

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: P1047559

Luminaire Tested: **GALN-SA2C-940-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047559
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-940-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8706.3 lumens
Efficiency: N/A
Efficacy: 90.5 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): 96.2
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



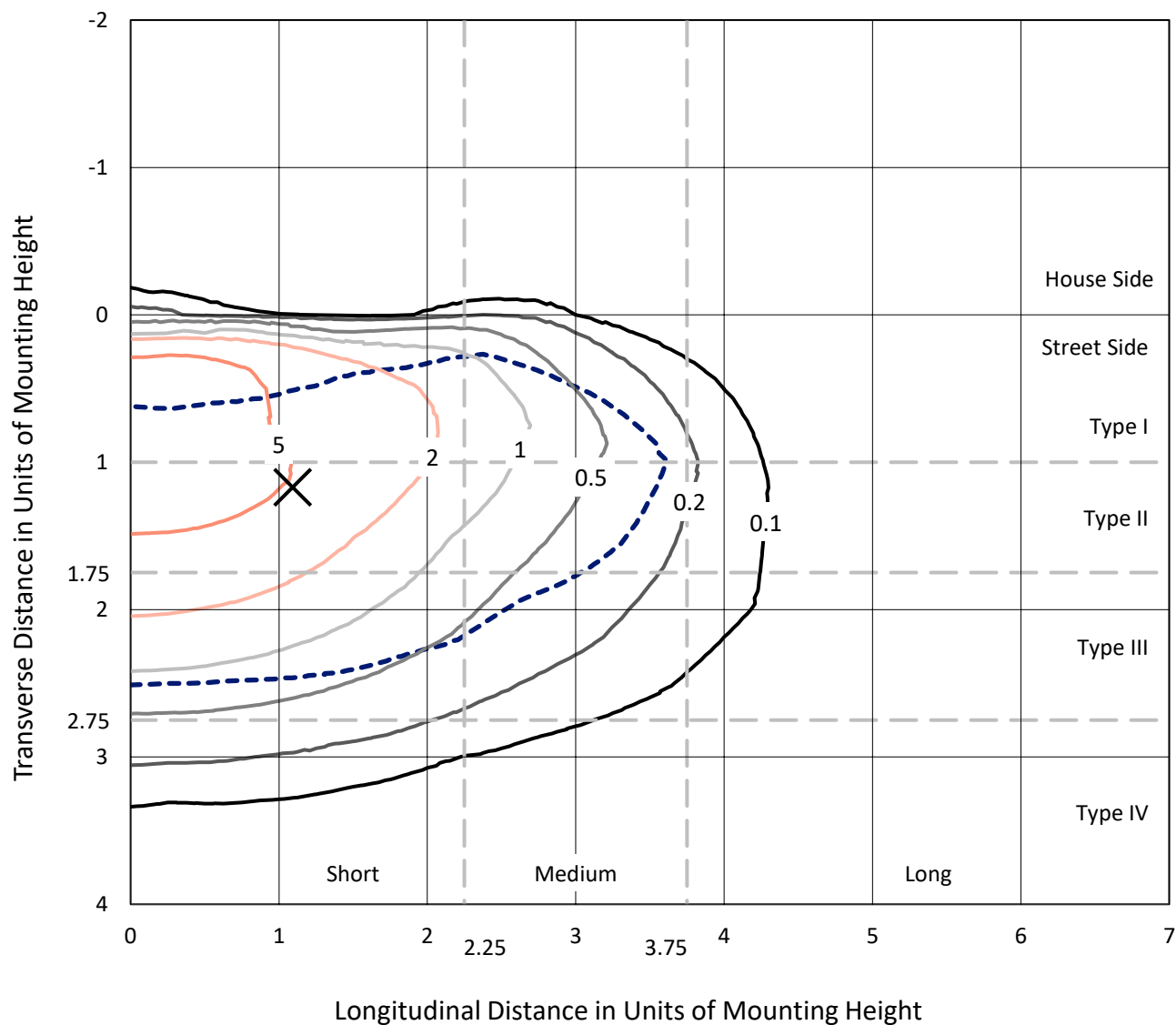
REPORT NUMBER: P1047559

CATALOG NUMBER: GALN-SA2C-940-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

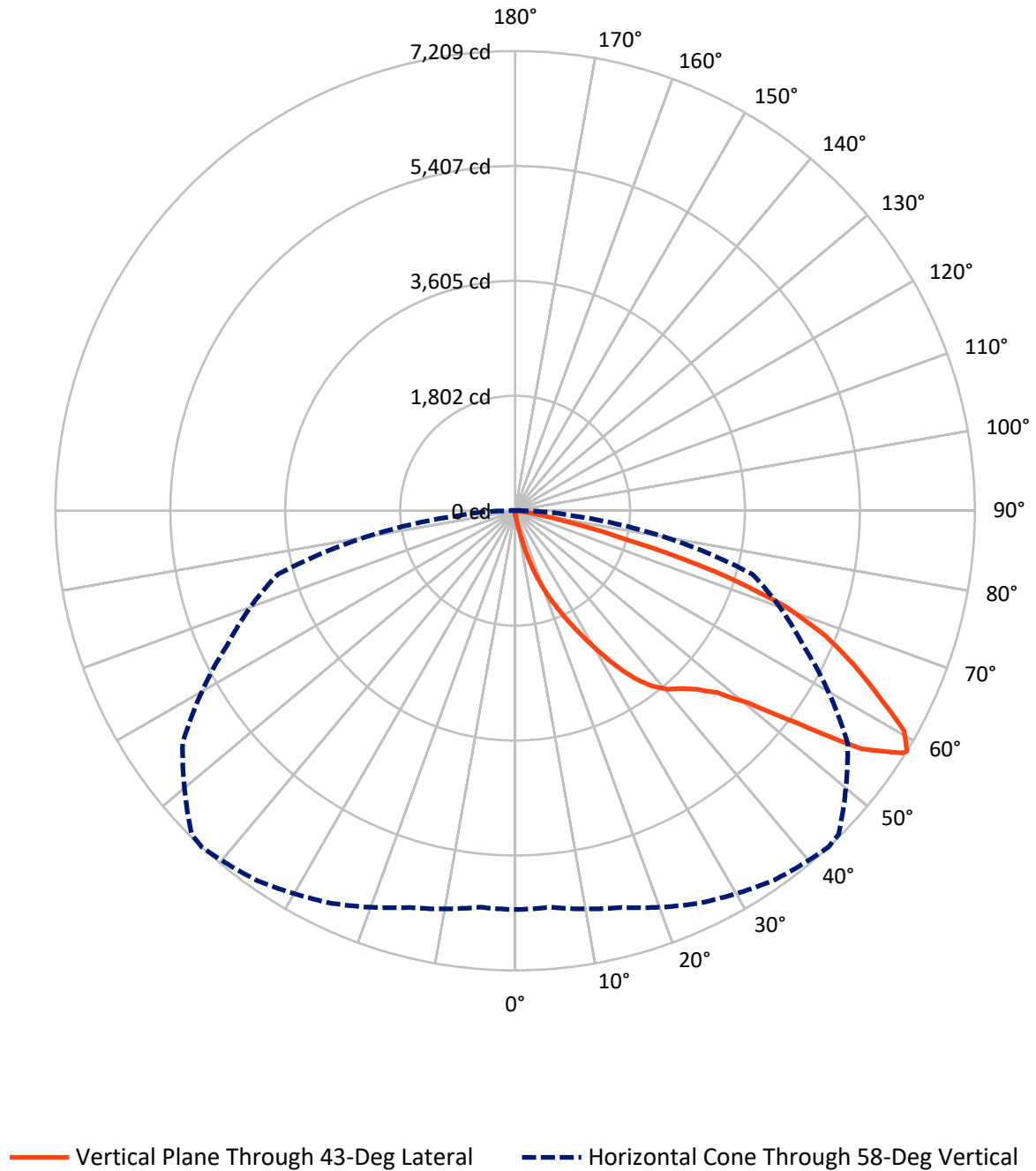


Based on 15 foot mounting height. Maximum calculated value = 9.8 fc
 Type III - Short - N/A

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CATALOG NUMBER: GALN-SA2C-940-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.8	0.0	31.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8674.5	0.0	8674.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	8706.3	0.0	8706.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.3	0.1
10°-20°	100.1	1.1
20°-30°	360.7	4.1
30°-40°	825.3	9.5
40°-50°	1392.0	16.0
50°-60°	2297.1	26.4
60°-70°	2567.3	29.5
70°-80°	1060.0	12.2
80°-90°	95.6	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°	8706.3	100.0
0°-180°	8706.3	100.0



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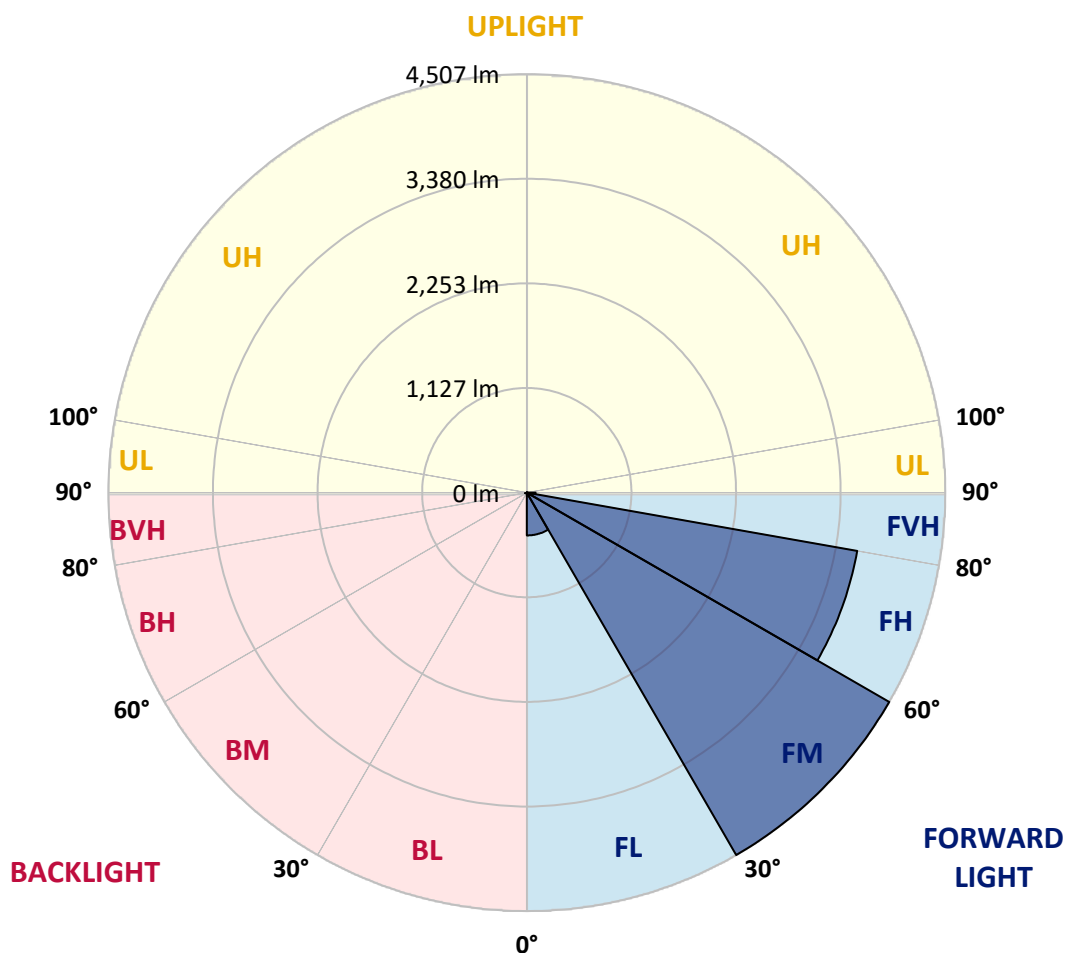
CATALOG NUMBER: GALN-SA2C-940-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	460.8	5.3			
FM	(30°-60°)	4506.7	51.8			
FH	(60°-80°)	3612.7	41.5			G2/5000
FVH	(80°-90°)	94.2	1.1			G1/100
BL	(0°-30°)	8.3	0.1	B0/110		
BM	(30°-60°)	7.6	0.1	B0/220		
BH	(60°-80°)	14.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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-G2

Type III Short



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CATALOG NUMBER: GALN-SA2C-940-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
2.5°	68.3	70.6	68.3	68.3	68.3	66.0	66.0	63.8	63.8	61.5	59.2
5°	100.2	100.2	93.4	88.8	84.3	82.0	79.7	75.1	70.6	66.0	61.5
7.5°	223.2	223.2	202.7	175.3	138.9	118.4	113.9	93.4	79.7	70.6	61.5
10°	532.8	532.8	487.3	412.1	318.8	236.8	211.8	134.3	95.6	75.1	63.8
12.5°	885.8	897.2	840.2	744.6	605.7	462.2	412.1	245.9	127.5	82.0	63.8
15°	1202.3	1175.0	1159.0	1067.9	935.9	765.1	701.3	414.4	184.4	93.4	63.8
17.5°	1416.3	1416.3	1393.6	1332.1	1211.4	1061.1	1008.7	669.5	298.3	107.0	66.0
20°	1666.8	1666.8	1625.8	1582.6	1475.5	1348.0	1297.9	951.8	462.2	136.6	66.0
22.5°	1969.7	1974.2	1928.7	1851.2	1748.8	1607.6	1564.3	1213.7	669.5	182.2	68.3
25°	2338.5	2343.1	2277.1	2204.2	2047.1	1894.5	1828.5	1514.2	922.2	255.0	68.3
27.5°	2746.1	2778.0	2680.1	2554.9	2388.6	2197.4	2147.3	1785.2	1172.7	359.8	72.9
30°	3253.9	3253.9	3124.1	2948.8	2768.9	2532.1	2468.3	2069.8	1439.1	498.7	77.4
32.5°	3691.1	3656.9	3490.7	3306.3	3115.0	2894.1	2825.8	2368.1	1712.3	671.7	86.5
35°	4025.8	3996.2	3791.3	3593.2	3427.0	3224.3	3142.3	2691.5	2001.5	867.6	100.2
37.5°	4312.7	4301.4	4023.6	3775.4	3666.1	3488.4	3415.6	2996.6	2286.2	1079.3	116.1
40°	4627.0	4590.5	4294.5	3987.1	3823.2	3679.7	3613.7	3242.5	2559.4	1327.5	138.9
42.5°	4895.7	4852.4	4586.0	4285.4	4005.3	3811.8	3748.0	3449.7	2825.8	1575.7	168.5
45°	5194.0	5171.2	4902.5	4674.8	4301.4	3991.7	3907.4	3616.0	3069.5	1871.7	207.2
47.5°	5642.5	5601.6	5351.1	5164.4	4731.7	4264.9	4144.2	3786.7	3304.0	2163.2	266.4
50°	6164.0	6136.7	5988.6	5840.6	5410.3	4731.7	4588.3	4032.7	3565.9	2509.3	343.8
52.5°	6589.8	6585.2	6603.5	6605.7	6280.1	5517.3	5303.3	4428.9	3866.4	2850.9	453.1
55°	6580.7	6601.2	6801.6	7031.5	7056.6	6589.8	6382.6	5096.0	4258.1	3272.1	605.7
57.5°	6334.8	6318.8	6530.6	6876.7	7120.3	7170.4	7136.3	6132.1	4847.8	3779.9	840.2
58°	6255.1	6241.4	6441.8	6794.7	7074.8	7209.2	7175.0	6366.6	4979.9	3852.8	904.0
60°	5965.9	5968.2	6086.6	6407.6	6687.7	7006.5	7038.4	7036.1	5638.0	4340.1	1225.1
62.5°	5583.3	5565.1	5674.4	5936.3	6182.2	6396.2	6450.9	7081.6	6601.2	4959.4	1837.6
65°	5055.1	5027.7	5143.9	5439.9	5704.0	5842.9	5845.2	6471.4	7054.3	5624.3	2712.0
67.5°	4073.6	4050.9	4283.1	4663.4	5071.0	5253.2	5335.1	5615.2	6671.8	6075.2	3212.9
70°	2495.7	2543.5	2866.8	3463.4	4160.2	4494.9	4617.9	4704.4	5681.2	6006.9	2686.9
72.5°	1152.2	1095.3	1370.8	1787.5	2582.2	3326.8	3454.3	3793.6	4504.0	5214.5	2003.8
75°	537.4	516.9	580.6	781.0	1170.4	1796.6	2028.9	3028.5	3454.3	3627.3	1445.9
77.5°	275.5	277.8	330.2	355.2	482.7	831.1	954.1	1992.4	2532.1	2024.3	970.0
80°	120.7	125.2	127.5	138.9	195.8	321.1	362.1	924.5	1730.6	1031.5	530.6
82.5°	77.4	79.7	79.7	79.7	93.4	127.5	145.7	371.2	863.0	512.3	163.9
85°	41.0	41.0	45.5	56.9	66.0	77.4	82.0	118.4	284.6	152.6	38.7
87.5°	22.8	25.0	27.3	34.2	43.3	52.4	56.9	82.0	109.3	104.7	9.1
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: P1047559

CATALOG NUMBER: GALN-SA2C-940-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
2.5°	59.2	56.9	54.6	52.4	50.1	47.8	47.8	47.8	47.8	47.8	47.8
5°	56.9	54.6	52.4	47.8	43.3	41.0	38.7	36.4	36.4	36.4	36.4
7.5°	56.9	54.6	47.8	43.3	38.7	34.2	29.6	29.6	29.6	29.6	29.6
10°	56.9	52.4	45.5	38.7	31.9	27.3	25.0	22.8	22.8	22.8	22.8
12.5°	56.9	50.1	43.3	34.2	27.3	22.8	20.5	18.2	18.2	18.2	18.2
15°	56.9	50.1	41.0	31.9	25.0	18.2	15.9	13.7	13.7	13.7	13.7
17.5°	54.6	47.8	38.7	27.3	20.5	13.7	11.4	9.1	9.1	11.4	11.4
20°	52.4	45.5	34.2	22.8	15.9	11.4	6.8	6.8	6.8	6.8	6.8
22.5°	52.4	45.5	31.9	20.5	13.7	6.8	4.6	4.6	4.6	4.6	6.8
25°	52.4	43.3	27.3	15.9	9.1	4.6	2.3	2.3	2.3	2.3	2.3
27.5°	52.4	43.3	25.0	13.7	6.8	4.6	2.3	0.0	0.0	0.0	0.0
30°	50.1	41.0	22.8	11.4	4.6	2.3	0.0	0.0	0.0	0.0	0.0
32.5°	50.1	38.7	18.2	9.1	4.6	2.3	0.0	0.0	0.0	0.0	0.0
35°	52.4	36.4	15.9	6.8	2.3	0.0	0.0	0.0	0.0	0.0	2.3
37.5°	54.6	34.2	13.7	4.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	56.9	31.9	13.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	61.5	31.9	11.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	66.0	31.9	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	75.1	34.2	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	82.0	36.4	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	91.1	34.2	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	102.5	34.2	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	111.6	31.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	116.1	29.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	138.9	27.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	216.3	22.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	439.5	20.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	819.7	18.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	917.7	20.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	578.4	15.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	305.1	15.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	152.6	15.9	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	70.6	11.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	29.6	6.8	4.6	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.7	6.8	4.6	4.6	2.3	2.3	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	6.8	6.8	4.6	4.6	2.3	2.3	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

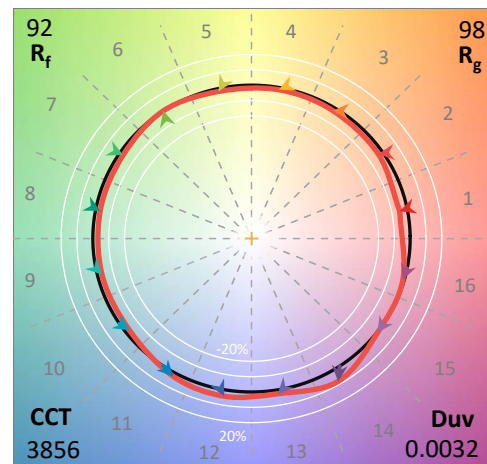
Test Information

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

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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			

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

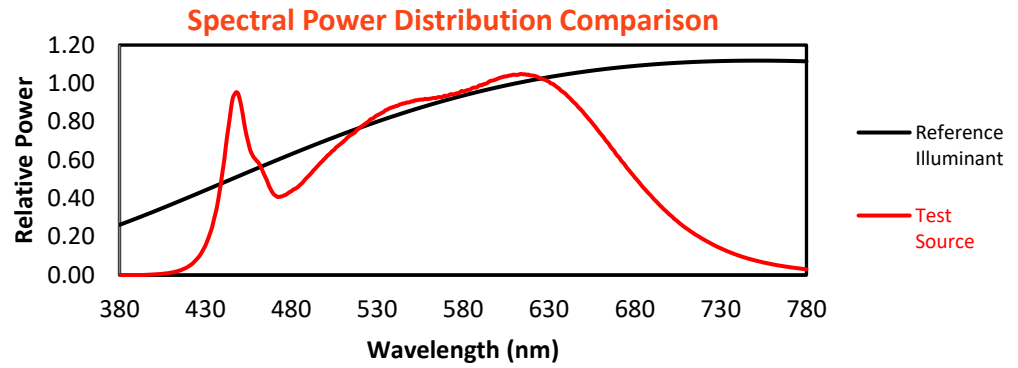
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492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

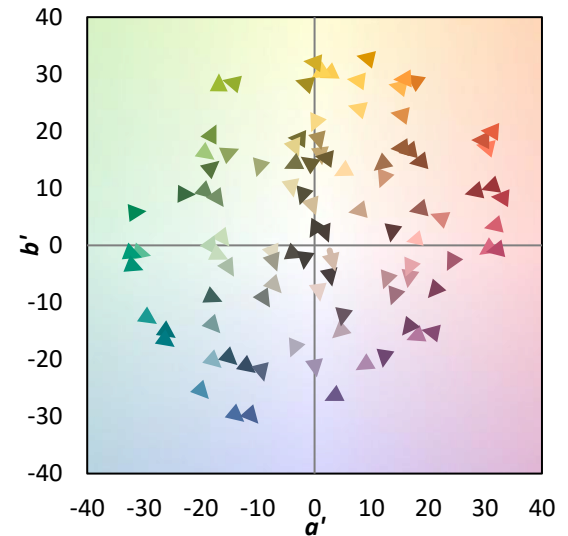
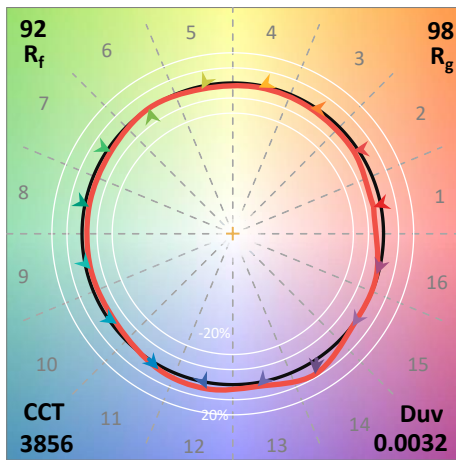
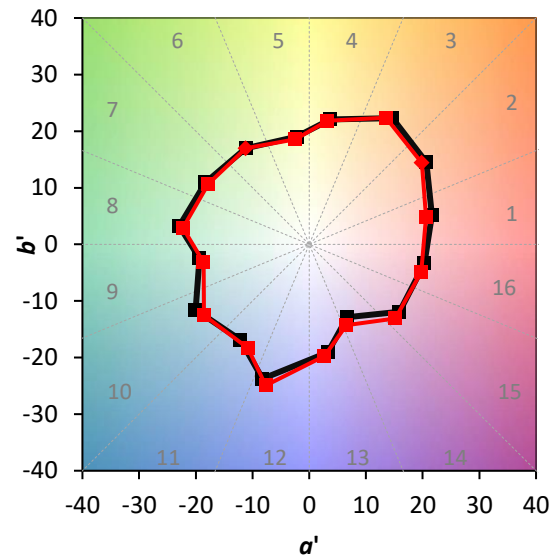
TM-30-18

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)