

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: P1048413

Luminaire Tested: **GALN-SA9A-735-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048413
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-735-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32104.1 lumens
Efficiency: N/A
Efficacy: 131.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 244.6
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



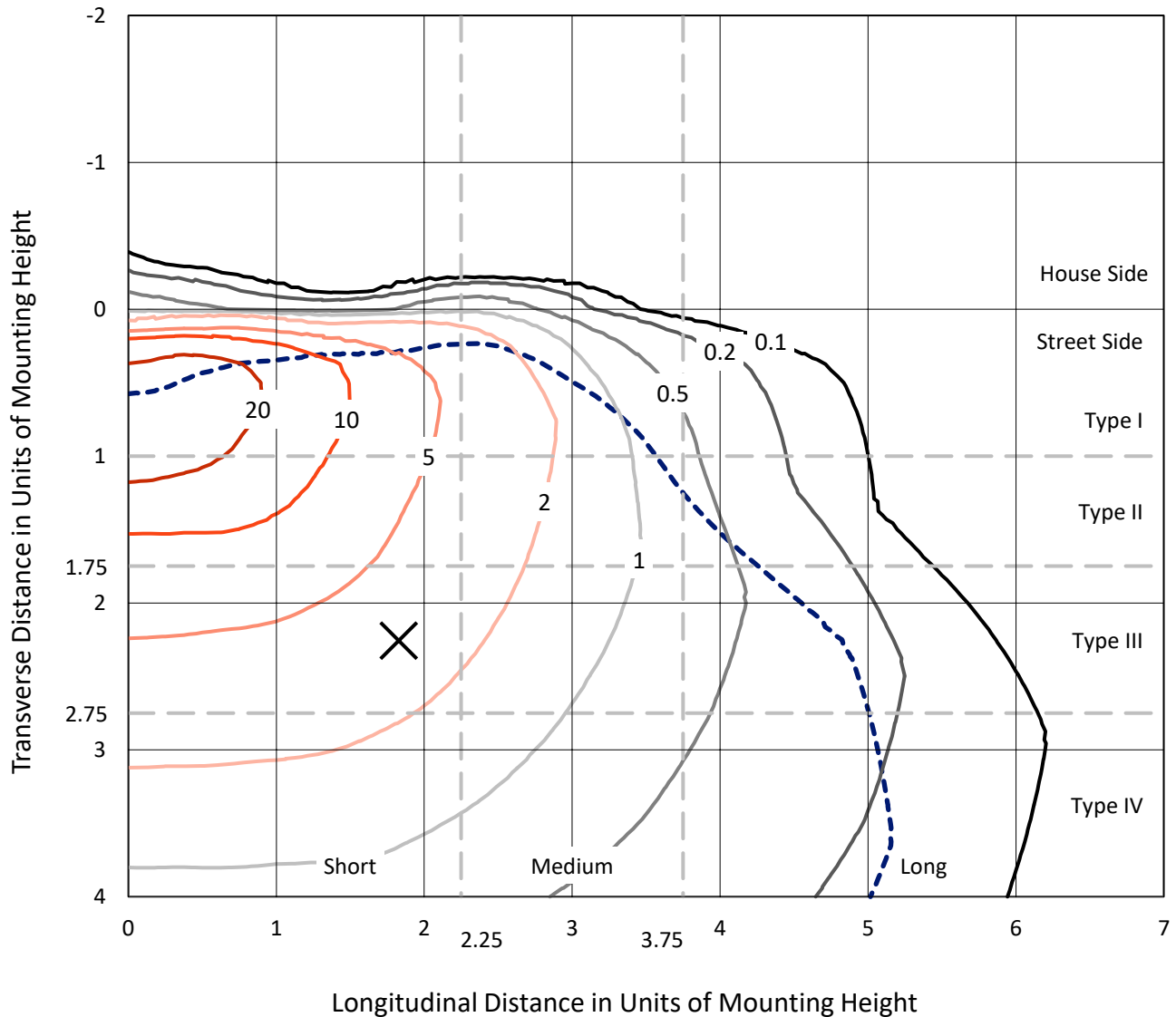
REPORT NUMBER: P1048413

CATALOG NUMBER: GALN-SA9A-735-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

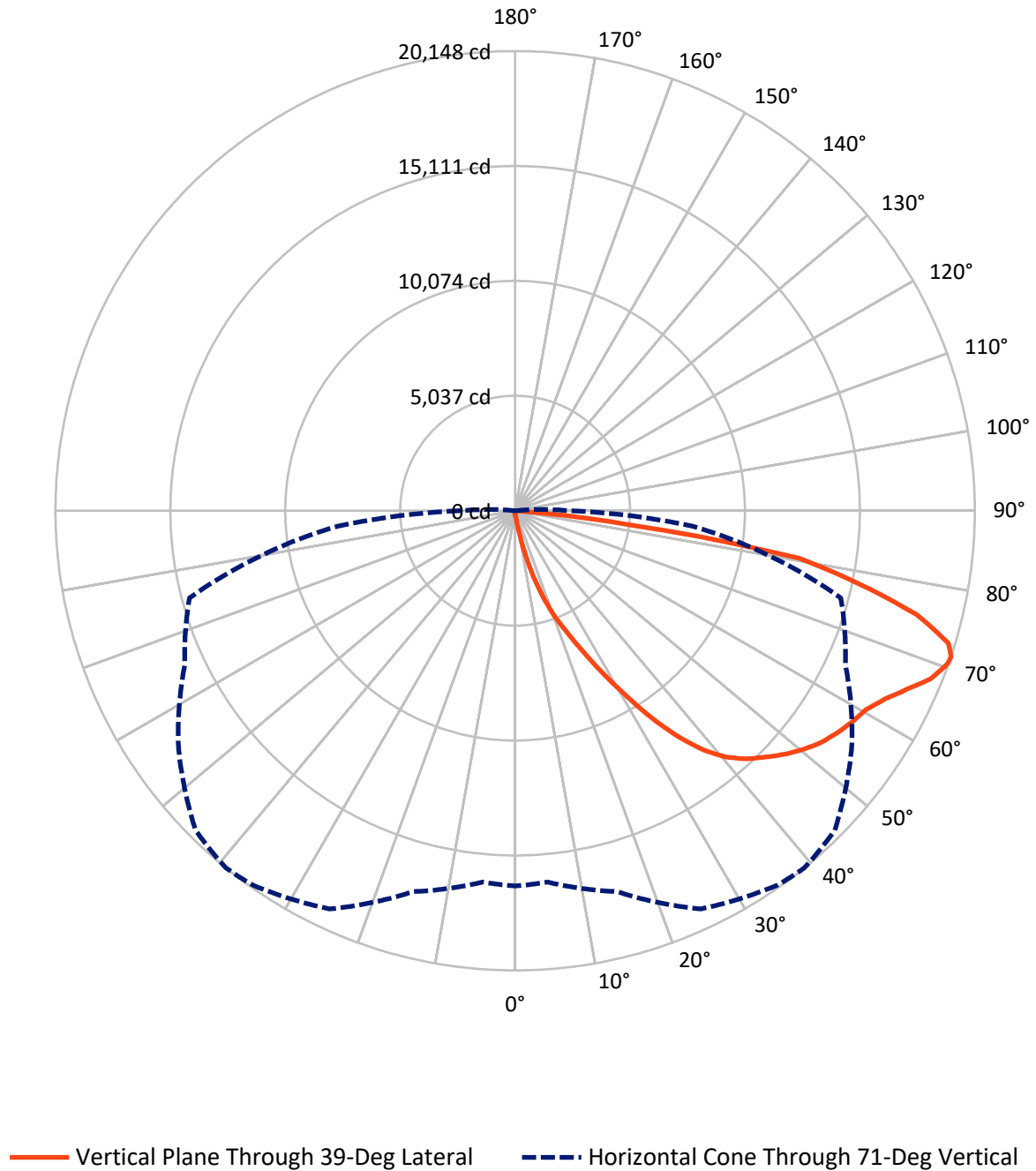


Based on 15 foot mounting height. Maximum calculated value = 33 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	114.1	0.0	114.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31990.0	0.0	31990.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	32104.1	0.0	32104.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	0.1
10°-20°	343.1	1.1
20°-30°	1222.0	3.8
30°-40°	2945.0	9.2
40°-50°	4928.8	15.4
50°-60°	6330.4	19.7
60°-70°	8011.2	25.0
70°-80°	7142.3	22.2
80°-90°	1154.5	3.6
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°	32104.1	100.0
0°-180°	32104.1	100.0



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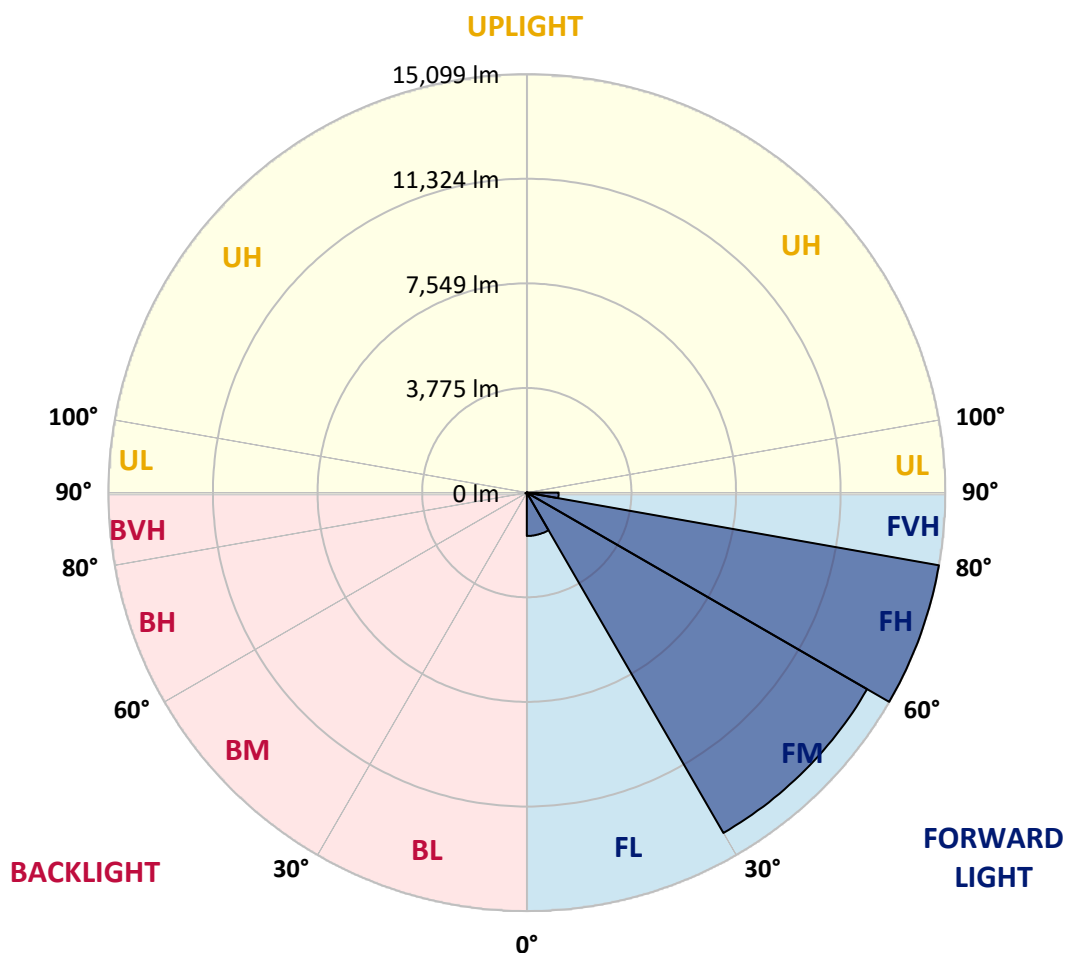
CATALOG NUMBER: GALN-SA9A-735-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1564.3	4.9			
FM	(30°-60°)	14177.8	44.2			
FH	(60°-80°)	15098.6	47.0			G5
FVH	(80°-90°)	1149.3	3.6			G5
BL	(0°-30°)	27.6	0.1	B0/110		
BM	(30°-60°)	26.4	0.1	B0/220		
BH	(60°-80°)	54.9	0.2	B0/110		G0/110
BVH	(80°-90°)	5.2	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0
2.5°	202.1	202.1	202.1	195.6	195.6	193.4	191.2	191.2	186.9	184.7	180.4
5°	306.4	299.9	284.7	276.0	258.6	247.8	236.9	221.7	206.5	195.6	182.6
7.5°	693.3	708.5	658.5	565.1	469.4	428.1	358.6	289.0	239.1	206.5	184.7
10°	1766.9	1758.2	1588.7	1401.8	1082.3	954.1	747.6	471.6	308.6	226.0	186.9
12.5°	3005.6	2996.9	2797.0	2542.7	2121.1	1853.8	1462.6	880.2	443.3	256.4	186.9
15°	4046.6	4011.9	3948.8	3696.7	3203.4	2979.6	2462.3	1556.1	717.2	308.6	191.2
17.5°	4735.6	4705.1	4646.5	4555.2	4242.2	3977.1	3562.0	2444.9	1160.5	399.9	199.9
20°	5368.0	5346.3	5298.4	5281.1	5078.9	4937.7	4594.3	3466.4	1808.2	543.3	213.0
22.5°	6237.3	6191.7	6211.2	6106.9	5909.1	5739.6	5528.8	4535.6	2599.2	782.4	236.9
25°	7302.2	7280.5	7226.1	7152.2	6878.4	6730.6	6406.8	5544.0	3483.8	1095.3	263.0
27.5°	8588.8	8564.9	8551.8	8382.3	8067.2	7906.4	7454.3	6495.9	4479.1	1534.3	297.7
30°	10071.0	10081.8	9997.1	9779.7	9412.4	9186.4	8721.3	7493.4	5498.4	2049.4	334.7
32.5°	11605.3	11583.6	11453.2	11196.7	10868.5	10657.7	10066.6	8586.6	6567.6	2729.6	378.1
35°	13259.1	13217.9	12874.5	12581.1	12300.7	12035.6	11496.6	9855.8	7636.9	3492.5	436.8
37.5°	14928.2	14734.8	14045.9	13674.2	13480.8	13263.5	12761.5	11209.7	8699.6	4344.4	508.5
40°	16188.7	16038.8	15221.6	14537.0	14382.7	14198.0	13824.2	12379.0	9829.7	5259.3	595.5
42.5°	16886.3	16803.8	16069.2	15393.3	15030.4	14867.4	14547.9	13400.4	10946.8	6269.9	721.5
45°	17184.1	17055.9	16564.7	16249.6	15671.5	15402.0	15021.7	14171.9	12113.8	7417.4	897.6
47.5°	17092.8	17018.9	16666.8	16782.0	16362.6	15943.1	15384.6	14763.1	13111.4	8734.4	1138.8
50°	16519.1	16456.0	16347.4	16971.1	16918.9	16423.4	15854.0	15230.3	13926.3	10092.7	1512.6
52.5°	15428.1	15402.0	15680.2	16823.3	17234.1	16847.2	16306.1	15643.2	14687.0	11511.8	2047.2
55°	14022.0	14128.5	14923.9	16592.9	17394.9	17160.2	16706.0	16030.1	15297.7	12781.0	2836.1
57.5°	13443.9	13472.1	14465.3	16430.0	17466.6	17436.2	17095.0	16399.5	15858.4	13795.9	4040.1
60°	14119.8	14076.3	14600.1	16553.8	17610.0	17683.9	17440.5	16742.9	16345.2	14667.4	5644.0
62.5°	15341.1	15317.2	15484.6	17081.9	18029.5	18179.4	17920.8	16990.7	16775.5	15241.2	7473.9
65°	16432.1	16382.1	16692.9	18018.6	18766.2	18872.7	18646.7	17414.4	16964.6	15658.4	9192.9
67.5°	16903.7	16892.9	17392.7	18909.7	19539.9	19655.1	19457.3	17999.1	16921.1	15791.0	9951.4
70°	16688.6	16647.3	17447.0	19287.8	19976.7	20107.1	19915.9	18216.4	16449.5	15371.6	8827.8
71°	16451.7	16340.8	17284.0	19261.7	20037.6	20148.4	19813.7	18018.6	15975.7	14776.1	7808.6
72.5°	15717.1	15736.7	16836.4	18990.1	19892.0	19859.4	19235.6	17310.1	15404.2	13424.3	6272.1
75°	13909.0	14024.1	15386.8	17849.1	18592.4	18177.3	17223.2	15956.2	14256.7	9625.4	4355.2
77.5°	11366.2	11537.9	13035.3	15654.1	15443.3	15402.0	15362.9	14058.9	12174.7	5170.2	3029.5
80°	5426.7	5798.3	7862.9	11175.0	12139.9	12607.2	12313.8	11329.3	9414.6	2462.3	1810.3
82.5°	354.2	349.9	495.5	938.9	3957.5	5115.9	8128.0	8097.6	6563.3	1199.6	738.9
85°	167.3	171.7	189.1	215.2	249.9	273.8	378.1	2216.7	3140.4	571.6	160.8
87.5°	97.8	100.0	117.4	150.0	195.6	217.3	258.6	332.5	408.6	315.1	34.8
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0
2.5°	178.2	176.0	169.5	163.0	156.5	152.1	150.0	152.1	152.1	154.3	154.3
5°	178.2	171.7	160.8	147.8	139.1	130.4	126.0	123.9	126.0	126.0	126.0
7.5°	176.0	165.2	150.0	134.7	123.9	113.0	108.7	106.5	106.5	108.7	108.7
10°	171.7	160.8	141.3	123.9	110.8	97.8	91.3	84.8	84.8	84.8	86.9
12.5°	169.5	154.3	130.4	113.0	95.6	80.4	67.4	60.9	63.0	63.0	63.0
15°	165.2	147.8	123.9	102.1	80.4	60.9	50.0	43.5	45.6	47.8	45.6
17.5°	165.2	145.6	115.2	89.1	63.0	45.6	36.9	32.6	32.6	34.8	34.8
20°	165.2	141.3	108.7	76.1	47.8	34.8	26.1	23.9	23.9	28.3	30.4
22.5°	169.5	141.3	100.0	63.0	39.1	26.1	19.6	17.4	19.6	23.9	26.1
25°	176.0	139.1	91.3	56.5	32.6	19.6	15.2	10.9	13.0	17.4	19.6
27.5°	182.6	136.9	82.6	50.0	26.1	15.2	10.9	8.7	6.5	8.7	8.7
30°	189.1	136.9	73.9	41.3	21.7	10.9	6.5	4.3	2.2	0.0	0.0
32.5°	193.4	132.6	67.4	32.6	17.4	8.7	4.3	2.2	0.0	0.0	0.0
35°	197.8	128.2	58.7	26.1	13.0	6.5	2.2	0.0	0.0	0.0	0.0
37.5°	202.1	121.7	50.0	21.7	10.9	4.3	0.0	0.0	0.0	0.0	0.0
40°	206.5	113.0	41.3	19.6	6.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	210.8	106.5	34.8	15.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	221.7	102.1	28.3	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	241.2	97.8	26.1	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	269.5	93.5	23.9	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	308.6	91.3	21.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	378.1	89.1	19.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	497.7	86.9	19.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	762.8	82.6	19.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1362.6	80.4	17.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2375.4	82.6	17.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3405.5	86.9	15.2	6.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	2914.4	76.1	15.2	8.7	4.3	2.2	0.0	0.0	0.0	0.0	0.0
71°	2375.4	67.4	15.2	8.7	4.3	2.2	2.2	0.0	0.0	0.0	0.0
72.5°	1527.8	52.2	13.0	8.7	4.3	4.3	2.2	0.0	0.0	0.0	0.0
75°	645.5	43.5	13.0	8.7	6.5	4.3	4.3	2.2	0.0	0.0	0.0
77.5°	276.0	32.6	13.0	10.9	8.7	6.5	6.5	4.3	2.2	0.0	0.0
80°	104.3	26.1	15.2	13.0	10.9	10.9	8.7	4.3	2.2	0.0	0.0
82.5°	47.8	21.7	15.2	13.0	13.0	10.9	8.7	6.5	4.3	0.0	0.0
85°	30.4	19.6	15.2	13.0	13.0	10.9	10.9	6.5	4.3	0.0	0.0
87.5°	23.9	19.6	15.2	15.2	13.0	13.0	8.7	6.5	2.2	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

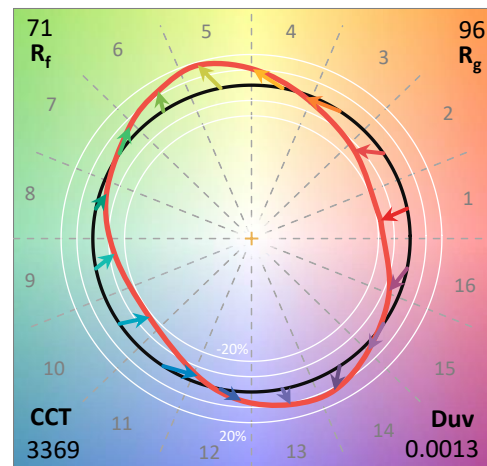
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

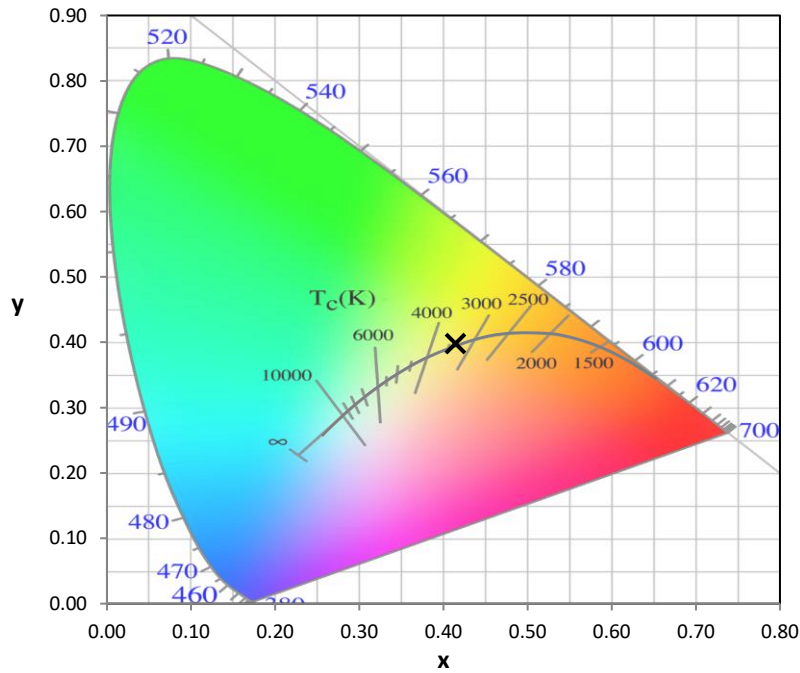
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

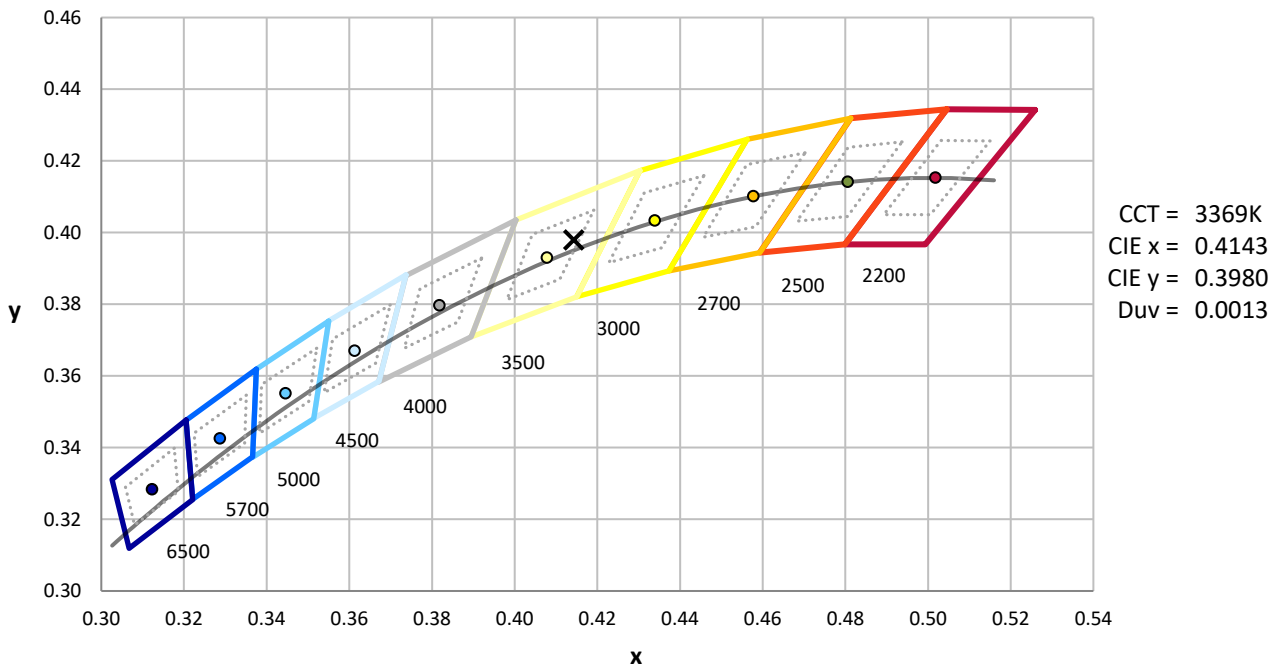
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 3500K 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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



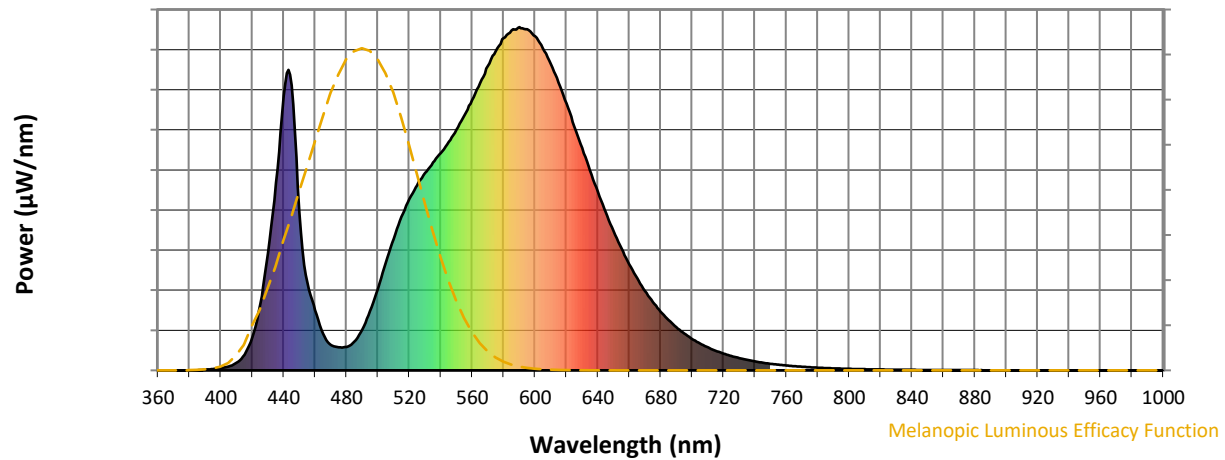
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

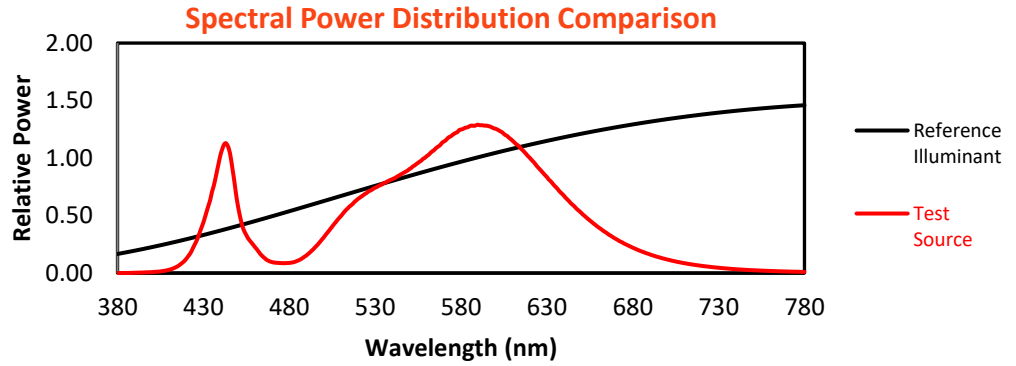
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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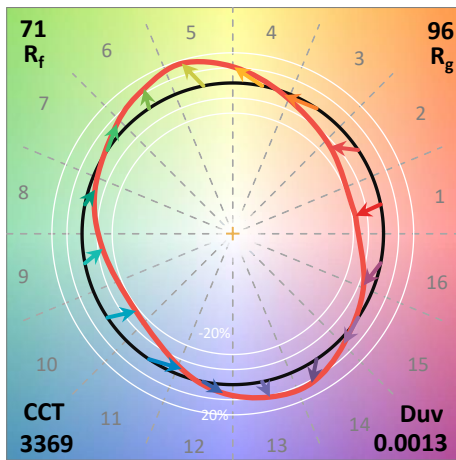
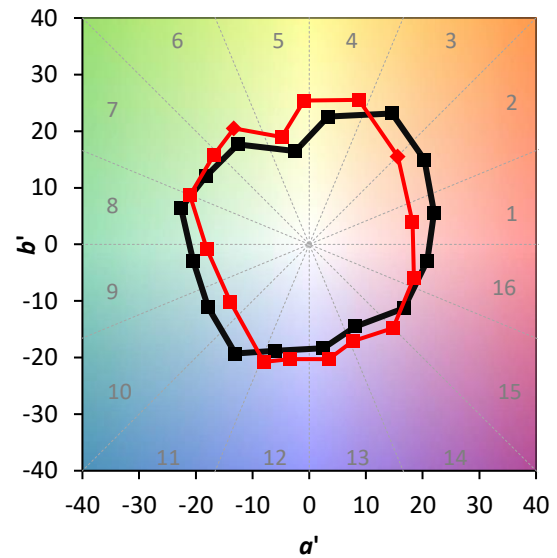
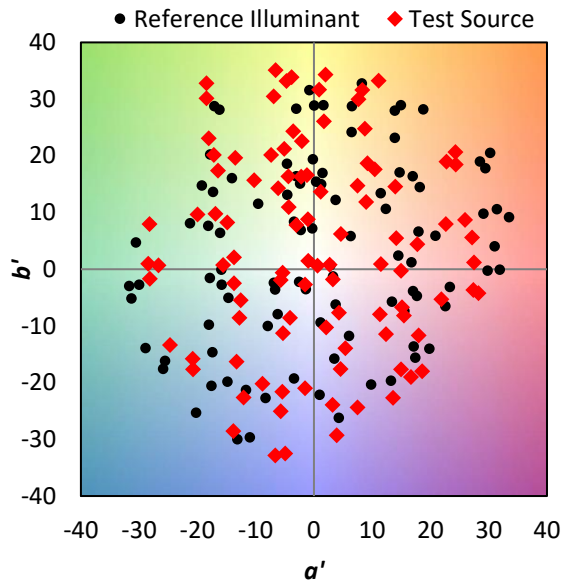
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$



Color Vector Graphics



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

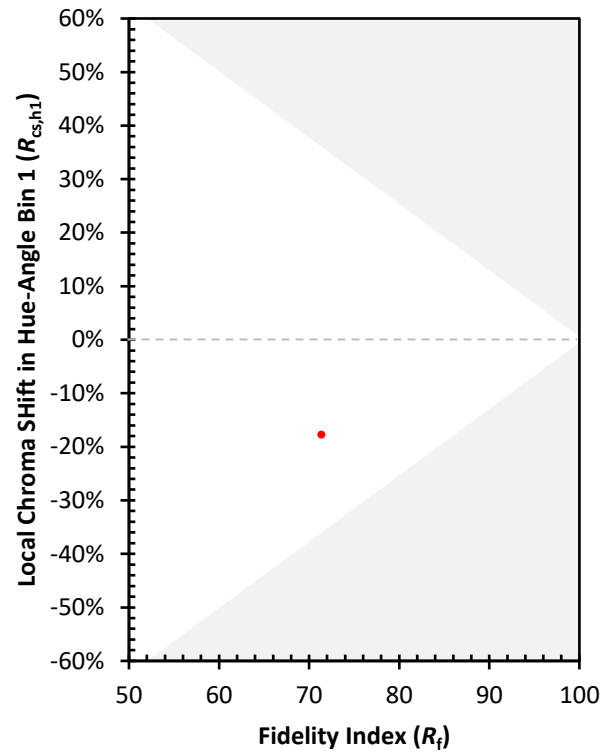
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)