

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: STREETWORKS

Report Number: P1062749

Luminaire Tested: **GLAN-SA8A-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062749
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8A-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27227.6 lumens
Efficiency: N/A
Efficacy: 125.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 217.6
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

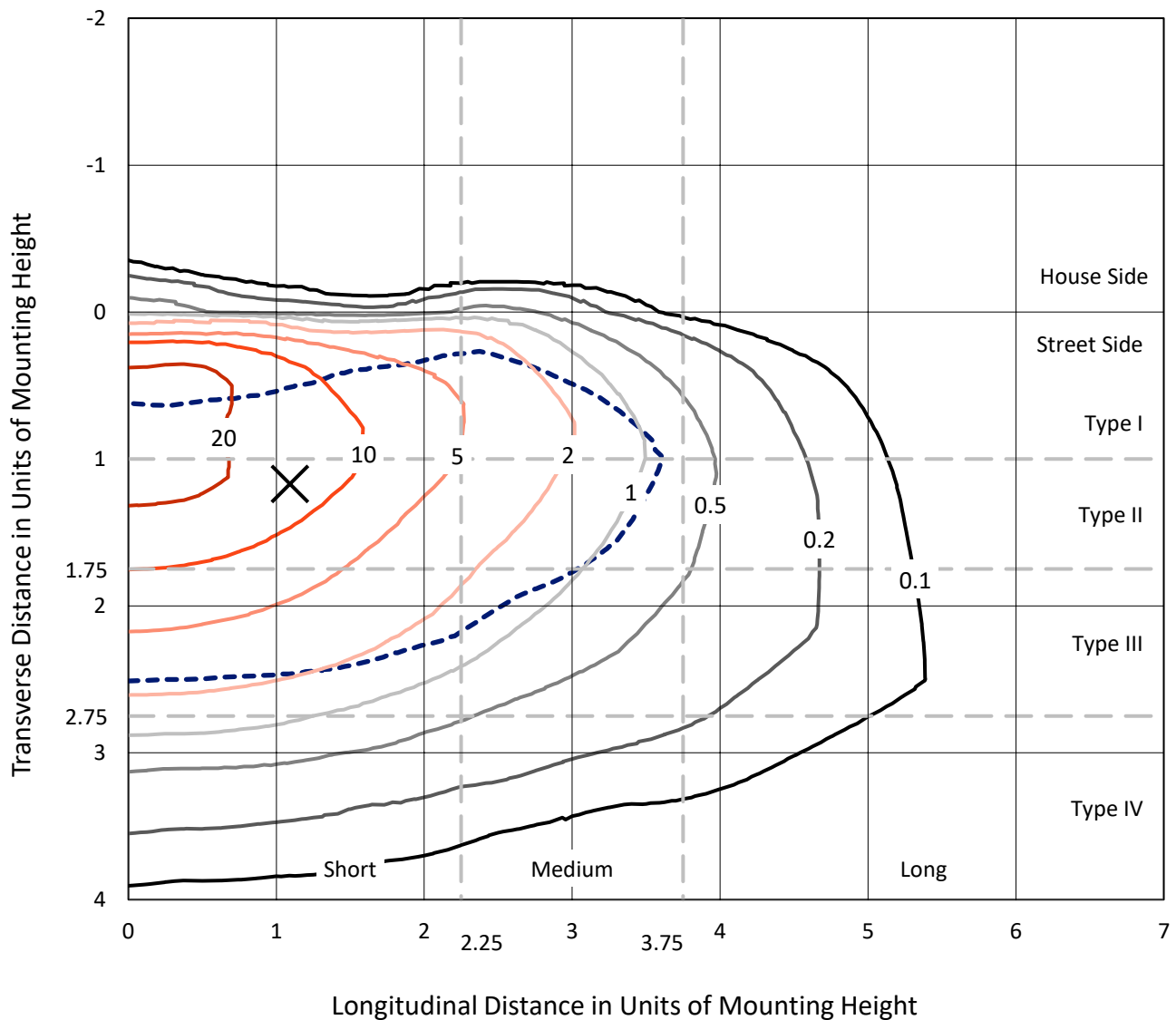


REPORT NUMBER: P1062749

CATALOG NUMBER: GLAN-SA8A-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

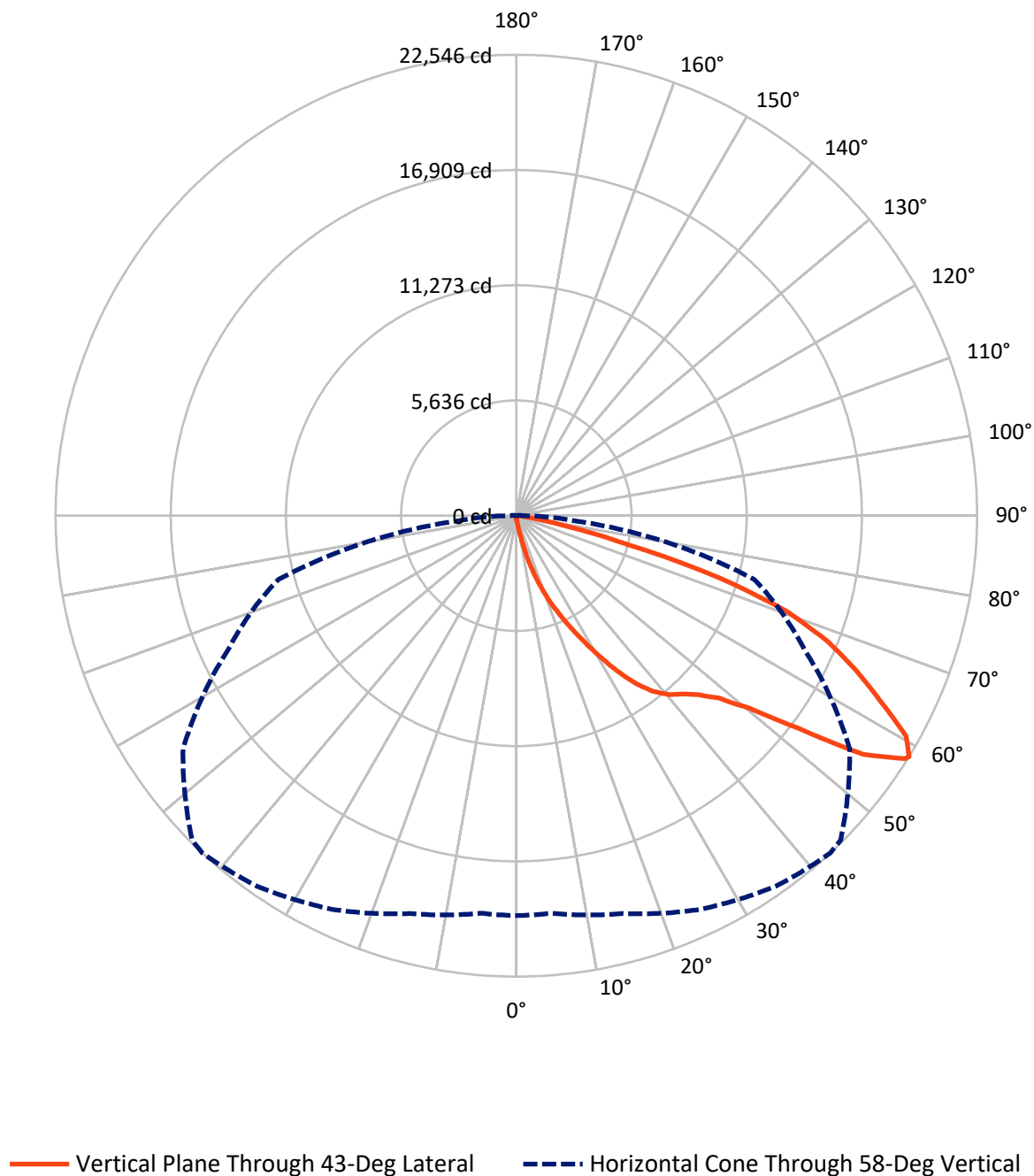


Based on 15 foot mounting height. Maximum calculated value = 30.6 fc
 Type III - Short - N/A

REPORT NUMBER: P1062749

CATALOG NUMBER: GLAN-SA8A-727-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1062749

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	99.4	0.0	99.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27128.2	0.0	27128.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	27227.6	0.0	27227.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	0.1
10°-20°	313.0	1.1
20°-30°	1128.1	4.1
30°-40°	2581.0	9.5
40°-50°	4353.2	16.0
50°-60°	7183.7	26.4
60°-70°	8028.8	29.5
70°-80°	3314.9	12.2
80°-90°	298.8	1.1
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°	27227.6	100.0
0°-180°	27227.6	100.0



REPORT NUMBER: P1062749

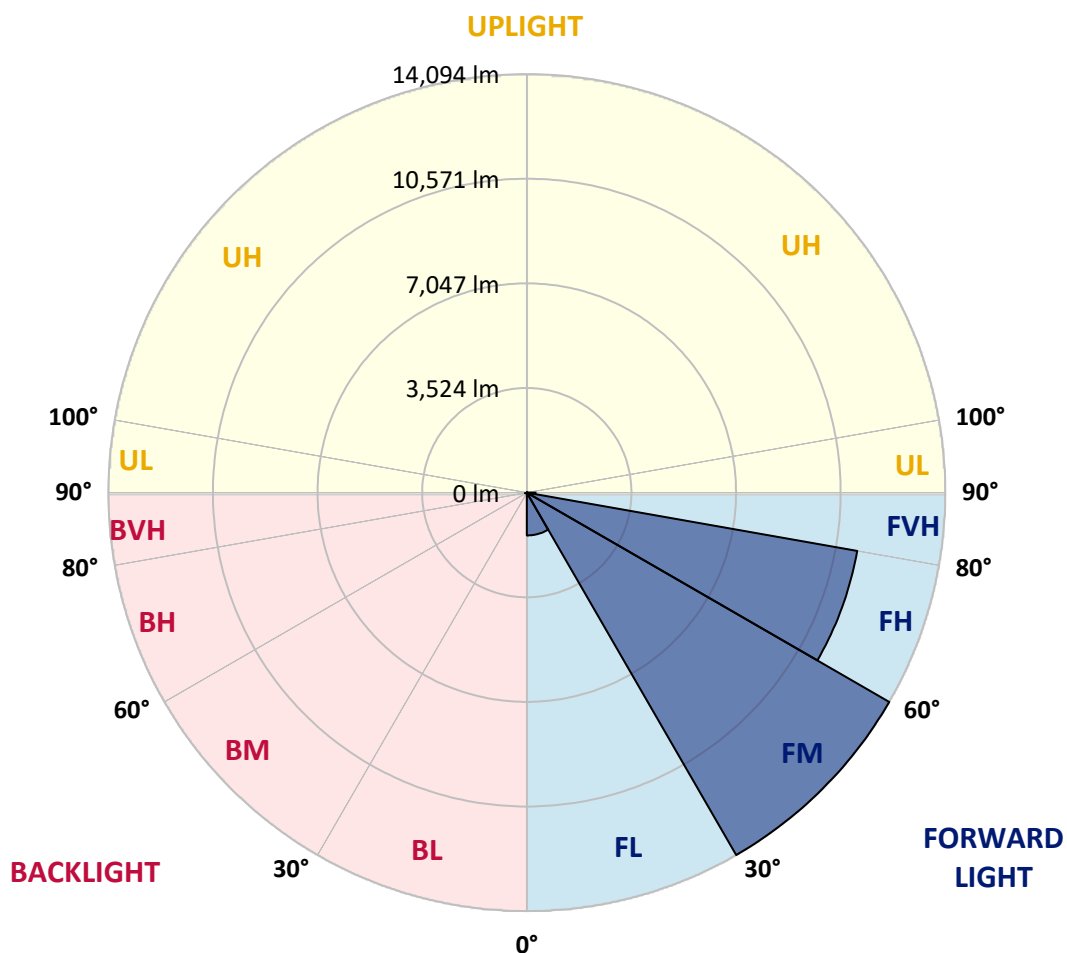
CATALOG NUMBER: GLAN-SA8A-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1441.2	5.3			
FM	(30°-60°)	14094.0	51.8			
FH	(60°-80°)	11298.2	41.5			G4/12000
FVH	(80°-90°)	294.7	1.1			G3/500
BL	(0°-30°)	25.9	0.1	B0/110		
BM	(30°-60°)	23.8	0.1	B0/220		
BH	(60°-80°)	45.5	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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 III Short



REPORT NUMBER: P1062749

CATALOG NUMBER: GLAN-SA8A-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0
2.5°	213.6	220.8	213.6	213.6	213.6	206.5	206.5	199.4	199.4	192.3	185.1
5°	313.3	313.3	292.0	277.7	263.5	256.4	249.2	235.0	220.8	206.5	192.3
7.5°	697.9	697.9	633.8	548.3	434.4	370.3	356.1	292.0	249.2	220.8	192.3
10°	1666.3	1666.3	1523.9	1288.9	997.0	740.6	662.3	420.1	299.1	235.0	199.4
12.5°	2770.1	2805.7	2627.7	2328.6	1894.2	1445.6	1288.9	769.1	398.8	256.4	199.4
15°	3760.0	3674.5	3624.7	3339.8	2926.8	2392.7	2193.3	1296.0	576.8	292.0	199.4
17.5°	4429.3	4429.3	4358.1	4165.9	3788.4	3318.4	3154.7	2093.6	932.9	334.7	206.5
20°	5212.7	5212.7	5084.5	4949.2	4614.5	4215.7	4059.0	2976.6	1445.6	427.3	206.5
22.5°	6159.8	6174.0	6031.6	5789.5	5469.0	5027.5	4892.2	3795.6	2093.6	569.7	213.6
25°	7313.4	7327.6	7121.1	6893.3	6401.9	5924.8	5718.3	4735.6	2884.1	797.6	213.6
27.5°	8588.1	8687.8	8381.6	7989.9	7470.1	6871.9	6715.2	5583.0	3667.4	1125.1	227.9
30°	10176.1	10176.1	9770.2	9221.9	8659.3	7918.7	7719.3	6473.1	4500.6	1559.5	242.1
32.5°	11543.4	11436.5	10916.7	10339.9	9741.7	9051.0	8837.3	7406.0	5355.1	2100.7	270.6
35°	12590.2	12497.6	11856.7	11237.1	10717.3	10083.5	9827.2	8417.2	6259.5	2713.2	313.3
37.5°	13487.4	13451.8	12583.0	11806.8	11465.0	10909.6	10681.7	9371.4	7149.6	3375.4	363.2
40°	14470.1	14356.2	13430.5	12469.1	11956.4	11507.7	11301.2	10140.5	8004.2	4151.6	434.4
42.5°	15310.4	15175.1	14342.0	13402.0	12526.1	11920.8	11721.4	10788.5	8837.3	4927.8	527.0
45°	16243.3	16172.1	15331.8	14619.7	13451.8	12483.3	12219.9	11308.4	9599.3	5853.6	648.0
47.5°	17646.2	17518.0	16734.7	16150.7	14797.7	13337.9	12960.5	11842.4	10332.8	6765.1	833.2
50°	19276.9	19191.5	18728.6	18265.7	16919.8	14797.7	14349.1	12611.5	11151.7	7847.5	1075.3
52.5°	20608.6	20594.3	20651.3	20658.4	19640.1	17254.5	16585.1	13850.6	12091.7	8915.7	1417.1
55°	20580.1	20644.2	21270.8	21990.1	22068.4	20608.6	19960.5	15937.1	13316.5	10233.1	1894.2
57.5°	19811.0	19761.1	20423.4	21505.8	22267.8	22424.4	22317.6	19177.2	15160.9	11821.1	2627.7
58°	19561.7	19519.0	20145.7	21249.5	22125.4	22545.5	22438.7	19910.7	15573.9	12049.0	2827.1
60°	18657.4	18664.5	19034.8	20038.9	20914.8	21911.7	22011.4	22004.3	17631.9	13572.9	3831.2
62.5°	17461.0	17404.0	17745.9	18564.8	19333.9	20003.3	20174.2	22146.7	20644.2	15509.8	5746.8
65°	15808.9	15723.5	16086.6	17012.4	17838.4	18272.8	18279.9	20238.3	22061.3	17589.2	8481.3
67.5°	12739.7	12668.5	13394.8	14584.1	15858.8	16428.5	16684.8	17560.7	20864.9	18999.2	10047.9
70°	7804.8	7954.3	8965.5	10831.2	13010.3	14057.1	14441.7	14712.3	17767.2	18785.5	8402.9
72.5°	3603.3	3425.3	4286.9	5590.1	8075.4	10404.0	10802.8	11863.8	14085.6	16307.4	6266.6
75°	1680.6	1616.5	1815.9	2442.5	3660.3	5618.6	6344.9	9471.1	10802.8	11344.0	4521.9
77.5°	861.7	868.8	1032.6	1110.9	1509.7	2599.2	2983.8	6231.0	7918.7	6330.7	3033.6
80°	377.4	391.7	398.8	434.4	612.4	1004.1	1132.3	2891.2	5412.1	3225.9	1659.2
82.5°	242.1	249.2	249.2	249.2	292.0	398.8	455.8	1160.7	2698.9	1602.3	512.7
85°	128.2	128.2	142.4	178.0	206.5	242.1	256.4	370.3	890.1	477.1	121.1
87.5°	71.2	78.3	85.5	106.8	135.3	163.8	178.0	256.4	341.8	327.6	28.5
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: P1062749

CATALOG NUMBER: GLAN-SA8A-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0	178.0
2.5°	185.1	178.0	170.9	163.8	156.7	149.5	149.5	149.5	149.5	149.5	149.5
5°	178.0	170.9	163.8	149.5	135.3	128.2	121.1	113.9	113.9	113.9	113.9
7.5°	178.0	170.9	149.5	135.3	121.1	106.8	92.6	92.6	92.6	92.6	92.6
10°	178.0	163.8	142.4	121.1	99.7	85.5	78.3	71.2	71.2	71.2	71.2
12.5°	178.0	156.7	135.3	106.8	85.5	71.2	64.1	57.0	57.0	57.0	57.0
15°	178.0	156.7	128.2	99.7	78.3	57.0	49.8	42.7	42.7	42.7	42.7
17.5°	170.9	149.5	121.1	85.5	64.1	42.7	35.6	28.5	28.5	35.6	35.6
20°	163.8	142.4	106.8	71.2	49.8	35.6	21.4	21.4	21.4	21.4	21.4
22.5°	163.8	142.4	99.7	64.1	42.7	21.4	14.2	14.2	14.2	14.2	21.4
25°	163.8	135.3	85.5	49.8	28.5	14.2	7.1	7.1	7.1	7.1	7.1
27.5°	163.8	135.3	78.3	42.7	21.4	14.2	7.1	0.0	0.0	0.0	0.0
30°	156.7	128.2	71.2	35.6	14.2	7.1	0.0	0.0	0.0	0.0	0.0
32.5°	156.7	121.1	57.0	28.5	14.2	7.1	0.0	0.0	0.0	0.0	0.0
35°	163.8	113.9	49.8	21.4	7.1	0.0	0.0	0.0	0.0	0.0	7.1
37.5°	170.9	106.8	42.7	14.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	178.0	99.7	42.7	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	192.3	99.7	35.6	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	206.5	99.7	28.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	235.0	106.8	28.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	256.4	113.9	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	284.8	106.8	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	320.5	106.8	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	348.9	99.7	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	363.2	92.6	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	434.4	85.5	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	676.5	71.2	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1374.4	64.1	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2563.6	57.0	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2869.8	64.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1808.8	49.8	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	954.2	49.8	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	477.1	49.8	7.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	220.8	35.6	7.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	92.6	21.4	14.2	7.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	42.7	21.4	14.2	14.2	7.1	7.1	0.0	0.0	0.0	0.0	0.0
87.5°	21.4	21.4	21.4	14.2	14.2	7.1	7.1	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

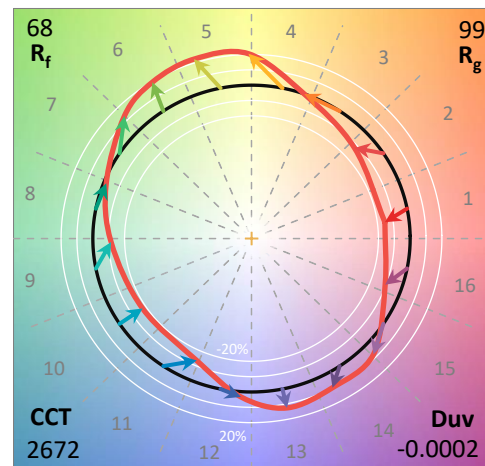
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

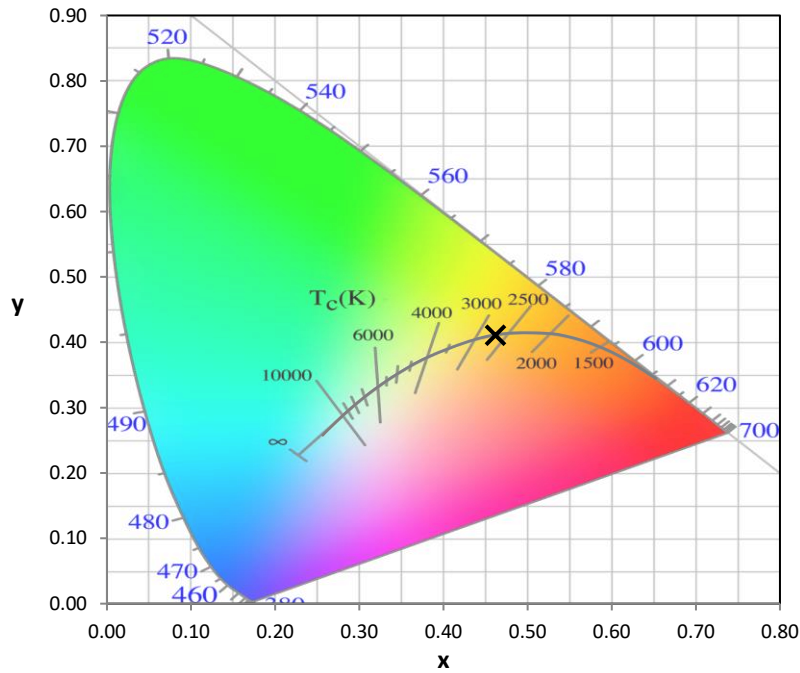
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

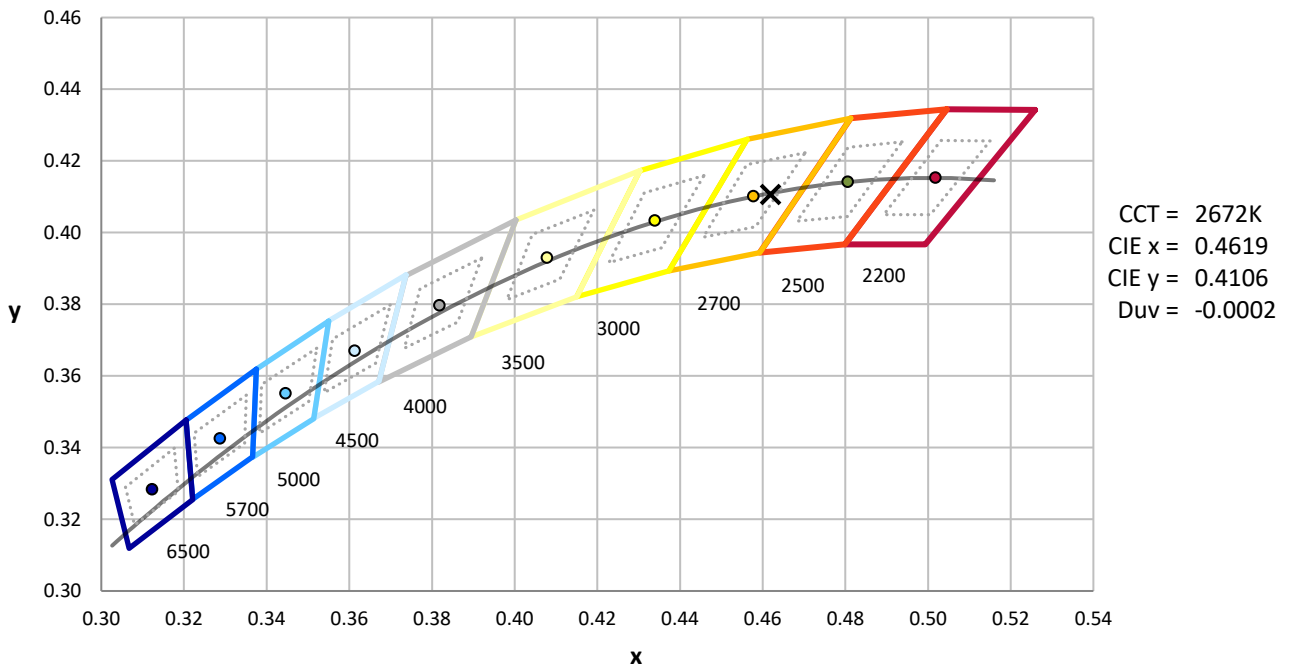
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



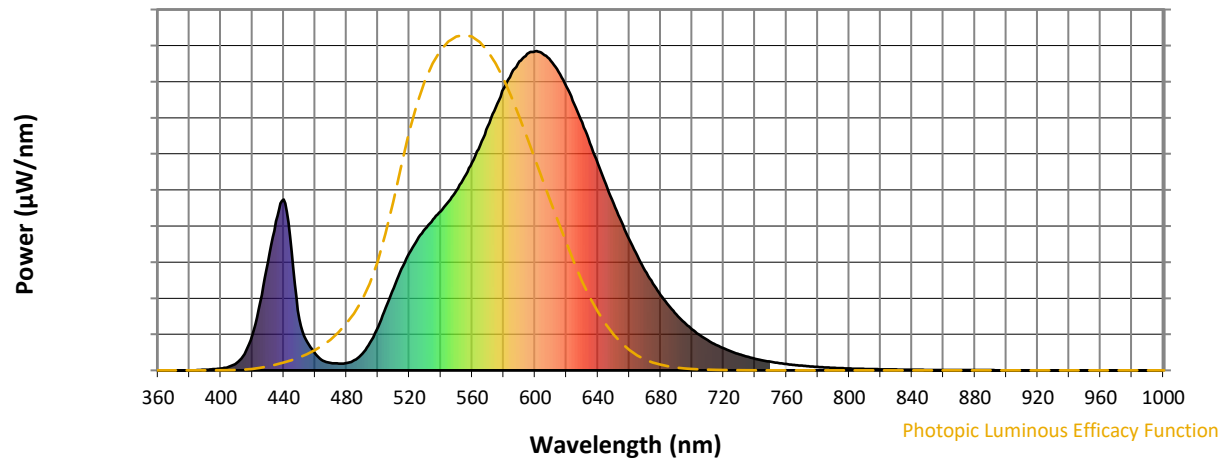
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

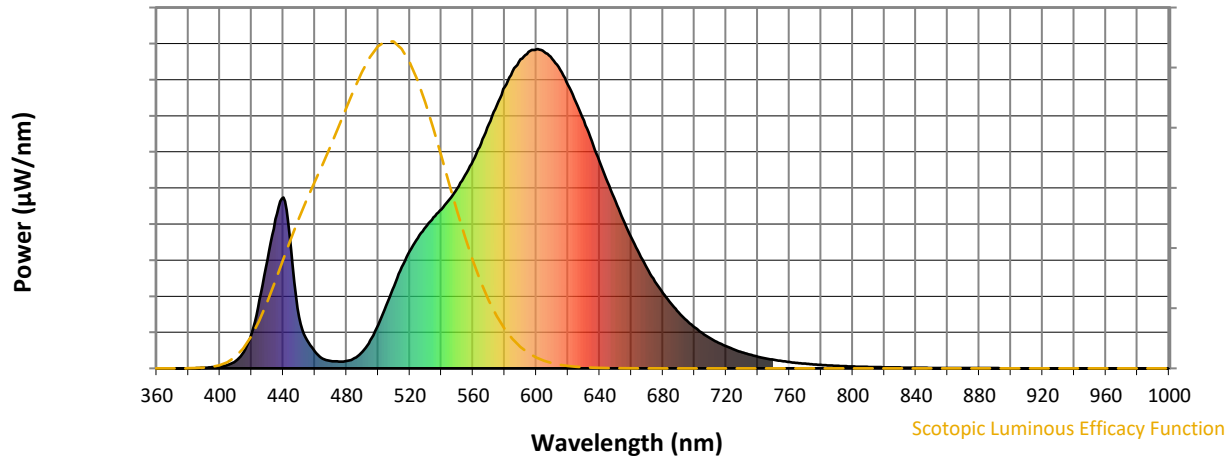


Photopic Lumens: NR

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



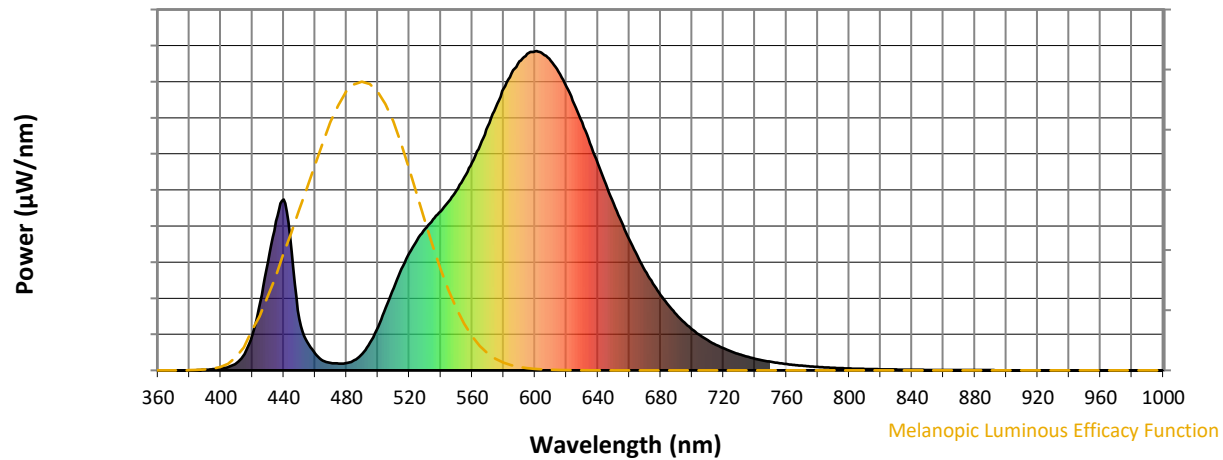
Scotopic Lumens: NR

S/P: 1.02

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

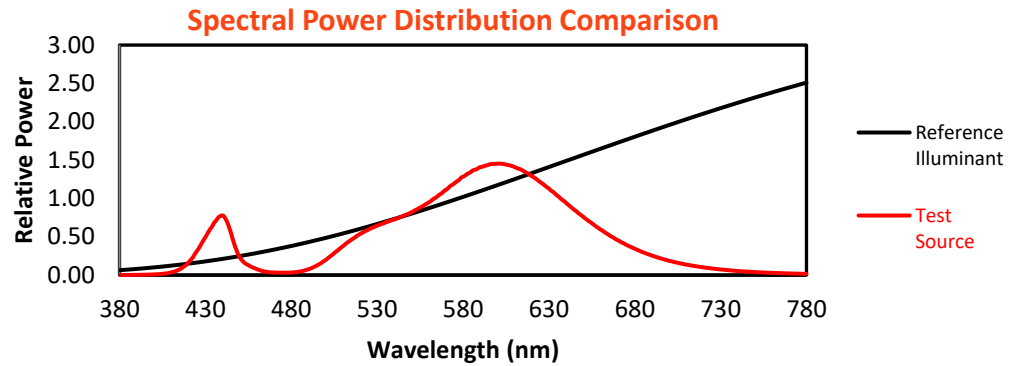
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	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

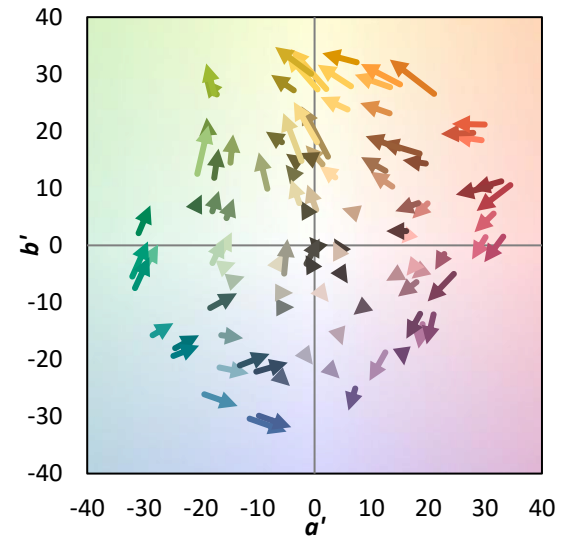
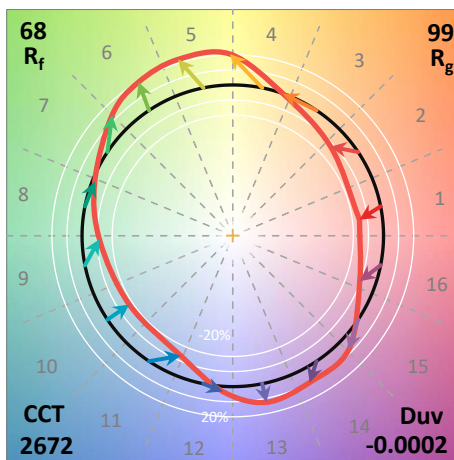
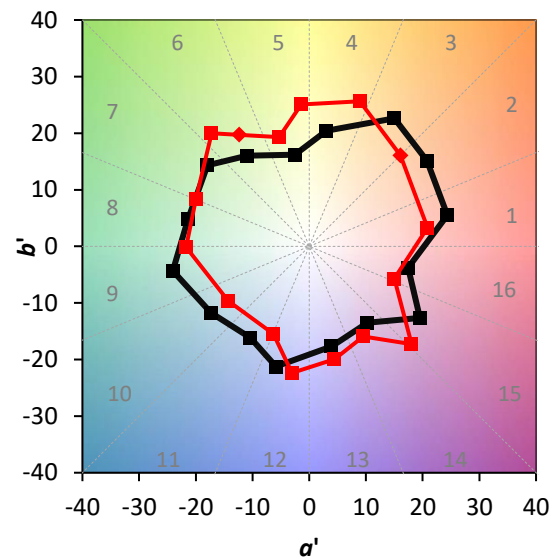
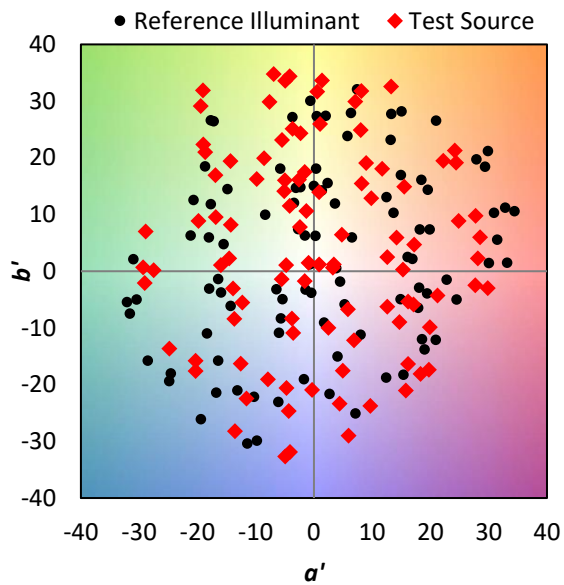
TM-30-18

Summary

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

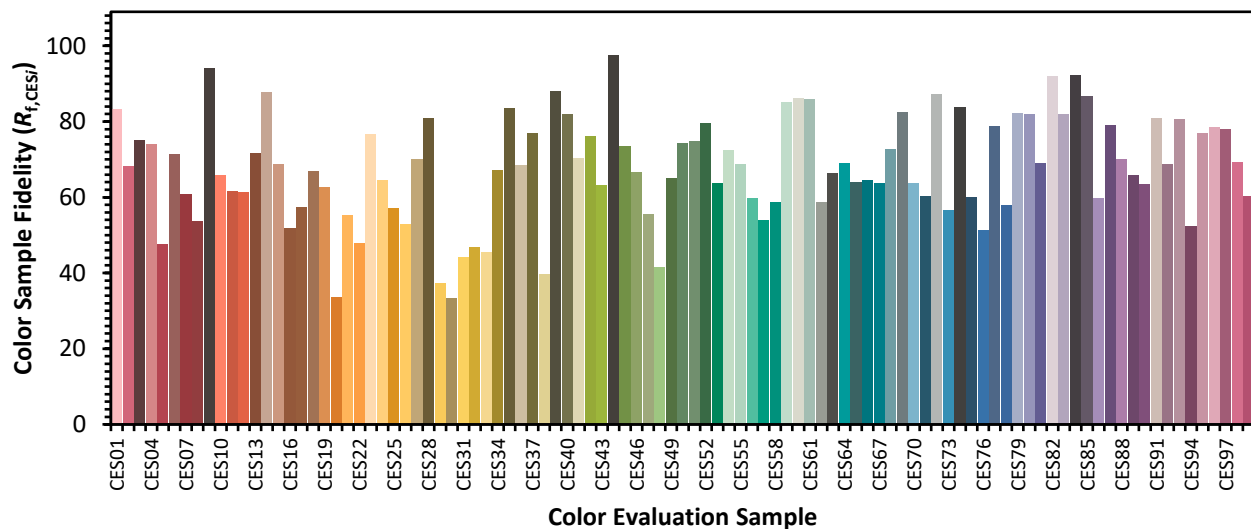


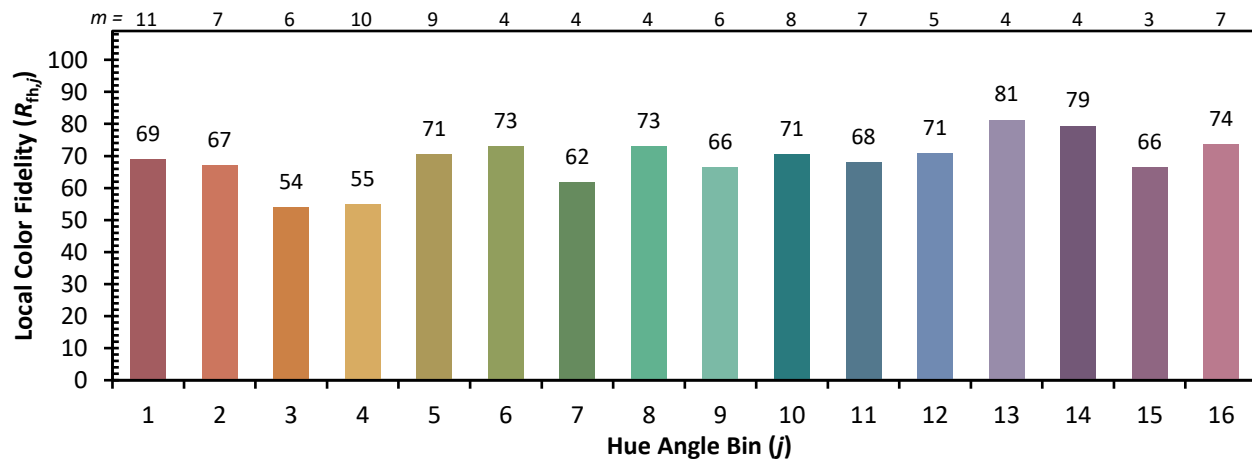
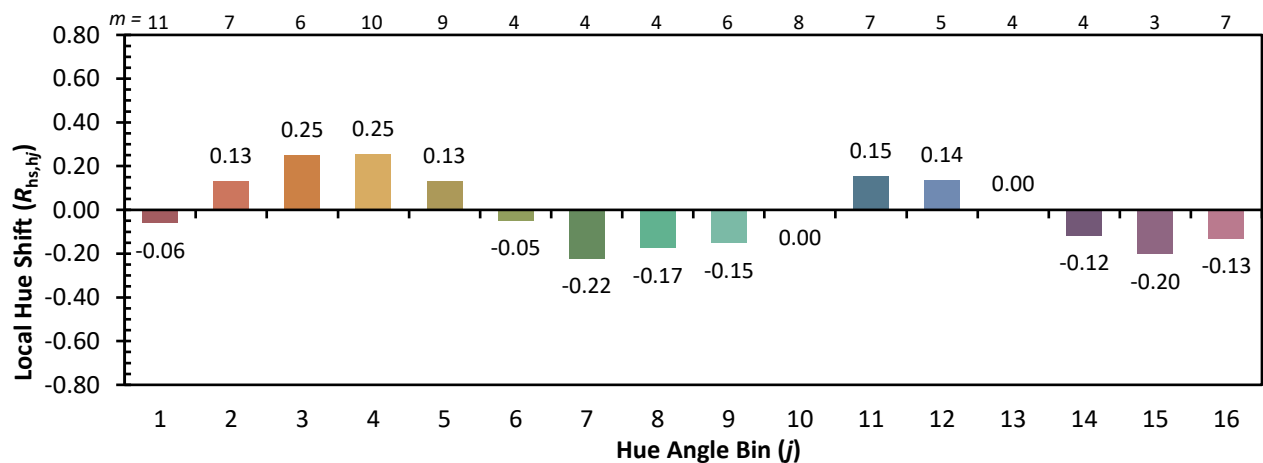
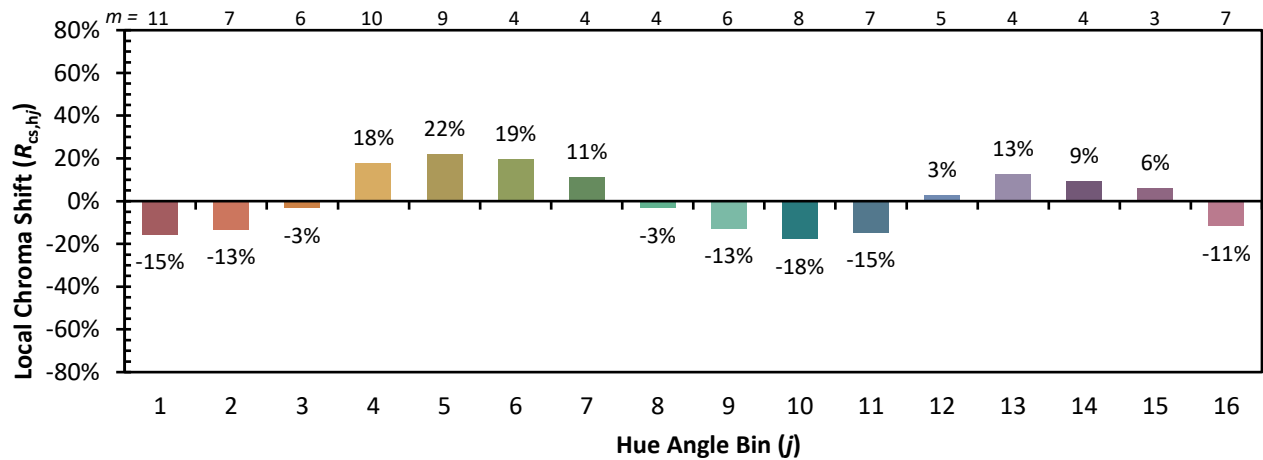
Color Vector Graphics



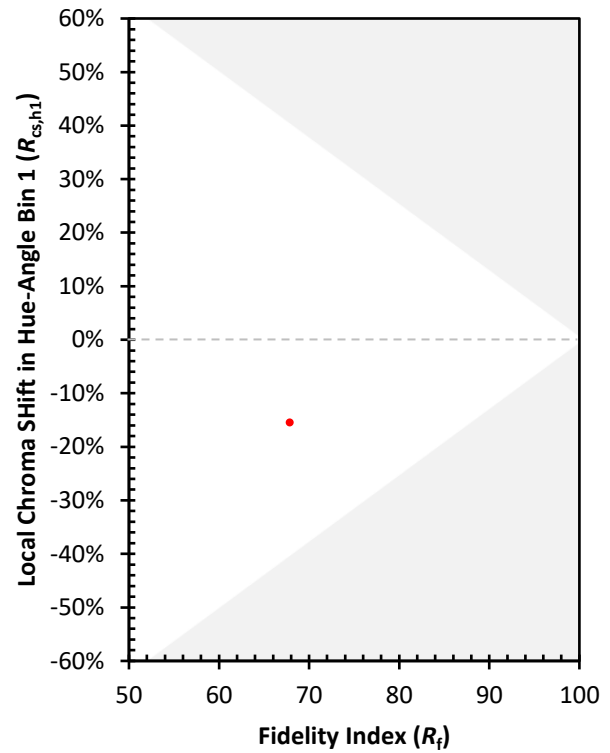
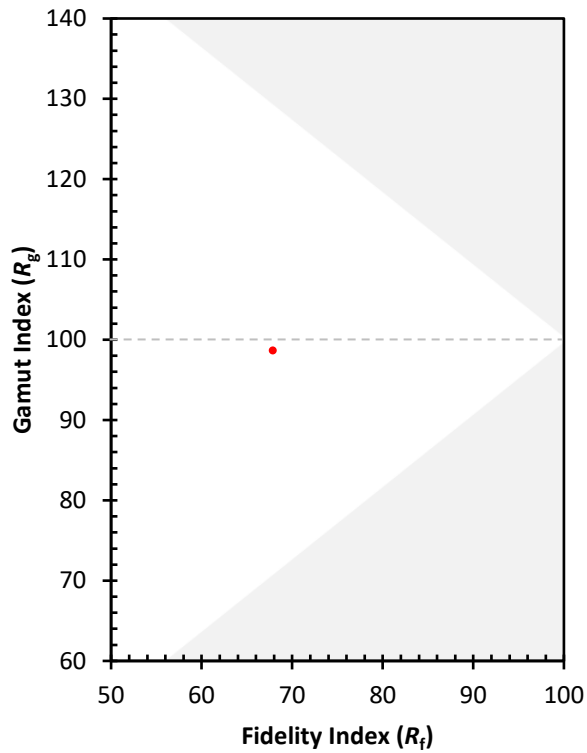
Individual Sample Fidelity Index ($R_{f,i}$)

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)