

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: P1048807

Luminaire Tested: **GALN-SA8C-940-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048807
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-940-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32701 lumens
Efficiency: N/A
Efficacy: 87.7 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): 372.9
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



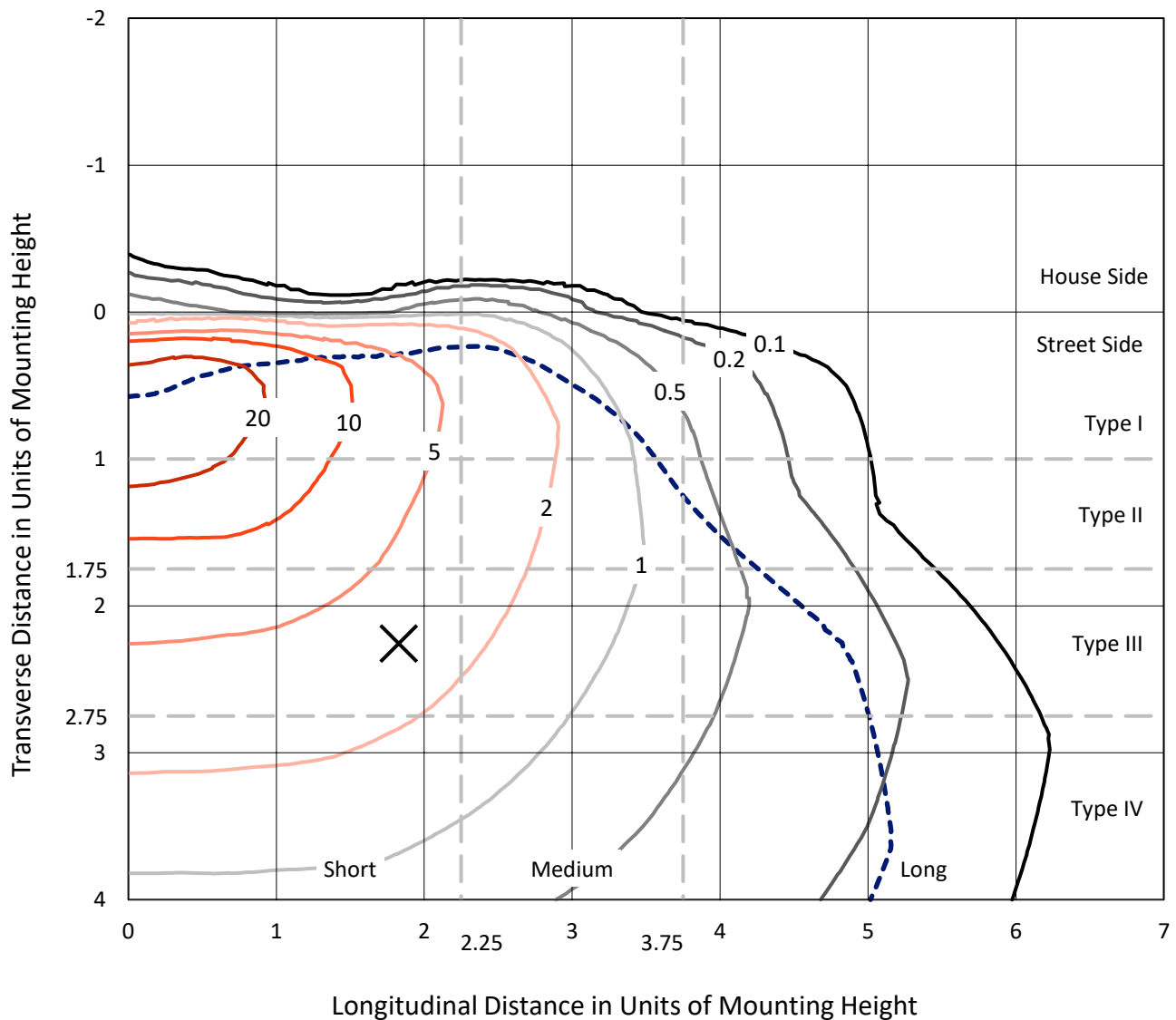
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CATALOG NUMBER: GALN-SA8C-940-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

✘ Max cd

--- 1/2 Max cd

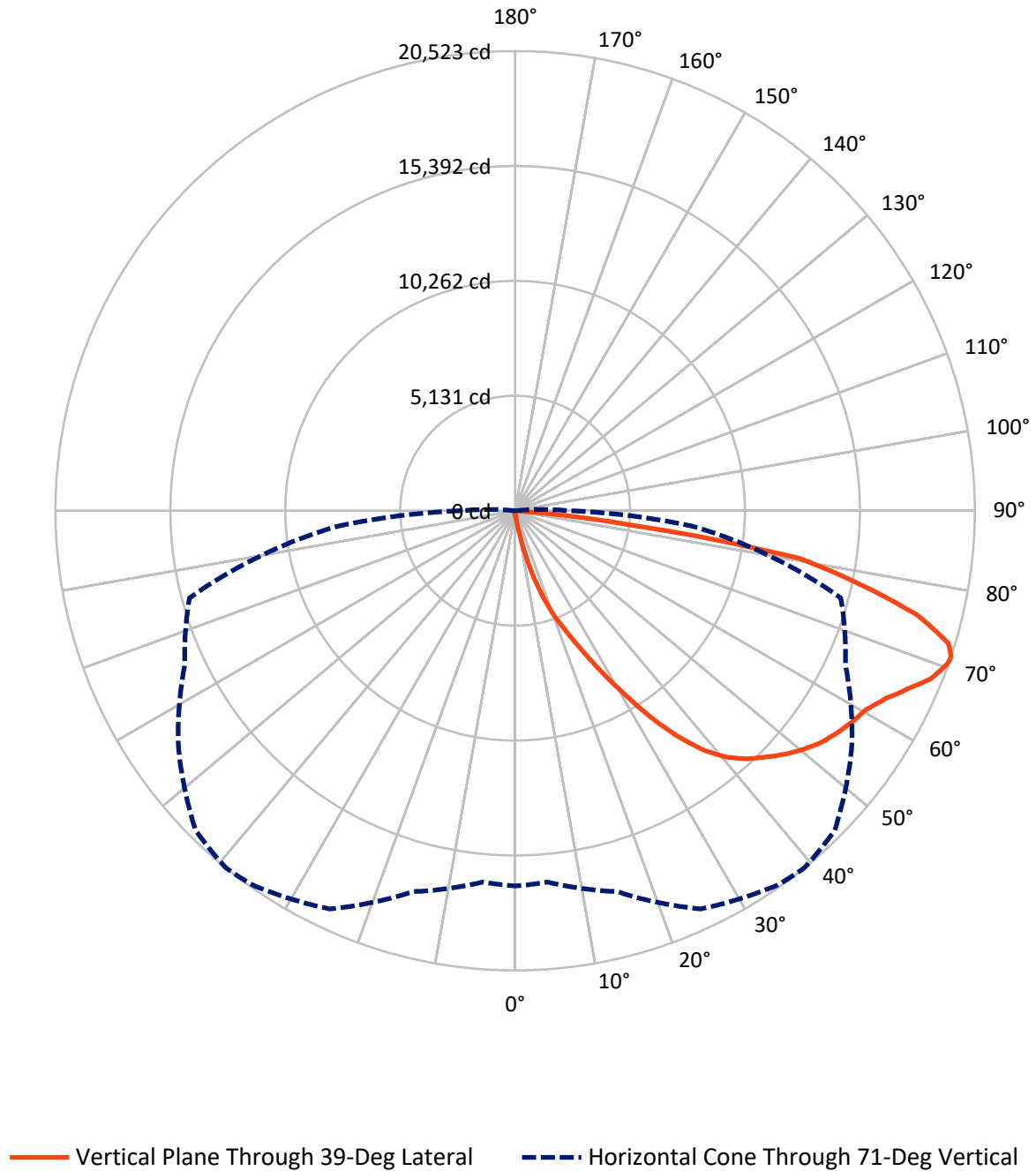


Based on 15 foot mounting height. Maximum calculated value = 33.6 fc
Type IV - Short - N/A

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CATALOG NUMBER: GALN-SA8C-940-U-T4BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	116.2	0.0	116.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	32584.8	0.0	32584.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	32701.0	0.0	32701.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.3	0.1
10°-20°	349.5	1.1
20°-30°	1244.7	3.8
30°-40°	2999.8	9.2
40°-50°	5020.4	15.4
50°-60°	6448.1	19.7
60°-70°	8160.1	25.0
70°-80°	7275.1	22.2
80°-90°	1176.0	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°	32701.0	100.0
0°-180°	32701.0	100.0



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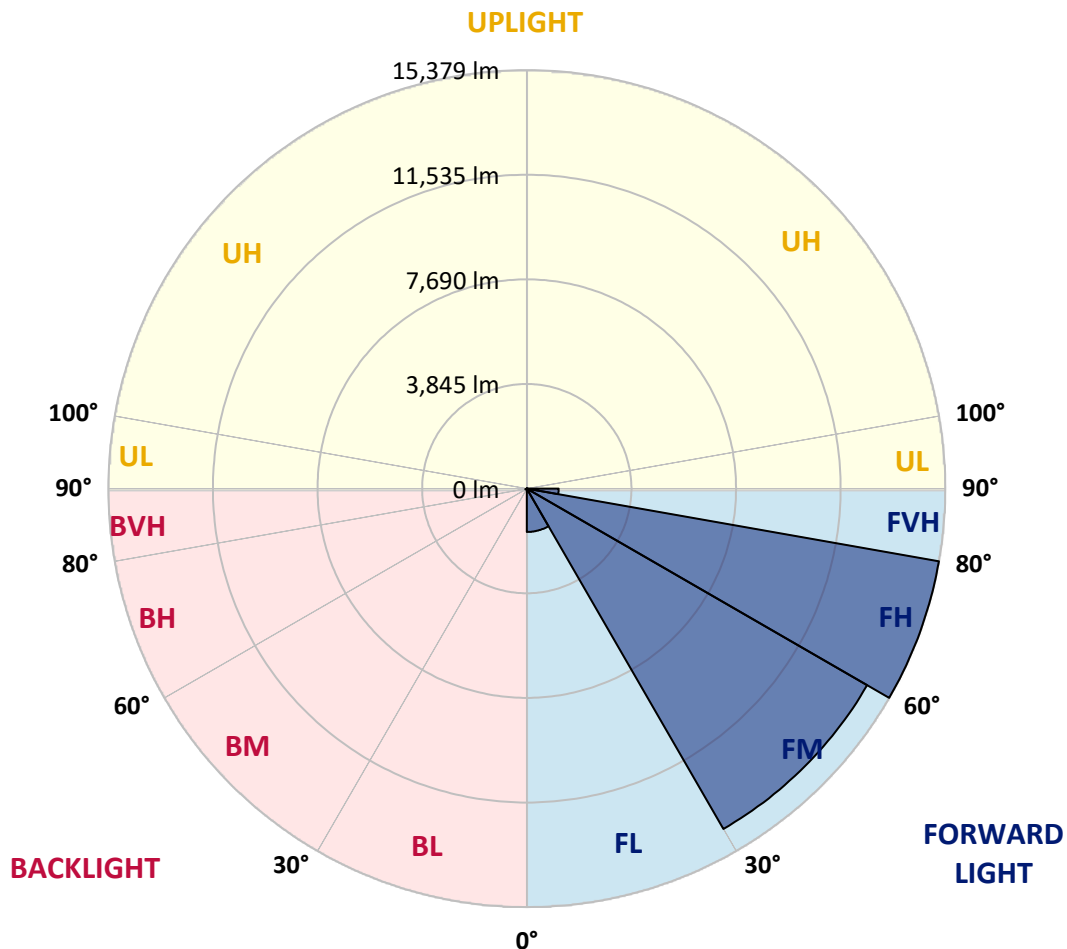
CATALOG NUMBER: GALN-SA8C-940-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1593.4	4.9			
FM	(30°-60°)	14441.4	44.2			
FH	(60°-80°)	15379.3	47.0			G5
FVH	(80°-90°)	1170.6	3.6			G5
BL	(0°-30°)	28.1	0.1	B0/110		
BM	(30°-60°)	26.9	0.1	B0/220		
BH	(60°-80°)	55.9	0.2	B0/110		G0/110
BVH	(80°-90°)	5.3	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



REPORT NUMBER: P1048807

CATALOG NUMBER: GALN-SA8C-940-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3
2.5°	205.9	205.9	205.9	199.2	199.2	197.0	194.8	194.8	190.4	188.2	183.7
5°	312.1	305.5	290.0	281.1	263.4	252.4	241.3	225.8	210.3	199.2	185.9
7.5°	706.2	721.7	670.7	575.6	478.2	436.1	365.3	294.4	243.5	210.3	188.2
10°	1799.7	1790.9	1618.2	1427.8	1102.4	971.8	761.5	480.4	314.3	230.2	190.4
12.5°	3061.5	3052.7	2849.0	2590.0	2160.6	1888.3	1489.8	896.5	451.6	261.2	190.4
15°	4121.9	4086.5	4022.3	3765.5	3263.0	3035.0	2508.1	1585.0	730.5	314.3	194.8
17.5°	4823.6	4792.6	4732.9	4639.9	4321.1	4051.0	3628.2	2490.4	1182.1	407.3	203.7
20°	5467.8	5445.7	5397.0	5379.3	5173.4	5029.5	4679.7	3530.8	1841.8	553.4	216.9
22.5°	6353.3	6306.8	6326.7	6220.5	6019.0	5846.3	5631.6	4620.0	2647.6	796.9	241.3
25°	7438.0	7415.8	7360.5	7285.2	7006.3	6855.8	6525.9	5647.1	3548.5	1115.7	267.9
27.5°	8748.5	8724.1	8710.9	8538.2	8217.2	8053.4	7592.9	6616.7	4562.4	1562.9	303.3
30°	10258.2	10269.3	10183.0	9961.6	9587.5	9357.3	8883.5	7632.8	5600.6	2087.5	340.9
32.5°	11821.1	11798.9	11666.1	11404.9	11070.6	10855.9	10253.8	8746.3	6689.8	2780.4	385.2
35°	13505.7	13463.6	13113.9	12815.0	12529.5	12259.4	11710.4	10039.1	7778.9	3557.4	445.0
37.5°	15205.8	15008.8	14307.1	13928.5	13731.5	13510.1	12998.8	11418.2	8861.4	4425.2	518.0
40°	16489.7	16337.0	15504.7	14807.3	14650.2	14462.0	14081.3	12609.2	10012.5	5357.1	606.5
42.5°	17200.3	17116.2	16368.0	15679.5	15309.9	15143.8	14818.4	13649.6	11150.3	6386.5	734.9
45°	17503.6	17373.0	16872.7	16551.7	15962.9	15688.4	15301.0	14435.4	12339.1	7555.3	914.3
47.5°	17410.6	17335.4	16976.8	17094.1	16666.8	16239.6	15670.7	15037.6	13355.2	8896.8	1160.0
50°	16826.2	16762.0	16651.3	17286.7	17233.5	16728.8	16148.8	15513.5	14185.3	10280.4	1540.7
52.5°	15715.0	15688.4	15971.7	17136.1	17554.5	17160.5	16609.3	15934.1	14960.1	11725.9	2085.3
55°	14282.7	14391.2	15201.4	16901.5	17718.3	17479.3	17016.6	16328.1	15582.1	13018.7	2888.9
57.5°	13693.9	13722.6	14734.3	16735.5	17791.4	17760.4	17412.9	16704.5	16153.3	14052.5	4115.2
60°	14382.3	14338.0	14871.5	16861.6	17937.5	18012.8	17764.8	17054.2	16649.1	14940.2	5748.9
62.5°	15626.4	15602.1	15772.5	17399.6	18364.7	18517.5	18254.1	17306.6	17087.4	15524.6	7612.9
65°	16737.7	16686.8	17003.3	18353.7	19115.2	19223.6	18993.4	17738.3	17280.0	15949.6	9363.9
67.5°	17218.0	17207.0	17716.1	19261.3	19903.3	20020.6	19819.1	18333.7	17235.8	16084.6	10136.5
70°	16998.9	16956.8	17771.5	19646.5	20348.2	20481.0	20286.2	18555.1	16755.4	15657.4	8992.0
71°	16757.6	16644.7	17605.4	19619.9	20410.2	20523.1	20182.2	18353.7	16272.8	15050.9	7953.8
72.5°	16009.4	16029.3	17149.4	19343.2	20261.9	20228.7	19593.3	17632.0	15690.6	13673.9	6388.7
75°	14167.6	14284.9	15672.9	18181.0	18938.1	18515.3	17543.5	16252.9	14521.8	9804.4	4436.2
77.5°	11577.6	11752.5	13277.7	15945.2	15730.5	15688.4	15648.5	14320.3	12401.1	5266.4	3085.9
80°	5527.6	5906.1	8009.1	11382.8	12365.6	12841.6	12542.7	11539.9	9589.7	2508.1	1844.0
82.5°	360.8	356.4	504.7	956.3	4031.1	5211.0	8279.2	8248.2	6685.3	1222.0	752.7
85°	170.5	174.9	192.6	219.2	254.6	278.9	385.2	2258.0	3198.8	582.2	163.8
87.5°	99.6	101.8	119.5	152.7	199.2	221.4	263.4	338.7	416.2	321.0	35.4
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: P1048807

CATALOG NUMBER: GALN-SA8C-940-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3
2.5°	181.5	179.3	172.7	166.0	159.4	155.0	152.7	155.0	155.0	157.2	157.2
5°	181.5	174.9	163.8	150.5	141.7	132.8	128.4	126.2	128.4	128.4	128.4
7.5°	179.3	168.2	152.7	137.2	126.2	115.1	110.7	108.5	108.5	110.7	110.7
10°	174.9	163.8	143.9	126.2	112.9	99.6	93.0	86.3	86.3	86.3	88.5
12.5°	172.7	157.2	132.8	115.1	97.4	81.9	68.6	62.0	64.2	64.2	64.2
15°	168.2	150.5	126.2	104.0	81.9	62.0	50.9	44.3	46.5	48.7	46.5
17.5°	168.2	148.3	117.3	90.8	64.2	46.5	37.6	33.2	33.2	35.4	35.4
20°	168.2	143.9	110.7	77.5	48.7	35.4	26.6	24.4	24.4	28.8	31.0
22.5°	172.7	143.9	101.8	64.2	39.8	26.6	19.9	17.7	19.9	24.4	26.6
25°	179.3	141.7	93.0	57.6	33.2	19.9	15.5	11.1	13.3	17.7	19.9
27.5°	185.9	139.5	84.1	50.9	26.6	15.5	11.1	8.9	6.6	8.9	8.9
30°	192.6	139.5	75.3	42.1	22.1	11.1	6.6	4.4	2.2	0.0	0.0
32.5°	197.0	135.0	68.6	33.2	17.7	8.9	4.4	2.2	0.0	0.0	0.0
35°	201.4	130.6	59.8	26.6	13.3	6.6	2.2	0.0	0.0	0.0	0.0
37.5°	205.9	124.0	50.9	22.1	11.1	4.4	0.0	0.0	0.0	0.0	0.0
40°	210.3	115.1	42.1	19.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	214.7	108.5	35.4	15.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	225.8	104.0	28.8	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	245.7	99.6	26.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	274.5	95.2	24.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	314.3	93.0	22.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	385.2	90.8	19.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	506.9	88.5	19.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	777.0	84.1	19.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1388.0	81.9	17.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2419.6	84.1	17.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3468.8	88.5	15.5	6.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	2968.6	77.5	15.5	8.9	4.4	2.2	0.0	0.0	0.0	0.0	0.0
71°	2419.6	68.6	15.5	8.9	4.4	2.2	2.2	0.0	0.0	0.0	0.0
72.5°	1556.2	53.1	13.3	8.9	4.4	4.4	2.2	0.0	0.0	0.0	0.0
75°	657.5	44.3	13.3	8.9	6.6	4.4	4.4	2.2	0.0	0.0	0.0
77.5°	281.1	33.2	13.3	11.1	8.9	6.6	6.6	4.4	2.2	0.0	0.0
80°	106.3	26.6	15.5	13.3	11.1	11.1	8.9	4.4	2.2	0.0	0.0
82.5°	48.7	22.1	15.5	13.3	13.3	11.1	8.9	6.6	4.4	0.0	0.0
85°	31.0	19.9	15.5	13.3	13.3	11.1	11.1	6.6	4.4	0.0	0.0
87.5°	24.4	19.9	15.5	15.5	13.3	13.3	8.9	6.6	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: SP1-2407-184-16

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

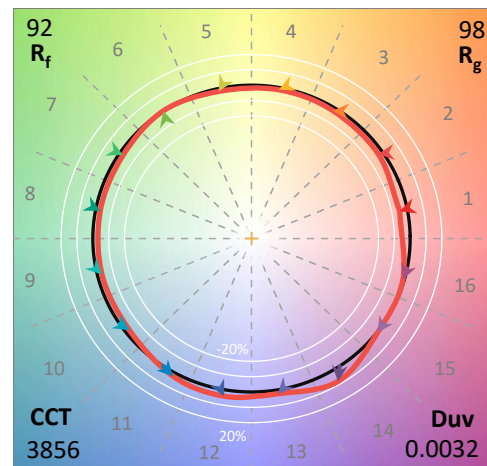
Test Information

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

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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



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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	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			

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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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

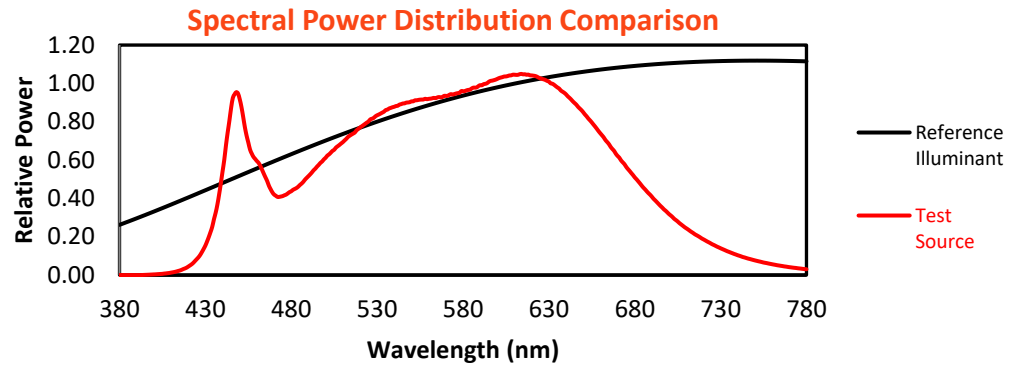
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	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			

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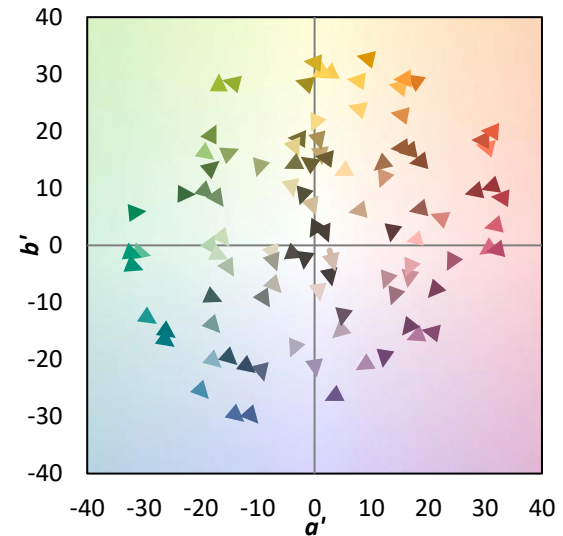
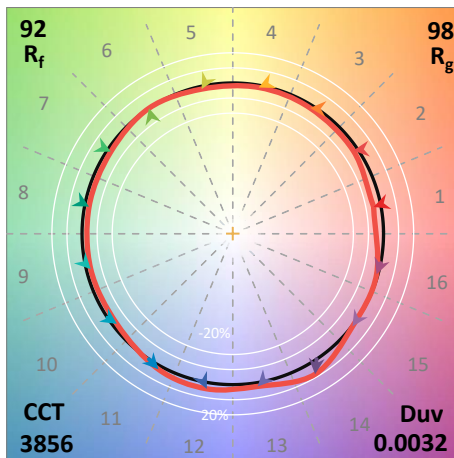
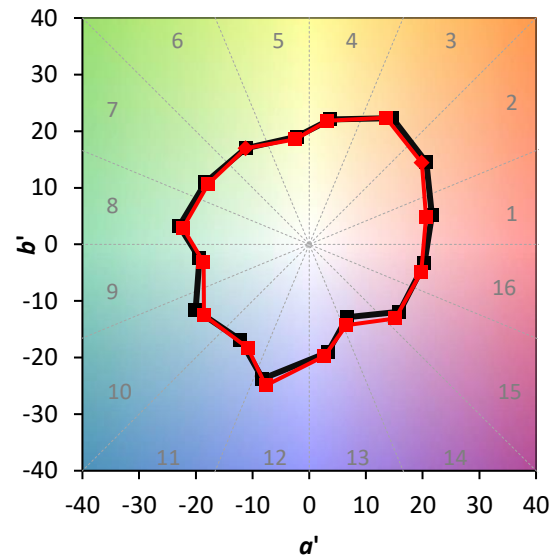
TM-30-18

Summary

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



Color Vector Graphics

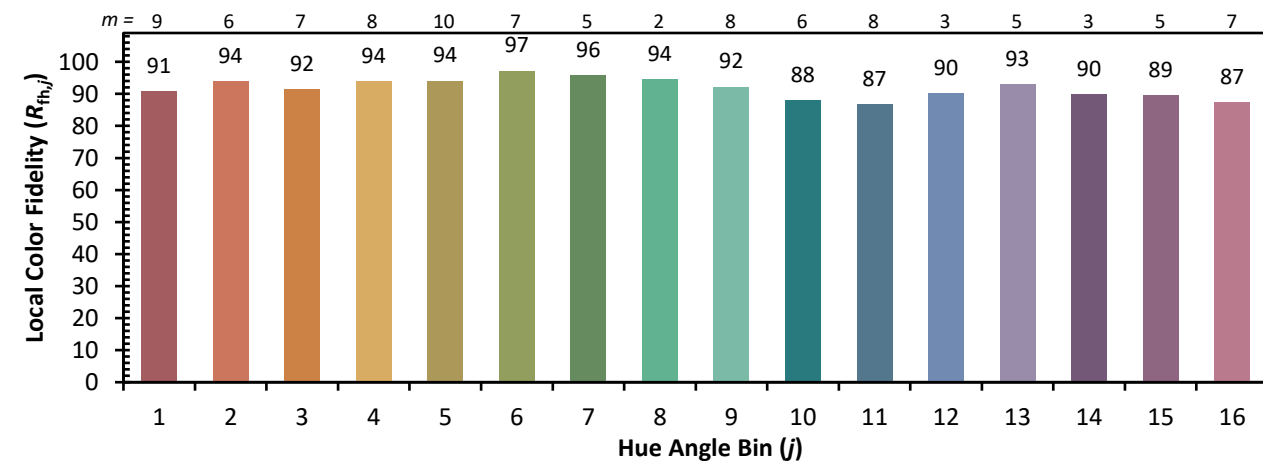
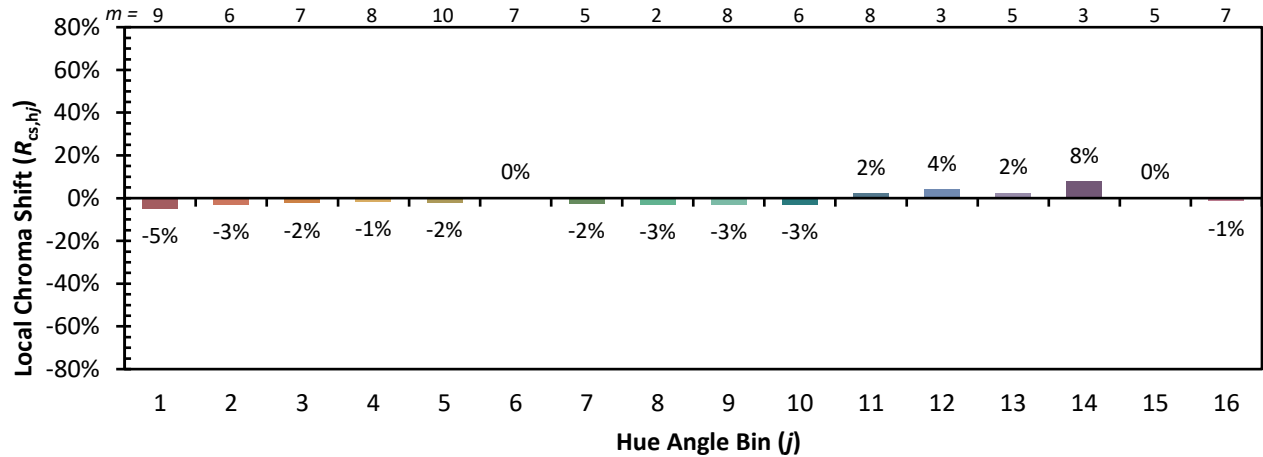


Individual Sample Fidelity Index ($R_{f,i}$)

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)