

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: P991089

Luminaire Tested: **GPC-SA1C-727-U-T2BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991089
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA1C-727-U-T2BC
Description: GALLEON PEDESTRAIAN COMPANION 1050mA 1xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4580.2 lumens
Efficiency: N/A
Efficacy: 92.7 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 49.4
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



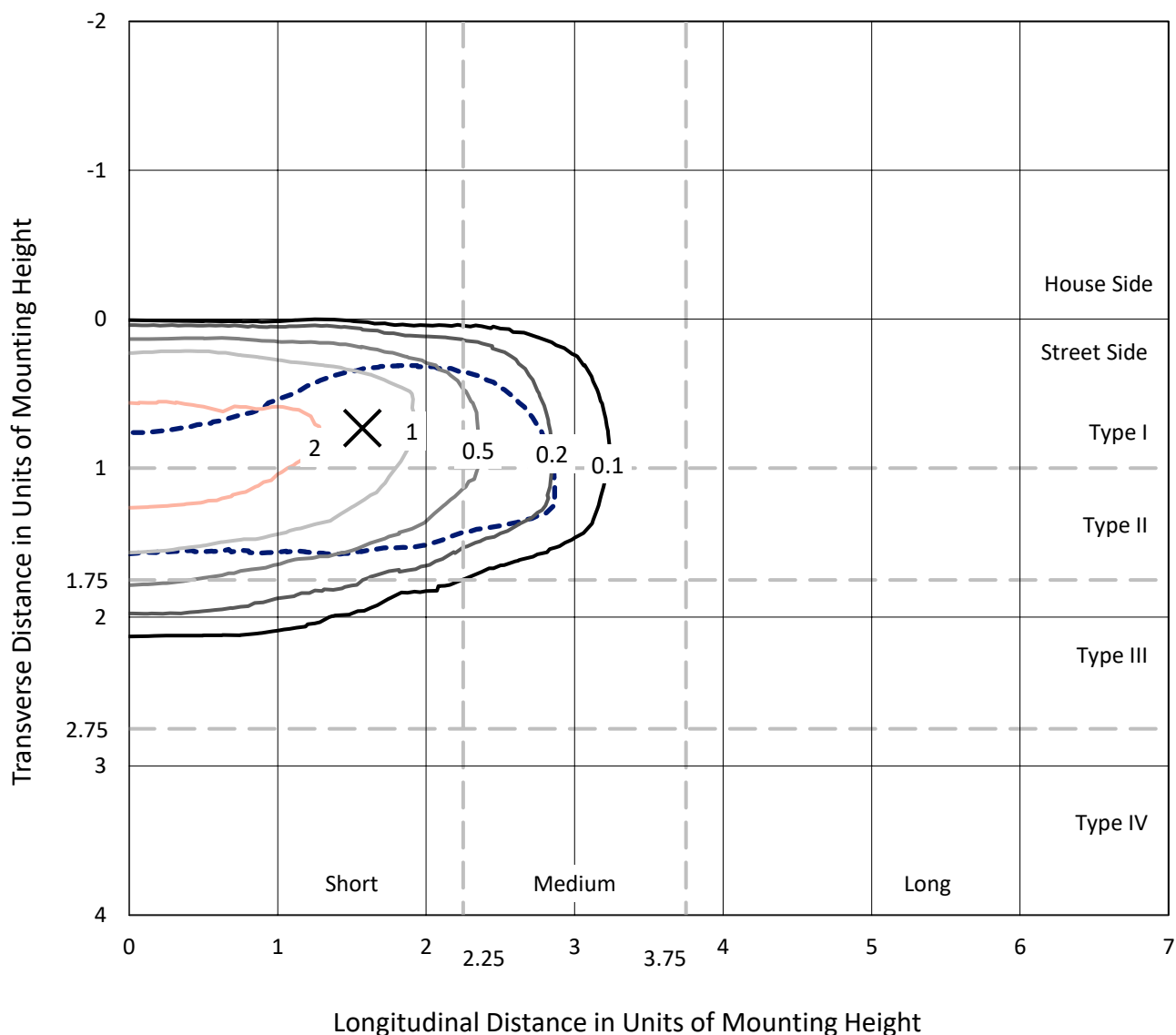
REPORT NUMBER: P991089

CATALOG NUMBER: GPC-SA1C-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

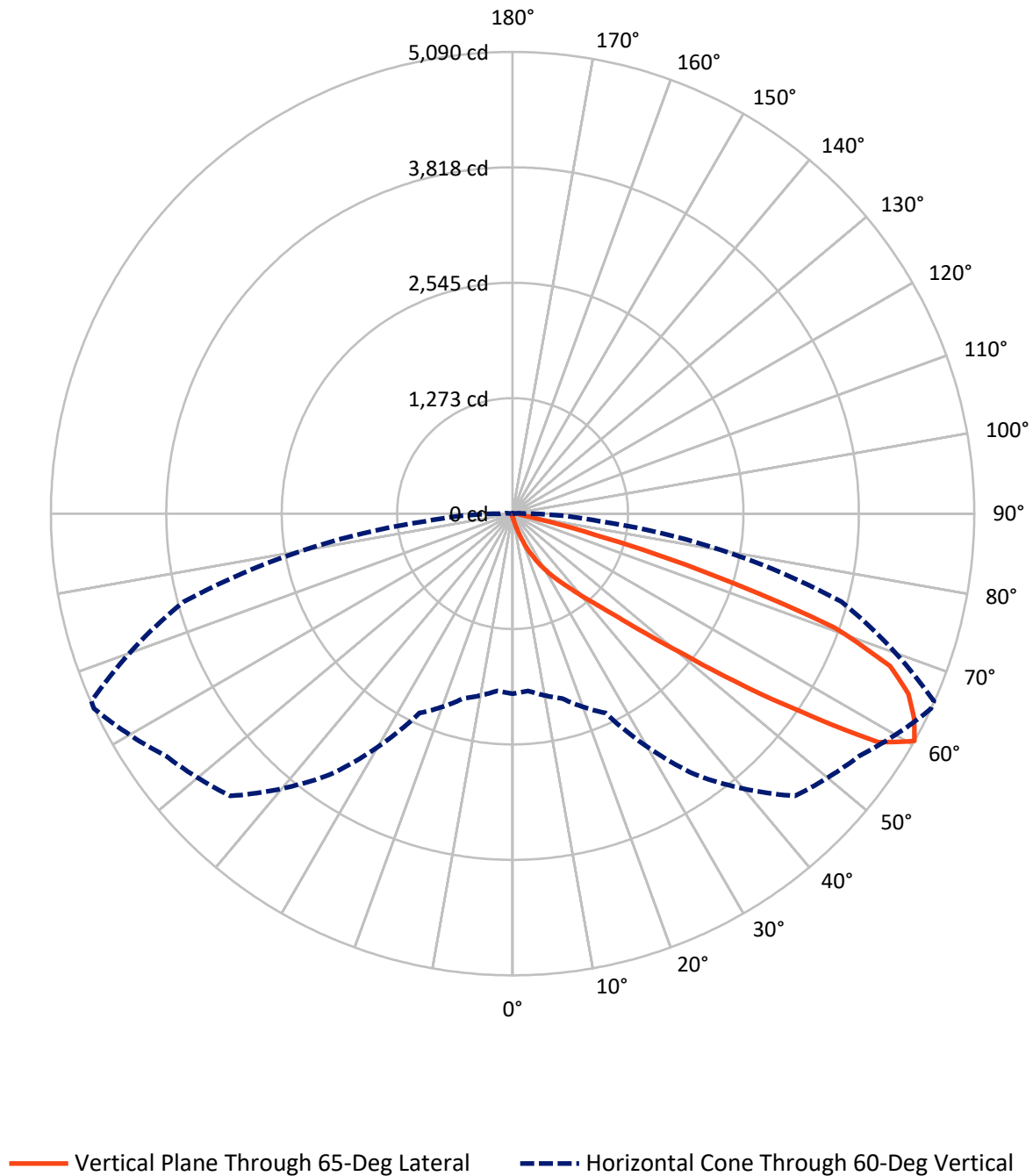


Based on 20 foot mounting height. Maximum calculated value = 3.7 fc

Type II - Short - N/A

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Luminous Intensity Polar Plot



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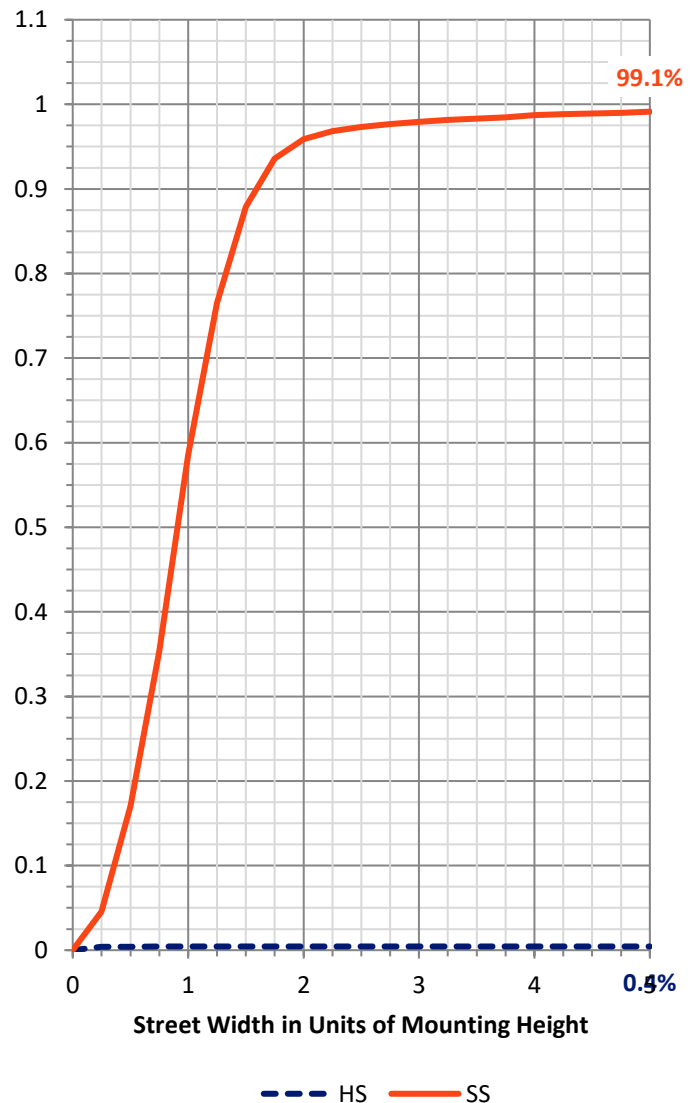
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.4	0.0	20.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4559.8	0.0	4559.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	4580.2	0.0	4580.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.1	0.1
10°-20°	50.6	1.1
20°-30°	155.0	3.4
30°-40°	402.9	8.8
40°-50°	1014.3	22.1
50°-60°	1470.3	32.1
60°-70°	1134.0	24.8
70°-80°	312.9	6.8
80°-90°	34.1	0.7
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°	4580.2	100.0
0°-180°	4580.2	100.0



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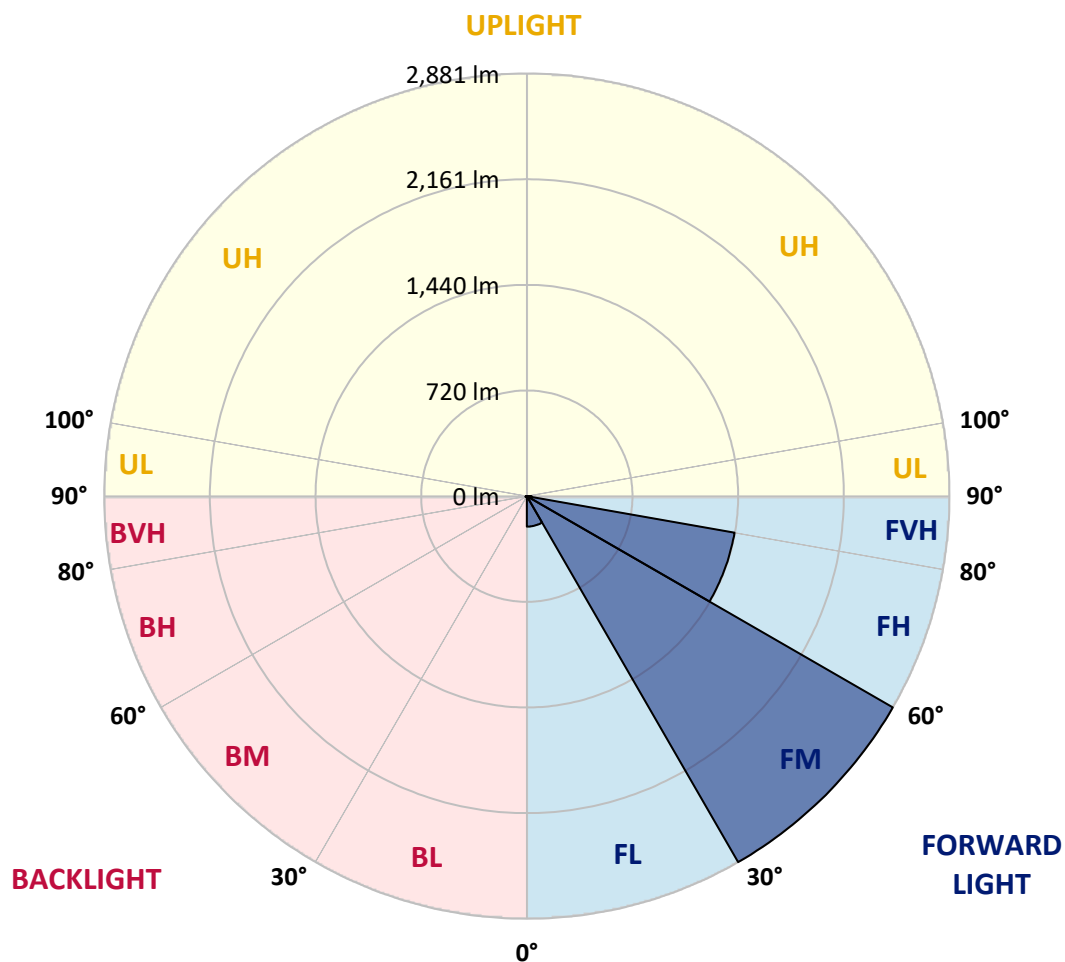
CATALOG NUMBER: GPC-SA1C-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	207.9	4.5			
FM	(30°-60°)	2880.8	62.9			
FH	(60°-80°)	1437.7	31.4			G1/1800
FVH	(80°-90°)	33.3	0.7			G1/100
BL	(0°-30°)	3.8	0.1	B0/110		
BM	(30°-60°)	6.7	0.1	B0/220		
BH	(60°-80°)	9.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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-G1

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
2.5°	52.8	52.8	51.9	50.2	45.9	43.3	40.7	38.1	37.2	35.5	33.8
5°	96.1	94.3	93.5	84.8	76.2	65.8	55.4	46.7	45.9	39.8	34.6
7.5°	201.7	201.7	184.4	163.6	140.2	108.2	79.6	61.5	58.9	45.9	35.5
10°	329.8	330.6	319.4	286.5	244.1	190.4	129.0	79.6	77.9	53.7	36.4
12.5°	444.9	444.0	432.8	409.4	362.6	295.1	202.5	115.1	108.2	62.3	36.4
15°	518.4	518.4	516.7	504.6	471.7	402.5	300.3	168.8	161.0	75.3	37.2
17.5°	590.3	594.6	588.5	583.4	559.1	507.2	402.5	243.2	227.6	96.1	38.9
20°	676.8	681.2	678.6	670.8	640.5	594.6	504.6	328.9	313.3	130.7	42.4
22.5°	777.2	780.7	775.5	772.9	734.8	676.8	598.9	431.9	408.5	174.8	46.7
25°	901.0	898.4	896.7	882.0	844.7	781.6	688.1	527.1	508.9	233.7	52.8
27.5°	1046.4	1042.9	1031.7	1012.7	958.1	888.9	783.3	628.4	611.1	304.7	61.5
30°	1242.9	1222.1	1205.7	1163.2	1090.5	998.8	889.7	727.9	708.9	389.5	71.0
32.5°	1519.8	1513.8	1449.7	1338.9	1234.2	1124.3	1008.3	833.5	813.6	476.9	84.0
35°	2016.6	1988.1	1876.4	1597.7	1401.3	1281.8	1128.6	939.1	918.3	578.2	101.3
37.5°	2574.9	2549.8	2441.6	2105.8	1654.9	1444.5	1262.8	1058.5	1036.0	688.9	122.9
40°	3134.9	3127.1	3086.4	2818.1	2169.0	1661.8	1440.2	1210.9	1184.9	800.6	153.2
42.5°	3765.0	3742.5	3716.5	3625.6	3057.0	2097.1	1686.9	1384.8	1362.3	938.2	196.5
45°	3964.9	3956.3	3987.4	4074.8	3987.4	3009.4	2069.4	1622.0	1599.5	1114.8	258.8
47.5°	3897.4	3888.8	3974.4	4118.1	4318.0	4104.3	2662.3	1962.1	1920.6	1326.0	351.4
50°	3556.4	3559.9	3711.3	3998.7	4285.2	4540.5	3652.5	2414.8	2386.2	1626.3	476.0
52.5°	3233.6	3239.6	3429.2	3797.0	4112.1	4556.9	4596.7	3073.4	2950.5	1994.1	630.1
55°	2919.4	2910.7	3054.4	3608.3	4080.9	4331.9	4893.6	3846.3	3765.8	2471.0	781.6
57.5°	2587.0	2576.6	2651.9	3063.9	4016.0	4363.1	4815.7	4756.0	4659.9	3018.9	903.6
60°	1984.6	1961.3	2110.1	2425.2	3514.8	4401.1	4661.7	5090.1	5084.0	3752.9	965.0
62.5°	951.2	989.3	1190.9	1532.8	2349.9	4063.6	4721.4	4966.3	4978.4	4400.3	1107.0
65°	485.6	494.2	598.1	837.0	1243.7	2921.1	4549.1	4794.9	4776.8	4273.9	1474.8
67.5°	327.2	331.5	380.0	506.3	721.8	1223.8	3534.8	4486.8	4473.8	3642.9	1693.8
70°	289.9	291.7	303.8	344.5	432.8	539.2	1618.5	3765.0	3861.9	2782.6	1546.7
72.5°	283.9	283.9	282.2	284.8	279.6	292.5	567.8	2266.8	2407.9	1943.9	1253.3
75°	277.8	278.7	276.1	267.4	217.2	182.6	207.7	954.7	1058.5	1279.2	939.1
77.5°	259.7	261.4	269.2	247.5	197.3	129.0	118.6	302.9	354.0	817.0	688.1
80°	97.8	97.8	97.8	90.0	131.6	97.8	85.7	123.8	131.6	460.5	423.2
82.5°	71.8	71.0	67.5	62.3	52.8	49.3	70.1	93.5	93.5	215.5	161.0
85°	20.8	20.8	23.4	31.2	38.9	43.3	53.7	71.8	74.4	82.2	24.2
87.5°	9.5	9.5	12.1	15.6	20.8	31.2	45.0	61.5	62.3	68.4	4.3
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-SA1C-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
2.5°	32.9	32.0	31.2	30.3	28.6	26.8	24.2	23.4	22.5	22.5	22.5
5°	32.9	31.2	28.6	26.0	24.2	21.6	19.9	19.0	18.2	17.3	17.3
7.5°	32.0	29.4	26.0	23.4	21.6	19.0	16.4	15.6	14.7	14.7	14.7
10°	32.0	28.6	24.2	21.6	19.0	15.6	13.0	12.1	11.3	10.4	10.4
12.5°	30.3	26.8	22.5	19.0	15.6	12.1	9.5	7.8	6.9	6.9	6.9
15°	29.4	26.0	20.8	16.4	12.1	8.7	6.1	4.3	3.5	4.3	4.3
17.5°	28.6	23.4	19.0	13.0	8.7	5.2	2.6	0.9	0.9	0.9	0.9
20°	28.6	22.5	16.4	10.4	6.1	2.6	0.9	0.0	0.0	0.0	0.0
22.5°	29.4	22.5	14.7	8.7	3.5	1.7	0.0	0.0	0.0	0.0	0.0
25°	30.3	21.6	13.0	6.1	2.6	0.9	0.0	0.0	0.0	0.0	0.0
27.5°	31.2	20.8	11.3	4.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0
30°	32.9	19.9	9.5	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	35.5	19.0	7.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	38.1	17.3	5.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	41.5	17.3	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	46.7	17.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	55.4	18.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	71.8	23.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	102.1	35.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	144.5	51.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	180.9	53.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	187.8	38.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	161.9	31.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	139.3	20.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	167.9	17.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	267.4	16.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	416.3	16.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	466.5	16.4	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	360.9	13.0	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	226.8	10.4	2.6	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	123.8	6.9	2.6	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
80°	46.7	5.2	2.6	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	16.4	4.3	3.5	2.6	1.7	0.9	0.0	0.0	0.0	0.0	0.0
85°	6.1	3.5	3.5	2.6	2.6	0.9	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	3.5	3.5	3.5	2.6	0.9	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

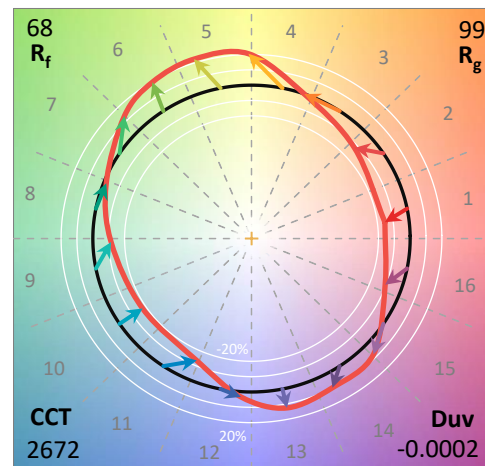
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

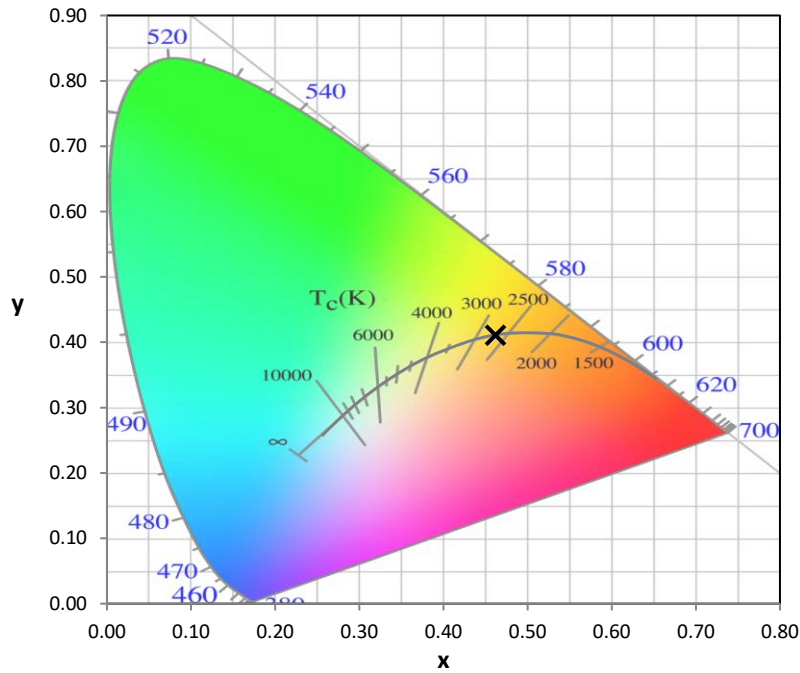
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

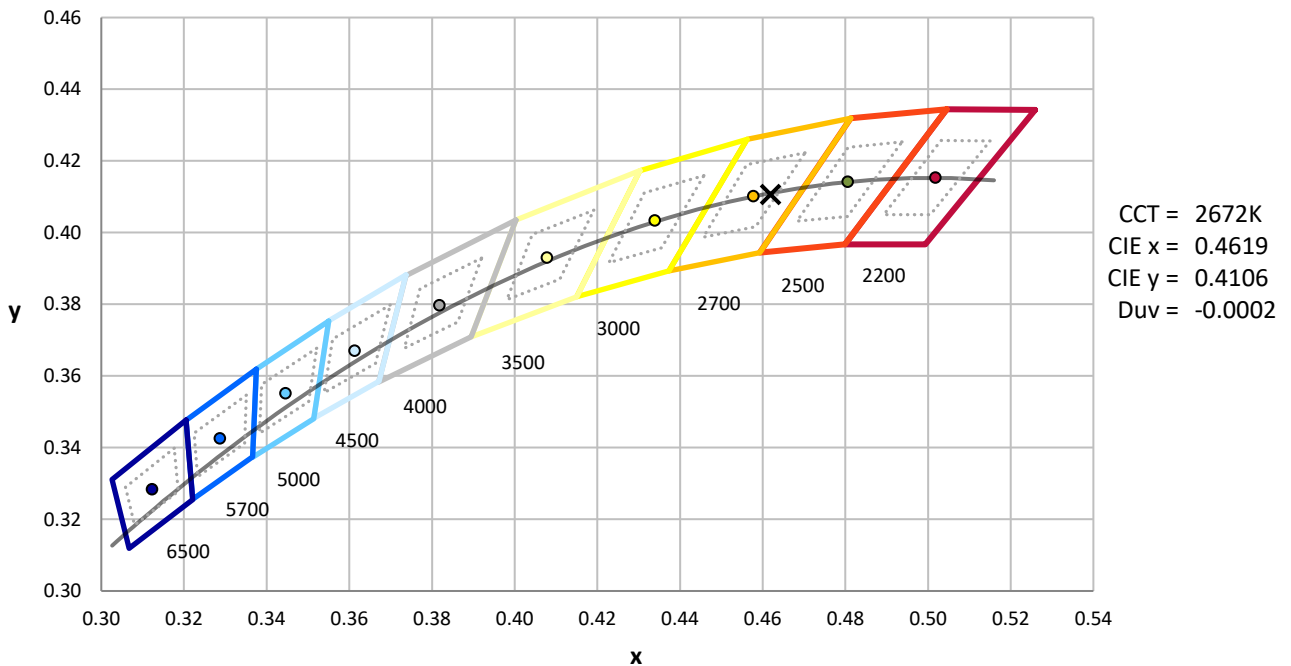
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



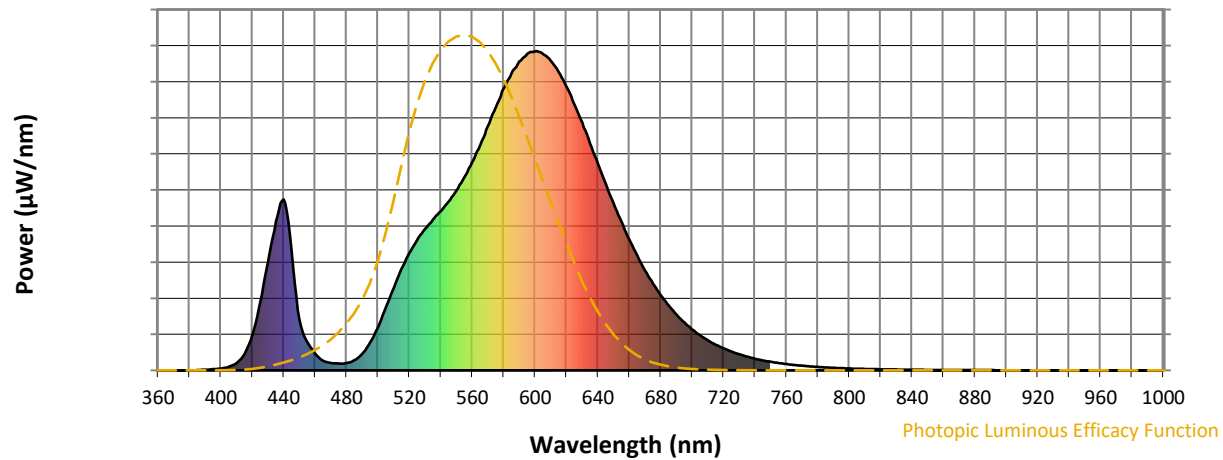
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

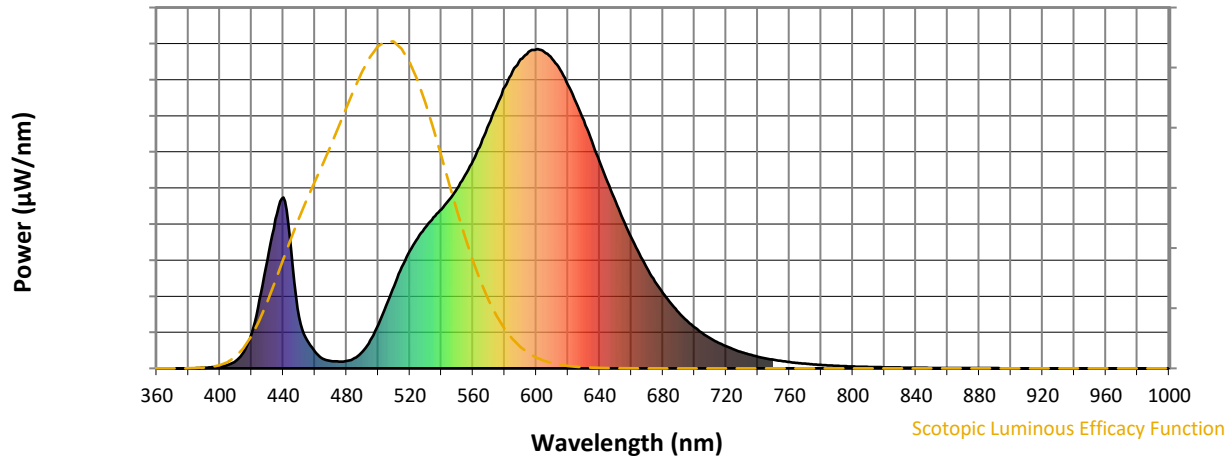


Photopic Lumens: NR

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	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



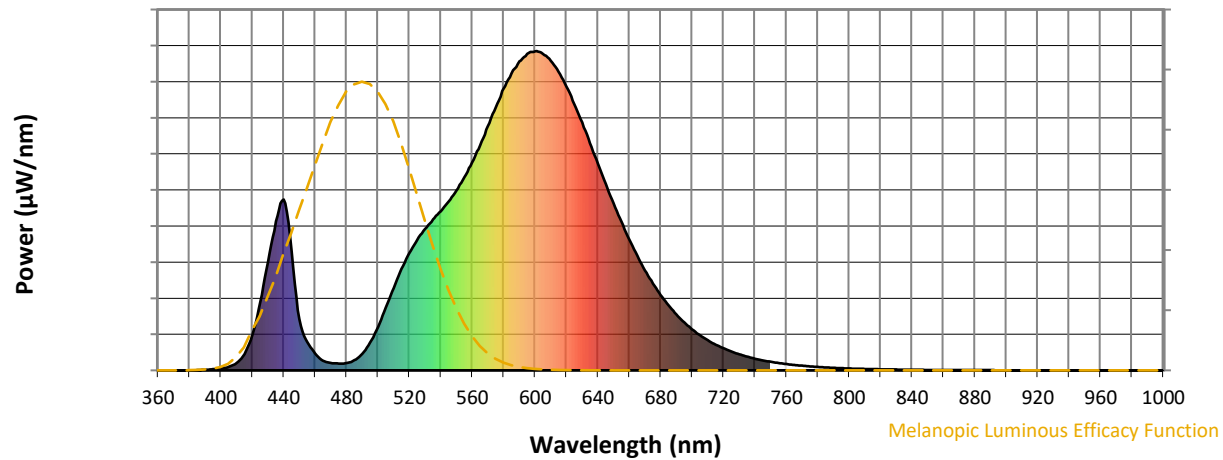
Scotopic Lumens: NR

S/P: 1.02

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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			

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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			

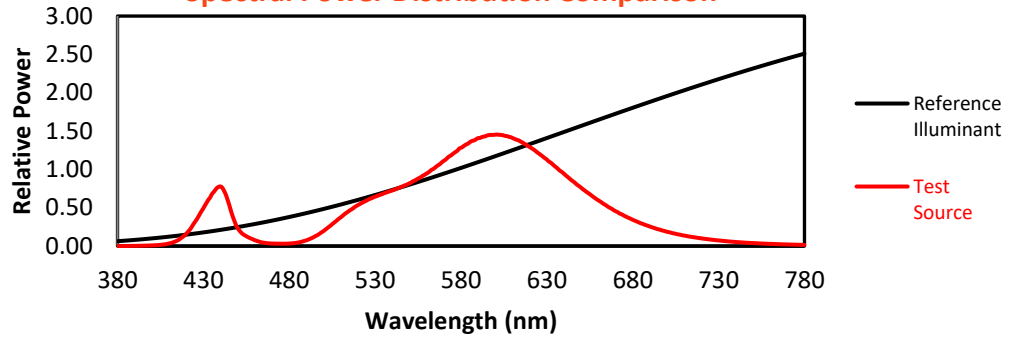
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TM-30-18

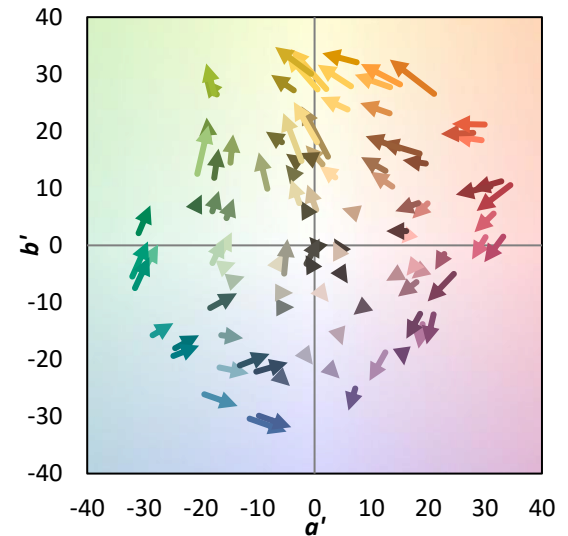
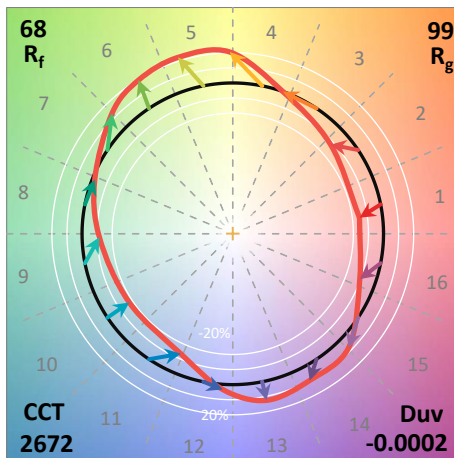
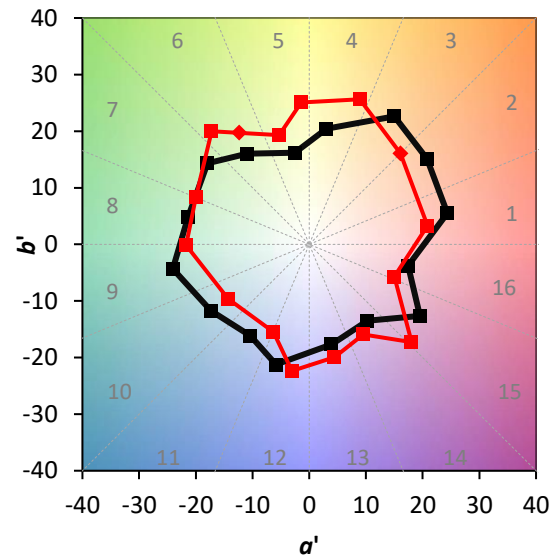
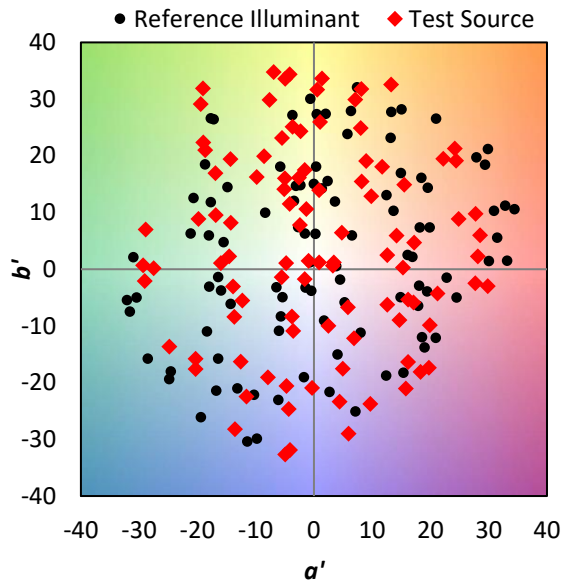
Summary

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

Spectral Power Distribution Comparison

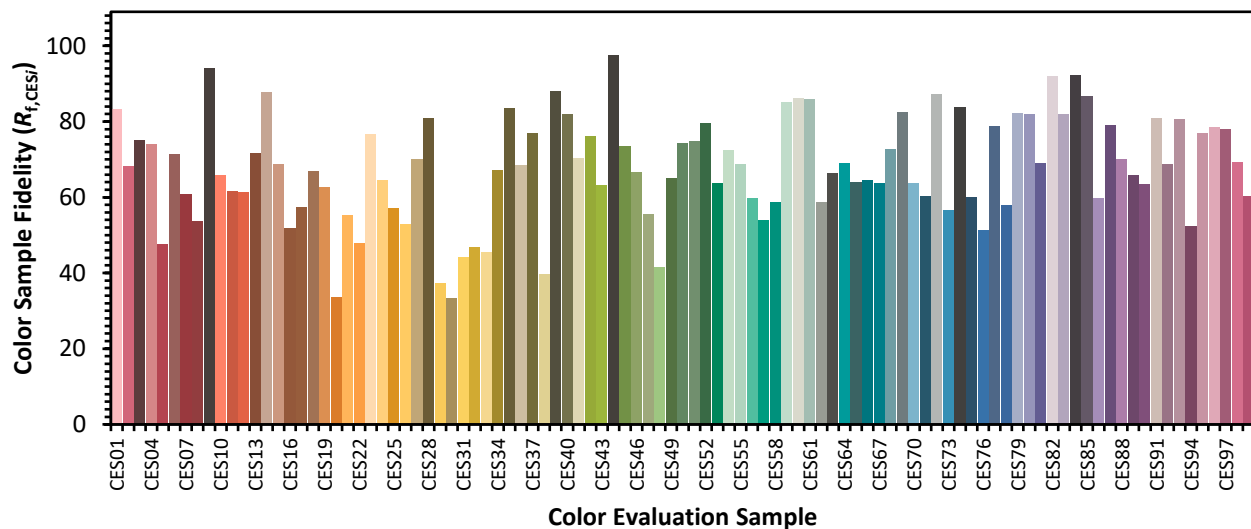


Color Vector Graphics

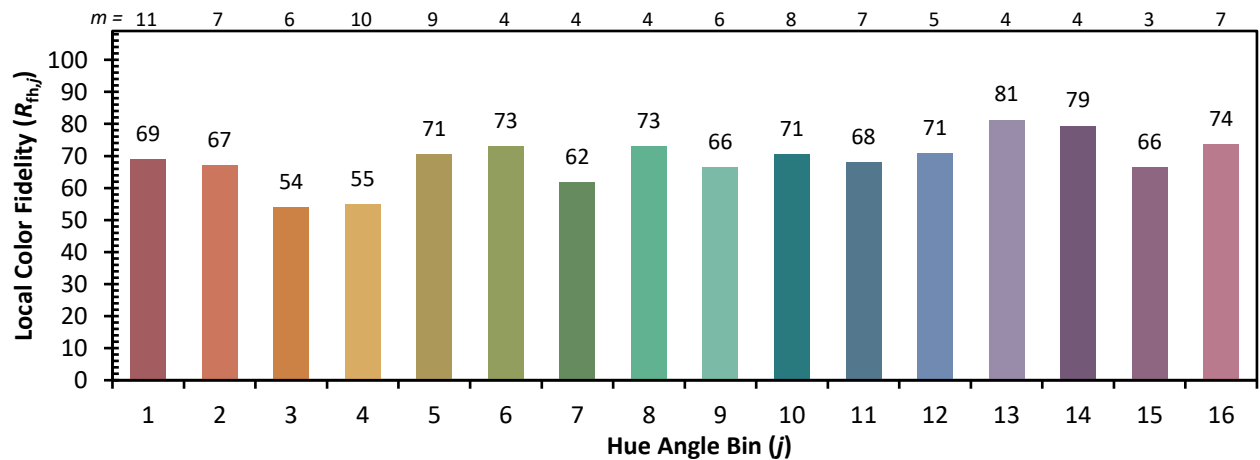
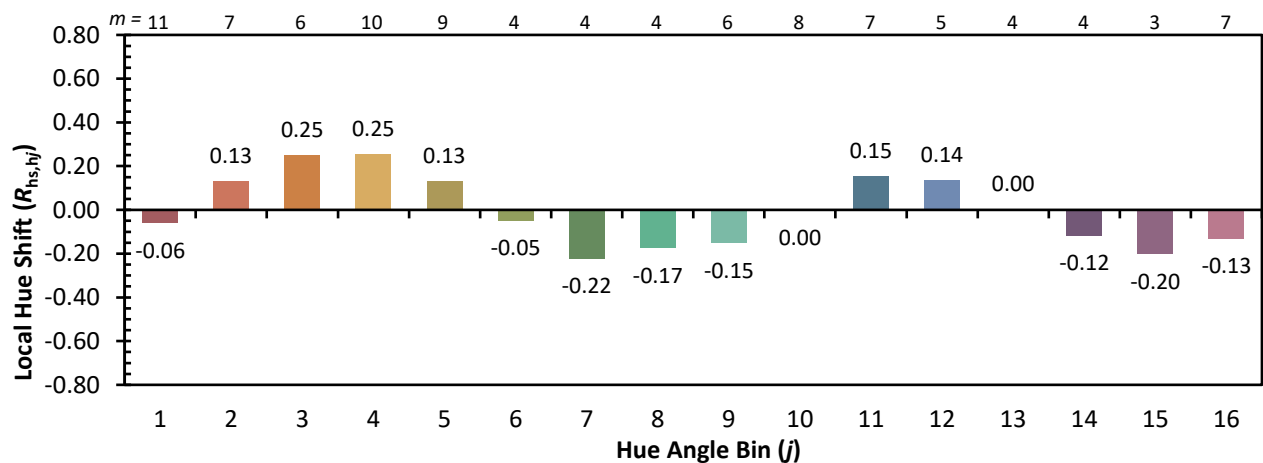
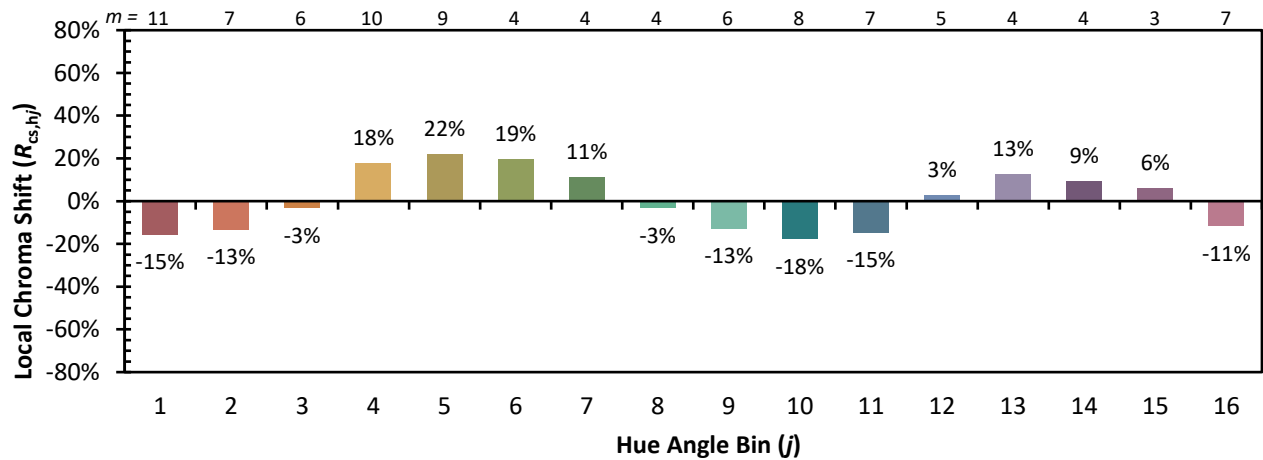


Individual Sample Fidelity Index ($R_{f,i}$)

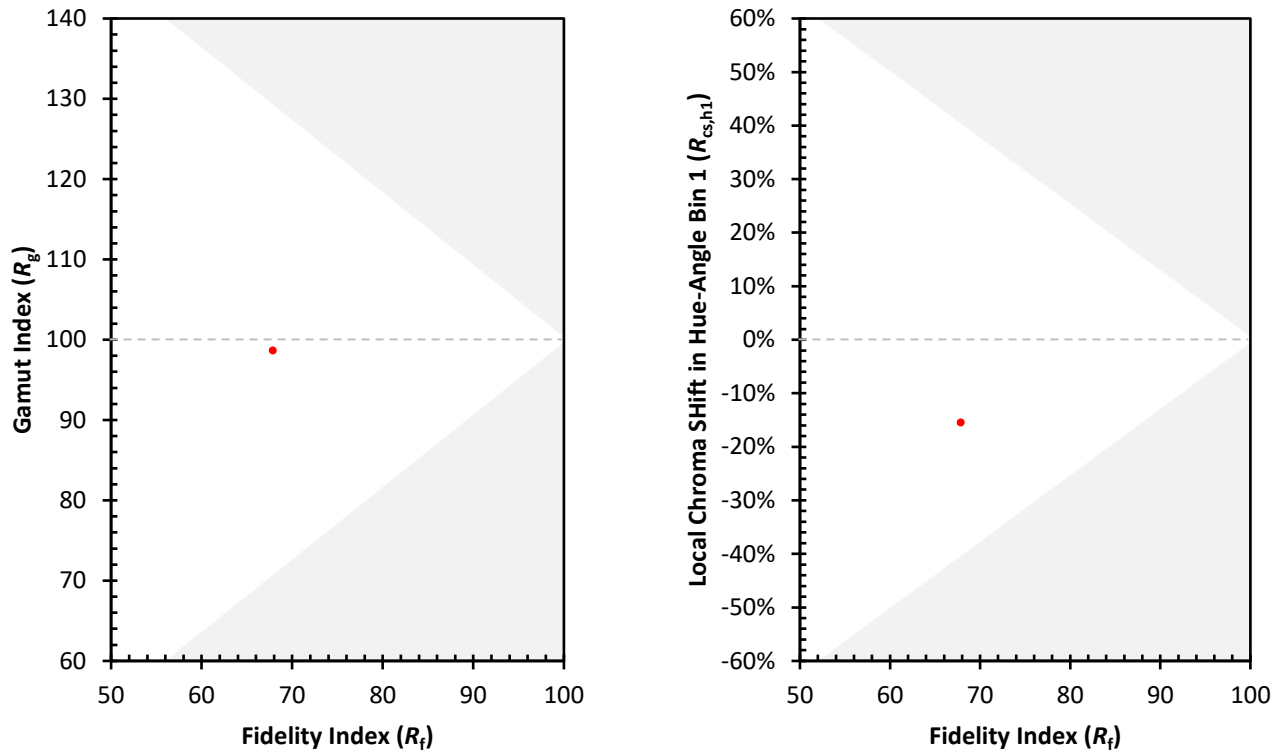
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CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 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)