

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: P1048169

Luminaire Tested: **GALN-SA2A-940-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048169
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-940-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5339.1 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - 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

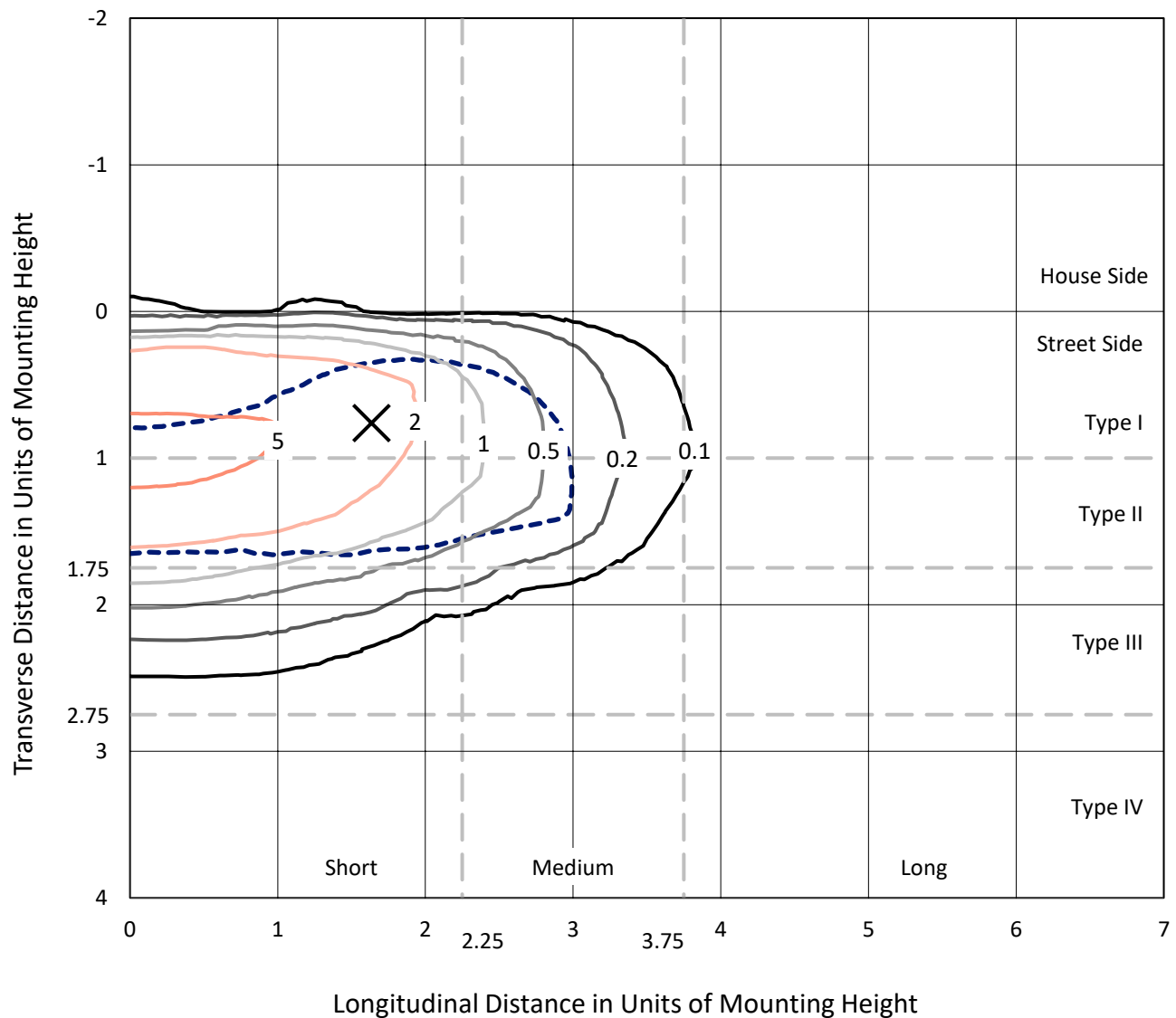


REPORT NUMBER: P1048169

CATALOG NUMBER: GALN-SA2A-940-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

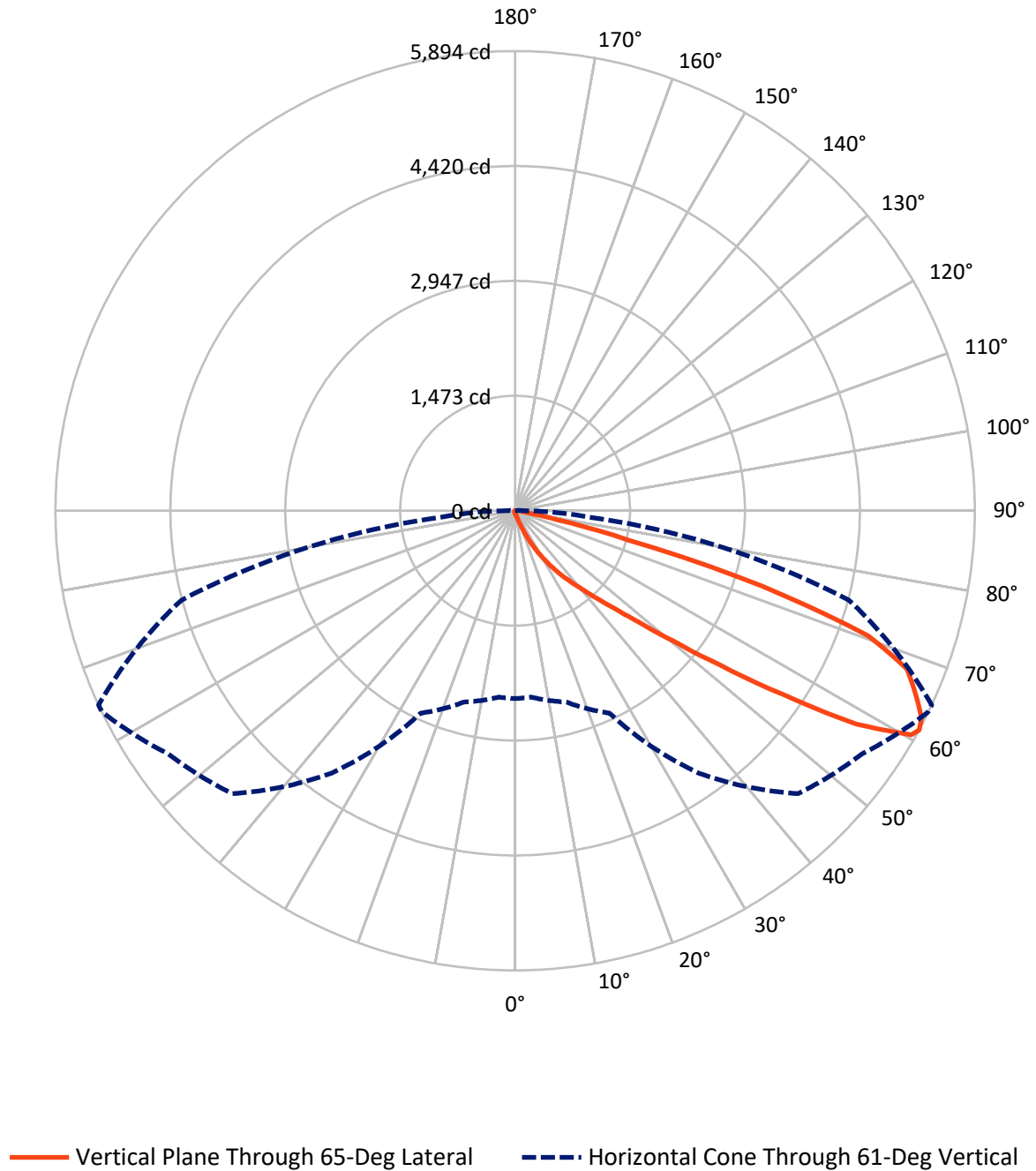


Based on 15 foot mounting height. Maximum calculated value = 7.1 fc
 Type II - Short - N/A

REPORT NUMBER: P1048169

CATALOG NUMBER: GALN-SA2A-940-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048169

CATALOG NUMBER: GALN-SA2A-940-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.8	0.0	22.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5316.3	0.0	5316.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	5339.1	0.0	5339.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.2	0.1
10°-20°	43.9	0.8
20°-30°	157.6	3.0
30°-40°	419.5	7.9
40°-50°	1102.0	20.6
50°-60°	1707.2	32.0
60°-70°	1431.5	26.8
70°-80°	421.3	7.9
80°-90°	52.0	1.0
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°	5339.1	100.0
0°-180°	5339.1	100.0



REPORT NUMBER: P1048169

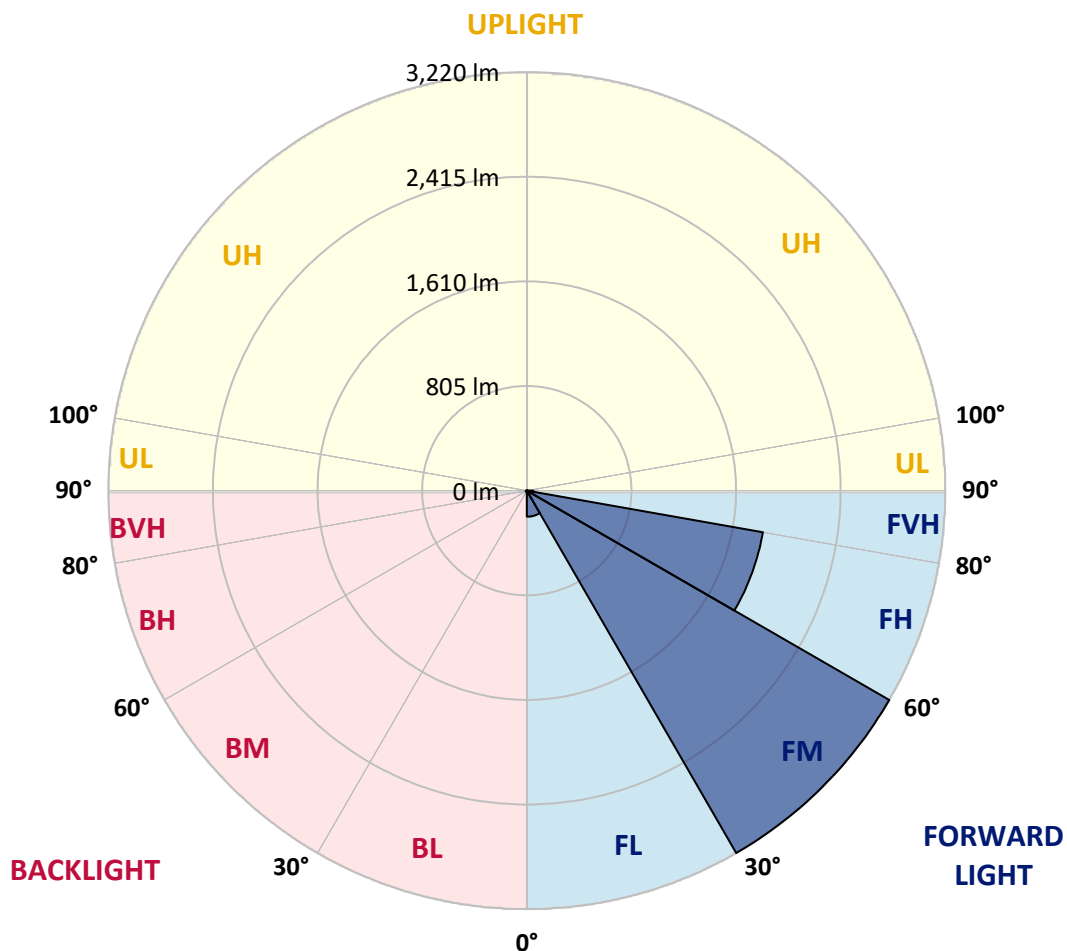
CATALOG NUMBER: GALN-SA2A-940-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	200.5	3.8			
FM	(30°-60°)	3220.1	60.3			
FH	(60°-80°)	1844.7	34.6			G2/5000
FVH	(80°-90°)	51.0	1.0			G1/100
BL	(0°-30°)	5.1	0.1	B0/110		
BM	(30°-60°)	8.7	0.2	B0/220		
BH	(60°-80°)	8.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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 II Short



REPORT NUMBER: P1048169

CATALOG NUMBER: GALN-SA2A-940-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
2.5°	39.7	40.0	39.3	37.8	36.7	36.7	36.4	35.3	35.3	34.2	33.4
5°	55.5	54.7	53.3	50.3	47.7	45.2	42.6	40.0	39.7	36.4	34.2
7.5°	90.7	91.5	86.7	77.5	69.8	59.9	50.7	45.2	44.4	38.9	34.5
10°	199.1	193.6	182.5	146.9	120.8	91.1	67.6	52.5	51.8	41.9	35.3
12.5°	362.9	358.5	338.3	301.5	234.3	163.1	98.8	65.0	62.8	44.4	35.6
15°	523.0	516.0	505.0	467.9	389.3	292.3	161.6	88.9	83.0	48.1	35.3
17.5°	625.1	626.2	616.3	600.5	549.8	432.6	279.1	132.6	121.2	54.7	34.5
20°	714.3	711.8	717.3	708.8	673.2	588.0	406.2	210.1	190.6	65.4	34.9
22.5°	817.2	823.4	827.5	825.6	786.3	713.6	550.5	314.4	289.8	84.8	36.0
25°	954.9	954.2	954.5	949.8	911.6	830.8	695.2	444.0	419.1	116.4	38.6
27.5°	1099.2	1103.7	1105.5	1088.2	1038.3	959.0	829.3	585.8	556.4	167.1	41.9
30°	1296.5	1292.8	1284.4	1249.1	1188.5	1090.1	961.5	734.5	703.7	238.0	47.0
32.5°	1562.4	1558.3	1515.7	1437.9	1347.2	1226.7	1094.5	883.7	846.2	326.5	54.0
35°	2000.5	2006.8	1902.1	1700.5	1537.8	1390.9	1241.8	1032.0	999.0	435.6	63.5
37.5°	2671.5	2637.4	2495.3	2139.0	1788.6	1595.8	1382.4	1181.9	1153.2	570.0	76.0
40°	3323.5	3289.7	3248.5	2911.0	2224.6	1821.7	1579.3	1357.8	1320.7	721.7	94.4
42.5°	4008.8	3990.1	3988.2	3733.7	3020.1	2176.8	1816.2	1563.8	1532.3	888.1	124.5
45°	4494.3	4475.6	4514.9	4559.3	4103.5	2937.8	2228.6	1831.6	1785.7	1090.1	172.6
47.5°	4559.7	4560.4	4665.5	4804.7	4908.6	4114.9	2778.1	2186.4	2130.6	1379.1	253.4
50°	4342.3	4350.7	4517.8	4766.8	5046.7	5102.5	3746.9	2701.3	2618.7	1721.8	368.0
52.5°	3928.4	3937.9	4170.8	4580.3	4919.6	5339.8	4887.7	3374.9	3279.8	2149.3	529.6
55°	3555.6	3561.4	3828.5	4345.9	4766.5	5210.9	5564.9	4274.3	4149.5	2675.2	689.0
57.5°	3186.5	3172.9	3346.6	3939.0	4740.4	5052.6	5664.8	5299.4	5161.7	3250.0	813.1
60°	2692.8	2670.1	2809.6	3186.5	4397.4	5156.5	5477.9	5866.5	5835.2	4050.3	909.0
61°	2408.9	2399.4	2539.7	2862.9	4108.7	5130.1	5433.1	5890.3	5893.6	4428.9	952.0
62.5°	1720.3	1747.5	1962.0	2382.1	3441.4	4958.6	5439.0	5816.5	5849.2	4932.1	1063.3
65°	764.7	808.4	975.1	1317.0	2001.3	4124.8	5386.8	5654.5	5638.4	5070.2	1446.7
67.5°	453.6	460.2	543.2	746.3	1060.0	2218.7	4753.6	5440.4	5418.8	4413.9	1800.0
70°	357.4	360.7	387.1	468.3	615.2	849.9	2713.0	4707.0	4801.4	3579.1	1762.2
72.5°	339.0	338.3	341.9	356.3	387.5	421.6	1050.4	3128.8	3320.9	2577.5	1477.5
75°	334.6	333.1	329.4	323.9	280.6	248.3	325.4	1383.9	1495.2	1761.1	1112.5
77.5°	324.7	325.0	325.8	310.7	240.6	175.6	157.6	444.0	546.1	1117.6	790.7
80°	219.6	222.9	228.4	222.6	216.3	127.1	111.3	157.9	160.1	627.3	522.3
82.5°	111.3	111.3	108.7	97.0	83.7	82.6	88.5	114.6	116.1	317.3	245.7
85°	67.2	70.9	72.4	65.7	60.2	55.5	67.6	91.1	94.4	123.0	57.3
87.5°	15.1	15.4	16.9	22.4	32.7	44.4	62.8	83.4	84.8	79.0	7.0
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: P1048169

CATALOG NUMBER: GALN-SA2A-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
2.5°	33.1	32.3	32.0	30.9	29.7	28.6	27.9	27.5	27.9	28.3	28.3
5°	32.7	31.6	29.7	27.9	26.4	25.0	23.5	23.1	23.1	23.5	23.5
7.5°	32.7	30.9	28.3	26.1	23.9	21.7	20.6	19.8	20.2	20.2	20.2
10°	32.7	30.5	27.2	23.9	21.3	18.7	16.9	16.2	16.2	16.2	16.2
12.5°	32.3	30.1	26.1	22.0	18.4	15.4	13.2	12.1	12.5	12.5	12.5
15°	31.6	29.0	24.6	18.7	14.7	11.8	9.5	8.4	8.8	9.5	9.9
17.5°	30.5	27.9	22.0	15.8	11.8	8.8	6.6	5.9	6.2	7.3	7.3
20°	30.1	26.8	19.5	12.9	8.8	6.2	4.4	3.7	4.0	5.5	5.9
22.5°	30.1	26.1	17.6	10.7	6.6	4.0	2.6	1.5	1.5	2.6	2.6
25°	30.5	25.7	16.2	8.8	4.8	2.9	1.5	0.7	1.5	4.0	4.8
27.5°	31.2	25.3	15.4	7.3	3.7	2.6	1.1	2.6	4.4	4.4	4.4
30°	32.0	24.6	14.3	6.2	3.3	1.8	1.8	3.7	3.7	4.4	4.8
32.5°	33.1	24.2	13.6	5.5	2.6	1.5	2.6	2.2	2.2	2.6	2.9
35°	35.3	24.6	12.9	5.5	2.6	1.8	2.2	1.1	0.7	0.7	0.7
37.5°	38.2	25.0	11.8	4.8	2.2	2.2	1.1	0.0	0.0	0.0	0.0
40°	43.0	26.1	11.0	4.4	1.8	1.8	0.4	0.0	0.0	0.0	0.0
42.5°	51.1	28.3	10.7	4.0	1.8	1.5	0.0	0.0	0.0	0.0	0.0
45°	67.2	33.4	9.9	3.7	1.8	0.7	0.0	0.0	0.0	0.0	0.0
47.5°	96.6	45.5	9.5	2.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	141.0	61.7	9.2	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	180.0	65.0	6.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	184.4	44.8	4.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	146.9	29.0	4.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	111.3	22.0	3.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	106.9	19.8	3.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	117.9	17.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	191.7	14.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	333.1	12.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	420.9	11.8	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	366.9	10.7	2.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	220.7	9.2	2.2	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	115.7	7.0	2.2	1.8	1.1	0.4	0.0	0.0	0.0	0.0	0.0
80°	56.2	6.2	2.6	1.8	1.5	0.7	0.0	0.0	0.0	0.0	0.0
82.5°	22.0	5.1	2.9	2.6	1.8	1.1	0.4	0.0	0.0	0.0	0.0
85°	9.9	4.4	3.3	2.9	2.6	1.5	0.4	0.0	0.0	0.0	0.0
87.5°	5.1	4.0	3.7	3.3	2.6	1.8	0.7	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

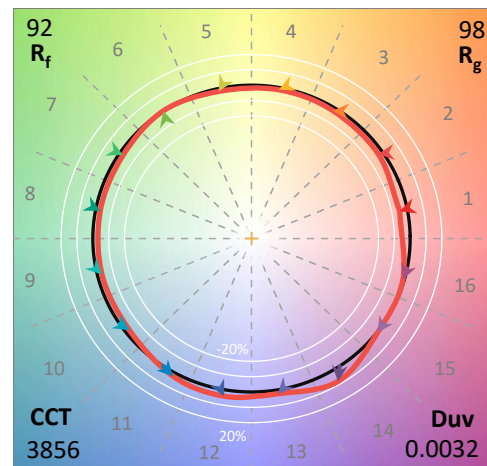
Test Information

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

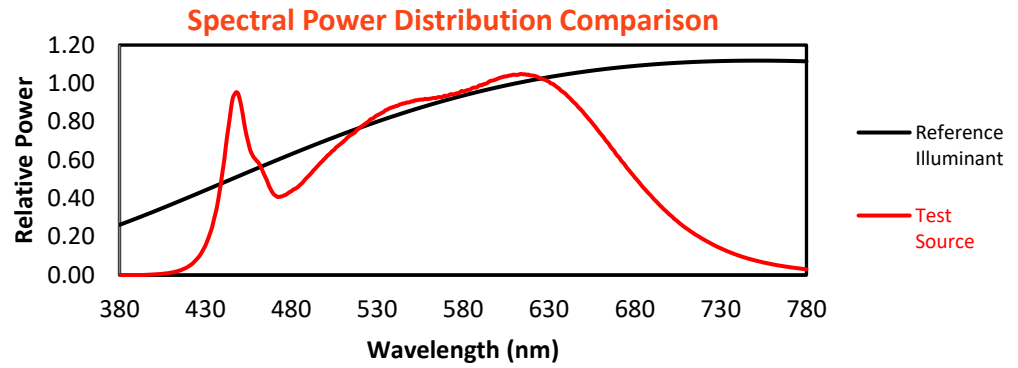
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	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

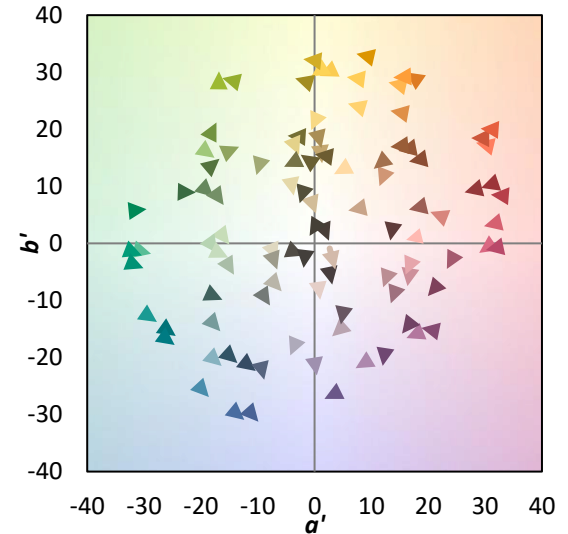
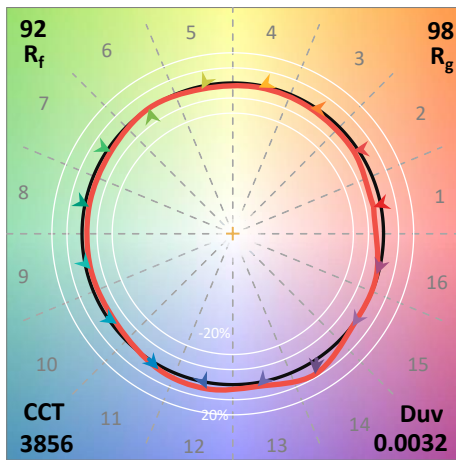
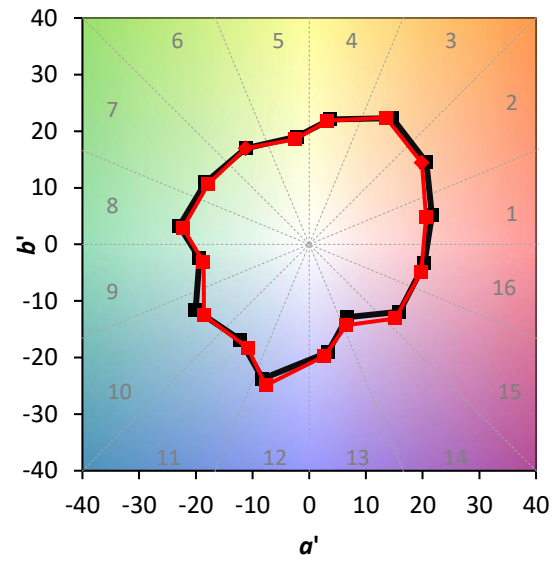
TM-30-18

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)