

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: P1048757

Luminaire Tested: **GALN-SA5A-935-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048757
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-935-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13188.9 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 136.6
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

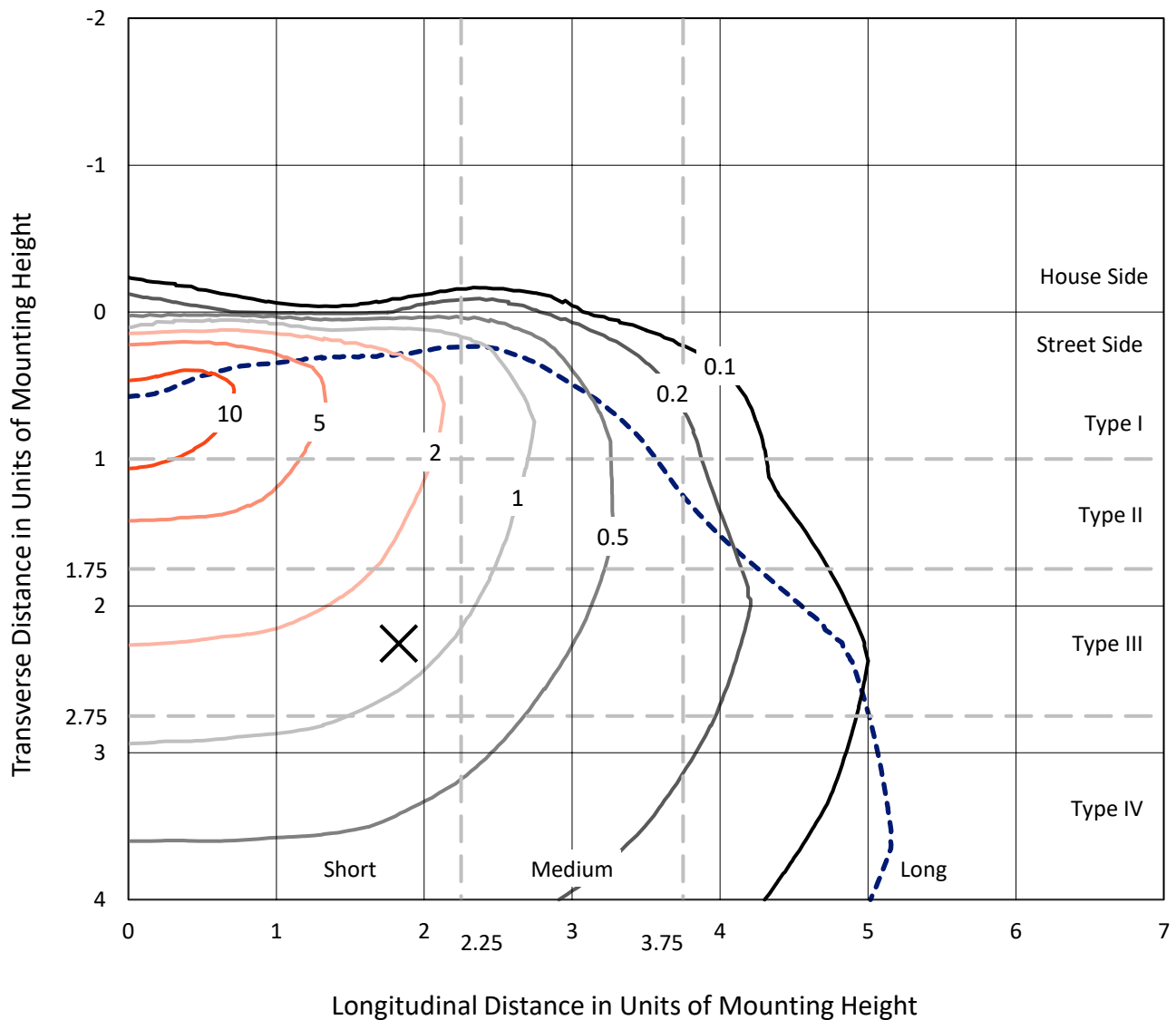


REPORT NUMBER: P1048757

CATALOG NUMBER: GALN-SA5A-935-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

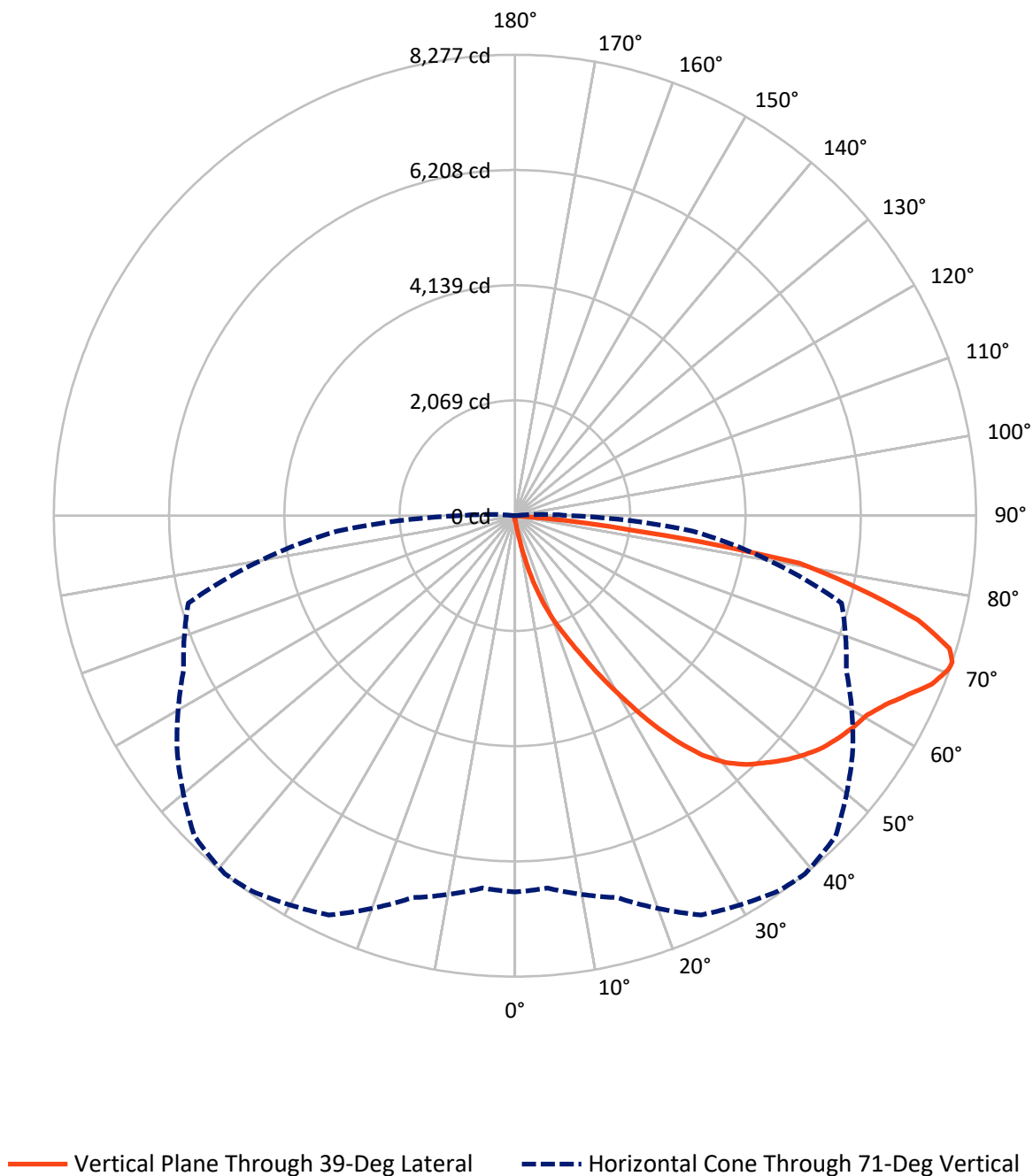


Based on 15 foot mounting height. Maximum calculated value = 13.6 fc
Type IV - Short - N/A

REPORT NUMBER: P1048757

CATALOG NUMBER: GALN-SA5A-935-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048757

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	46.9	0.0	46.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13142.1	0.0	13142.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	13188.9	0.0	13188.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.0	0.1
10°-20°	141.0	1.1
20°-30°	502.0	3.8
30°-40°	1209.9	9.2
40°-50°	2024.8	15.4
50°-60°	2600.6	19.7
60°-70°	3291.1	25.0
70°-80°	2934.2	22.2
80°-90°	474.3	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°	13188.9	100.0
0°-180°	13188.9	100.0



REPORT NUMBER: P1048757

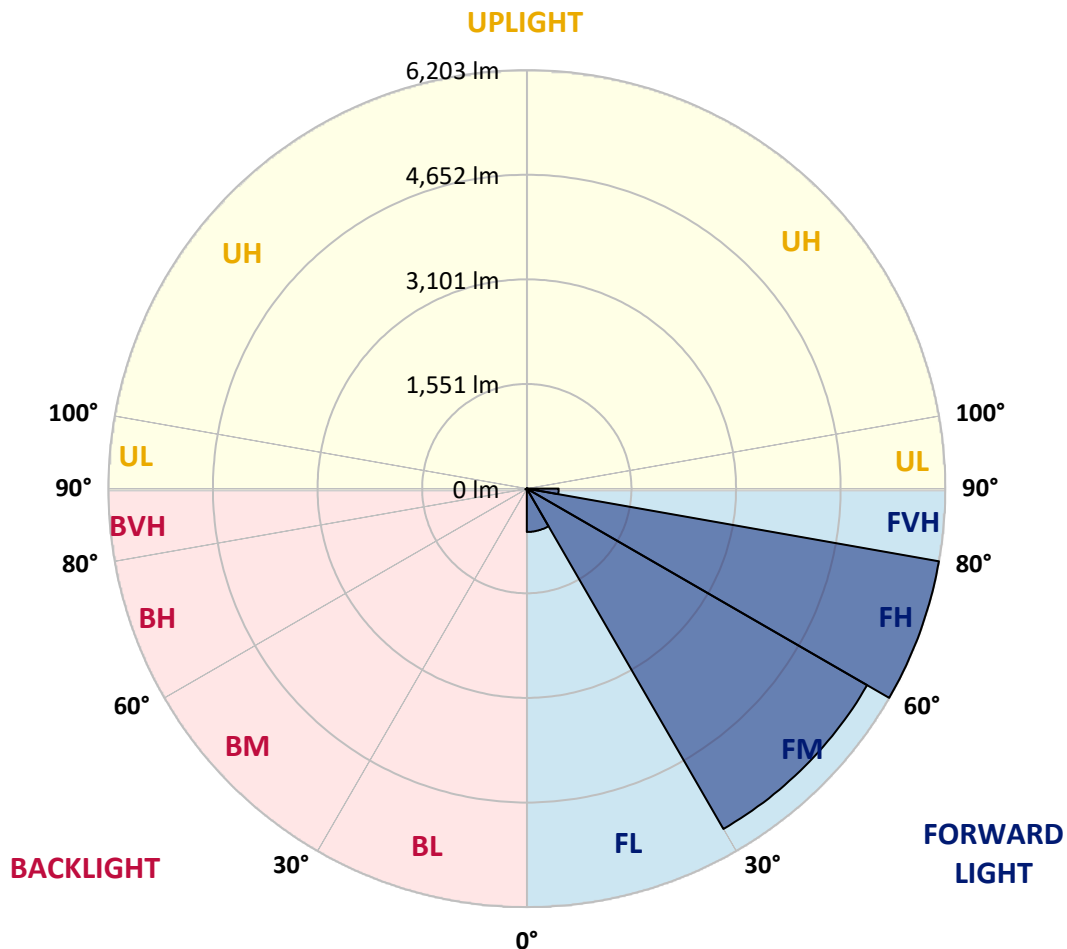
CATALOG NUMBER: GALN-SA5A-935-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	642.7	4.9			
FM	(30°-60°)	5824.5	44.2			
FH	(60°-80°)	6202.8	47.0			G3/7500
FVH	(80°-90°)	472.1	3.6			G3/500
BL	(0°-30°)	11.3	0.1	B0/110		
BM	(30°-60°)	10.8	0.1	B0/220		
BH	(60°-80°)	22.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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-G3

Type IV Short





REPORT NUMBER: P1048757

CATALOG NUMBER: GALN-SA5A-935-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
2.5°	83.0	83.0	83.0	80.4	80.4	79.5	78.6	78.6	76.8	75.9	74.1
5°	125.9	123.2	117.0	113.4	106.2	101.8	97.3	91.1	84.8	80.4	75.0
7.5°	284.8	291.1	270.5	232.1	192.8	175.9	147.3	118.7	98.2	84.8	75.9
10°	725.9	722.3	652.7	575.9	444.6	391.9	307.1	193.7	126.8	92.9	76.8
12.5°	1234.8	1231.2	1149.1	1044.6	871.4	761.6	600.9	361.6	182.1	105.4	76.8
15°	1662.4	1648.1	1622.3	1518.7	1316.0	1224.1	1011.6	639.3	294.6	126.8	78.6
17.5°	1945.5	1933.0	1908.8	1871.4	1742.8	1633.9	1463.3	1004.4	476.8	164.3	82.1
20°	2205.3	2196.3	2176.7	2169.6	2086.5	2028.5	1887.4	1424.0	742.8	223.2	87.5
22.5°	2562.4	2543.6	2551.7	2508.8	2427.6	2357.9	2271.3	1863.3	1067.8	321.4	97.3
25°	2999.9	2990.9	2968.6	2938.3	2825.8	2765.1	2632.0	2277.6	1431.2	450.0	108.0
27.5°	3528.4	3518.6	3513.2	3443.6	3314.1	3248.1	3062.4	2668.6	1840.1	630.3	122.3
30°	4137.3	4141.8	4107.0	4017.7	3866.8	3773.9	3582.9	3078.4	2258.8	841.9	137.5
32.5°	4767.7	4758.7	4705.2	4599.8	4465.0	4378.4	4135.5	3527.5	2698.1	1121.4	155.4
35°	5447.1	5430.1	5289.1	5168.5	5053.4	4944.4	4723.0	4048.9	3137.4	1434.8	179.5
37.5°	6132.8	6053.3	5770.3	5617.6	5538.2	5448.9	5242.6	4605.2	3574.0	1784.7	208.9
40°	6650.6	6589.0	6253.3	5972.1	5908.7	5832.8	5679.2	5085.5	4038.2	2160.6	244.6
42.5°	6937.2	6903.3	6601.5	6323.8	6174.7	6107.8	5976.5	5505.1	4497.1	2575.8	296.4
45°	7059.5	7006.9	6805.1	6675.6	6438.1	6327.4	6171.2	5822.1	4976.6	3047.2	368.7
47.5°	7022.0	6991.7	6847.0	6894.4	6722.0	6549.7	6320.3	6064.9	5386.4	3588.2	467.8
50°	6786.3	6760.4	6715.8	6972.0	6950.6	6747.0	6513.1	6256.9	5721.2	4146.3	621.4
52.5°	6338.1	6327.4	6441.7	6911.3	7080.1	6921.1	6698.8	6426.5	6033.7	4729.3	841.0
55°	5760.5	5804.2	6131.0	6816.7	7146.1	7049.7	6863.1	6585.4	6284.6	5250.7	1165.1
57.5°	5523.0	5534.6	5942.6	6749.7	7175.6	7163.1	7022.9	6737.2	6514.9	5667.6	1659.8
60°	5800.7	5782.8	5998.0	6800.6	7234.5	7264.9	7164.9	6878.3	6714.9	6025.6	2318.7
62.5°	6302.4	6292.6	6361.3	7017.6	7406.8	7468.4	7362.2	6980.1	6891.7	6261.3	3070.4
65°	6750.6	6730.1	6857.8	7402.4	7709.5	7753.2	7660.4	7154.2	6969.4	6432.8	3776.6
67.5°	6944.4	6939.9	7145.2	7768.4	8027.3	8074.7	7993.4	7394.3	6951.5	6487.2	4088.2
70°	6856.0	6839.0	7167.6	7923.8	8206.8	8260.4	8181.8	7483.6	6757.8	6314.9	3626.6
71°	6758.6	6713.1	7100.6	7913.1	8231.8	8277.3	8139.8	7402.4	6563.1	6070.3	3207.9
72.5°	6456.9	6464.9	6916.7	7801.5	8172.0	8158.6	7902.3	7111.3	6328.3	5514.9	2576.7
75°	5714.0	5761.4	6321.2	7332.7	7638.1	7467.5	7075.6	6555.1	5856.9	3954.3	1789.2
77.5°	4669.4	4740.0	5355.1	6431.0	6344.4	6327.4	6311.3	5775.7	5001.6	2124.0	1244.6
80°	2229.4	2382.0	3230.2	4590.9	4987.3	5179.2	5058.7	4654.3	3867.7	1011.6	743.7
82.5°	145.5	143.7	203.6	385.7	1625.8	2101.7	3339.1	3326.6	2696.3	492.8	303.6
85°	68.7	70.5	77.7	88.4	102.7	112.5	155.4	910.7	1290.1	234.8	66.1
87.5°	40.2	41.1	48.2	61.6	80.4	89.3	106.2	136.6	167.9	129.5	14.3
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: P1048757

CATALOG NUMBER: GALN-SA5A-935-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
2.5°	73.2	72.3	69.6	67.0	64.3	62.5	61.6	62.5	62.5	63.4	63.4
5°	73.2	70.5	66.1	60.7	57.1	53.6	51.8	50.9	51.8	51.8	51.8
7.5°	72.3	67.9	61.6	55.4	50.9	46.4	44.6	43.7	43.7	44.6	44.6
10°	70.5	66.1	58.0	50.9	45.5	40.2	37.5	34.8	34.8	34.8	35.7
12.5°	69.6	63.4	53.6	46.4	39.3	33.0	27.7	25.0	25.9	25.9	25.9
15°	67.9	60.7	50.9	42.0	33.0	25.0	20.5	17.9	18.7	19.6	18.7
17.5°	67.9	59.8	47.3	36.6	25.9	18.7	15.2	13.4	13.4	14.3	14.3
20°	67.9	58.0	44.6	31.2	19.6	14.3	10.7	9.8	9.8	11.6	12.5
22.5°	69.6	58.0	41.1	25.9	16.1	10.7	8.0	7.1	8.0	9.8	10.7
25°	72.3	57.1	37.5	23.2	13.4	8.0	6.2	4.5	5.4	7.1	8.0
27.5°	75.0	56.2	33.9	20.5	10.7	6.2	4.5	3.6	2.7	3.6	3.6
30°	77.7	56.2	30.4	17.0	8.9	4.5	2.7	1.8	0.9	0.0	0.0
32.5°	79.5	54.5	27.7	13.4	7.1	3.6	1.8	0.9	0.0	0.0	0.0
35°	81.2	52.7	24.1	10.7	5.4	2.7	0.9	0.0	0.0	0.0	0.0
37.5°	83.0	50.0	20.5	8.9	4.5	1.8	0.0	0.0	0.0	0.0	0.0
40°	84.8	46.4	17.0	8.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	86.6	43.7	14.3	6.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	91.1	42.0	11.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	99.1	40.2	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	110.7	38.4	9.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	126.8	37.5	8.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	155.4	36.6	8.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	204.5	35.7	8.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	313.4	33.9	8.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	559.8	33.0	7.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	975.9	33.9	7.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1399.0	35.7	6.2	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	1197.3	31.2	6.2	3.6	1.8	0.9	0.0	0.0	0.0	0.0	0.0
71°	975.9	27.7	6.2	3.6	1.8	0.9	0.9	0.0	0.0	0.0	0.0
72.5°	627.7	21.4	5.4	3.6	1.8	1.8	0.9	0.0	0.0	0.0	0.0
75°	265.2	17.9	5.4	3.6	2.7	1.8	1.8	0.9	0.0	0.0	0.0
77.5°	113.4	13.4	5.4	4.5	3.6	2.7	2.7	1.8	0.9	0.0	0.0
80°	42.9	10.7	6.2	5.4	4.5	4.5	3.6	1.8	0.9	0.0	0.0
82.5°	19.6	8.9	6.2	5.4	5.4	4.5	3.6	2.7	1.8	0.0	0.0
85°	12.5	8.0	6.2	5.4	5.4	4.5	4.5	2.7	1.8	0.0	0.0
87.5°	9.8	8.0	6.2	6.2	5.4	5.4	3.6	2.7	0.9	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

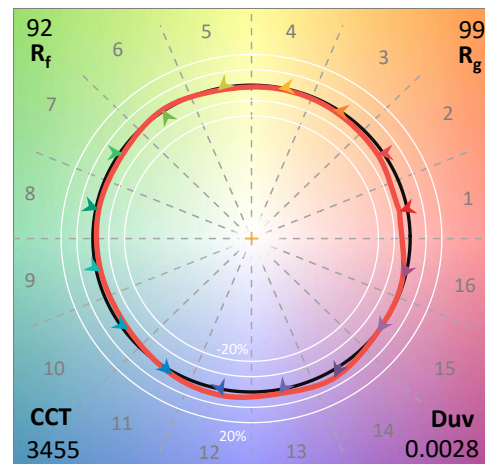
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 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-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u' : 0.2356
 CIE v' : 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 R_f: 92.3
 R_g: 98.5

CRI (Ra): 92.2
 R1: 92.0
 R2: 94.4
 R3: 95.6
 R4: 93.2
 R5: 91.4
 R6: 92.5
 R7: 94.5
 R8: 84.2
 R9: 59.8
 R10: 85.8
 R11: 93.2
 R12: 78.0
 R13: 92.5
 R14: 97.0
 R15: 88.4



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-15

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: SP1-2407-184-15

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

REPORT NUMBER: SP1-2407-184-15

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.58

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

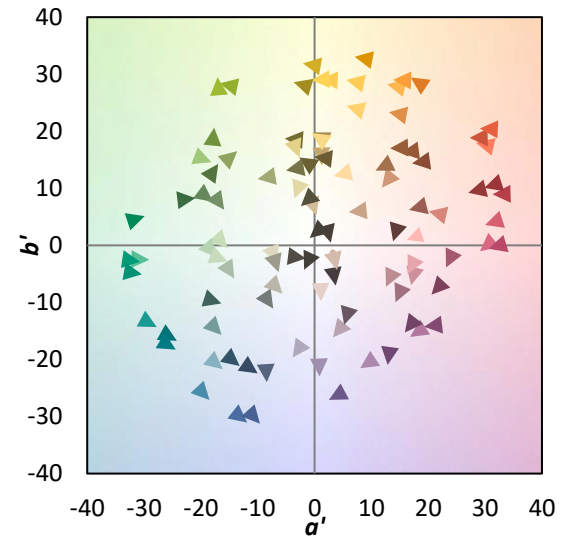
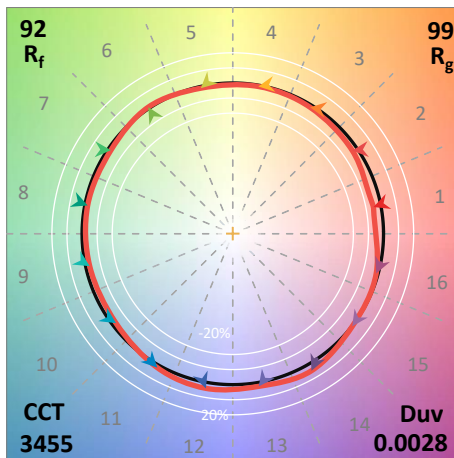
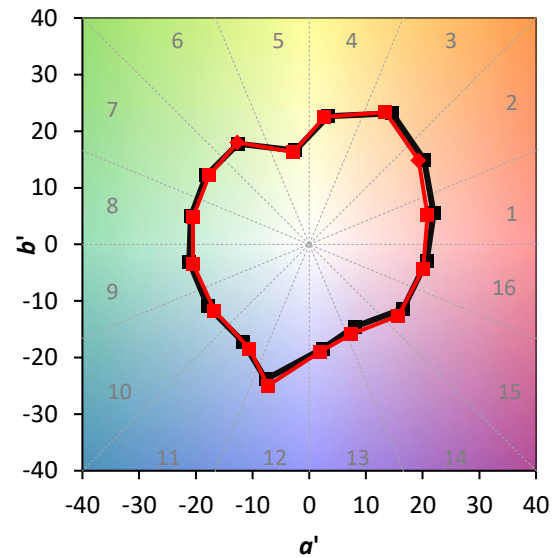
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 $CIE\ R_a = 92.2$
 $R_9 = 59.8$

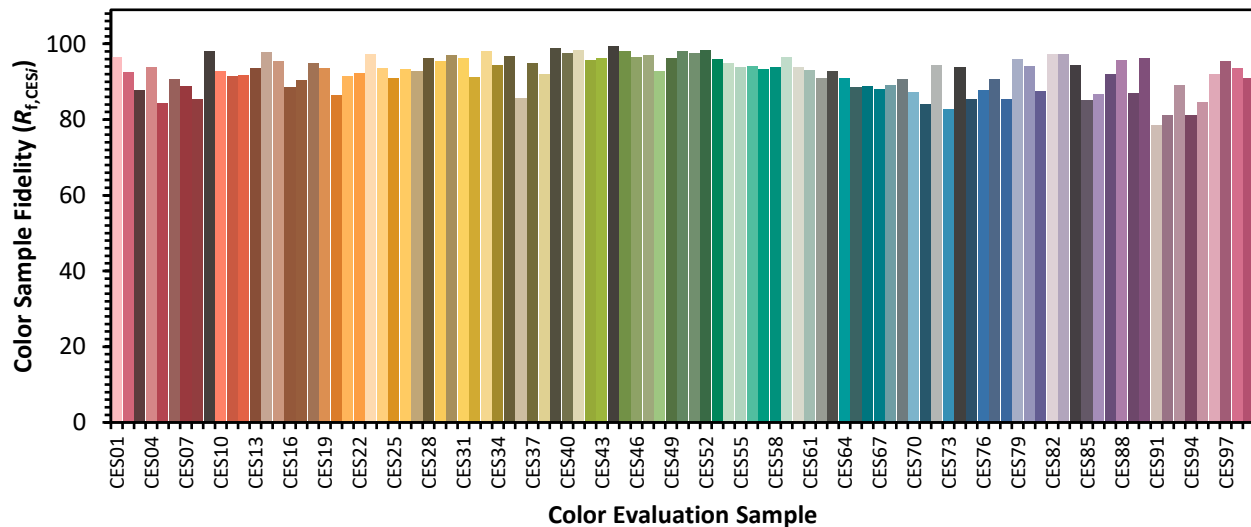


Color Vector Graphics

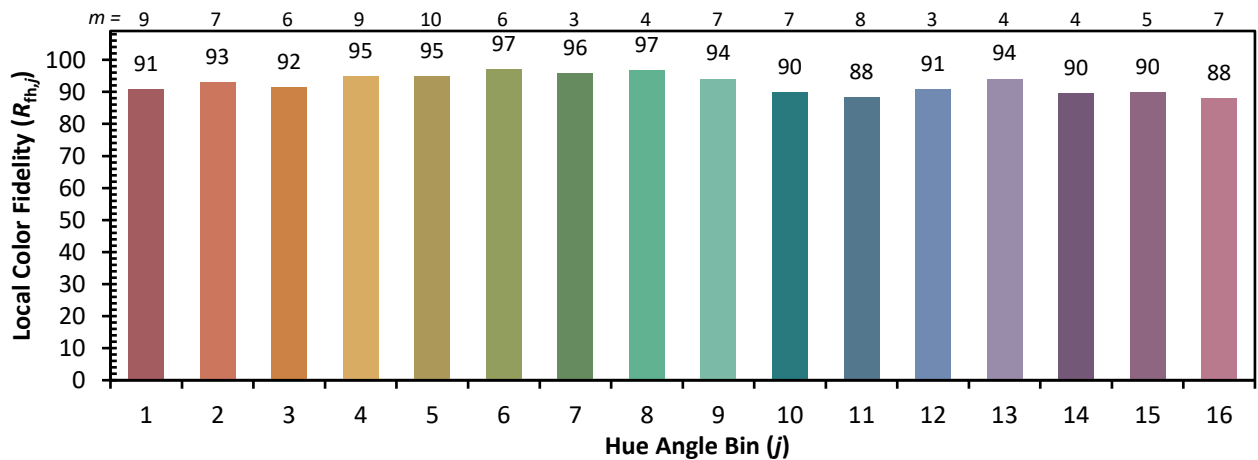


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)