

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: P1047555

Luminaire Tested: **GALN-SA1C-940-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047555
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-940-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4363.4 lumens
Efficiency: N/A
Efficacy: 86.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

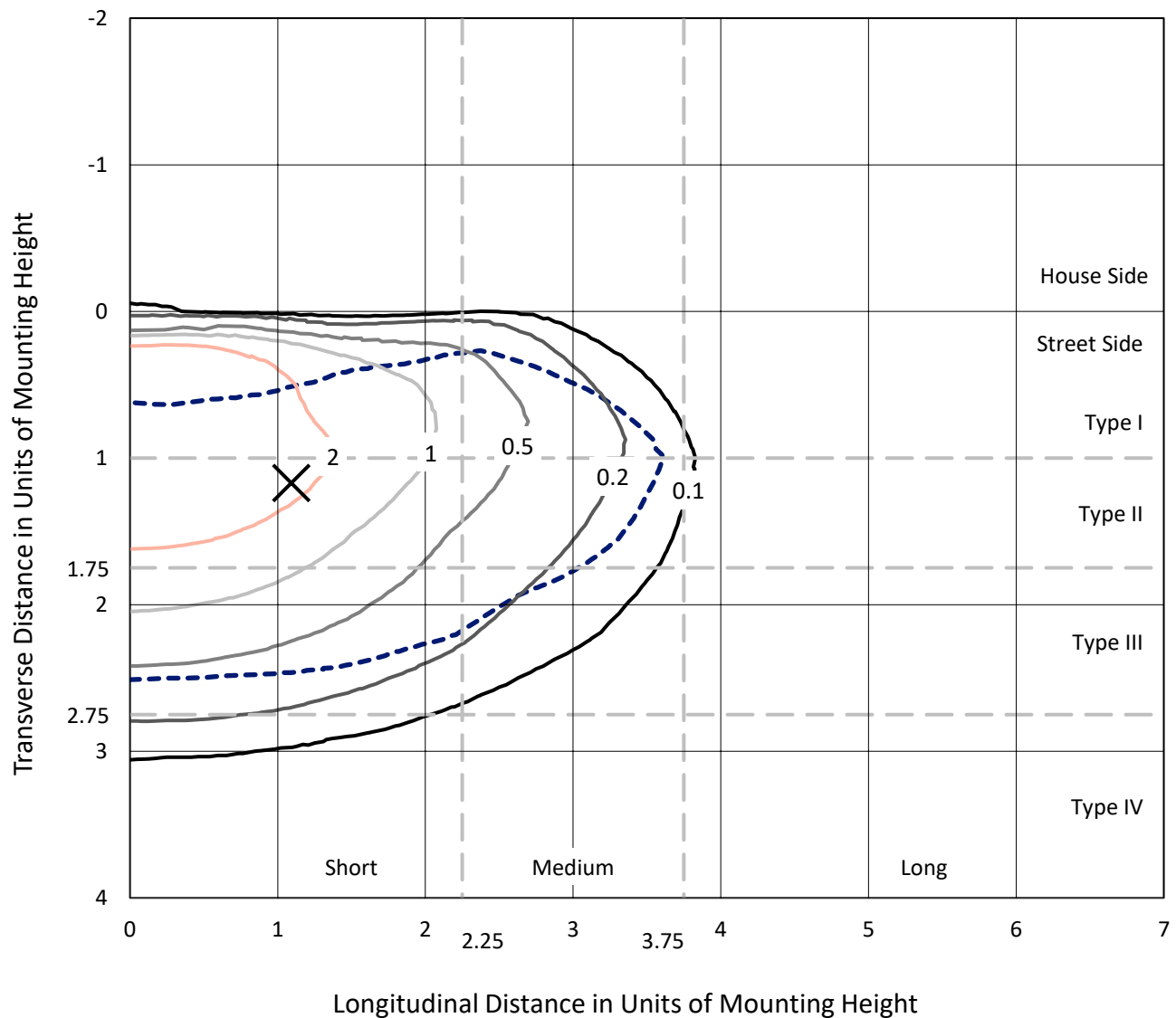


REPORT NUMBER: P1047555

CATALOG NUMBER: GALN-SA1C-940-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

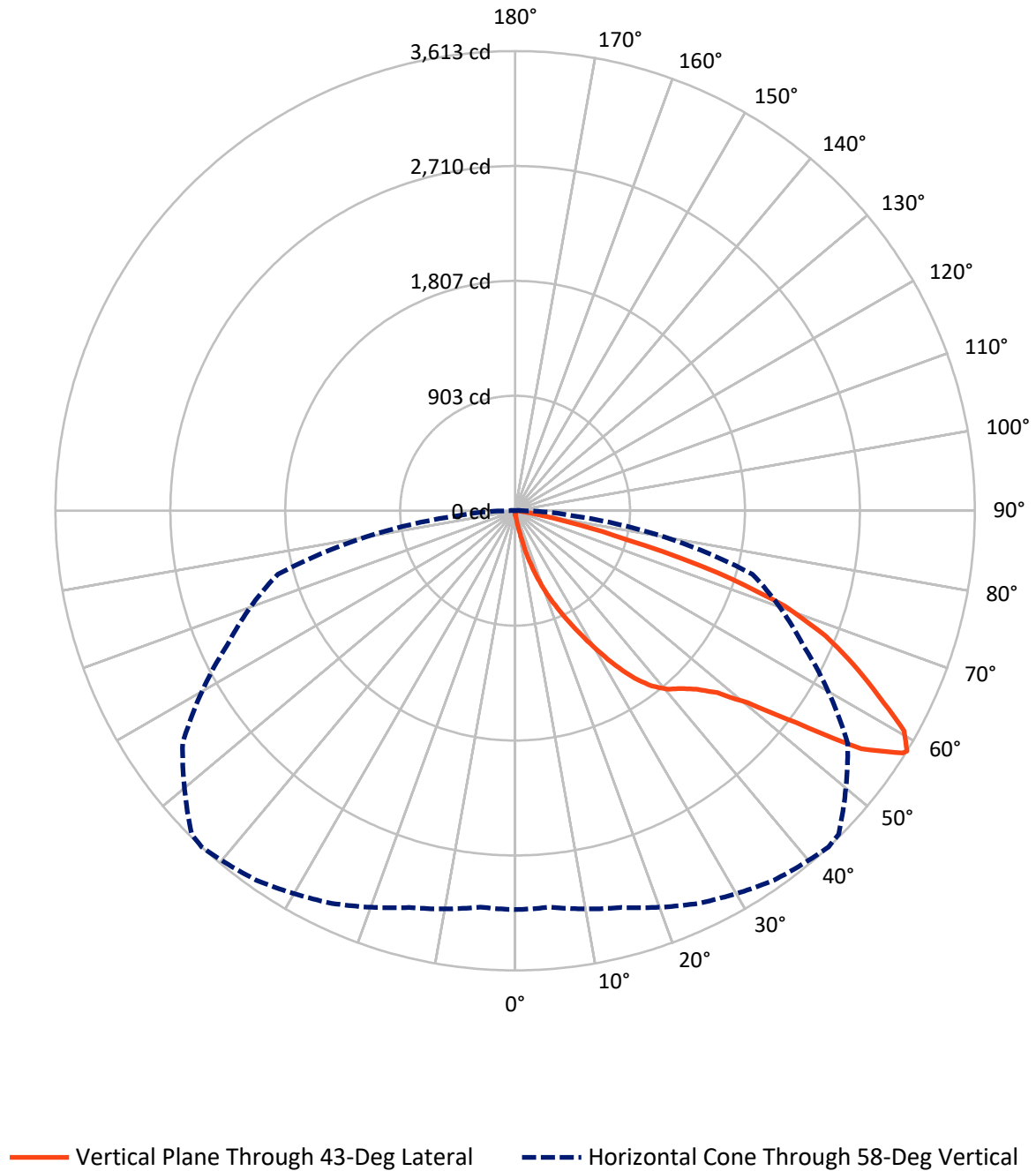


Based on 15 foot mounting height. Maximum calculated value = 4.9 fc
 Type III - Short - N/A

REPORT NUMBER: P1047555

CATALOG NUMBER: GALN-SA1C-940-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047555

CATALOG NUMBER: GALN-SA1C-940-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.9	0.0	15.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4347.4	0.0	4347.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	4363.4	0.0	4363.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.2	0.1
10°-20°	50.2	1.1
20°-30°	180.8	4.1
30°-40°	413.6	9.5
40°-50°	697.6	16.0
50°-60°	1151.2	26.4
60°-70°	1286.7	29.5
70°-80°	531.2	12.2
80°-90°	47.9	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°	4363.4	100.0
0°-180°	4363.4	100.0



REPORT NUMBER: P1047555

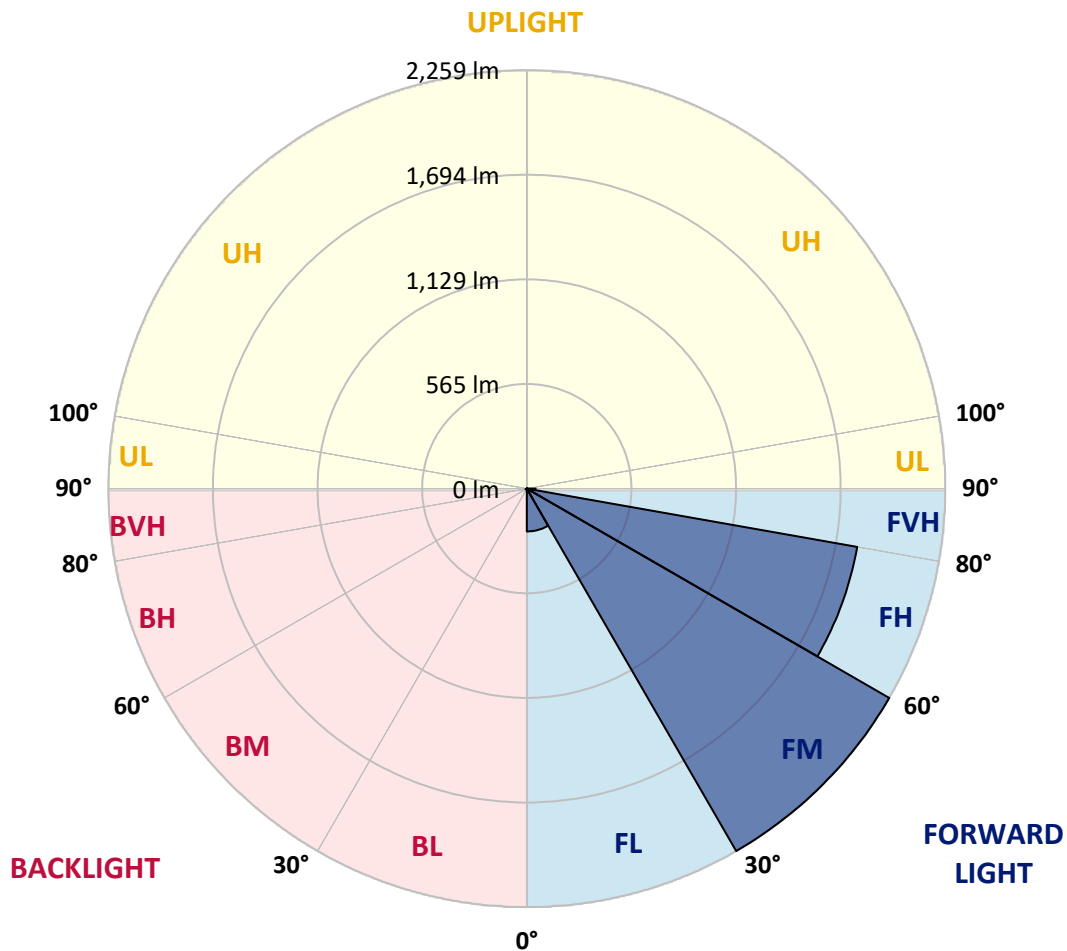
CATALOG NUMBER: GALN-SA1C-940-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	231.0	5.3			
FM	(30°-60°)	2258.7	51.8			
FH	(60°-80°)	1810.6	41.5			G2/5000
FVH	(80°-90°)	47.2	1.1			G1/100
BL	(0°-30°)	4.2	0.1	B0/110		
BM	(30°-60°)	3.8	0.1	B0/220		
BH	(60°-80°)	7.3	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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



REPORT NUMBER: P1047555

CATALOG NUMBER: GALN-SA1C-940-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
2.5°	34.2	35.4	34.2	34.2	34.2	33.1	33.1	32.0	32.0	30.8	29.7
5°	50.2	50.2	46.8	44.5	42.2	41.1	39.9	37.7	35.4	33.1	30.8
7.5°	111.8	111.8	101.6	87.9	69.6	59.3	57.1	46.8	39.9	35.4	30.8
10°	267.0	267.0	244.2	206.6	159.8	118.7	106.1	67.3	47.9	37.7	32.0
12.5°	443.9	449.6	421.1	373.2	303.6	231.7	206.6	123.3	63.9	41.1	32.0
15°	602.6	588.9	580.9	535.2	469.0	383.4	351.5	207.7	92.4	46.8	32.0
17.5°	709.8	709.8	698.4	667.6	607.1	531.8	505.6	335.5	149.5	53.6	33.1
20°	835.4	835.4	814.8	793.1	739.5	675.6	650.5	477.0	231.7	68.5	33.1
22.5°	987.1	989.4	966.6	927.8	876.4	805.7	784.0	608.3	335.5	91.3	34.2
25°	1172.0	1174.3	1141.2	1104.7	1025.9	949.5	916.4	758.9	462.2	127.8	34.2
27.5°	1376.3	1392.3	1343.2	1280.4	1197.1	1101.3	1076.2	894.7	587.7	180.3	36.5
30°	1630.8	1630.8	1565.7	1477.9	1387.7	1269.0	1237.1	1037.4	721.2	249.9	38.8
32.5°	1849.9	1832.8	1749.5	1657.0	1561.2	1450.5	1416.2	1186.9	858.2	336.7	43.4
35°	2017.7	2002.8	1900.1	1800.8	1717.5	1615.9	1574.9	1348.9	1003.1	434.8	50.2
37.5°	2161.4	2155.7	2016.5	1892.1	1837.3	1748.3	1711.8	1501.8	1145.8	540.9	58.2
40°	2318.9	2300.7	2152.3	1998.3	1916.1	1844.2	1811.1	1625.1	1282.7	665.3	69.6
42.5°	2453.6	2431.9	2298.4	2147.7	2007.4	1910.4	1878.4	1728.9	1416.2	789.7	84.4
45°	2603.1	2591.7	2457.0	2342.9	2155.7	2000.5	1958.3	1812.2	1538.3	938.1	103.8
47.5°	2827.9	2807.4	2681.8	2588.3	2371.4	2137.5	2077.0	1897.8	1655.9	1084.1	133.5
50°	3089.2	3075.5	3001.4	2927.2	2711.5	2371.4	2299.5	2021.1	1787.1	1257.6	172.3
52.5°	3302.6	3300.4	3309.5	3310.6	3147.4	2765.1	2657.9	2219.6	1937.8	1428.8	227.1
55°	3298.1	3308.4	3408.8	3524.0	3536.6	3302.6	3198.8	2554.0	2134.1	1639.9	303.6
57.5°	3174.8	3166.8	3273.0	3446.4	3568.5	3593.7	3576.5	3073.3	2429.6	1894.4	421.1
58°	3134.9	3128.0	3228.5	3405.4	3545.7	3613.1	3595.9	3190.8	2495.8	1930.9	453.1
60°	2990.0	2991.1	3050.4	3211.4	3351.7	3511.5	3527.5	3526.3	2825.6	2175.1	614.0
62.5°	2798.2	2789.1	2843.9	2975.1	3098.4	3205.6	3233.0	3549.1	3308.4	2485.5	921.0
65°	2533.5	2519.8	2578.0	2726.3	2858.7	2928.3	2929.5	3243.3	3535.5	2818.8	1359.2
67.5°	2041.6	2030.2	2146.6	2337.2	2541.5	2632.8	2673.8	2814.2	3343.7	3044.7	1610.2
70°	1250.8	1274.7	1436.8	1735.8	2085.0	2252.7	2314.4	2357.7	2847.3	3010.5	1346.6
72.5°	577.4	548.9	687.0	895.8	1294.1	1667.3	1731.2	1901.2	2257.3	2613.4	1004.3
75°	269.3	259.1	291.0	391.4	586.6	900.4	1016.8	1517.8	1731.2	1817.9	724.7
77.5°	138.1	139.2	165.5	178.0	241.9	416.5	478.2	998.6	1269.0	1014.5	486.2
80°	60.5	62.8	63.9	69.6	98.1	160.9	181.5	463.3	867.3	517.0	265.9
82.5°	38.8	39.9	39.9	39.9	46.8	63.9	73.0	186.0	432.5	256.8	82.2
85°	20.5	20.5	22.8	28.5	33.1	38.8	41.1	59.3	142.7	76.5	19.4
87.5°	11.4	12.6	13.7	17.1	21.7	26.2	28.5	41.1	54.8	52.5	4.6
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: P1047555

CATALOG NUMBER: GALN-SA1C-940-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
2.5°	29.7	28.5	27.4	26.2	25.1	24.0	24.0	24.0	24.0	24.0	24.0
5°	28.5	27.4	26.2	24.0	21.7	20.5	19.4	18.3	18.3	18.3	18.3
7.5°	28.5	27.4	24.0	21.7	19.4	17.1	14.8	14.8	14.8	14.8	14.8
10°	28.5	26.2	22.8	19.4	16.0	13.7	12.6	11.4	11.4	11.4	11.4
12.5°	28.5	25.1	21.7	17.1	13.7	11.4	10.3	9.1	9.1	9.1	9.1
15°	28.5	25.1	20.5	16.0	12.6	9.1	8.0	6.8	6.8	6.8	6.8
17.5°	27.4	24.0	19.4	13.7	10.3	6.8	5.7	4.6	4.6	5.7	5.7
20°	26.2	22.8	17.1	11.4	8.0	5.7	3.4	3.4	3.4	3.4	3.4
22.5°	26.2	22.8	16.0	10.3	6.8	3.4	2.3	2.3	2.3	2.3	3.4
25°	26.2	21.7	13.7	8.0	4.6	2.3	1.1	1.1	1.1	1.1	1.1
27.5°	26.2	21.7	12.6	6.8	3.4	2.3	1.1	0.0	0.0	0.0	0.0
30°	25.1	20.5	11.4	5.7	2.3	1.1	0.0	0.0	0.0	0.0	0.0
32.5°	25.1	19.4	9.1	4.6	2.3	1.1	0.0	0.0	0.0	0.0	0.0
35°	26.2	18.3	8.0	3.4	1.1	0.0	0.0	0.0	0.0	0.0	1.1
37.5°	27.4	17.1	6.8	2.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	28.5	16.0	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	30.8	16.0	5.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	33.1	16.0	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	37.7	17.1	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	41.1	18.3	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	45.6	17.1	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	51.4	17.1	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	55.9	16.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	58.2	14.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	69.6	13.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	108.4	11.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	220.3	10.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	410.8	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	459.9	10.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	289.9	8.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	152.9	8.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	76.5	8.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	35.4	5.7	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	14.8	3.4	2.3	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.8	3.4	2.3	2.3	1.1	1.1	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	3.4	3.4	2.3	2.3	1.1	1.1	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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

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: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

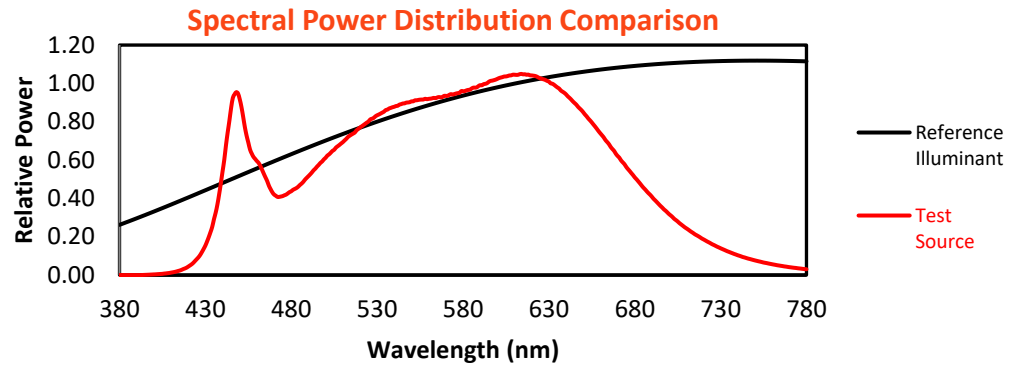
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

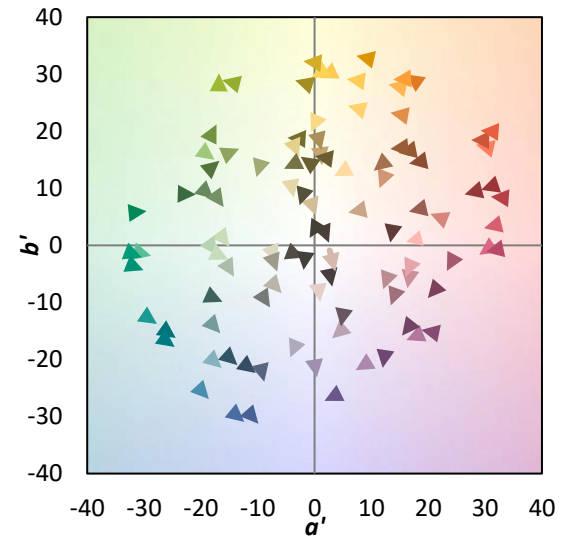
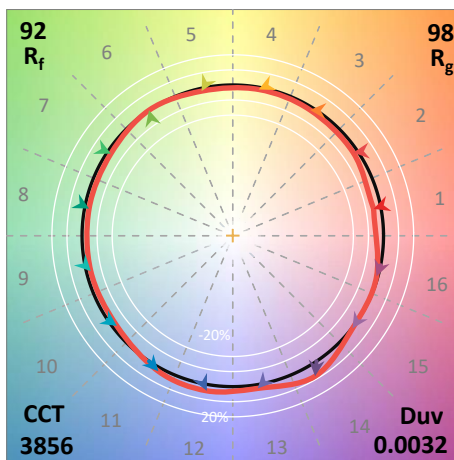
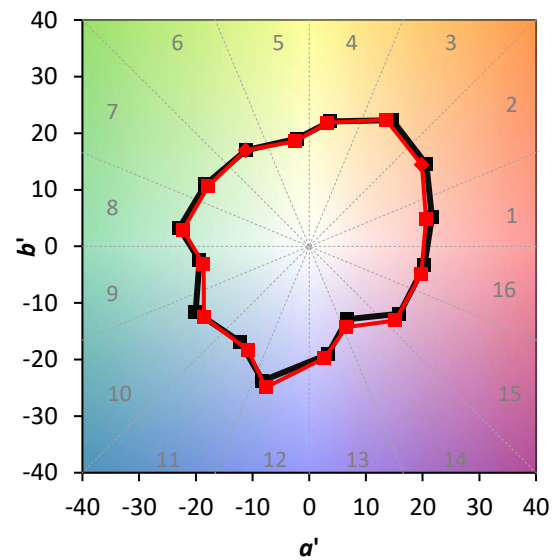
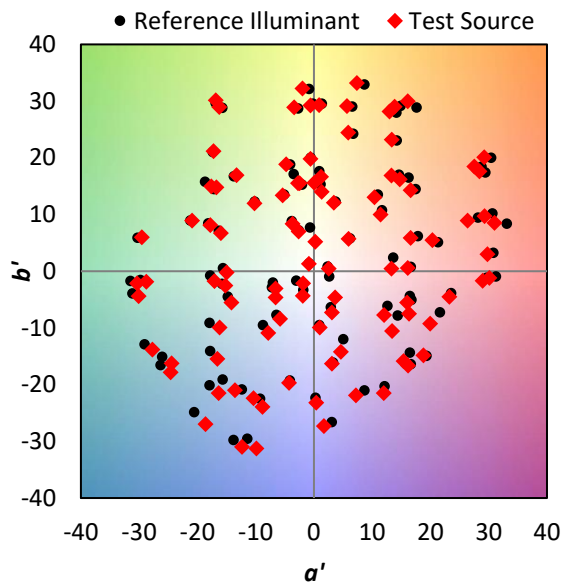
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.1$
 $R_9 = 60.7$

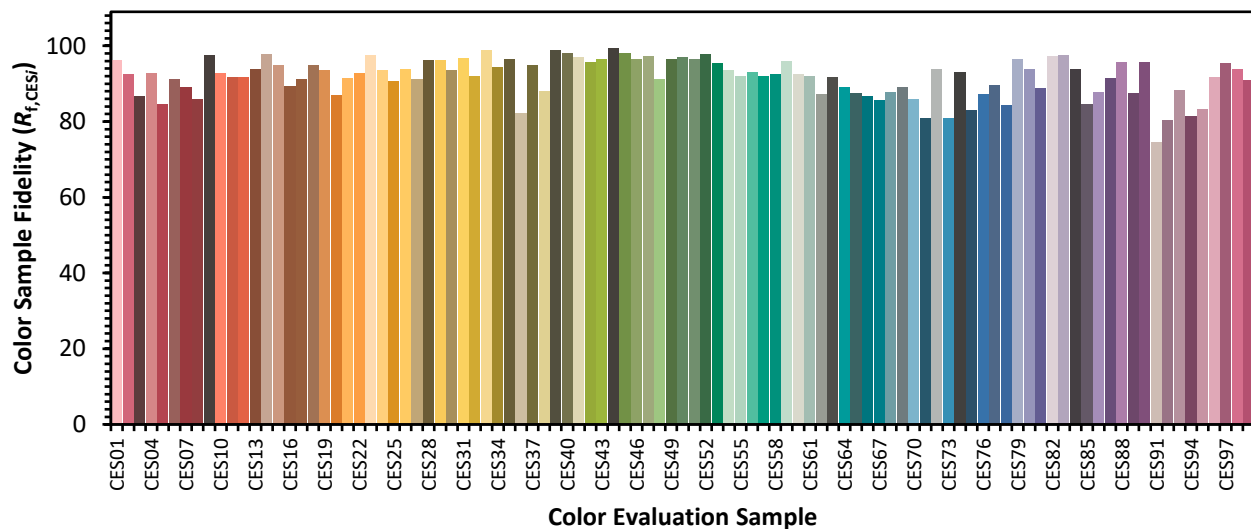


Color Vector Graphics



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

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)