

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: LUMARK

Report Number: P1067220

Luminaire Tested: **NAV-SA6D-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067220
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6D-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 6xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30080 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 320.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



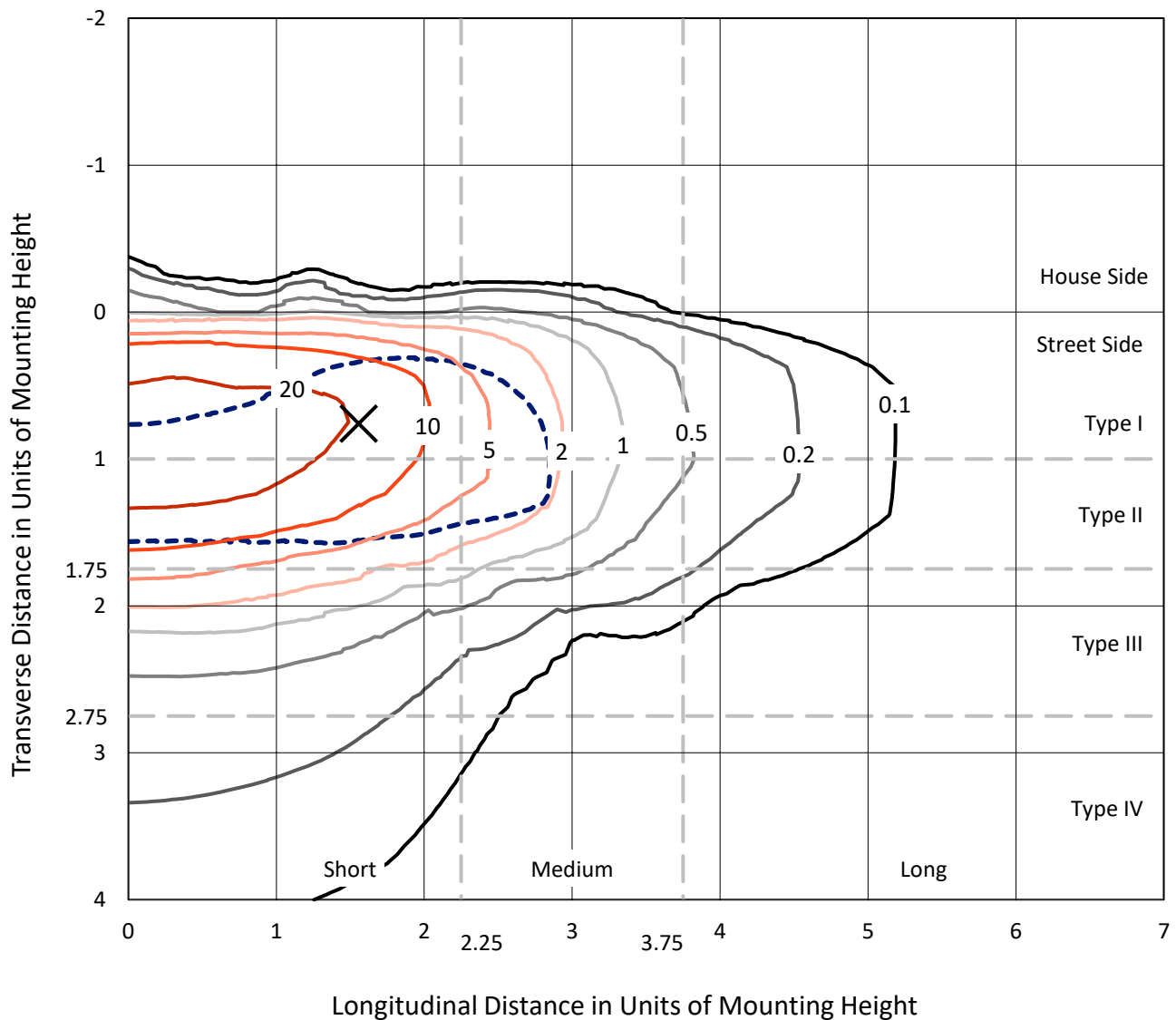
REPORT NUMBER: P1067220

CATALOG NUMBER: NAV-SA6D-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

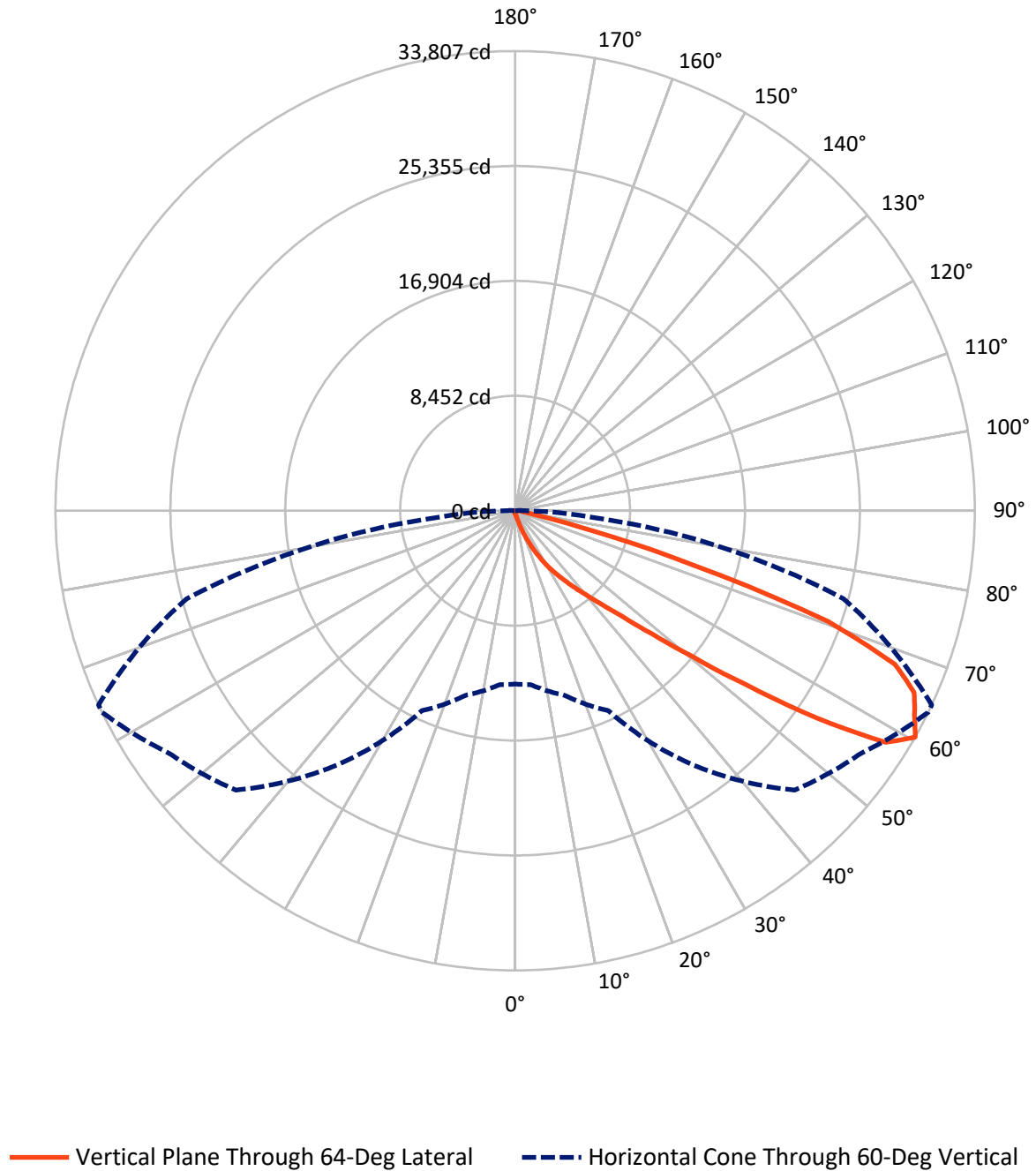


Based on 15 foot mounting height. Maximum calculated value = 43.1 fc
Type II - Short - N/A

REPORT NUMBER: P1067220

CATALOG NUMBER: NAV-SA6D-727-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067220

CATALOG NUMBER: NAV-SA6D-727-U-T2BC

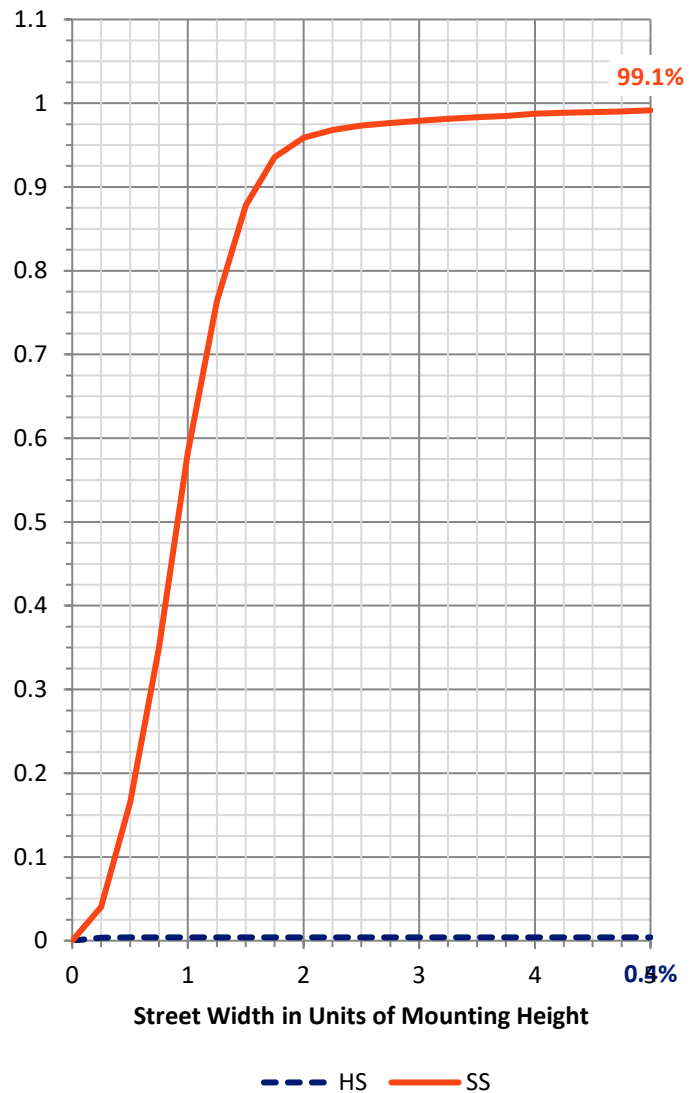
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	121.9	0.0	121.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29958.0	0.0	29958.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	30080.0	0.0	30080.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.9	0.1
10°-20°	295.6	1.0
20°-30°	981.7	3.3
30°-40°	2619.6	8.7
40°-50°	6658.3	22.1
50°-60°	9706.3	32.3
60°-70°	7497.2	24.9
70°-80°	2058.9	6.8
80°-90°	232.4	0.8
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°	30080.0	100.0
0°-180°	30080.0	100.0



REPORT NUMBER: P1067220

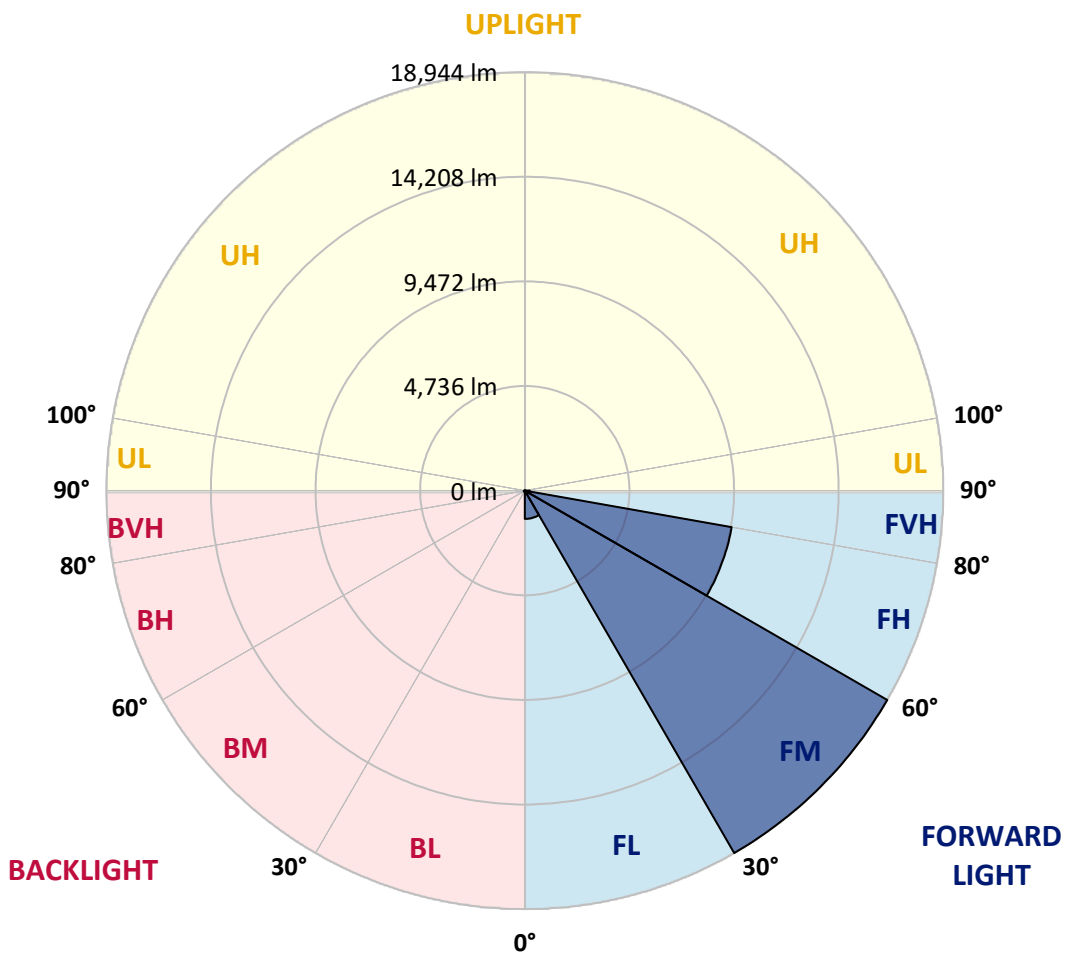
CATALOG NUMBER: NAV-SA6D-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1279.9	4.3			
FM	(30°-60°)	18943.8	63.0			
FH	(60°-80°)	9507.4	31.6			G4/12000
FVH	(80°-90°)	226.9	0.8			G3/500
BL	(0°-30°)	27.4	0.1	B0/110		
BM	(30°-60°)	40.4	0.1	B0/220		
BH	(60°-80°)	48.6	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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-G4

Type II Short



REPORT NUMBER: P1067220

CATALOG NUMBER: NAV-SA6D-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7
2.5°	265.0	265.0	265.0	256.7	248.4	248.4	240.1	231.8	231.8	215.3	207.0
5°	405.7	405.7	389.2	372.6	347.8	314.6	281.5	256.7	256.7	231.8	215.3
7.5°	794.9	819.7	745.2	654.1	529.9	447.1	356.0	298.1	289.8	248.4	215.3
10°	1722.2	1705.7	1589.7	1366.2	1076.4	778.3	496.8	364.3	347.8	265.0	215.3
12.5°	2591.6	2616.5	2492.3	2243.9	1896.1	1382.7	852.8	472.0	455.4	289.8	215.3
15°	3336.8	3336.8	3254.0	3129.8	2748.9	2210.7	1374.5	703.8	645.8	314.6	207.0
17.5°	3850.2	3841.9	3808.8	3775.6	3552.1	2997.3	2103.1	1126.1	993.6	372.6	207.0
20°	4429.8	4404.9	4446.3	4380.1	4206.2	3767.4	2873.1	1672.5	1548.3	472.0	207.0
22.5°	5034.2	5059.0	5092.2	5025.9	4835.5	4454.6	3684.6	2376.3	2243.9	654.1	215.3
25°	5804.2	5787.7	5862.2	5804.2	5564.1	5117.0	4446.3	3146.4	2955.9	910.8	231.8
27.5°	6748.1	6715.0	6764.7	6615.7	6301.0	5845.6	5125.3	3933.0	3709.4	1308.2	265.0
30°	7998.4	8023.3	7799.7	7625.8	7178.7	6574.3	5878.8	4777.5	4545.7	1780.2	298.1
32.5°	9969.0	9795.2	9447.4	8743.6	8155.7	7385.7	6632.2	5514.4	5307.4	2384.6	347.8
35°	13040.9	13074.0	12312.3	10573.5	9298.4	8404.1	7460.2	6325.9	6176.8	3071.9	414.0
37.5°	16783.4	16692.3	16021.7	13827.5	10970.9	9671.0	8404.1	7211.8	6996.5	3817.0	496.8
40°	21022.7	20641.9	20252.7	18762.3	14456.8	11260.7	9596.4	8238.5	8072.9	4678.2	629.3
42.5°	24417.5	24318.2	24384.4	23763.4	20269.3	13968.2	11177.9	9497.1	9298.4	5746.3	861.1
45°	26090.1	25949.3	26346.7	26810.4	25916.2	19731.1	13728.1	11103.4	10838.4	7004.8	1217.2
47.5°	25643.0	25543.6	26396.4	27307.2	28499.5	26413.0	17892.9	13504.6	13049.2	8619.4	1747.1
50°	23440.5	23448.8	24848.1	26545.5	28433.3	29799.5	24061.5	16791.7	16220.4	10763.9	2575.1
52.5°	21296.0	21362.2	22844.3	25320.0	27448.0	30196.9	29476.6	21221.5	20294.1	13289.3	3552.1
55°	19093.5	19126.6	20434.9	23920.7	26984.3	29012.9	32258.6	26926.3	25941.0	16435.7	4504.3
57.5°	16973.9	16973.9	17462.4	20559.1	26479.2	28905.2	31927.4	32142.7	31339.5	20029.2	5208.1
60°	12751.1	12833.9	14051.0	16220.4	22836.1	29062.6	31082.9	33807.0	33807.0	25013.7	5746.3
62.5°	6441.8	6566.0	8081.2	10192.6	15665.6	26893.2	31215.3	32970.7	33103.2	29410.3	6971.7
65°	3022.2	3162.9	3974.4	5464.8	8429.0	18927.9	29840.9	32258.6	32217.2	28574.0	9555.0
67.5°	2169.3	2210.7	2484.0	3187.8	4537.4	8296.5	22778.1	30130.7	30147.2	24276.8	10987.5
70°	1945.8	1945.8	2012.0	2219.0	2732.4	3709.4	11070.3	24401.0	25585.0	18745.8	10184.3
72.5°	1920.9	1904.4	1887.8	1896.1	1846.4	1863.0	3800.5	13777.8	15466.9	13115.4	8122.6
75°	1871.3	1871.3	1854.7	1796.7	1473.8	1200.6	1308.2	5572.4	6441.8	8760.2	6027.8
77.5°	1482.1	1631.1	1805.0	1697.4	1349.6	902.5	761.8	1614.6	2036.9	5373.7	4371.8
80°	687.2	695.5	687.2	720.4	861.1	645.8	563.0	786.6	794.9	2980.8	2707.5
82.5°	496.8	505.1	480.2	430.6	380.9	347.8	463.7	579.6	621.0	1366.2	1010.2
85°	149.0	140.8	165.6	223.6	265.0	306.4	389.2	488.5	513.4	505.1	149.0
87.5°	66.2	66.2	82.8	115.9	157.3	231.8	339.5	447.1	455.4	521.6	41.4
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: P1067220

CATALOG NUMBER: NAV-SA6D-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7	198.7
2.5°	207.0	198.7	190.4	182.2	173.9	165.6	157.3	157.3	165.6	165.6	165.6
5°	198.7	190.4	173.9	157.3	149.0	140.8	132.5	132.5	140.8	140.8	140.8
7.5°	198.7	182.2	165.6	149.0	132.5	124.2	115.9	115.9	115.9	124.2	124.2
10°	198.7	182.2	157.3	132.5	115.9	107.6	99.4	91.1	99.4	99.4	99.4
12.5°	190.4	173.9	149.0	124.2	99.4	82.8	74.5	74.5	74.5	74.5	74.5
15°	182.2	165.6	140.8	107.6	82.8	66.2	49.7	49.7	49.7	58.0	58.0
17.5°	173.9	157.3	124.2	82.8	58.0	41.4	33.1	33.1	33.1	41.4	41.4
20°	173.9	149.0	107.6	66.2	41.4	24.8	16.6	16.6	16.6	24.8	33.1
22.5°	173.9	149.0	99.4	49.7	24.8	16.6	8.3	8.3	8.3	8.3	8.3
25°	173.9	140.8	91.1	41.4	16.6	8.3	0.0	0.0	8.3	16.6	24.8
27.5°	173.9	132.5	74.5	24.8	16.6	8.3	0.0	8.3	16.6	16.6	16.6
30°	173.9	132.5	66.2	24.8	8.3	0.0	0.0	8.3	16.6	16.6	24.8
32.5°	182.2	124.2	58.0	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	190.4	115.9	49.7	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	207.0	115.9	33.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	231.8	124.2	33.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	289.8	132.5	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	405.7	165.6	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	596.2	248.4	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	869.4	339.5	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1068.1	339.5	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1059.8	215.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	811.4	149.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	687.2	107.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	828.0	82.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1473.8	74.5	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2368.1	74.5	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2649.6	74.5	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2070.0	66.2	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1134.4	58.0	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	571.3	41.4	16.6	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0
80°	240.1	33.1	16.6	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	82.8	33.1	16.6	16.6	8.3	8.3	0.0	0.0	0.0	0.0	0.0
85°	41.4	24.8	24.8	16.6	16.6	8.3	8.3	0.0	0.0	0.0	0.0
87.5°	24.8	24.8	24.8	16.6	16.6	8.3	8.3	0.0	0.0	0.0	8.3
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

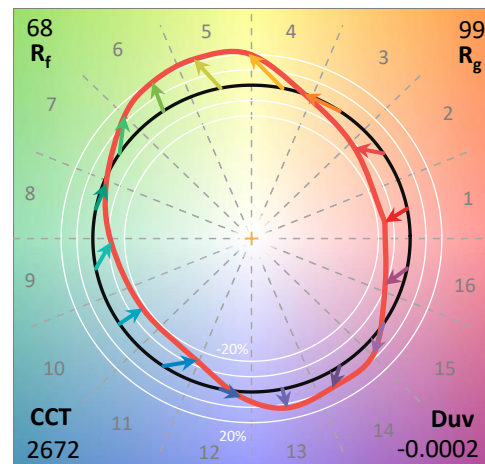
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

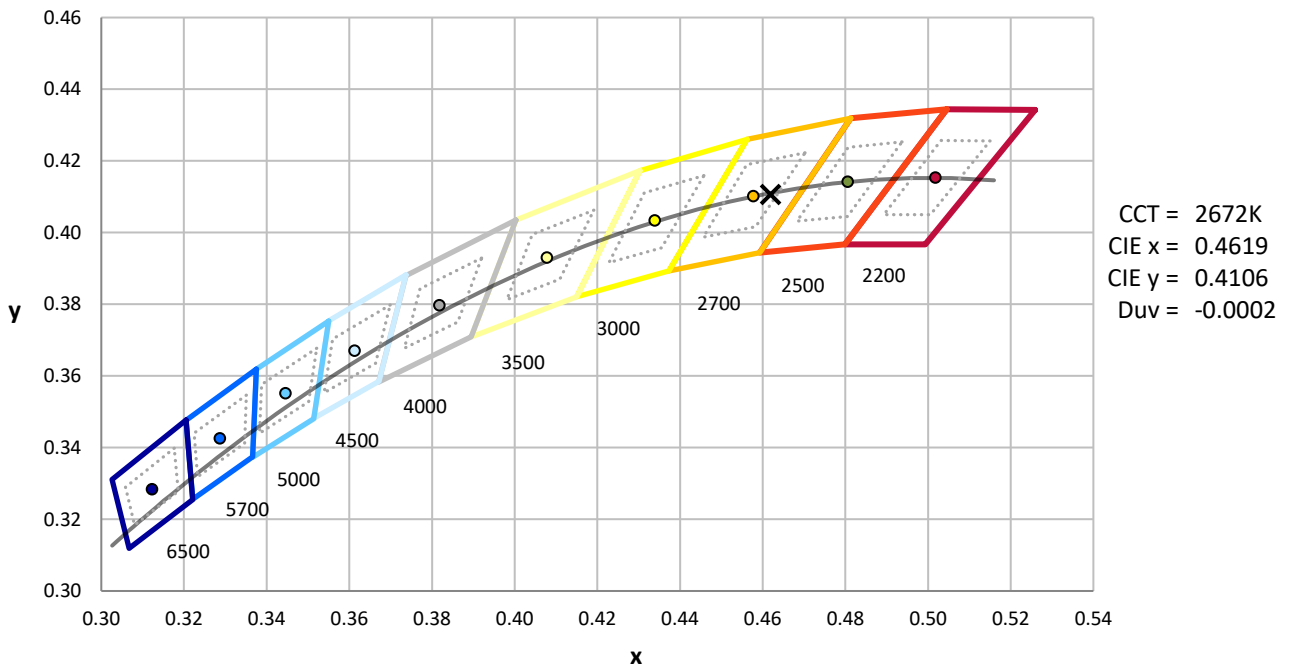
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

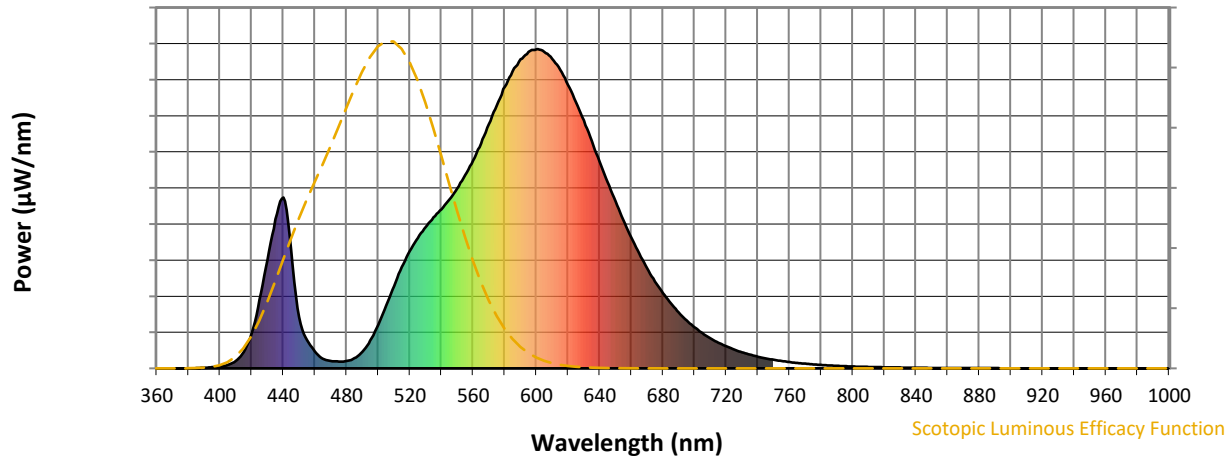


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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			

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			

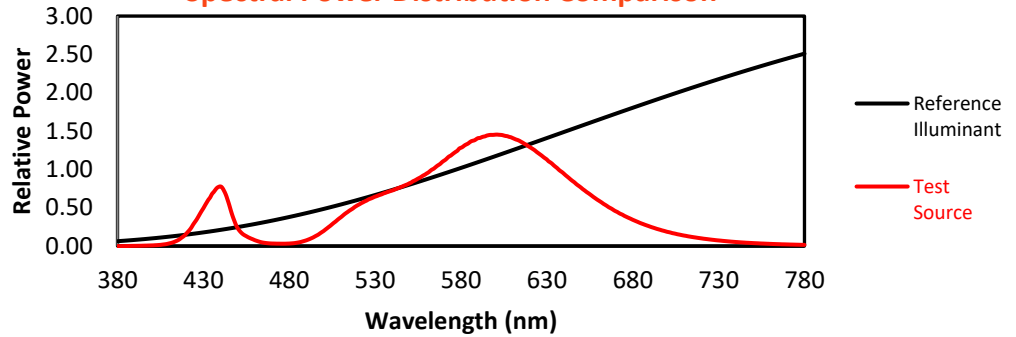
REPORT NUMBER: SP1-2407-184-3

TM-30-18

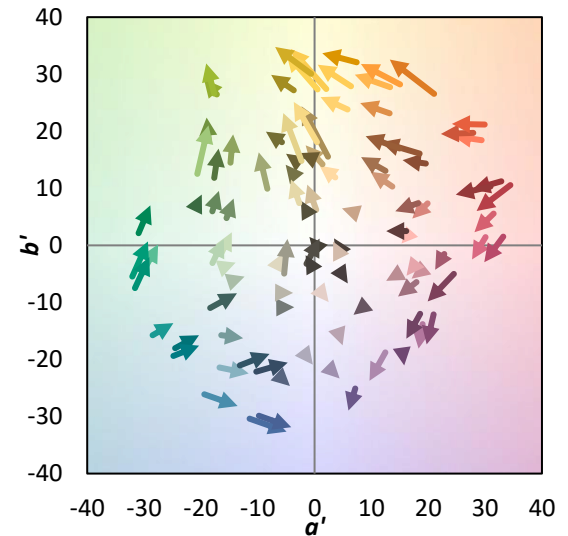
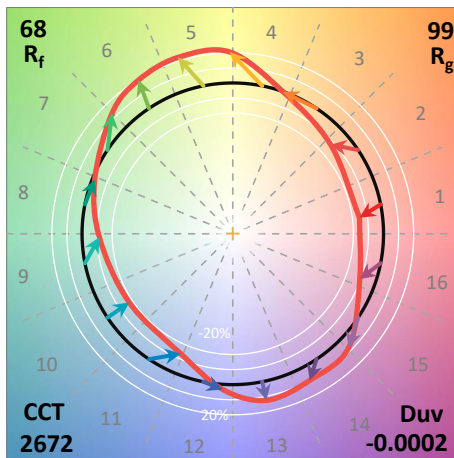
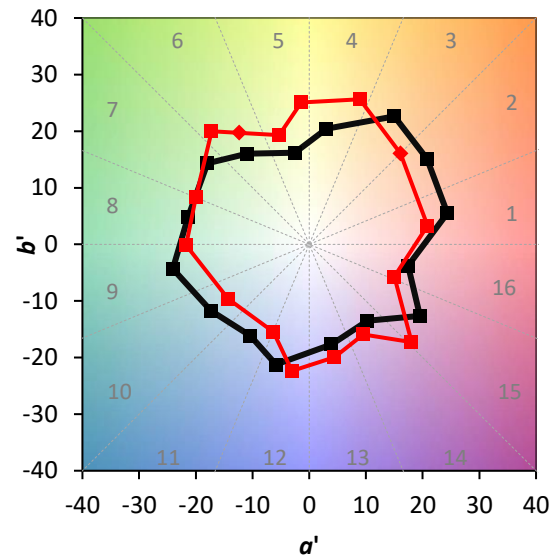
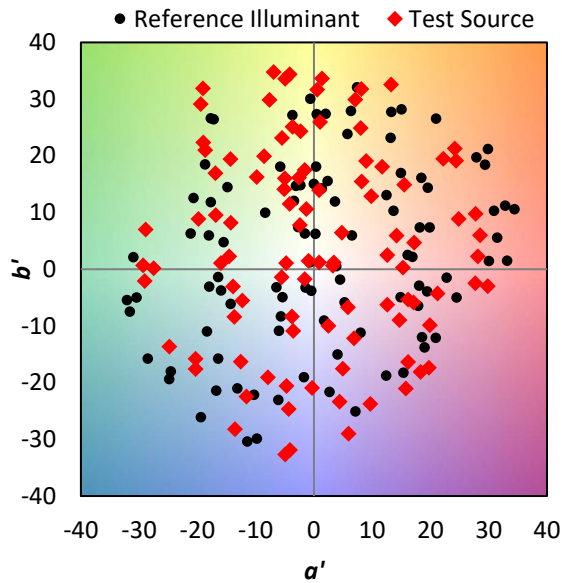
Summary

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

Spectral Power Distribution Comparison

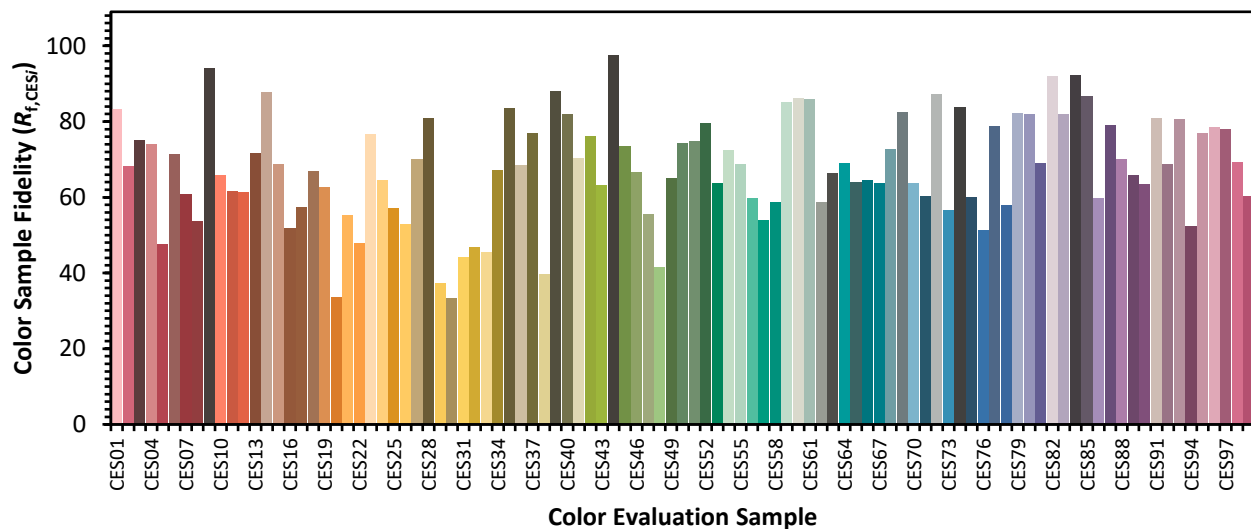


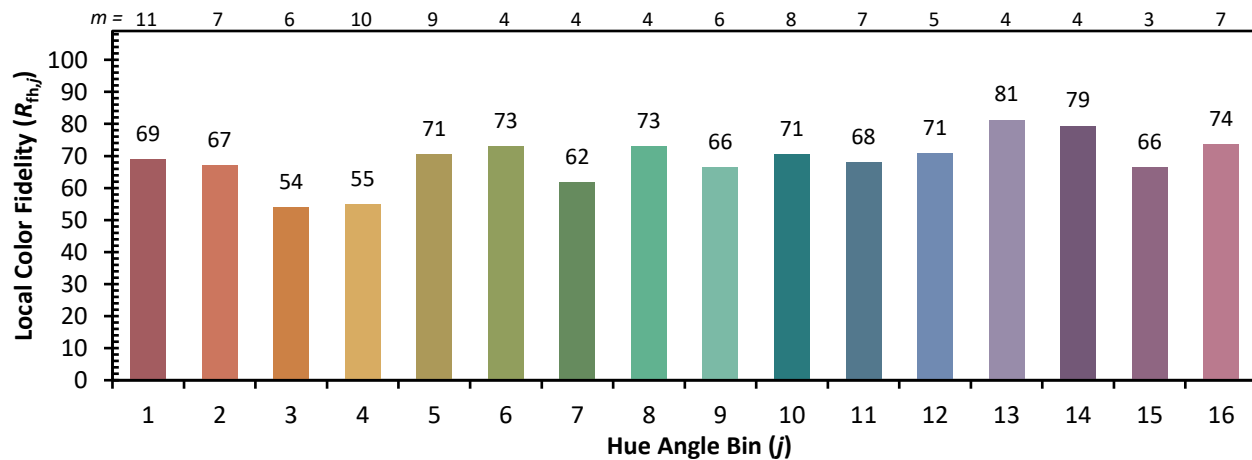
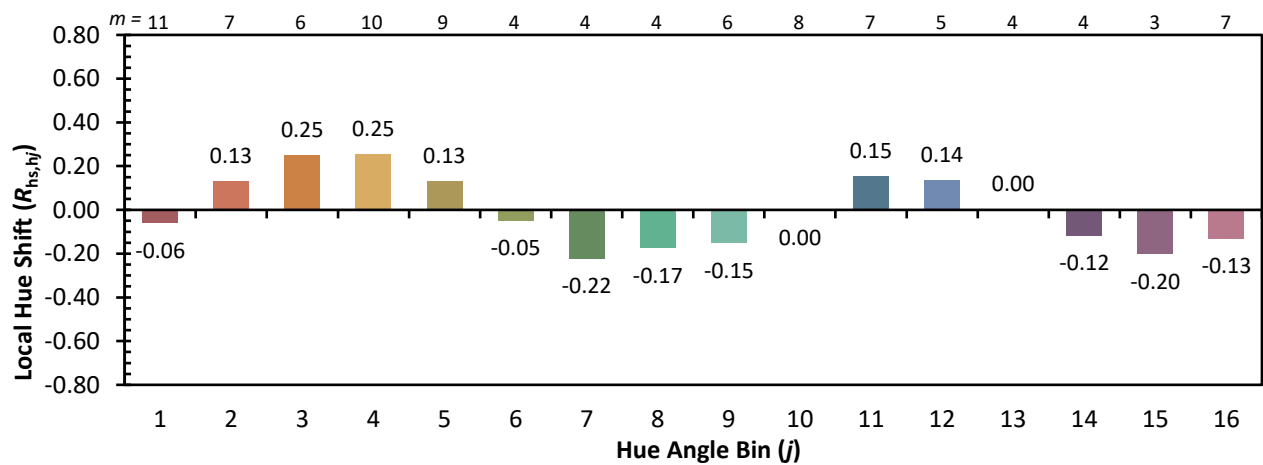
Color Vector Graphics



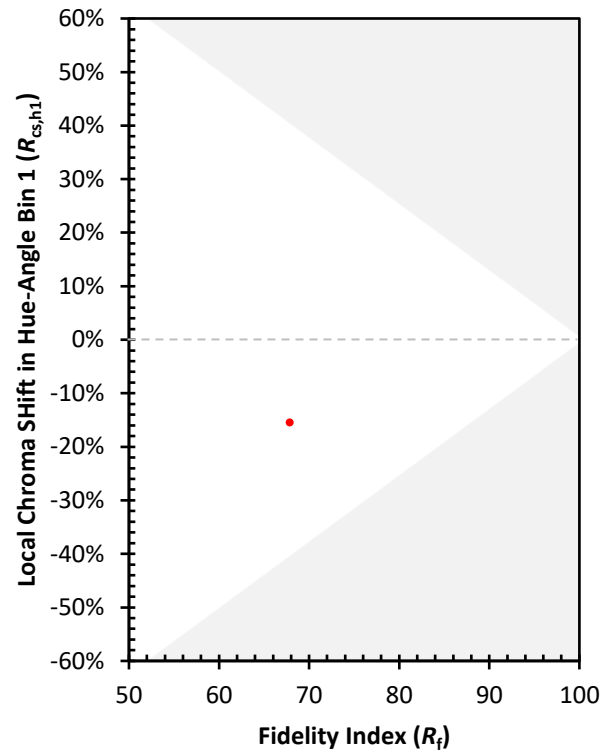
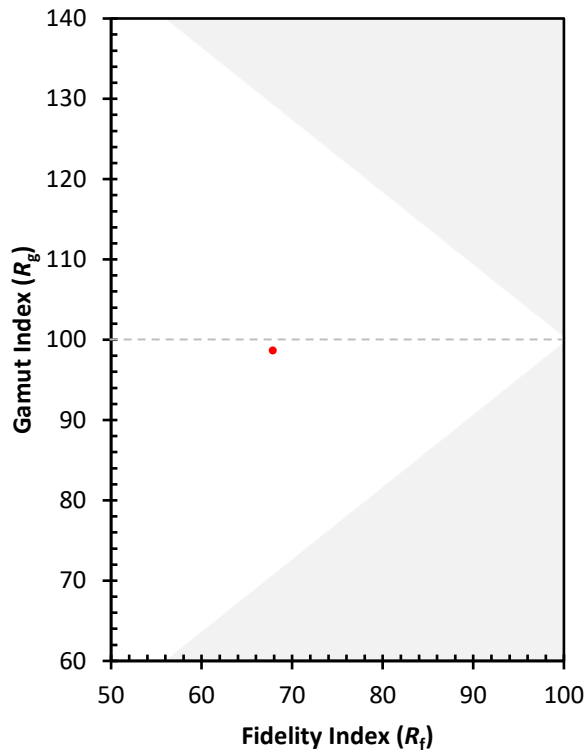
Individual Sample Fidelity Index ($R_{f,i}$)

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)