

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: P1047521

Luminaire Tested: **GALN-SA2A-935-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047521
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-935-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5610.6 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.8
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

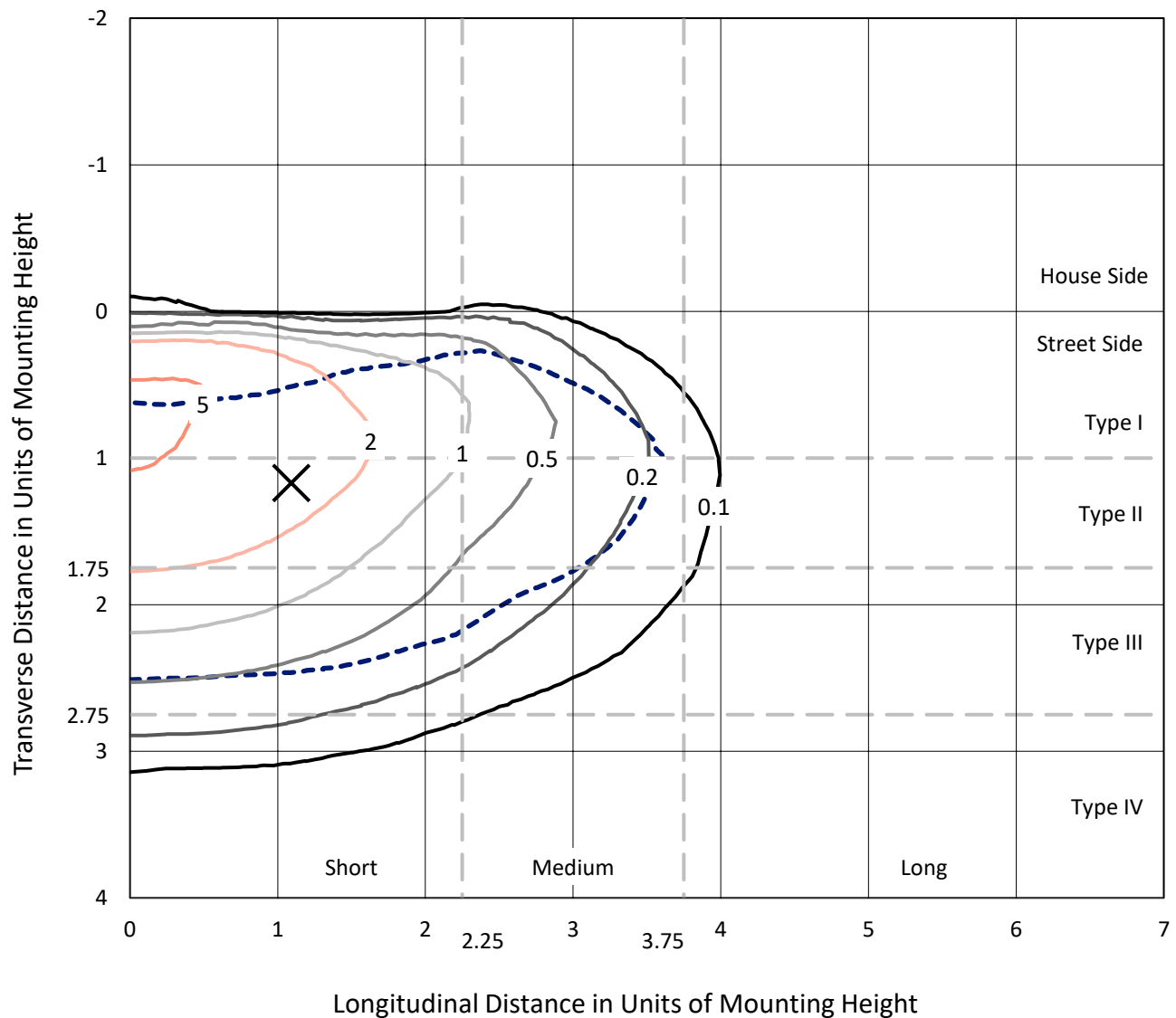


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

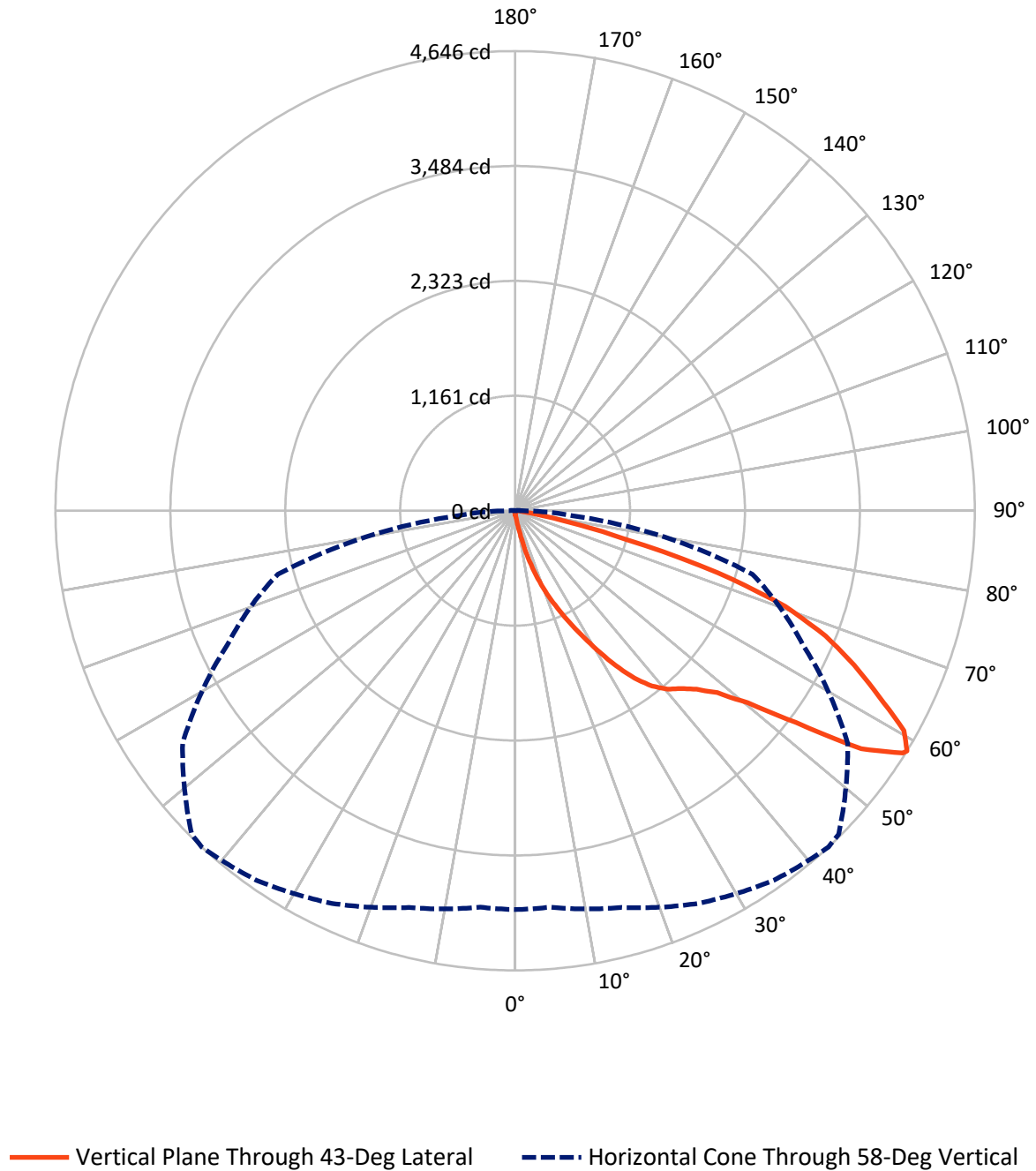


Based on 15 foot mounting height. Maximum calculated value = 6.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.5	0.0	20.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5590.1	0.0	5590.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	5610.6	0.0	5610.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.4	0.1
10°-20°	64.5	1.1
20°-30°	232.5	4.1
30°-40°	531.8	9.5
40°-50°	897.0	16.0
50°-60°	1480.3	26.4
60°-70°	1654.4	29.5
70°-80°	683.1	12.2
80°-90°	61.6	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°	5610.6	100.0
0°-180°	5610.6	100.0



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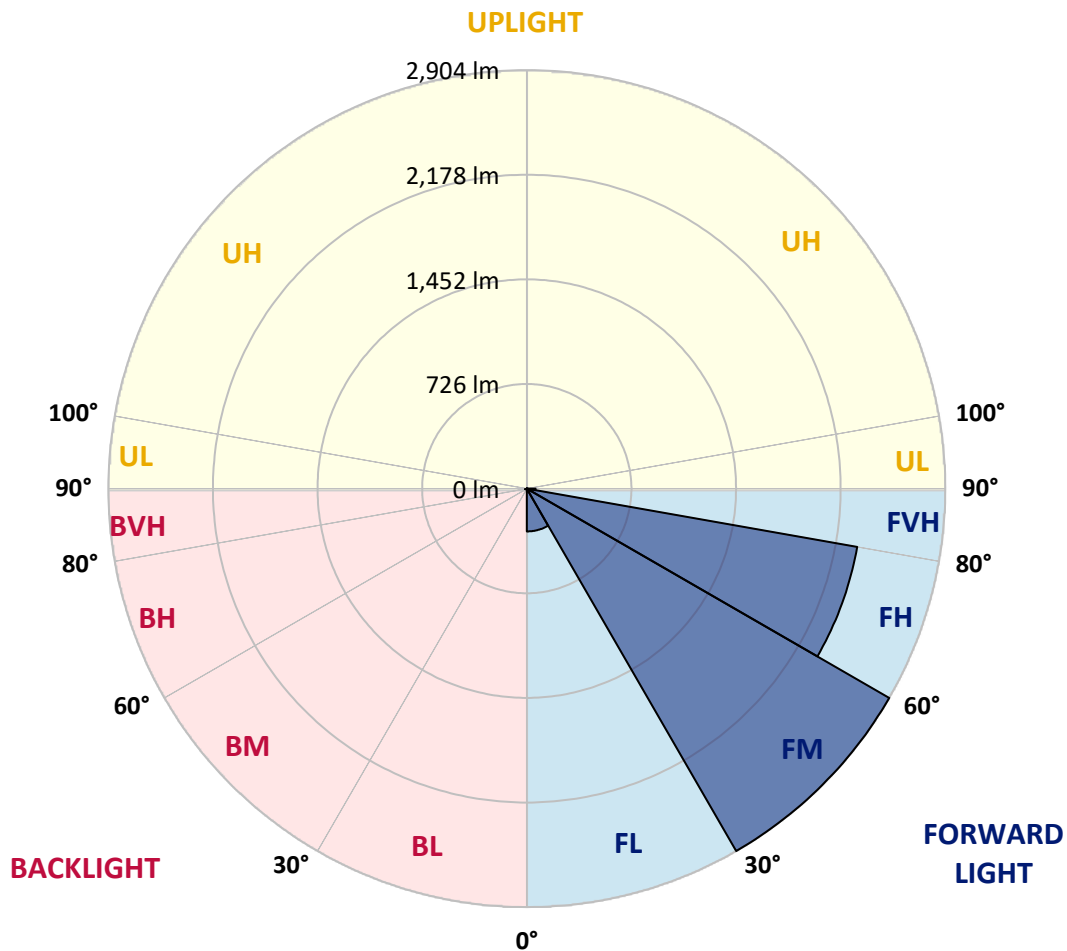
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	297.0	5.3			
FM	(30°-60°)	2904.3	51.8			
FH	(60°-80°)	2328.1	41.5			G2/5000
FVH	(80°-90°)	60.7	1.1			G1/100
BL	(0°-30°)	5.3	0.1	B0/110		
BM	(30°-60°)	4.9	0.1	B0/220		
BH	(60°-80°)	9.4	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-G2

Type III Short





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CATALOG NUMBER: GALN-SA2A-935-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
2.5°	44.0	45.5	44.0	44.0	44.0	42.6	42.6	41.1	41.1	39.6	38.2
5°	64.6	64.6	60.2	57.2	54.3	52.8	51.4	48.4	45.5	42.6	39.6
7.5°	143.8	143.8	130.6	113.0	89.5	76.3	73.4	60.2	51.4	45.5	39.6
10°	343.4	343.4	314.0	265.6	205.4	152.6	136.5	86.6	61.6	48.4	41.1
12.5°	570.8	578.2	541.5	479.8	390.3	297.9	265.6	158.5	82.2	52.8	41.1
15°	774.8	757.2	746.9	688.2	603.1	493.0	452.0	267.1	118.9	60.2	41.1
17.5°	912.7	912.7	898.0	858.4	780.7	683.8	650.1	431.4	192.2	69.0	42.6
20°	1074.1	1074.1	1047.7	1019.8	950.9	868.7	836.4	613.4	297.9	88.0	42.6
22.5°	1269.3	1272.2	1242.9	1193.0	1127.0	1036.0	1008.1	782.1	431.4	117.4	44.0
25°	1507.0	1510.0	1467.4	1420.4	1319.2	1220.9	1178.3	975.8	594.3	164.3	44.0
27.5°	1769.7	1790.2	1727.1	1646.4	1539.3	1416.0	1383.8	1150.4	755.7	231.8	47.0
30°	2096.9	2096.9	2013.3	1900.3	1784.4	1631.7	1590.7	1333.9	927.4	321.4	49.9
32.5°	2378.7	2356.6	2249.5	2130.7	2007.4	1865.1	1821.0	1526.1	1103.5	432.9	55.8
35°	2594.4	2575.3	2443.2	2315.6	2208.4	2077.8	2025.0	1734.5	1289.8	559.1	64.6
37.5°	2779.3	2771.9	2592.9	2432.9	2362.5	2248.1	2201.1	1931.1	1473.3	695.5	74.8
40°	2981.8	2958.3	2767.5	2569.4	2463.8	2371.3	2328.8	2089.6	1649.4	855.5	89.5
42.5°	3154.9	3127.0	2955.3	2761.6	2581.2	2456.4	2415.3	2223.1	1821.0	1015.4	108.6
45°	3347.1	3332.5	3159.3	3012.6	2771.9	2572.4	2518.1	2330.2	1978.1	1206.2	133.5
47.5°	3636.2	3609.8	3448.4	3328.1	3049.3	2748.4	2670.7	2440.3	2129.2	1394.0	171.7
50°	3972.3	3954.6	3859.3	3763.9	3486.5	3049.3	2956.8	2598.8	2297.9	1617.1	221.6
52.5°	4246.7	4243.7	4255.5	4256.9	4047.1	3555.5	3417.6	2854.1	2491.6	1837.2	292.0
55°	4240.8	4254.0	4383.1	4531.3	4547.5	4246.7	4113.1	3284.0	2744.0	2108.7	390.3
57.5°	4082.3	4072.0	4208.5	4431.5	4588.6	4620.8	4598.8	3951.7	3124.1	2435.9	541.5
58°	4030.9	4022.1	4151.3	4378.7	4559.2	4645.8	4623.8	4102.9	3209.2	2482.8	582.6
60°	3844.6	3846.1	3922.4	4129.3	4309.8	4515.2	4535.7	4534.3	3633.3	2796.9	789.5
62.5°	3598.1	3586.3	3656.8	3825.5	3984.0	4121.9	4157.1	4563.6	4254.0	3196.0	1184.2
65°	3257.6	3240.0	3314.9	3505.6	3675.8	3765.3	3766.8	4170.4	4546.0	3624.5	1747.7
67.5°	2625.2	2610.5	2760.2	3005.2	3267.9	3385.3	3438.1	3618.6	4299.5	3915.0	2070.5
70°	1608.3	1639.1	1847.5	2231.9	2680.9	2896.6	2975.9	3031.6	3661.2	3871.0	1731.5
72.5°	742.5	705.8	883.4	1151.9	1664.0	2143.9	2226.0	2444.7	2902.5	3360.3	1291.3
75°	346.3	333.1	374.2	503.3	754.2	1157.8	1307.5	1951.6	2226.0	2337.6	931.8
77.5°	177.6	179.0	212.8	228.9	311.1	535.6	614.8	1284.0	1631.7	1304.5	625.1
80°	77.8	80.7	82.2	89.5	126.2	206.9	233.3	595.8	1115.2	664.7	341.9
82.5°	49.9	51.4	51.4	51.4	60.2	82.2	93.9	239.2	556.1	330.2	105.7
85°	26.4	26.4	29.3	36.7	42.6	49.9	52.8	76.3	183.4	98.3	24.9
87.5°	14.7	16.1	17.6	22.0	27.9	33.8	36.7	52.8	70.4	67.5	5.9
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: GALN-SA2A-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
2.5°	38.2	36.7	35.2	33.8	32.3	30.8	30.8	30.8	30.8	30.8	30.8
5°	36.7	35.2	33.8	30.8	27.9	26.4	24.9	23.5	23.5	23.5	23.5
7.5°	36.7	35.2	30.8	27.9	24.9	22.0	19.1	19.1	19.1	19.1	19.1
10°	36.7	33.8	29.3	24.9	20.5	17.6	16.1	14.7	14.7	14.7	14.7
12.5°	36.7	32.3	27.9	22.0	17.6	14.7	13.2	11.7	11.7	11.7	11.7
15°	36.7	32.3	26.4	20.5	16.1	11.7	10.3	8.8	8.8	8.8	8.8
17.5°	35.2	30.8	24.9	17.6	13.2	8.8	7.3	5.9	5.9	7.3	7.3
20°	33.8	29.3	22.0	14.7	10.3	7.3	4.4	4.4	4.4	4.4	4.4
22.5°	33.8	29.3	20.5	13.2	8.8	4.4	2.9	2.9	2.9	2.9	4.4
25°	33.8	27.9	17.6	10.3	5.9	2.9	1.5	1.5	1.5	1.5	1.5
27.5°	33.8	27.9	16.1	8.8	4.4	2.9	1.5	0.0	0.0	0.0	0.0
30°	32.3	26.4	14.7	7.3	2.9	1.5	0.0	0.0	0.0	0.0	0.0
32.5°	32.3	24.9	11.7	5.9	2.9	1.5	0.0	0.0	0.0	0.0	0.0
35°	33.8	23.5	10.3	4.4	1.5	0.0	0.0	0.0	0.0	0.0	1.5
37.5°	35.2	22.0	8.8	2.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	36.7	20.5	8.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	39.6	20.5	7.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	42.6	20.5	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	48.4	22.0	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	52.8	23.5	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	58.7	22.0	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	66.0	22.0	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	71.9	20.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	74.8	19.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	89.5	17.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	139.4	14.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	283.2	13.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	528.3	11.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	591.4	13.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	372.7	10.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	196.6	10.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	98.3	10.3	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	45.5	7.3	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	19.1	4.4	2.9	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.8	4.4	2.9	2.9	1.5	1.5	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	4.4	4.4	2.9	2.9	1.5	1.5	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: SP1-2407-184-15

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

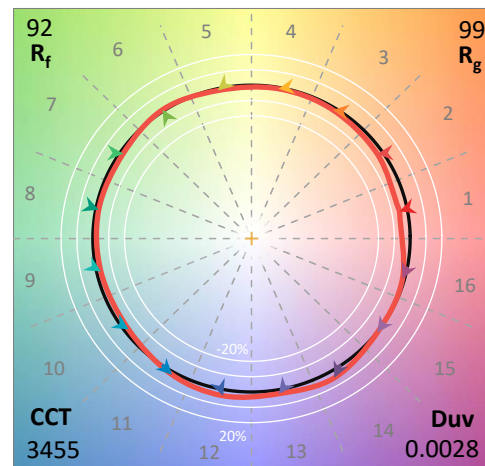
Test Information

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

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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 $\text{W}^{\wedge}/\text{nm}$	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			

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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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.14

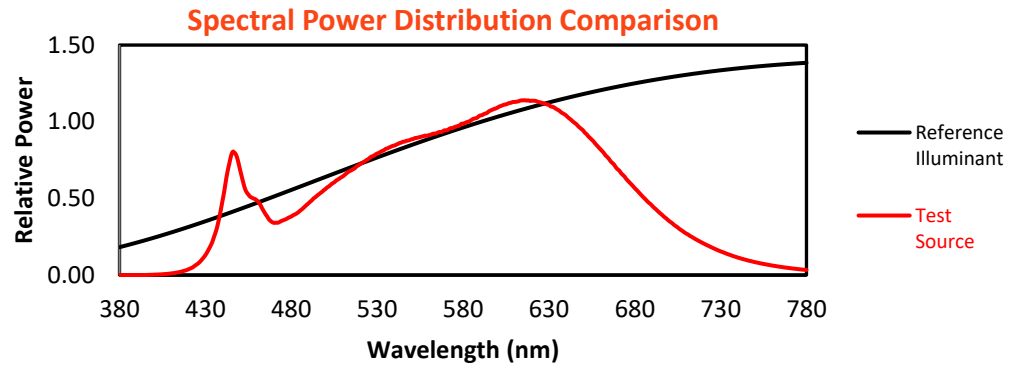
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	410	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			

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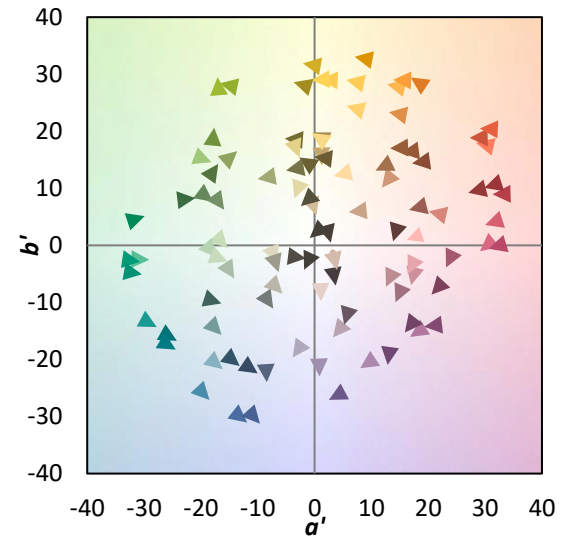
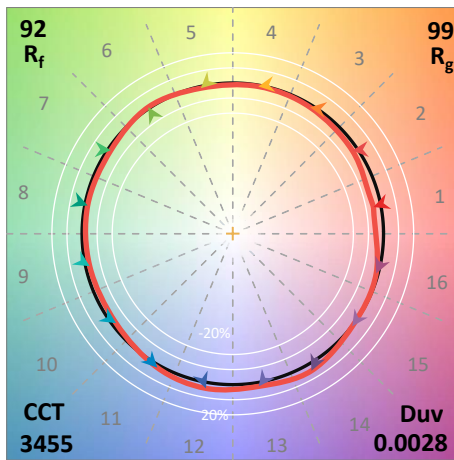
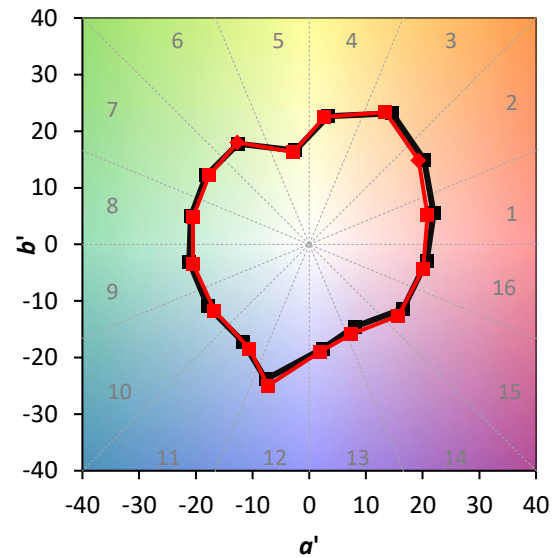
TM-30-18

Summary

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



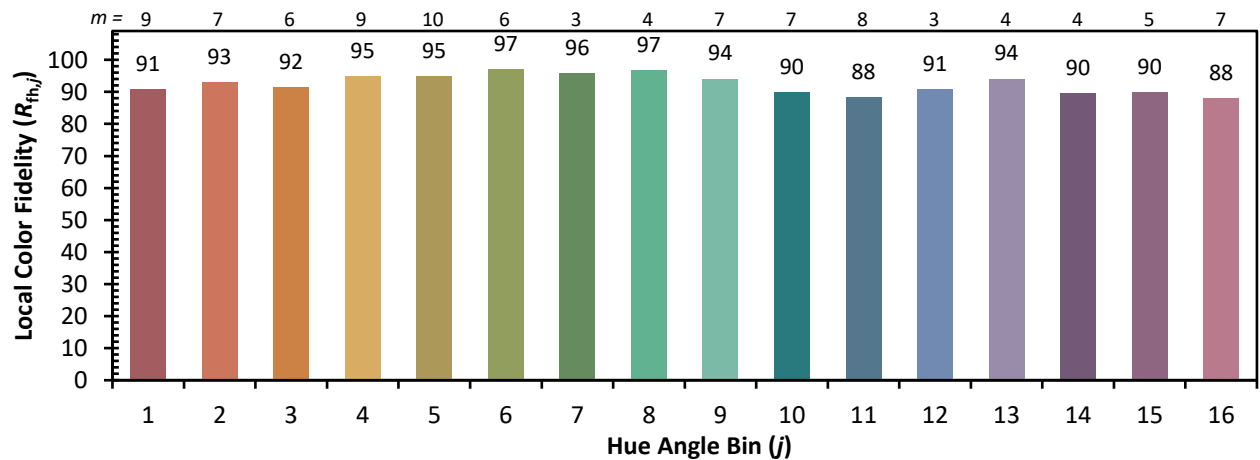
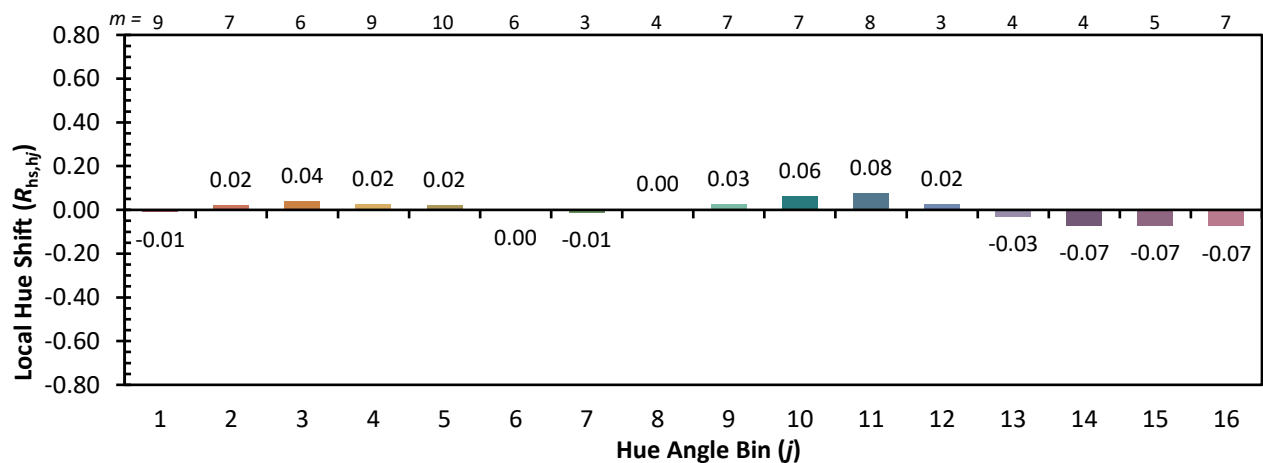
Color Vector Graphics



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)