

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: P1047581

Luminaire Tested: **GALN-SA8A-940-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047581
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-940-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21915.7 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 217.6
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



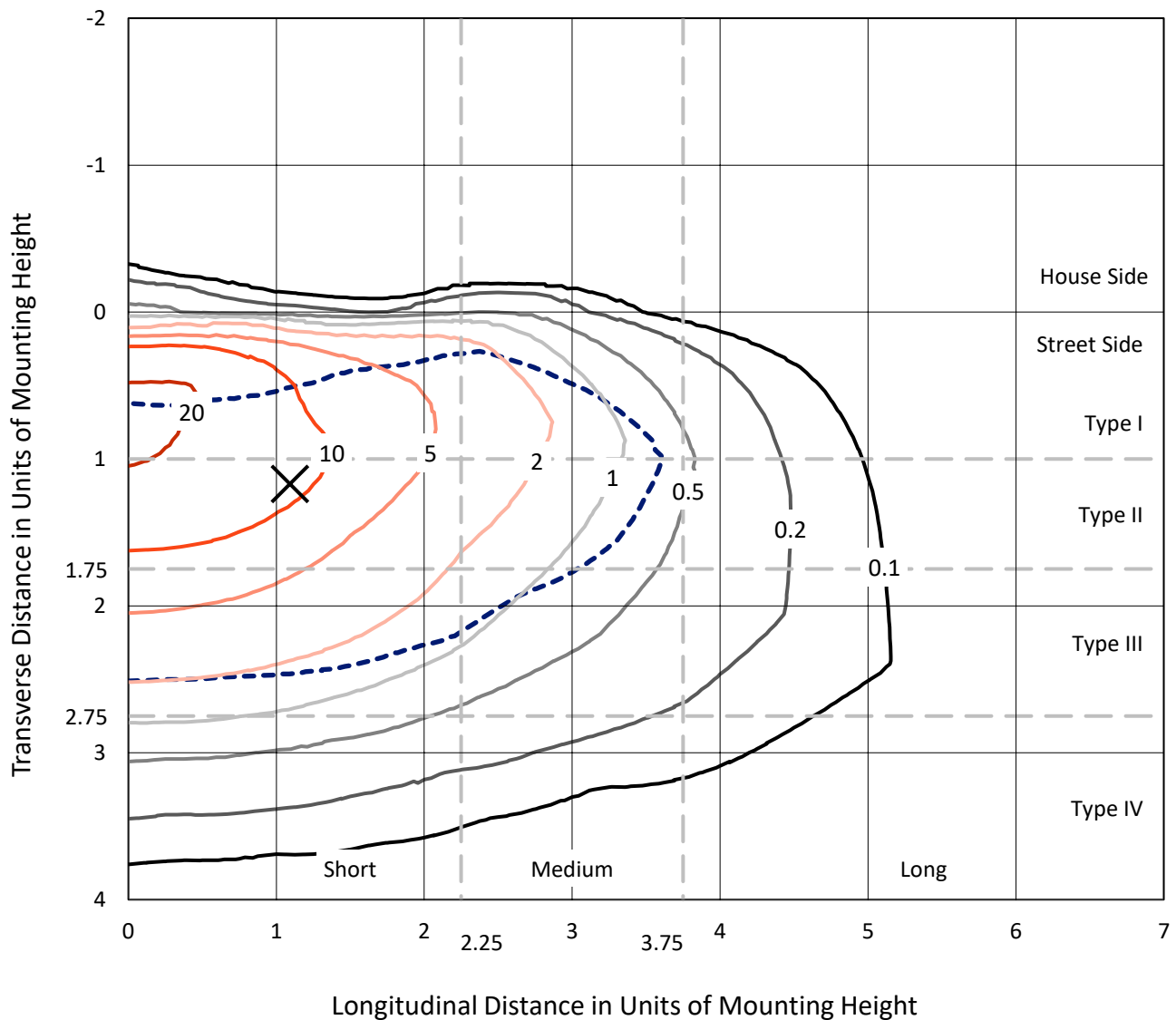
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CATALOG NUMBER: GALN-SA8A-940-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

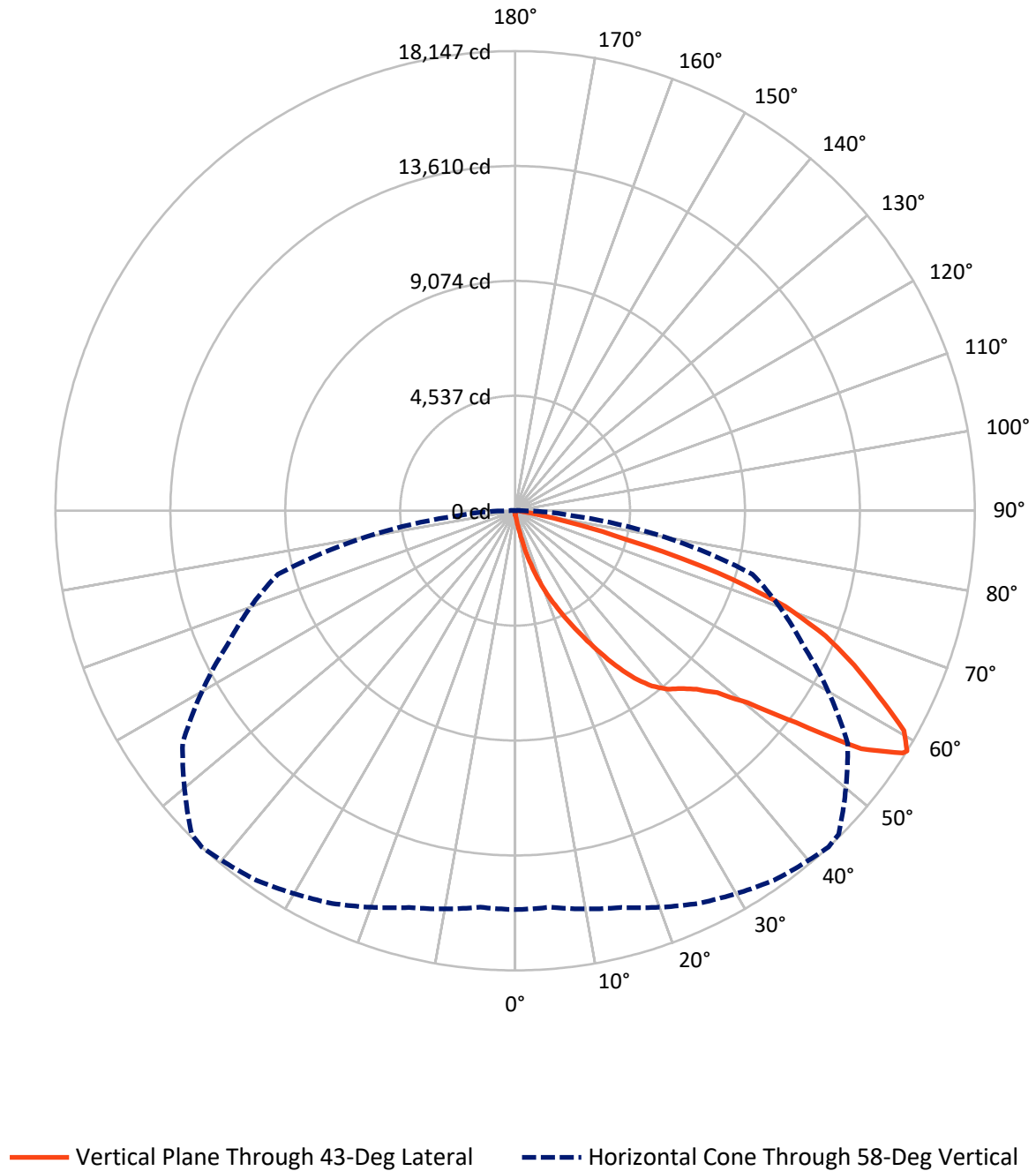


Based on 15 foot mounting height. Maximum calculated value = 24.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	80.0	0.0	80.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21835.7	0.0	21835.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	21915.7	0.0	21915.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.0	0.1
10°-20°	251.9	1.1
20°-30°	908.0	4.1
30°-40°	2077.5	9.5
40°-50°	3503.9	16.0
50°-60°	5782.2	26.4
60°-70°	6462.4	29.5
70°-80°	2668.2	12.2
80°-90°	240.5	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°	21915.7	100.0
0°-180°	21915.7	100.0

Coefficient of Utilization



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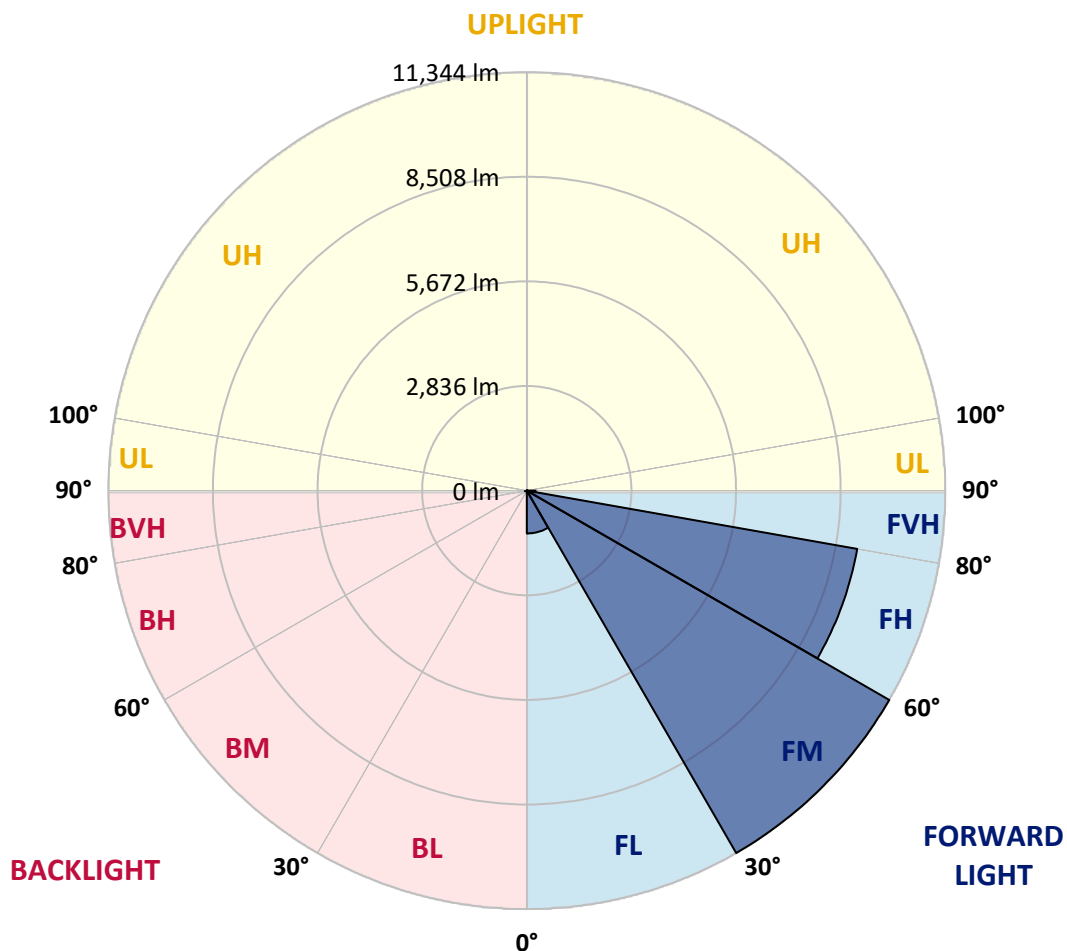
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1160.0	5.3			
FM	(30°-60°)	11344.4	51.8			
FH	(60°-80°)	9094.0	41.5			G4/12000
FVH	(80°-90°)	237.2	1.1			G3/500
BL	(0°-30°)	20.9	0.1	B0/110		
BM	(30°-60°)	19.2	0.1	B0/220		
BH	(60°-80°)	36.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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-G4

Type III Short



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CATALOG NUMBER: GALN-SA8A-940-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2.5°	172.0	177.7	172.0	172.0	172.0	166.2	166.2	160.5	160.5	154.8	149.0
5°	252.2	252.2	235.0	223.5	212.1	206.3	200.6	189.2	177.7	166.2	154.8
7.5°	561.7	561.7	510.1	441.4	349.6	298.1	286.6	235.0	200.6	177.7	154.8
10°	1341.3	1341.3	1226.6	1037.5	802.5	596.1	533.1	338.2	240.7	189.2	160.5
12.5°	2229.7	2258.4	2115.1	1874.3	1524.7	1163.6	1037.5	619.0	321.0	206.3	160.5
15°	3026.4	2957.6	2917.5	2688.2	2355.8	1925.9	1765.4	1043.2	464.3	235.0	160.5
17.5°	3565.2	3565.2	3507.9	3353.1	3049.3	2671.0	2539.2	1685.2	750.9	269.4	166.2
20°	4195.7	4195.7	4092.5	3983.6	3714.2	3393.3	3267.2	2395.9	1163.6	343.9	166.2
22.5°	4958.1	4969.5	4854.9	4660.0	4402.1	4046.7	3937.8	3055.1	1685.2	458.5	172.0
25°	5886.6	5898.1	5731.9	5548.4	5152.9	4768.9	4602.7	3811.7	2321.4	642.0	172.0
27.5°	6912.6	6992.9	6746.4	6431.1	6012.7	5531.2	5405.1	4493.8	2951.9	905.6	183.4
30°	8190.8	8190.8	7864.1	7422.7	6969.9	6373.8	6213.3	5210.3	3622.5	1255.3	194.9
32.5°	9291.3	9205.4	8786.9	8322.7	7841.2	7285.2	7113.2	5961.1	4310.4	1690.9	217.8
35°	10133.9	10059.4	9543.5	9044.9	8626.4	8116.3	7910.0	6775.1	5038.3	2183.8	252.2
37.5°	10856.1	10827.5	10128.2	9503.4	9228.3	8781.2	8597.8	7543.1	5754.8	2716.9	292.3
40°	11647.1	11555.4	10810.3	10036.5	9623.8	9262.7	9096.5	8162.2	6442.6	3341.7	349.6
42.5°	12323.5	12214.6	11544.0	10787.3	10082.3	9595.1	9434.6	8683.8	7113.2	3966.4	424.2
45°	13074.4	13017.0	12340.7	11767.5	10827.5	10047.9	9835.9	9102.2	7726.5	4711.6	521.6
47.5°	14203.5	14100.4	13469.9	12999.8	11910.8	10735.8	10432.0	9532.1	8316.9	5445.3	670.6
50°	15516.1	15447.3	15074.8	14702.2	13618.9	11910.8	11549.7	10151.1	8976.1	6316.5	865.5
52.5°	16588.0	16576.5	16622.4	16628.1	15808.5	13888.3	13349.5	11148.5	9732.7	7176.3	1140.6
55°	16565.1	16616.6	17121.0	17700.0	17763.0	16588.0	16066.4	12827.9	10718.6	8236.7	1524.7
57.5°	15946.0	15905.9	16439.0	17310.2	17923.5	18049.6	17963.6	15435.9	12203.1	9514.9	2115.1
58°	15745.4	15711.0	16215.4	17103.8	17808.9	18147.0	18061.1	16026.3	12535.6	9698.3	2275.5
60°	15017.5	15023.2	15321.2	16129.4	16834.5	17636.9	17717.2	17711.4	14192.1	10924.9	3083.7
62.5°	14054.5	14008.6	14283.8	14942.9	15562.0	16100.8	16238.3	17826.1	16616.6	12484.0	4625.6
65°	12724.7	12655.9	12948.3	13693.4	14358.3	14707.9	14713.7	16289.9	17757.3	14157.7	6826.6
67.5°	10254.3	10197.0	10781.6	11738.8	12764.8	13223.4	13429.7	14134.7	16794.3	15292.6	8087.6
70°	6282.1	6402.5	7216.4	8718.1	10472.1	11314.7	11624.2	11842.0	14301.0	15120.6	6763.6
72.5°	2900.3	2757.0	3450.6	4499.5	6499.9	8374.2	8695.2	9549.3	11337.6	13125.9	5044.0
75°	1352.7	1301.1	1461.6	1966.0	2946.2	4522.4	5107.1	7623.4	8695.2	9130.8	3639.7
77.5°	693.6	699.3	831.1	894.2	1215.2	2092.1	2401.6	5015.4	6373.8	5095.6	2441.8
80°	303.8	315.3	321.0	349.6	492.9	808.2	911.4	2327.1	4356.2	2596.5	1335.5
82.5°	194.9	200.6	200.6	200.6	235.0	321.0	366.8	934.3	2172.4	1289.7	412.7
85°	103.2	103.2	114.6	143.3	166.2	194.9	206.3	298.1	716.5	384.0	97.4
87.5°	57.3	63.1	68.8	86.0	108.9	131.8	143.3	206.3	275.1	263.7	22.9
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-SA8A-940-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
2.5°	149.0	143.3	137.6	131.8	126.1	120.4	120.4	120.4	120.4	120.4	120.4
5°	143.3	137.6	131.8	120.4	108.9	103.2	97.4	91.7	91.7	91.7	91.7
7.5°	143.3	137.6	120.4	108.9	97.4	86.0	74.5	74.5	74.5	74.5	74.5
10°	143.3	131.8	114.6	97.4	80.2	68.8	63.1	57.3	57.3	57.3	57.3
12.5°	143.3	126.1	108.9	86.0	68.8	57.3	51.6	45.9	45.9	45.9	45.9
15°	143.3	126.1	103.2	80.2	63.1	45.9	40.1	34.4	34.4	34.4	34.4
17.5°	137.6	120.4	97.4	68.8	51.6	34.4	28.7	22.9	22.9	28.7	28.7
20°	131.8	114.6	86.0	57.3	40.1	28.7	17.2	17.2	17.2	17.2	17.2
22.5°	131.8	114.6	80.2	51.6	34.4	17.2	11.5	11.5	11.5	11.5	17.2
25°	131.8	108.9	68.8	40.1	22.9	11.5	5.7	5.7	5.7	5.7	5.7
27.5°	131.8	108.9	63.1	34.4	17.2	11.5	5.7	0.0	0.0	0.0	0.0
30°	126.1	103.2	57.3	28.7	11.5	5.7	0.0	0.0	0.0	0.0	0.0
32.5°	126.1	97.4	45.9	22.9	11.5	5.7	0.0	0.0	0.0	0.0	0.0
35°	131.8	91.7	40.1	17.2	5.7	0.0	0.0	0.0	0.0	0.0	5.7
37.5°	137.6	86.0	34.4	11.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	143.3	80.2	34.4	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	154.8	80.2	28.7	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	166.2	80.2	22.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	189.2	86.0	22.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	206.3	91.7	17.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	229.3	86.0	17.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	257.9	86.0	17.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	280.9	80.2	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	292.3	74.5	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	349.6	68.8	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	544.5	57.3	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1106.2	51.6	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2063.5	45.9	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2309.9	51.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1455.9	40.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	768.1	40.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	384.0	40.1	5.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	177.7	28.7	5.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	74.5	17.2	11.5	5.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	34.4	17.2	11.5	11.5	5.7	5.7	0.0	0.0	0.0	0.0	0.0
87.5°	17.2	17.2	17.2	11.5	11.5	5.7	5.7	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

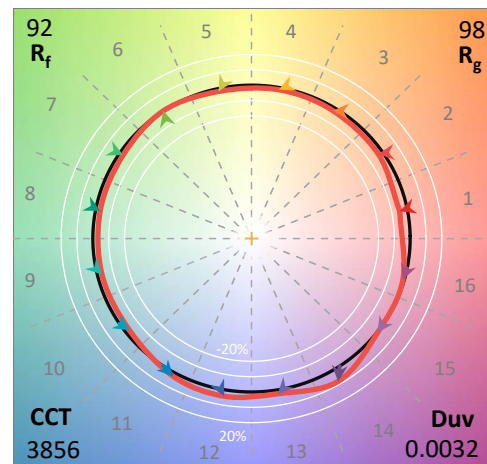
Test Information

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



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			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.72

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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

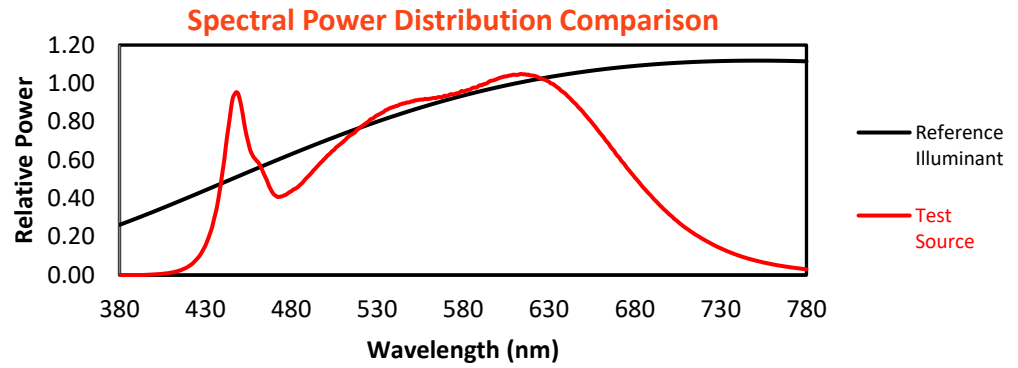
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	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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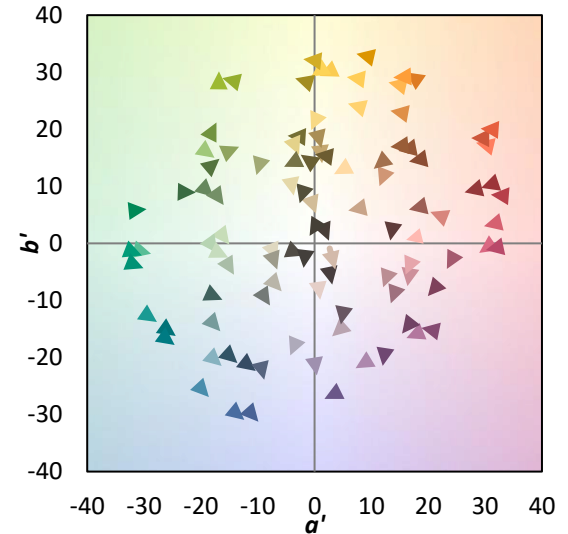
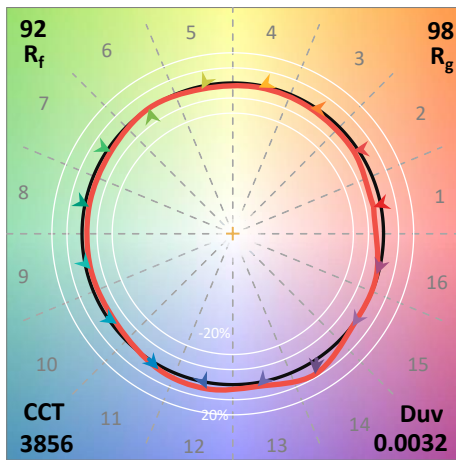
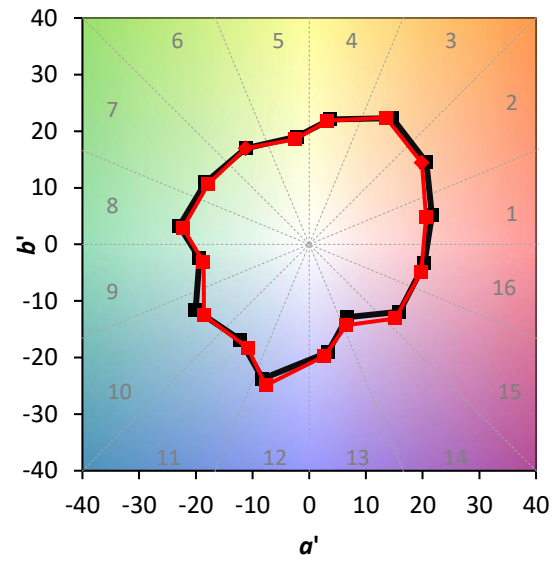
TM-30-18

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)