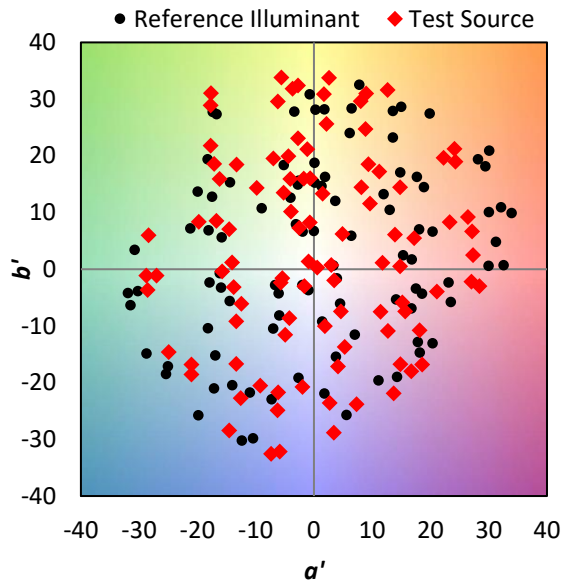
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE R_a = 70.8$
 $R_g = -43.2$

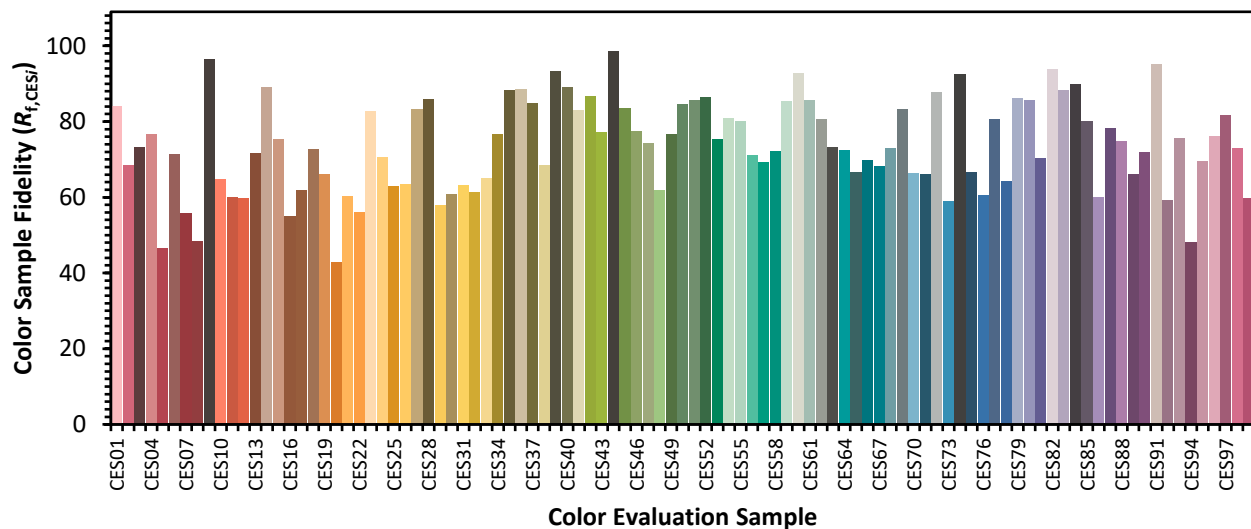


Color Vector Graphics

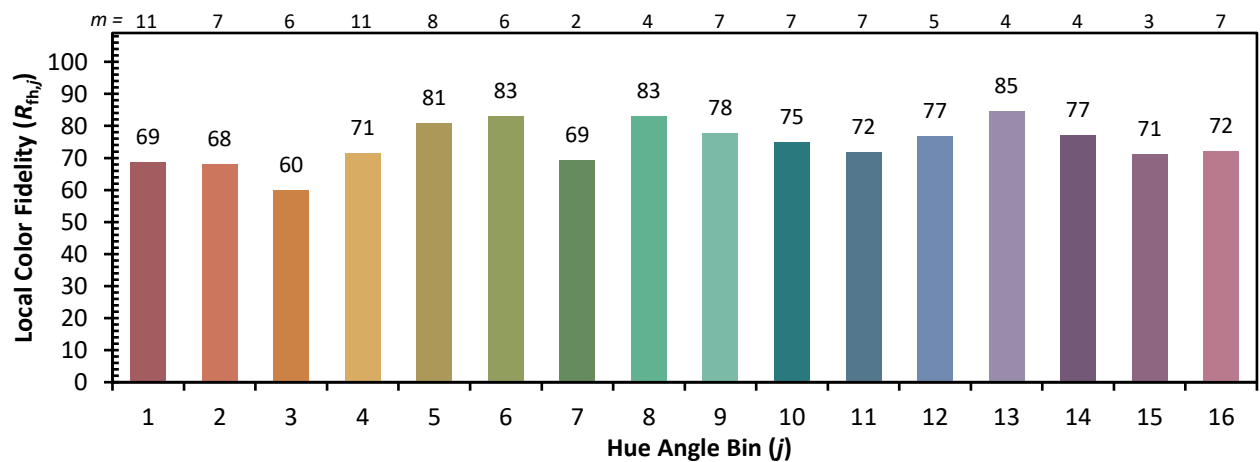
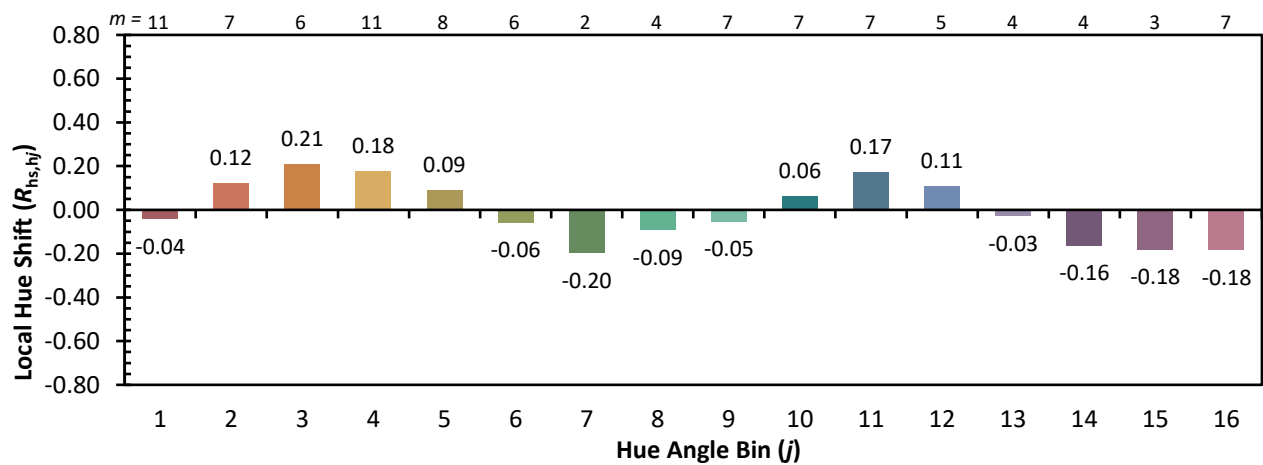
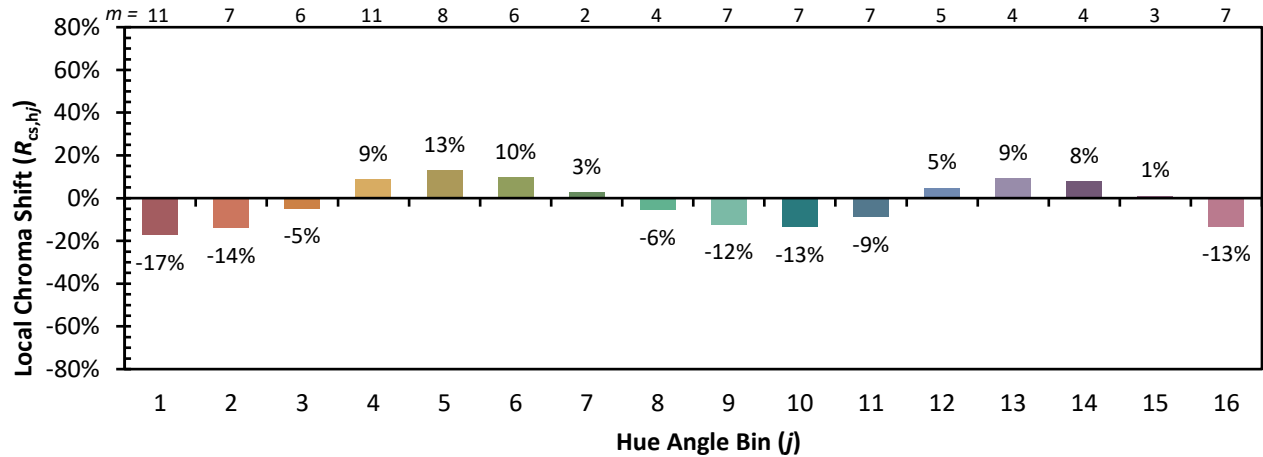


Individual Sample Fidelity Index ($R_{f,i}$)

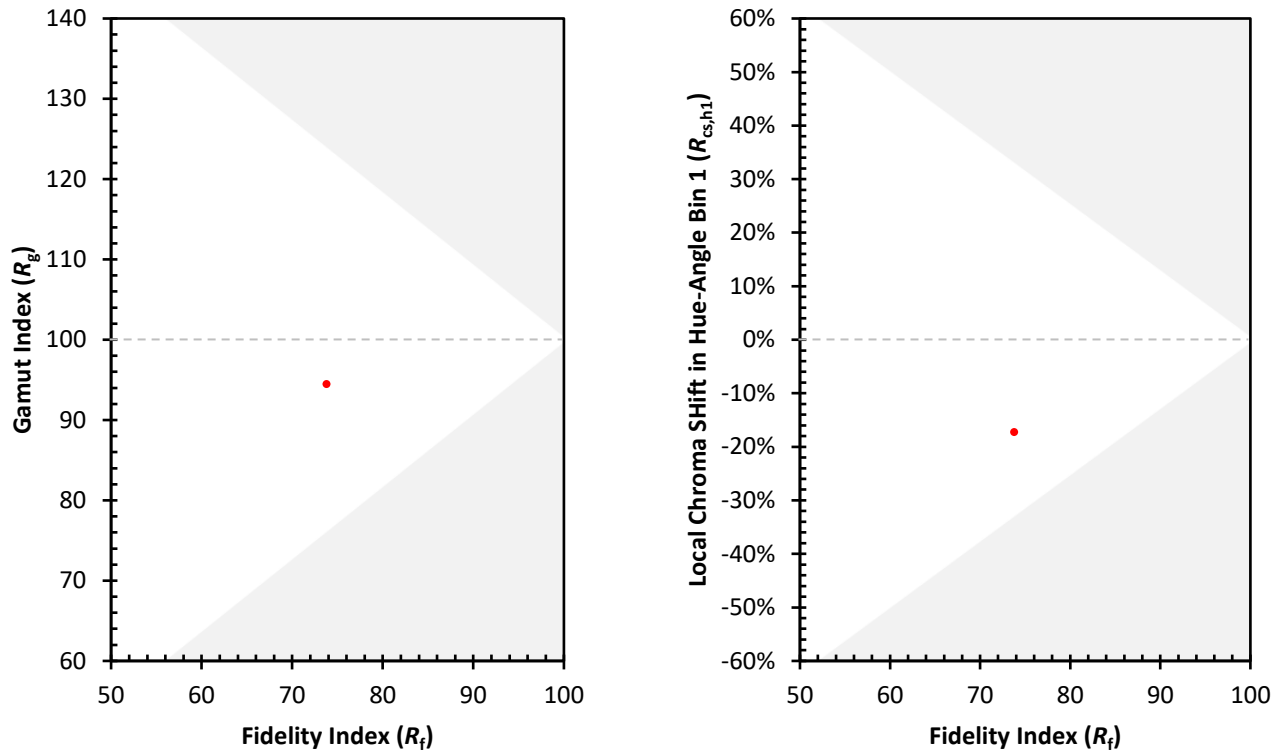
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)