

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: P991164

Luminaire Tested: **GPC-SA2D-727-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991164
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2D-727-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 2xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10031.8 lumens
Efficiency: N/A
Efficacy: 92.7 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): 108.2
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

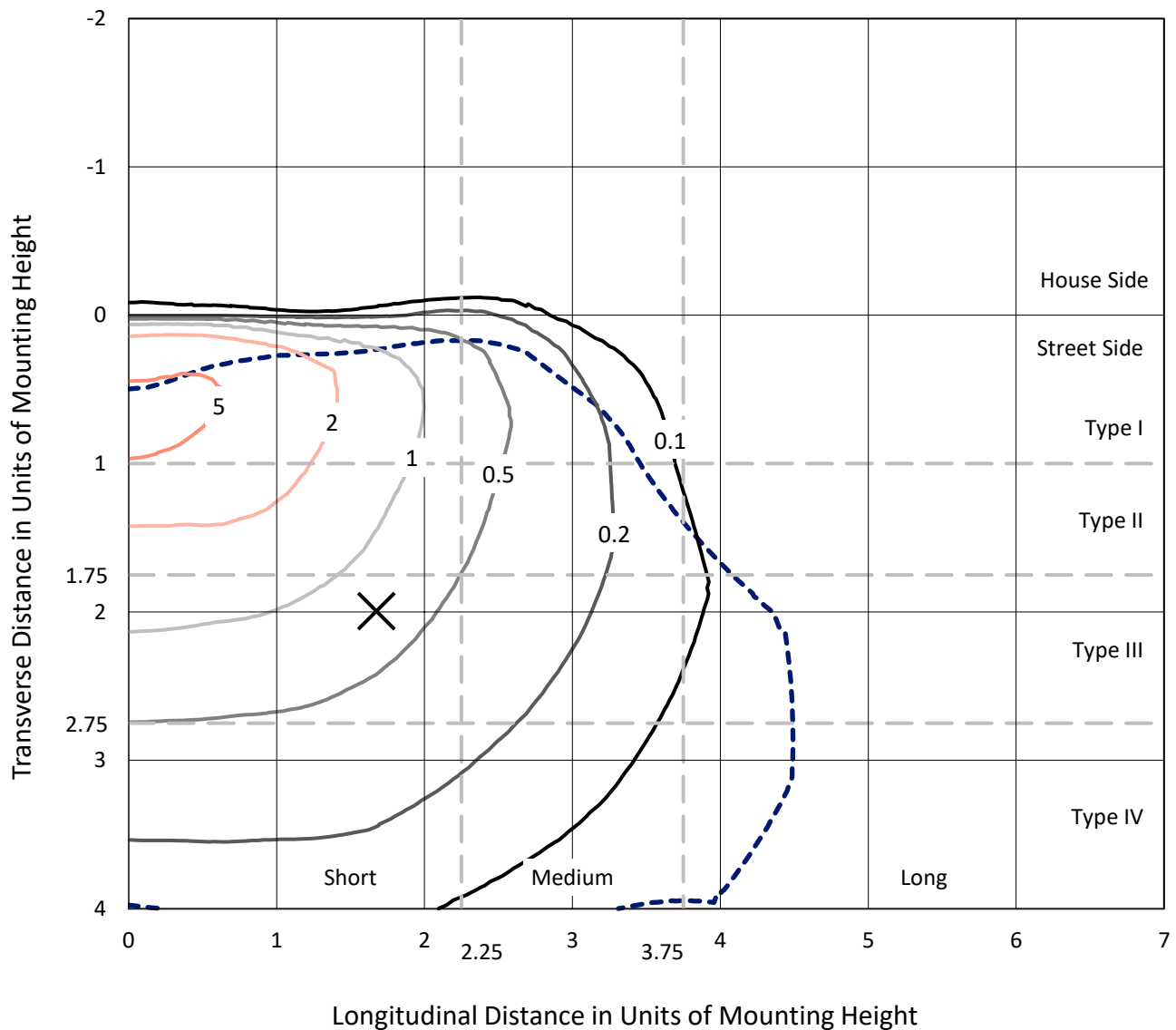


REPORT NUMBER: P991164

CATALOG NUMBER: GPC-SA2D-727-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

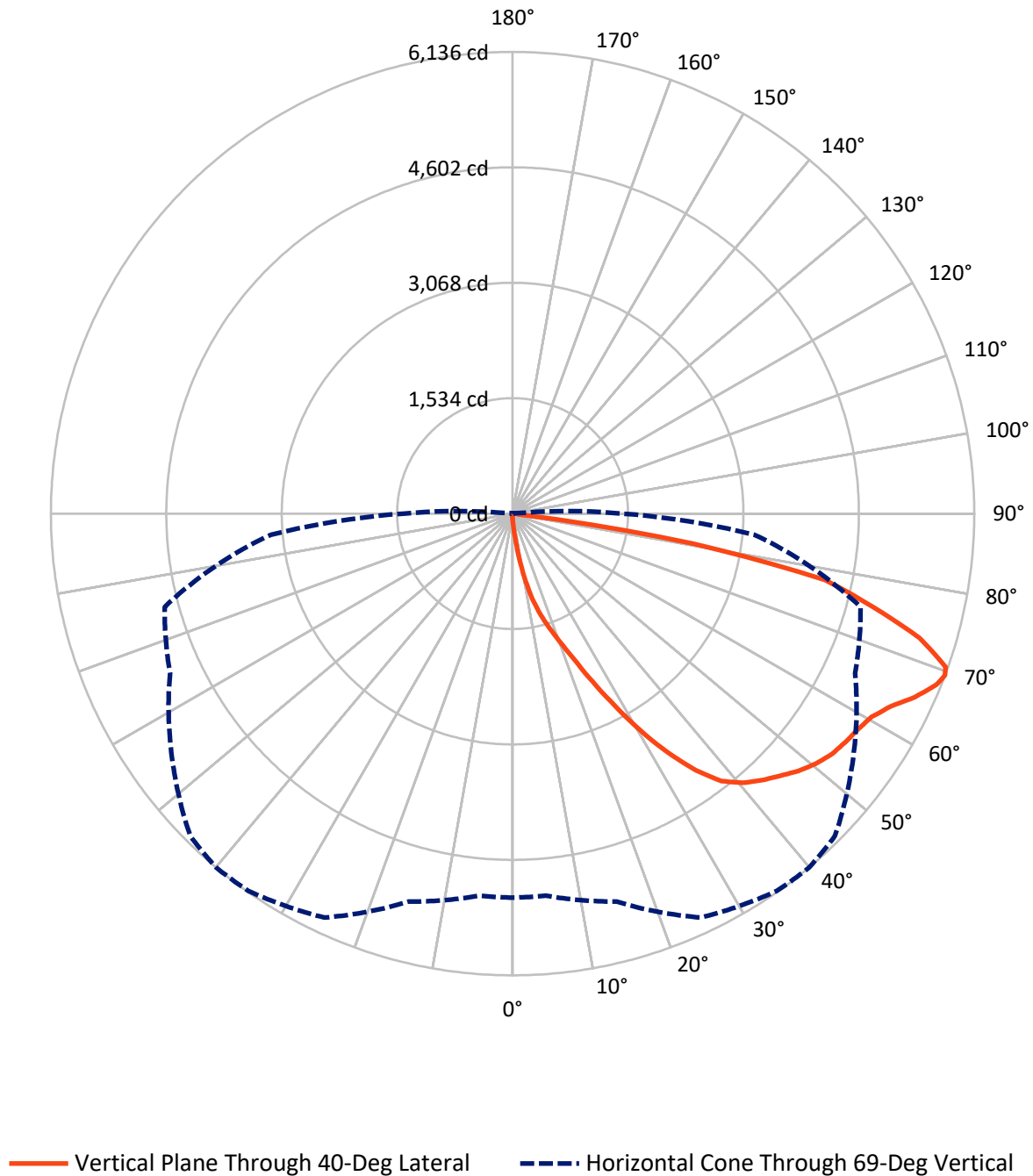
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P991164
CATALOG NUMBER: GPC-SA2D-727-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P991164

CATALOG NUMBER: GPC-SA2D-727-U-T4BC

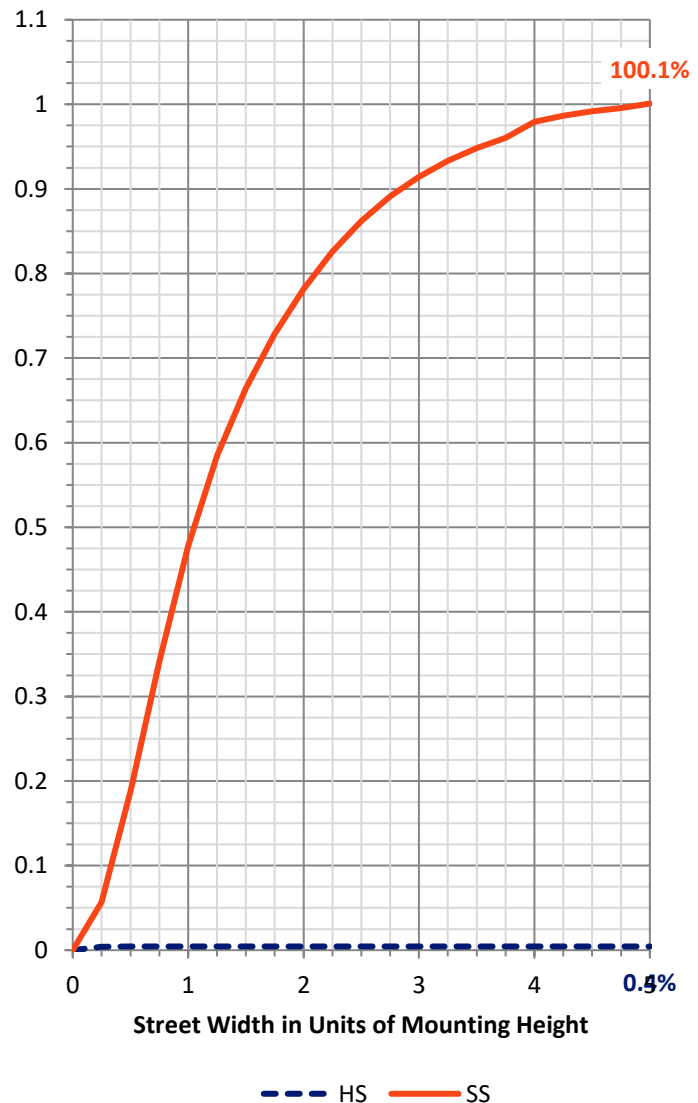
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	44.0	0.0	44.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9987.9	0.0	9987.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	10031.8	0.0	10031.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.1	0.2
10°-20°	160.3	1.6
20°-30°	482.5	4.8
30°-40°	1062.5	10.6
40°-50°	1632.7	16.3
50°-60°	2010.5	20.0
60°-70°	2538.2	25.3
70°-80°	1952.4	19.5
80°-90°	171.6	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°	10031.8	100.0
0°-180°	10031.8	100.0

Coefficient of Utilization



REPORT NUMBER: P991164

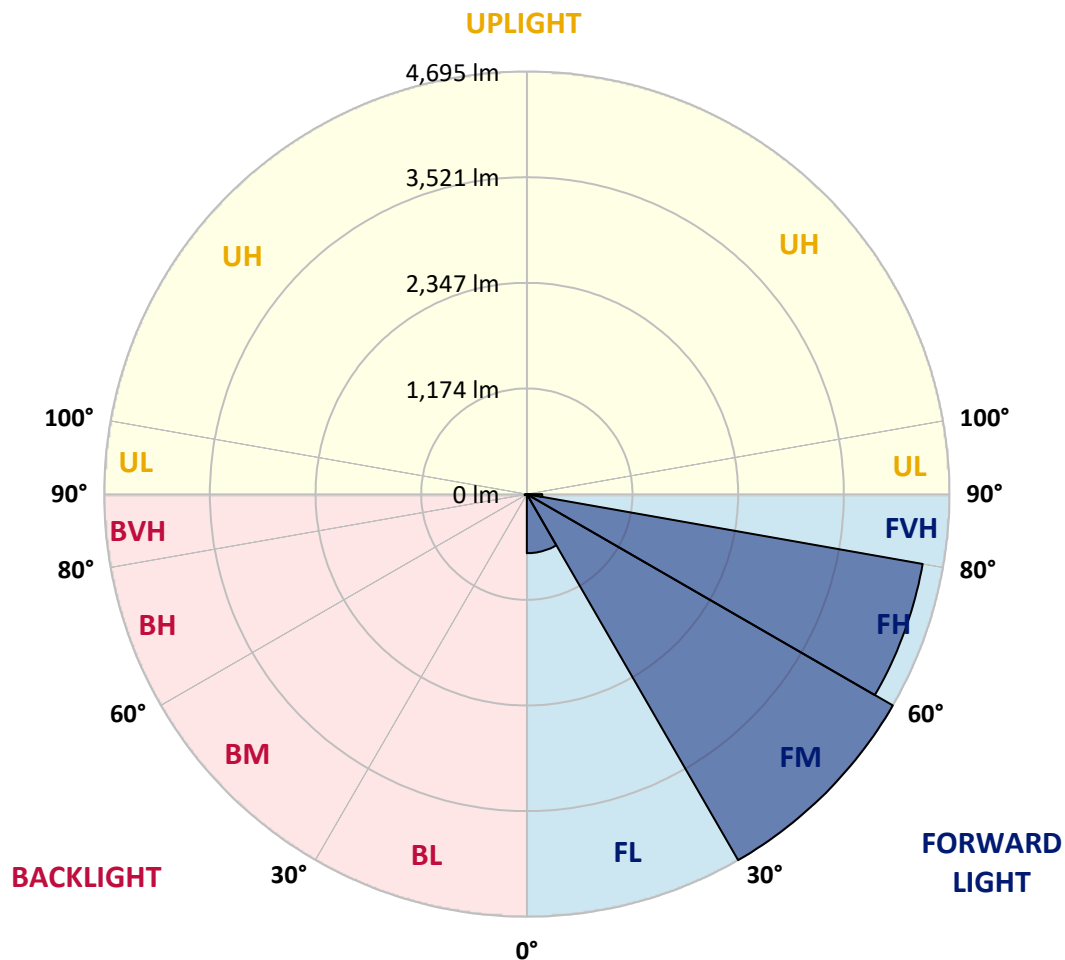
CATALOG NUMBER: GPC-SA2D-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	656.4	6.5			
FM	(30°-60°)	4695.0	46.8			
FH	(60°-80°)	4465.4	44.5			G2/5000
FVH	(80°-90°)	171.1	1.7			G2/225
BL	(0°-30°)	7.5	0.1	B0/110		
BM	(30°-60°)	10.8	0.1	B0/220		
BH	(60°-80°)	25.2	0.3	B0/110		G0/110
BVH	(80°-90°)	0.5	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



REPORT NUMBER: P991164

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
2.5°	163.7	161.8	154.3	144.9	137.4	131.7	124.2	112.9	101.6	88.4	79.0
5°	429.0	427.1	397.0	359.4	308.6	274.7	240.9	186.3	141.1	109.1	82.8
7.5°	794.1	788.4	760.2	701.9	594.6	536.3	474.2	333.1	216.4	135.5	88.4
10°	1155.3	1151.6	1115.8	1031.2	914.5	856.2	773.4	568.3	340.6	176.9	96.0
12.5°	1368.0	1377.4	1351.0	1311.5	1211.8	1157.2	1063.1	826.1	523.1	242.7	105.4
15°	1543.0	1546.7	1522.3	1497.8	1443.2	1398.1	1319.1	1100.8	741.4	331.2	116.7
17.5°	1759.4	1753.7	1727.4	1699.2	1638.9	1605.1	1554.3	1354.8	974.7	457.2	131.7
20°	2034.1	2019.0	1988.9	1940.0	1874.1	1832.8	1780.1	1614.5	1208.0	596.5	150.5
22.5°	2386.0	2367.1	2335.2	2290.0	2173.3	2109.4	2041.6	1836.5	1465.8	773.4	175.0
25°	2792.4	2783.0	2749.1	2685.1	2561.0	2476.3	2367.1	2096.2	1721.7	961.5	205.1
27.5°	3270.3	3253.4	3208.3	3133.0	2999.4	2888.8	2752.9	2382.2	1966.3	1161.0	242.7
30°	3804.7	3767.1	3674.9	3609.1	3452.9	3343.7	3185.7	2762.3	2218.5	1369.9	282.3
32.5°	4301.5	4252.6	4119.0	4028.7	3883.8	3785.9	3641.0	3146.2	2502.6	1588.1	333.1
35°	4751.2	4698.5	4482.1	4344.8	4271.4	4188.6	4041.8	3584.6	2809.3	1821.5	391.4
37.5°	5131.3	5078.6	4800.1	4583.8	4538.6	4510.4	4391.8	3955.3	3157.4	2084.9	459.1
40°	5344.0	5310.1	5069.2	4824.6	4738.1	4704.2	4617.6	4265.8	3545.1	2348.3	538.2
42.5°	5409.8	5389.1	5193.4	5073.0	4914.9	4847.2	4743.7	4502.8	3878.1	2643.8	628.5
45°	5374.1	5351.5	5208.5	5236.7	5105.0	4973.3	4832.1	4664.7	4158.5	2991.9	741.4
47.5°	5221.6	5214.1	5116.3	5276.2	5261.2	5110.6	4935.6	4771.9	4399.4	3328.7	882.5
50°	4849.1	4845.3	4890.5	5221.6	5364.7	5223.5	5048.5	4867.9	4591.3	3665.5	1063.1
52.5°	4346.7	4373.0	4600.7	5120.0	5394.8	5312.0	5161.4	4977.0	4749.3	4002.3	1305.9
55°	4081.4	4103.9	4403.1	5009.0	5389.1	5364.7	5276.2	5082.4	4894.2	4278.9	1629.5
57.5°	4282.7	4258.2	4395.6	4994.0	5364.7	5409.8	5359.0	5165.2	5026.0	4523.5	2077.4
60°	4664.7	4657.1	4674.1	5101.2	5415.5	5483.2	5447.4	5221.6	5155.8	4709.8	2570.4
62.5°	5050.4	5029.7	5046.6	5396.6	5592.3	5639.4	5596.1	5313.8	5257.4	4845.3	3104.8
65°	5242.3	5227.3	5306.3	5693.9	5844.5	5876.5	5820.0	5462.5	5274.3	4914.9	3441.6
67.5°	5217.9	5214.1	5398.5	5902.8	6055.2	6074.0	6027.0	5611.2	5202.8	4913.1	3477.3
69°	5103.1	5095.6	5338.3	5923.5	6123.0	6136.1	6059.0	5535.9	5022.2	4787.0	3223.3
70°	4967.6	4975.1	5249.9	5885.9	6124.8	6106.0	5927.3	5428.6	4884.8	4642.1	2899.7
72.5°	4463.3	4510.4	4886.7	5639.4	5867.1	5656.3	5423.0	5076.8	4623.3	3957.2	2024.7
75°	3733.2	3799.1	4284.6	5127.6	5044.8	4939.4	4911.2	4647.7	4188.6	2628.7	1439.5
77.5°	1825.2	2043.5	3040.8	3938.3	4139.7	4246.9	4207.4	3842.4	3366.3	1290.8	939.0
80°	96.0	99.7	159.9	376.3	1917.4	2438.6	2999.4	2933.5	2547.8	589.0	494.9
82.5°	50.8	50.8	56.5	65.9	77.1	92.2	244.6	1680.3	1514.7	302.9	184.4
85°	28.2	28.2	33.9	45.2	58.3	67.7	77.1	101.6	325.5	109.1	30.1
87.5°	13.2	16.9	22.6	32.0	41.4	52.7	60.2	75.3	96.0	92.2	5.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P991164

CATALOG NUMBER: GPC-SA2D-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
2.5°	73.4	69.6	64.0	60.2	58.3	54.6	50.8	48.9	47.0	45.2	47.0
5°	73.4	67.7	58.3	52.7	48.9	43.3	39.5	37.6	35.8	33.9	33.9
7.5°	73.4	64.0	52.7	45.2	39.5	35.8	30.1	28.2	26.3	24.5	24.5
10°	75.3	60.2	47.0	39.5	33.9	28.2	24.5	20.7	18.8	18.8	18.8
12.5°	75.3	56.5	41.4	33.9	28.2	22.6	16.9	13.2	11.3	11.3	11.3
15°	75.3	52.7	37.6	28.2	22.6	16.9	9.4	5.6	3.8	3.8	1.9
17.5°	77.1	50.8	33.9	24.5	16.9	9.4	1.9	0.0	0.0	0.0	0.0
20°	80.9	48.9	30.1	20.7	11.3	3.8	0.0	0.0	0.0	0.0	0.0
22.5°	84.7	47.0	26.3	15.1	5.6	1.9	0.0	0.0	0.0	0.0	0.0
25°	92.2	47.0	24.5	13.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	99.7	47.0	18.8	7.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0
30°	105.4	47.0	16.9	5.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	112.9	47.0	15.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	118.5	45.2	11.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	124.2	43.3	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	131.7	41.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	139.2	37.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	148.7	35.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	161.8	33.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	180.6	33.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	212.6	33.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	265.3	33.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	357.5	33.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	538.2	33.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	831.7	37.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1272.0	45.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1612.6	54.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	1456.4	50.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1234.4	39.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	686.8	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	357.5	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	152.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	45.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	15.1	3.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.6	3.8	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	1.9	1.9	1.9	1.9	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

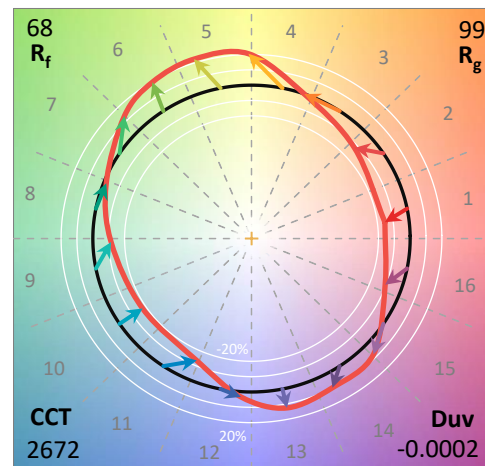
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

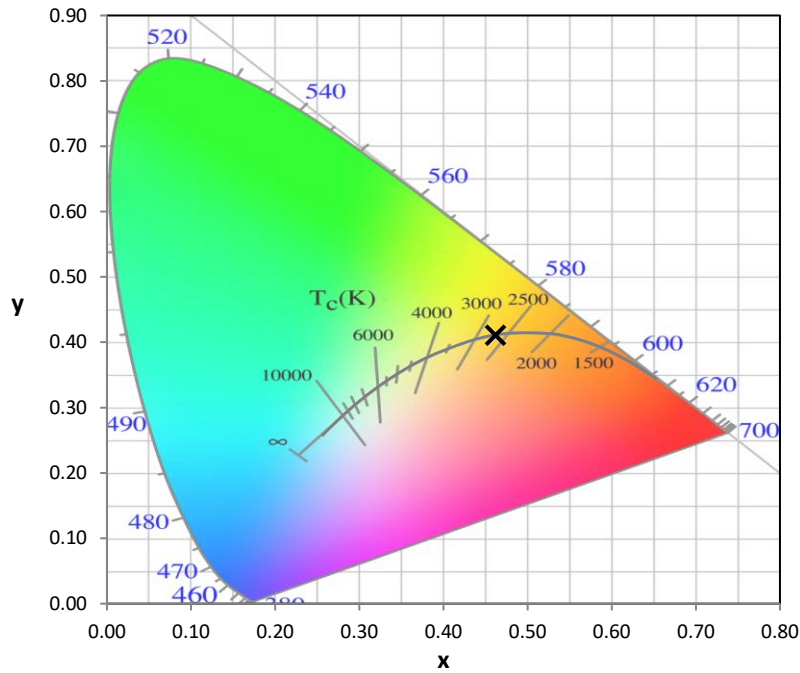
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

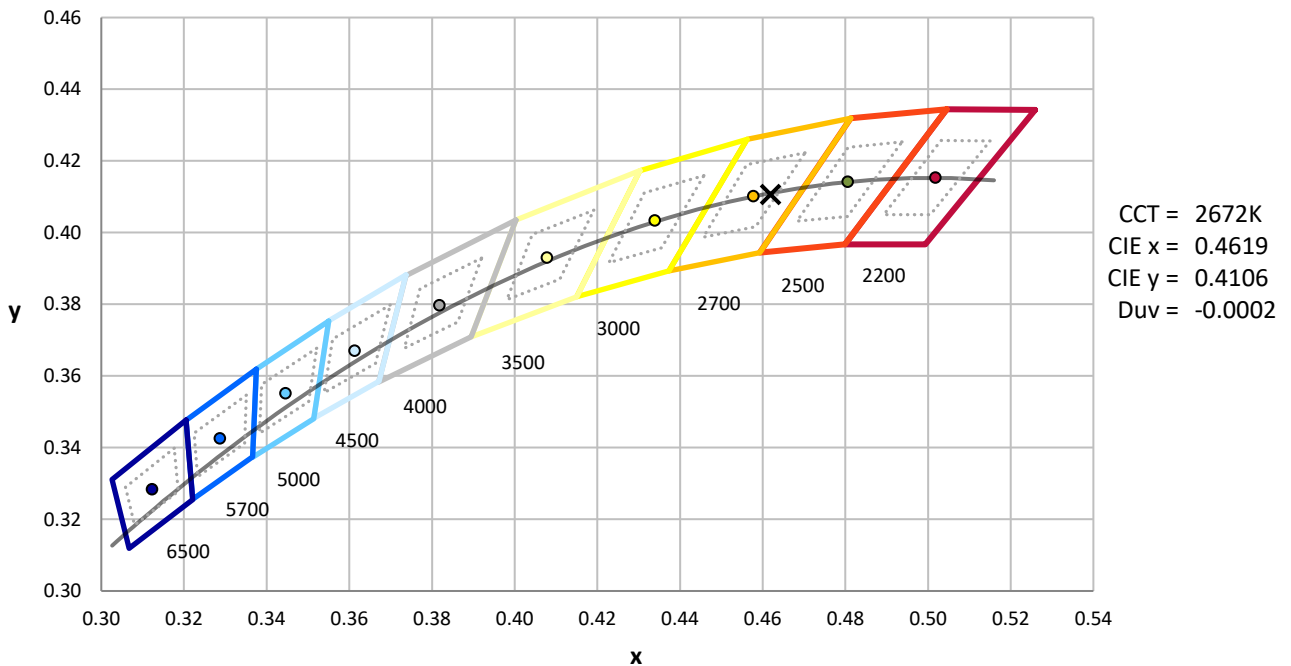
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



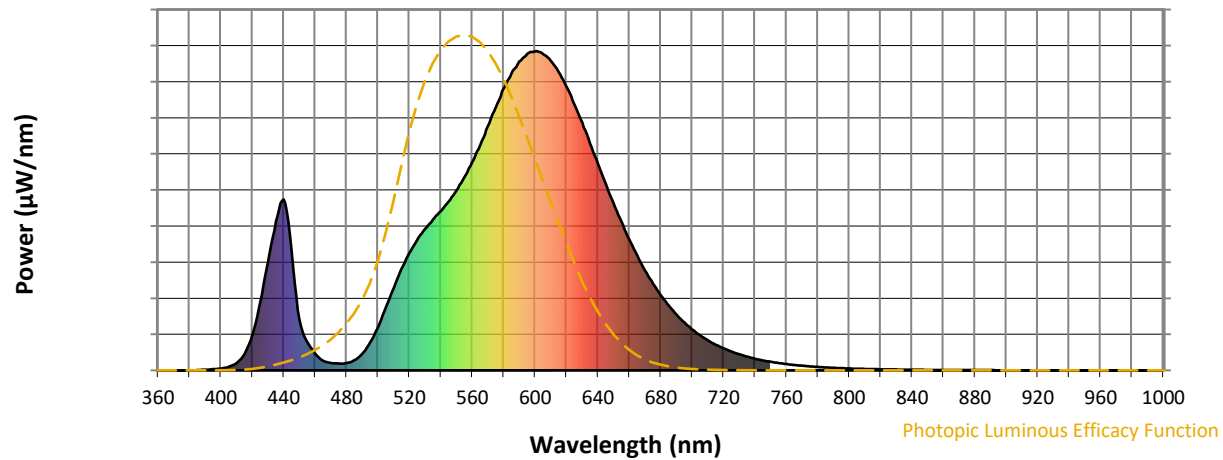
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

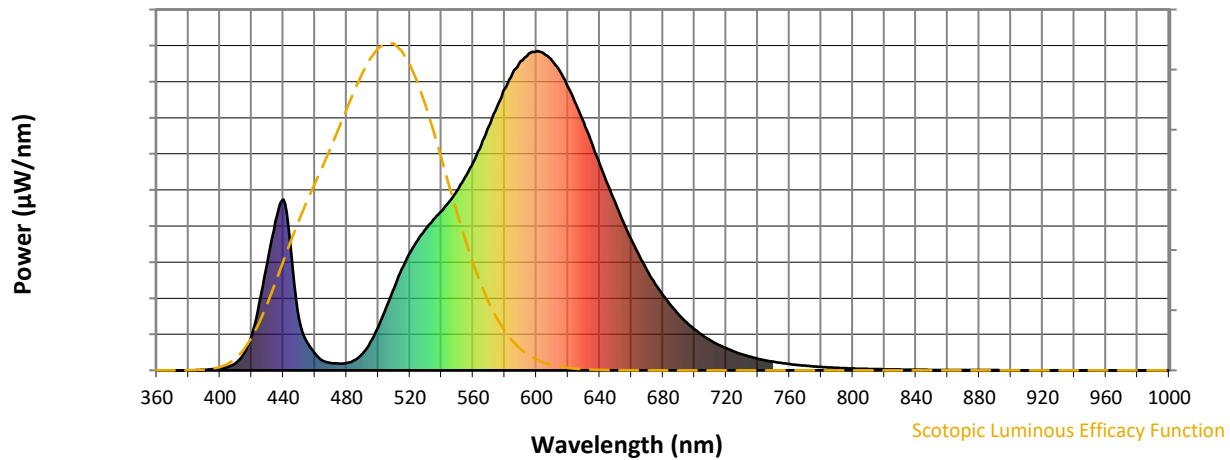


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



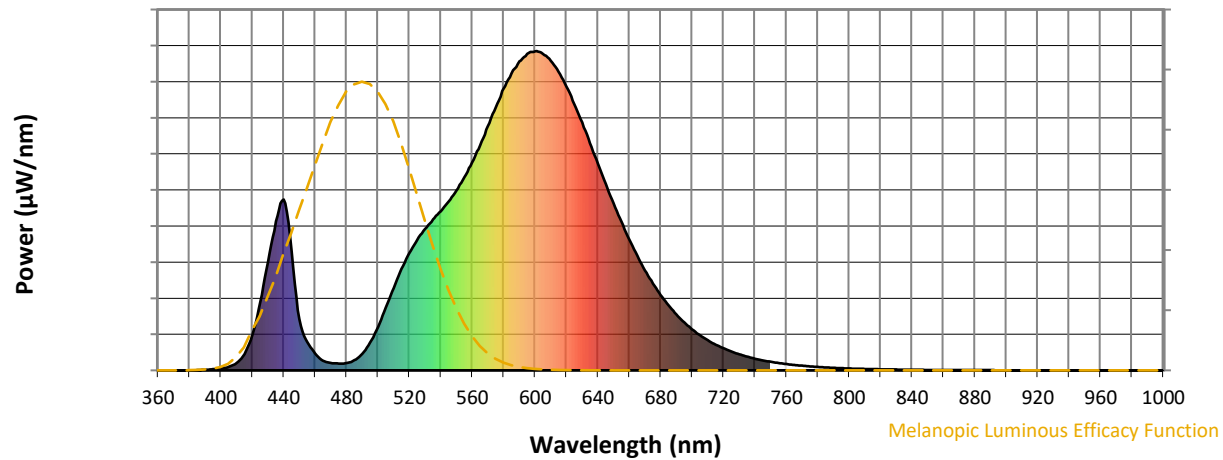
Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

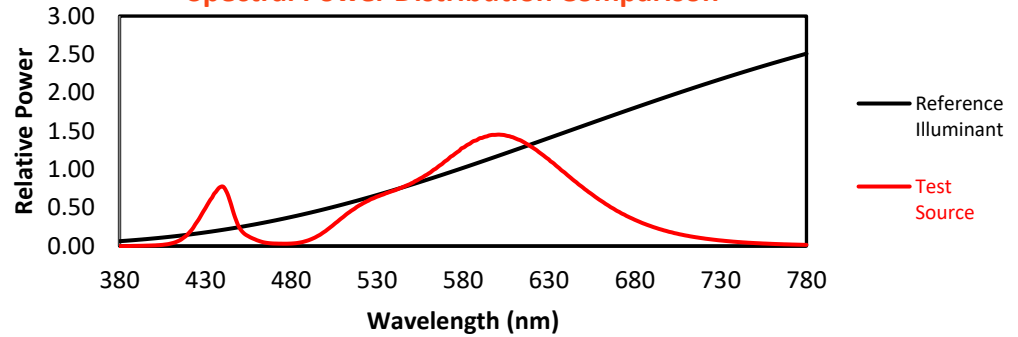
REPORT NUMBER: SP1-2407-184-3

TM-30-18

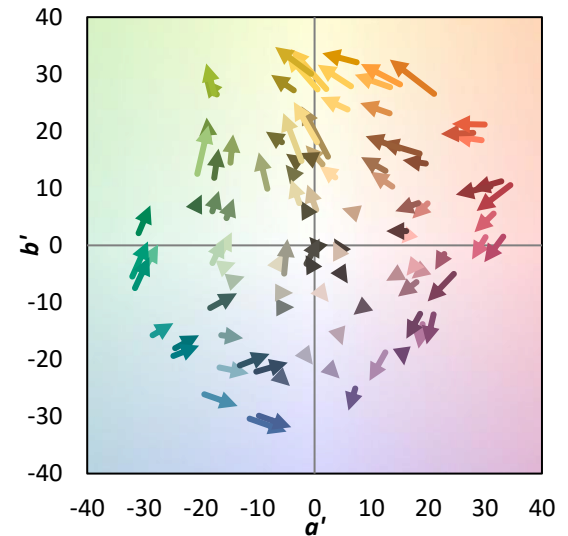
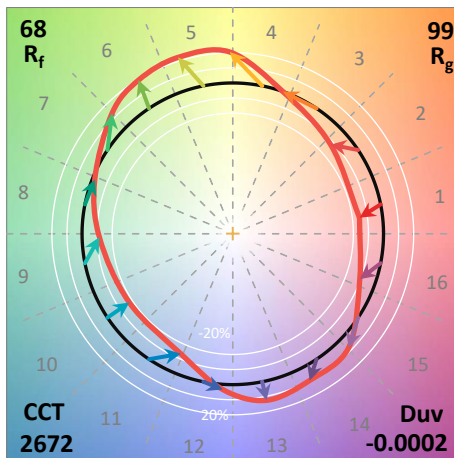
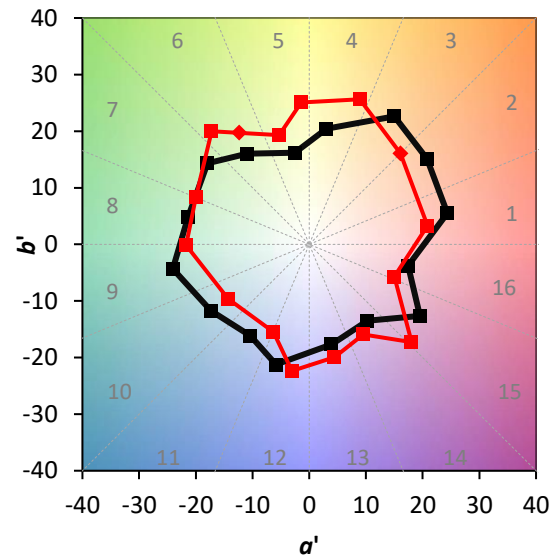
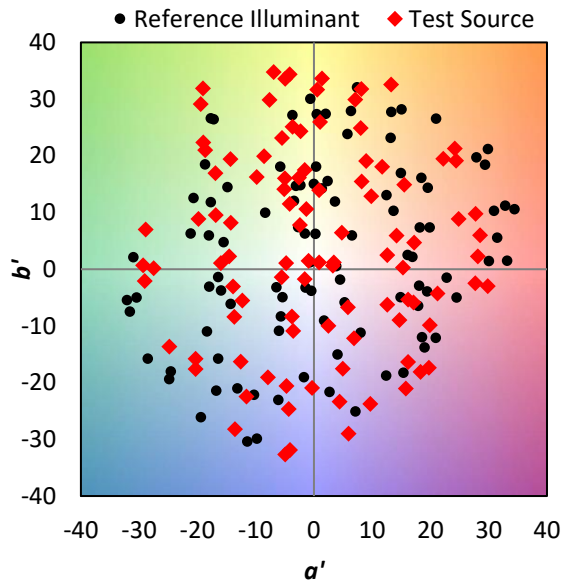
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

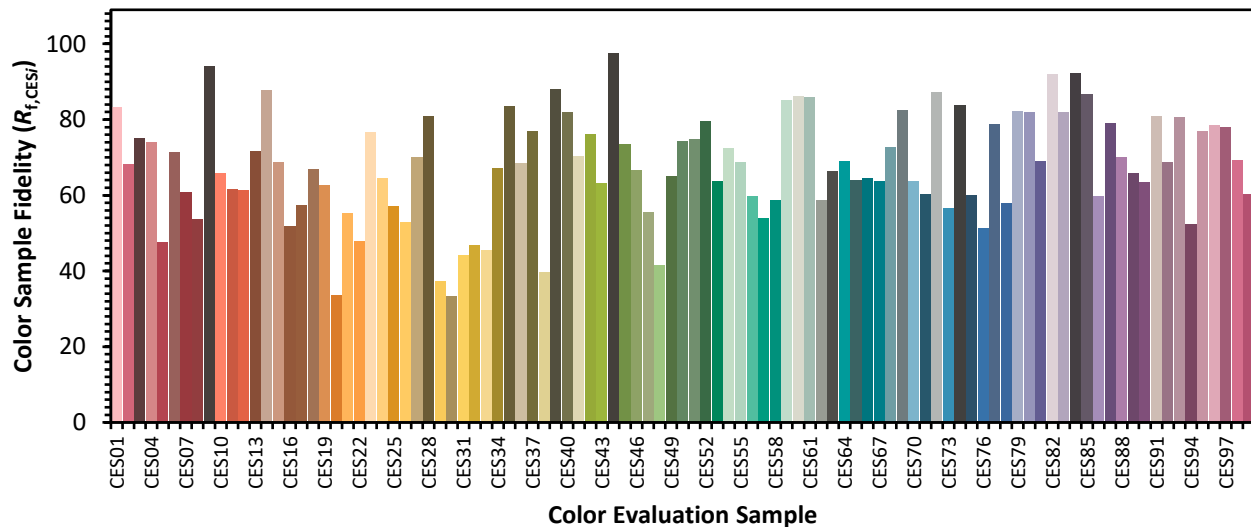


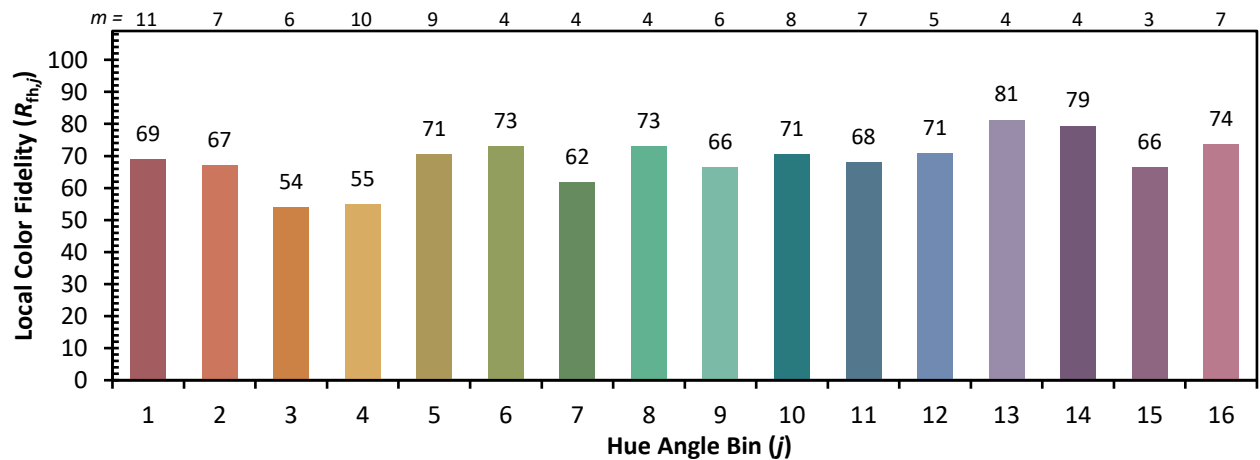
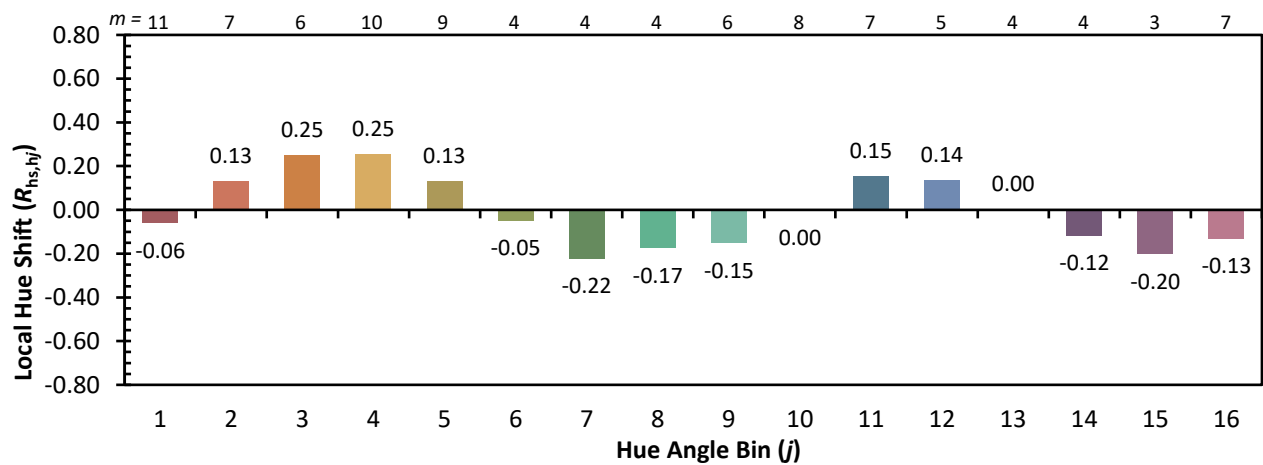
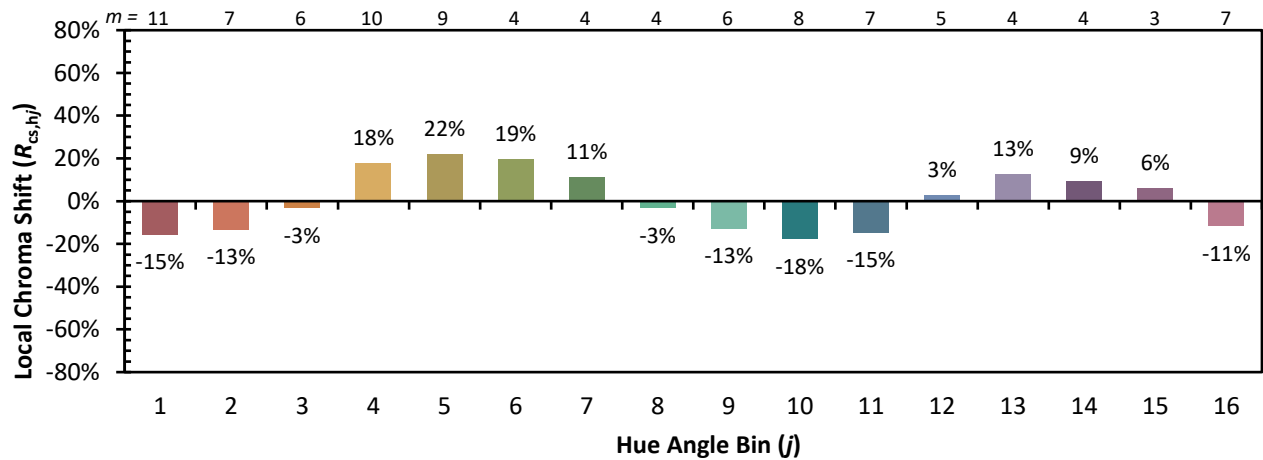
Color Vector Graphics



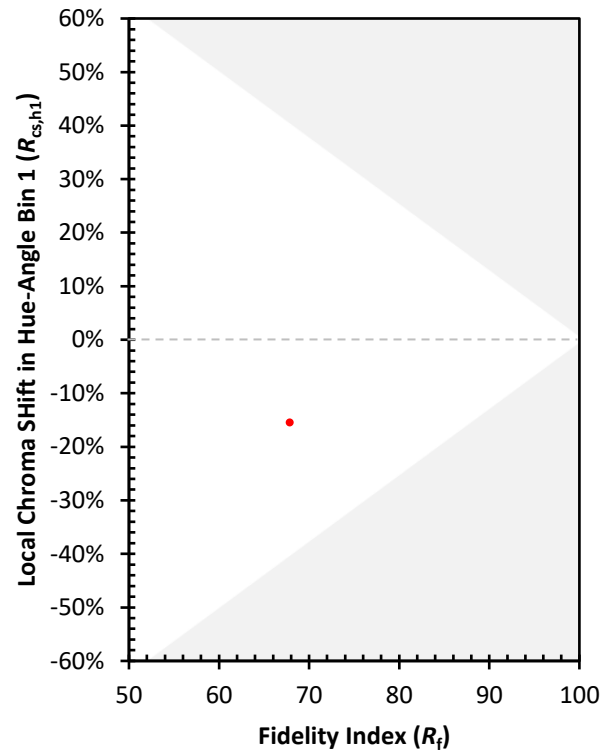
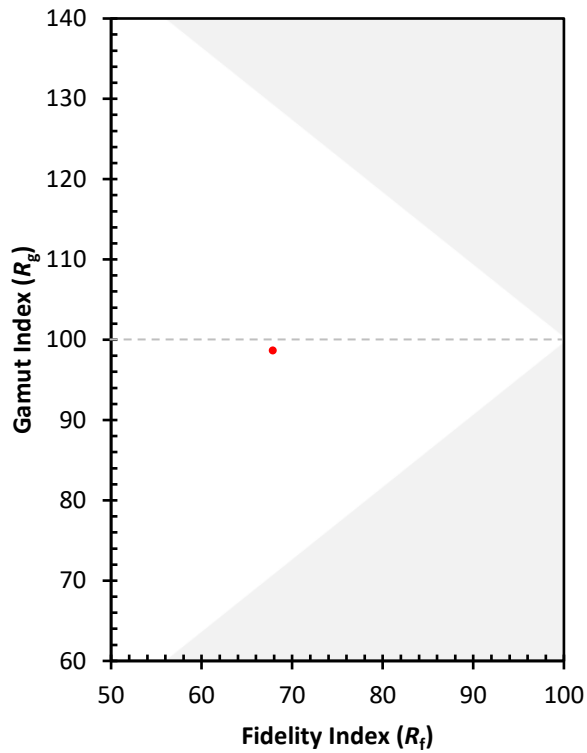
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)