

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: P1048797

Luminaire Tested: **GALN-SA6A-940-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048797
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-940-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15805.5 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 162.9
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



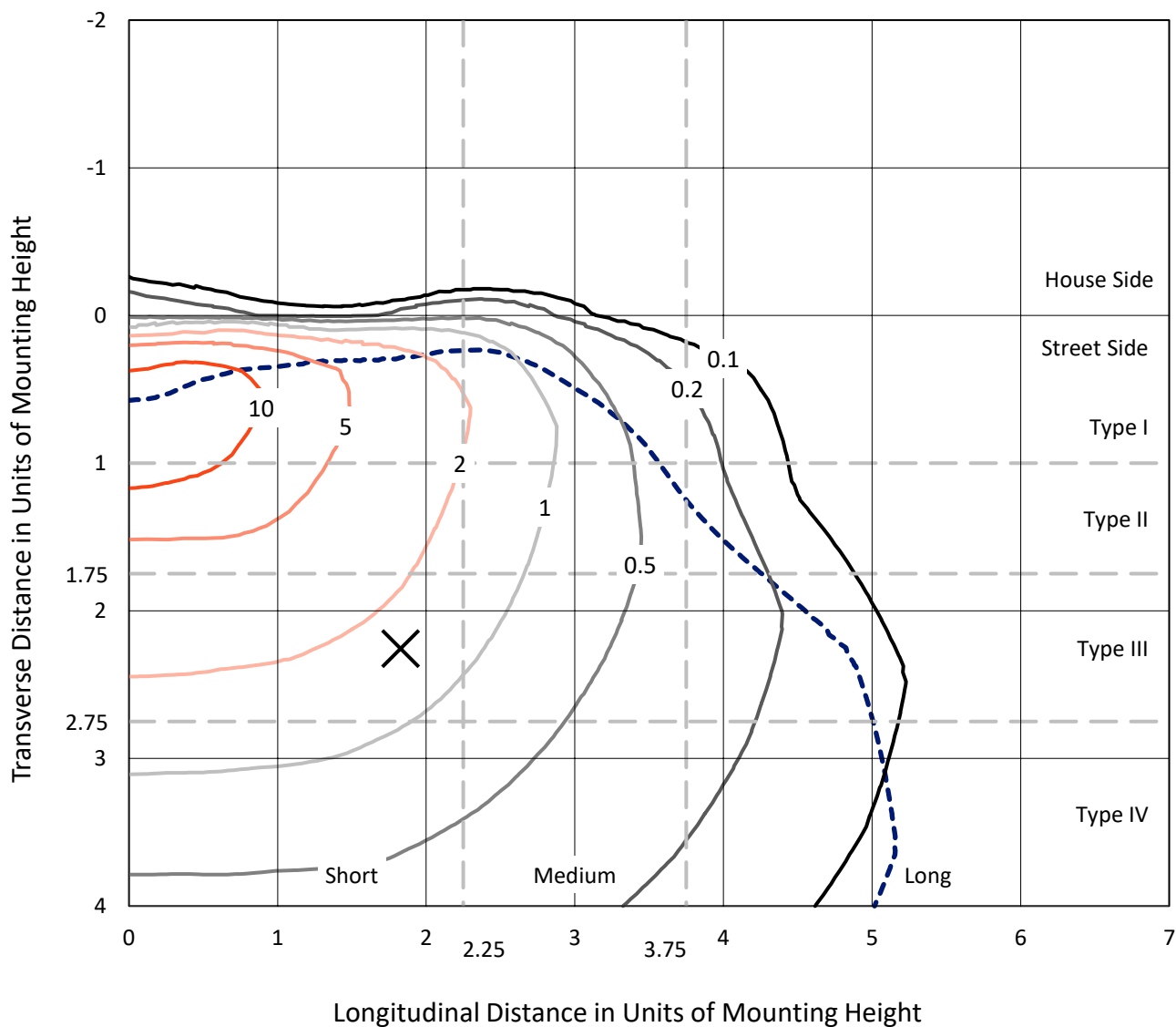
REPORT NUMBER: P1048797

CATALOG NUMBER: GALN-SA6A-940-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

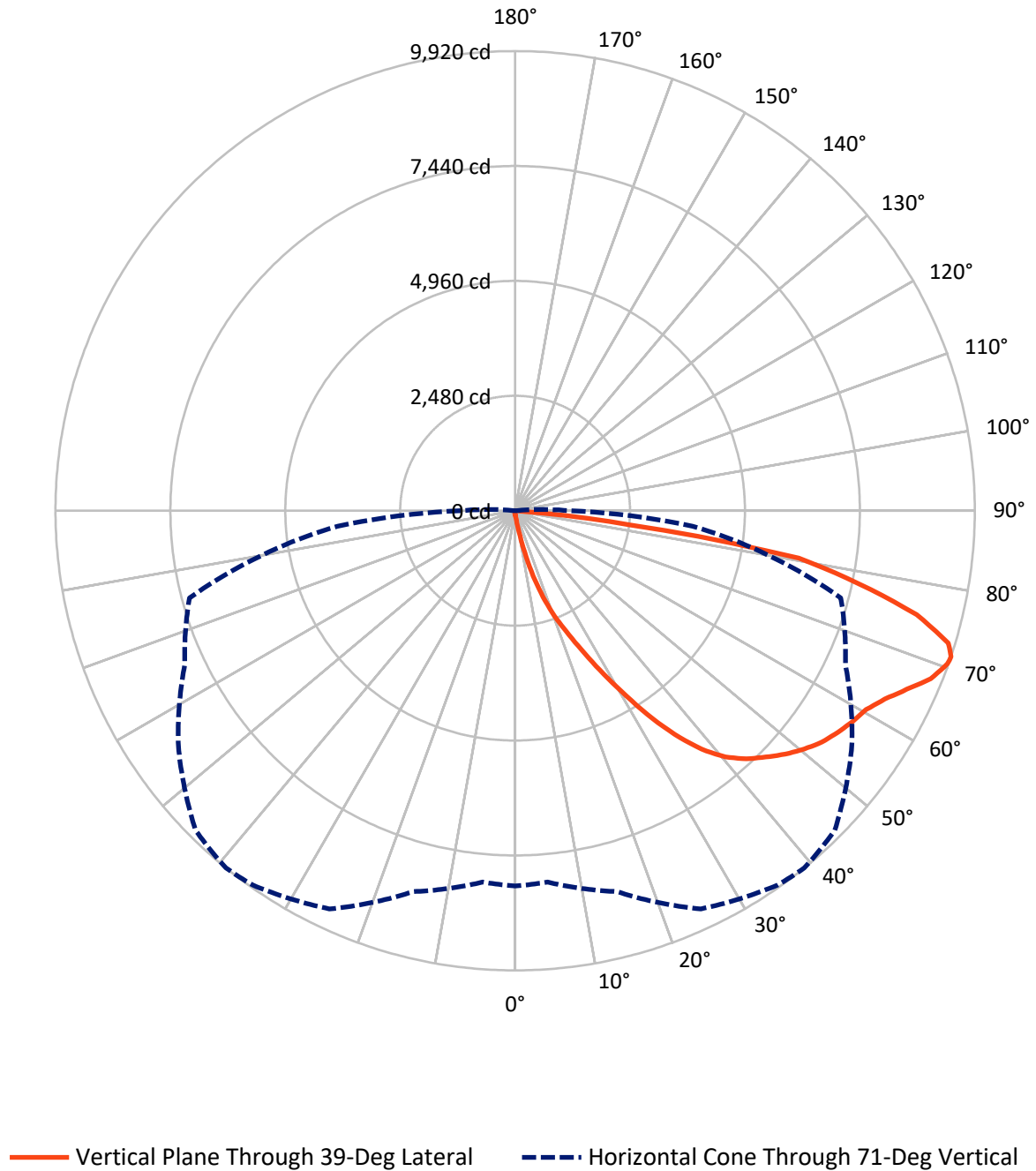


Based on 15 foot mounting height. Maximum calculated value = 16.3 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GALN-SA6A-940-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048797

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	56.1	0.0	56.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15749.3	0.0	15749.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	15805.5	0.0	15805.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.2	0.1
10°-20°	168.9	1.1
20°-30°	601.6	3.8
30°-40°	1449.9	9.2
40°-50°	2426.5	15.4
50°-60°	3116.6	19.7
60°-70°	3944.1	25.0
70°-80°	3516.3	22.2
80°-90°	568.4	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°	15805.5	100.0
0°-180°	15805.5	100.0



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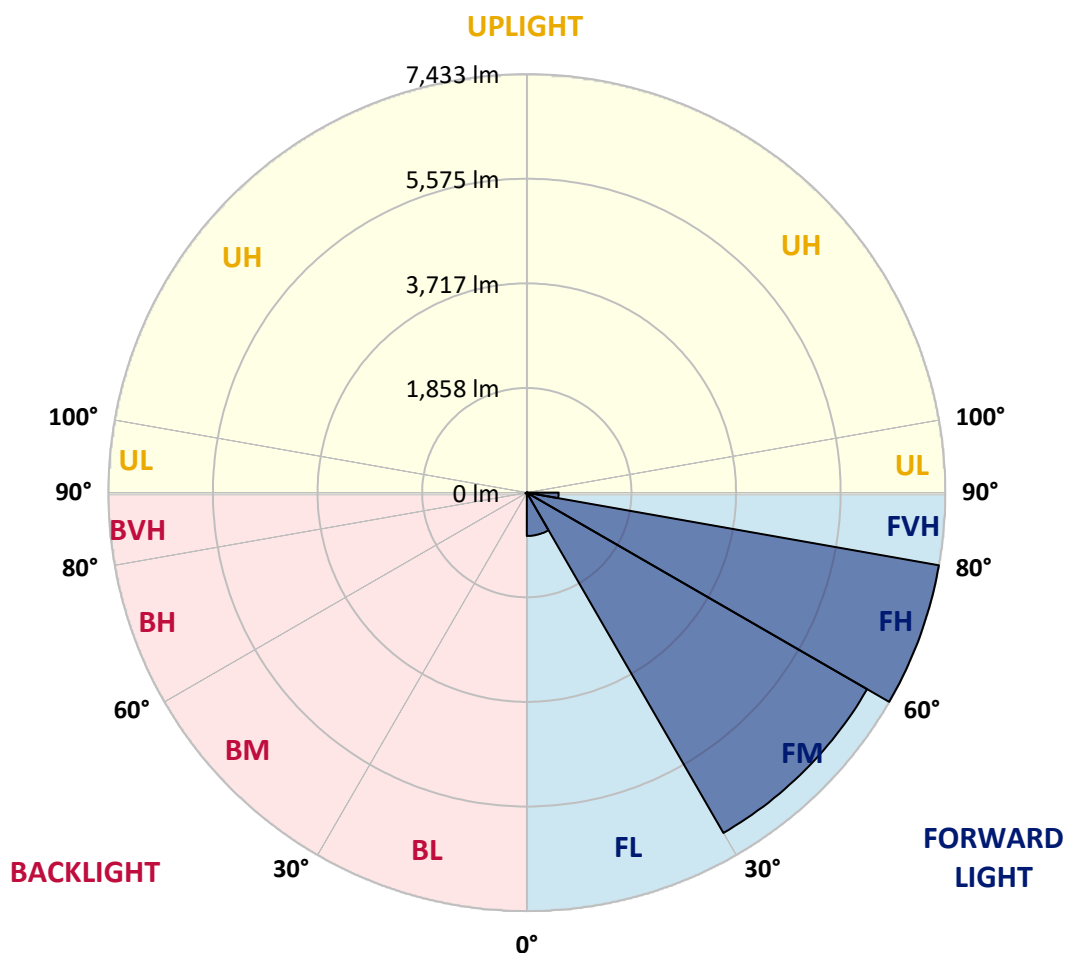
CATALOG NUMBER: GALN-SA6A-940-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	770.2	4.9			
FM	(30°-60°)	6980.0	44.2			
FH	(60°-80°)	7433.3	47.0			G3/7500
FVH	(80°-90°)	565.8	3.6			G4/750
BL	(0°-30°)	13.6	0.1	B0/110		
BM	(30°-60°)	13.0	0.1	B0/220		
BH	(60°-80°)	27.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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 IV Short



REPORT NUMBER: P1048797

CATALOG NUMBER: GALN-SA6A-940-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2.5°	99.5	99.5	99.5	96.3	96.3	95.2	94.2	94.2	92.0	90.9	88.8
5°	150.9	147.7	140.2	135.9	127.3	122.0	116.6	109.1	101.6	96.3	89.9
7.5°	341.3	348.8	324.2	278.2	231.1	210.8	176.5	142.3	117.7	101.6	90.9
10°	869.9	865.6	782.1	690.1	532.8	469.7	368.1	232.2	151.9	111.3	92.0
12.5°	1479.7	1475.5	1377.0	1251.8	1044.3	912.7	720.1	433.3	218.3	126.3	92.0
15°	1992.2	1975.1	1944.1	1820.0	1577.1	1466.9	1212.3	766.1	353.1	151.9	94.2
17.5°	2331.4	2316.4	2287.5	2242.6	2088.5	1958.0	1753.6	1203.7	571.4	196.9	98.4
20°	2642.8	2632.1	2608.5	2600.0	2500.5	2430.9	2261.9	1706.6	890.2	267.5	104.9
22.5°	3070.7	3048.3	3057.9	3006.6	2909.2	2825.7	2721.9	2233.0	1279.7	385.2	116.6
25°	3595.0	3584.3	3557.6	3521.2	3386.4	3313.6	3154.2	2729.4	1715.1	539.3	129.5
27.5°	4228.4	4216.7	4210.2	4126.8	3971.6	3892.5	3669.9	3198.1	2205.2	755.4	146.6
30°	4958.1	4963.5	4921.8	4814.8	4633.9	4522.7	4293.7	3689.2	2707.0	1009.0	164.8
32.5°	5713.5	5702.8	5638.6	5512.4	5350.8	5247.0	4956.0	4227.4	3233.4	1343.9	186.2
35°	6527.7	6507.4	6338.4	6193.9	6055.9	5925.4	5660.0	4852.2	3759.8	1719.4	215.1
37.5°	7349.5	7254.2	6915.1	6732.1	6636.9	6529.9	6282.7	5518.8	4283.0	2138.8	250.4
40°	7970.0	7896.2	7493.9	7156.9	7080.9	6990.0	6805.9	6094.4	4839.4	2589.3	293.2
42.5°	8313.5	8272.8	7911.2	7578.4	7399.8	7319.5	7162.2	6597.3	5389.3	3086.8	355.2
45°	8460.1	8396.9	8155.1	8000.0	7715.4	7582.7	7395.5	6977.1	5963.9	3651.7	441.9
47.5°	8415.1	8378.8	8205.4	8262.1	8055.6	7849.1	7574.2	7268.2	6455.0	4300.1	560.7
50°	8132.7	8101.6	8048.1	8355.2	8329.5	8085.6	7805.3	7498.2	6856.2	4968.8	744.7
52.5°	7595.6	7582.7	7719.7	8282.5	8484.7	8294.2	8027.8	7701.5	7230.7	5667.5	1007.9
55°	6903.3	6955.7	7347.3	8169.0	8563.9	8448.3	8224.7	7891.9	7531.4	6292.4	1396.3
57.5°	6618.7	6632.6	7121.6	8088.8	8599.2	8584.2	8416.2	8073.8	7807.4	6792.0	1989.0
60°	6951.4	6930.0	7187.9	8149.8	8669.8	8706.2	8586.3	8242.9	8047.1	7221.1	2778.7
62.5°	7552.8	7541.0	7623.4	8409.8	8876.3	8950.1	8822.8	8364.8	8258.9	7503.5	3679.5
65°	8089.9	8065.3	8218.3	8870.9	9239.0	9291.4	9180.1	8573.5	8352.0	7709.0	4525.9
67.5°	8322.1	8316.7	8562.8	9309.6	9619.9	9676.6	9579.2	8861.3	8330.6	7774.2	4899.3
70°	8216.1	8195.8	8589.5	9495.8	9835.0	9899.2	9805.0	8968.3	8098.4	7567.7	4346.1
71°	8099.5	8044.9	8509.3	9482.9	9864.9	9919.5	9754.7	8870.9	7865.2	7274.6	3844.3
72.5°	7737.9	7747.5	8288.9	9349.2	9793.2	9777.2	9470.1	8522.1	7583.8	6609.1	3087.9
75°	6847.7	6904.4	7575.2	8787.5	9153.4	8949.0	8479.3	7855.6	7018.9	4738.8	2144.2
77.5°	5595.8	5680.4	6417.5	7706.8	7603.0	7582.7	7563.5	6921.5	5993.8	2545.4	1491.5
80°	2671.7	2854.6	3871.1	5501.7	5976.7	6206.8	6062.3	5577.6	4635.0	1212.3	891.3
82.5°	174.4	172.3	243.9	462.2	1948.4	2518.7	4001.6	3986.6	3231.2	590.6	363.8
85°	82.4	84.5	93.1	105.9	123.0	134.8	186.2	1091.3	1546.1	281.4	79.2
87.5°	48.1	49.2	57.8	73.8	96.3	107.0	127.3	163.7	201.2	155.1	17.1
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: P1048797

CATALOG NUMBER: GALN-SA6A-940-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2.5°	87.7	86.7	83.5	80.2	77.0	74.9	73.8	74.9	74.9	76.0	76.0
5°	87.7	84.5	79.2	72.8	68.5	64.2	62.1	61.0	62.1	62.1	62.1
7.5°	86.7	81.3	73.8	66.3	61.0	55.6	53.5	52.4	52.4	53.5	53.5
10°	84.5	79.2	69.5	61.0	54.6	48.1	44.9	41.7	41.7	41.7	42.8
12.5°	83.5	76.0	64.2	55.6	47.1	39.6	33.2	30.0	31.0	31.0	31.0
15°	81.3	72.8	61.0	50.3	39.6	30.0	24.6	21.4	22.5	23.5	22.5
17.5°	81.3	71.7	56.7	43.9	31.0	22.5	18.2	16.0	16.0	17.1	17.1
20°	81.3	69.5	53.5	37.4	23.5	17.1	12.8	11.8	11.8	13.9	15.0
22.5°	83.5	69.5	49.2	31.0	19.3	12.8	9.6	8.6	9.6	11.8	12.8
25°	86.7	68.5	44.9	27.8	16.0	9.6	7.5	5.3	6.4	8.6	9.6
27.5°	89.9	67.4	40.7	24.6	12.8	7.5	5.3	4.3	3.2	4.3	4.3
30°	93.1	67.4	36.4	20.3	10.7	5.3	3.2	2.1	1.1	0.0	0.0
32.5°	95.2	65.3	33.2	16.0	8.6	4.3	2.1	1.1	0.0	0.0	0.0
35°	97.4	63.1	28.9	12.8	6.4	3.2	1.1	0.0	0.0	0.0	0.0
37.5°	99.5	59.9	24.6	10.7	5.3	2.1	0.0	0.0	0.0	0.0	0.0
40°	101.6	55.6	20.3	9.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	103.8	52.4	17.1	7.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	109.1	50.3	13.9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	118.8	48.1	12.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	132.7	46.0	11.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	151.9	44.9	10.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	186.2	43.9	9.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	245.0	42.8	9.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	375.6	40.7	9.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	670.9	39.6	8.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1169.5	40.7	8.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1676.6	42.8	7.5	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1434.8	37.4	7.5	4.3	2.1	1.1	0.0	0.0	0.0	0.0	0.0
71°	1169.5	33.2	7.5	4.3	2.1	1.1	1.1	0.0	0.0	0.0	0.0
72.5°	752.2	25.7	6.4	4.3	2.1	2.1	1.1	0.0	0.0	0.0	0.0
75°	317.8	21.4	6.4	4.3	3.2	2.1	2.1	1.1	0.0	0.0	0.0
77.5°	135.9	16.0	6.4	5.3	4.3	3.2	3.2	2.1	1.1	0.0	0.0
80°	51.4	12.8	7.5	6.4	5.3	5.3	4.3	2.1	1.1	0.0	0.0
82.5°	23.5	10.7	7.5	6.4	6.4	5.3	4.3	3.2	2.1	0.0	0.0
85°	15.0	9.6	7.5	6.4	6.4	5.3	5.3	3.2	2.1	0.0	0.0
87.5°	11.8	9.6	7.5	7.5	6.4	6.4	4.3	3.2	1.1	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

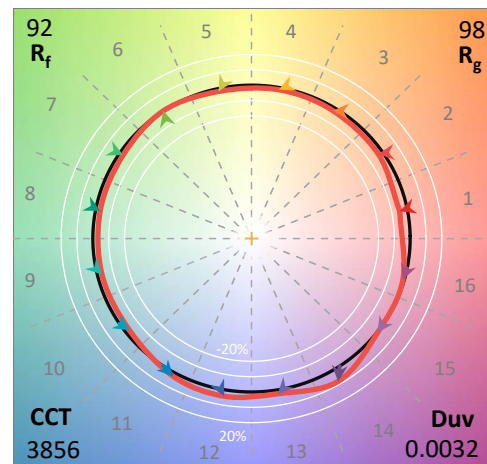
Test Information

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



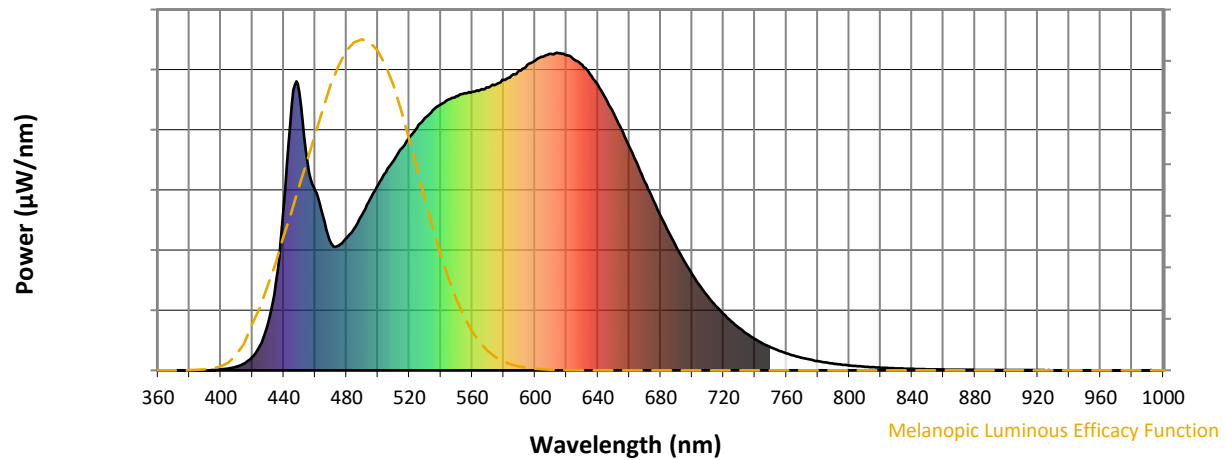
Scotopic Lumens: NR

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

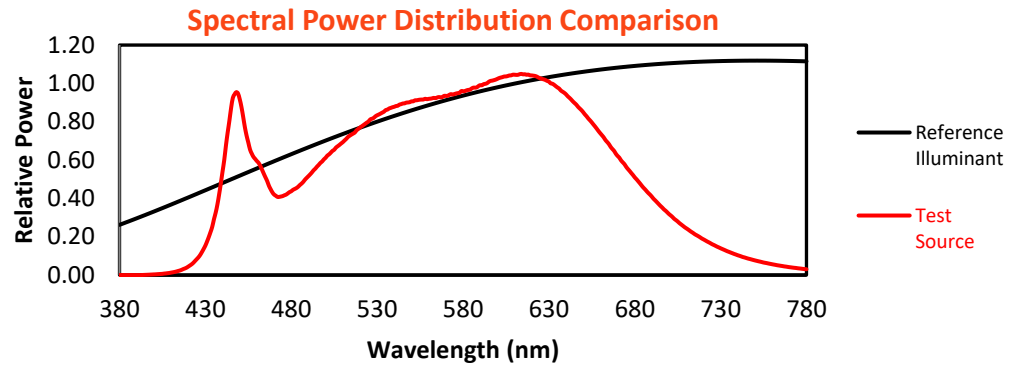
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	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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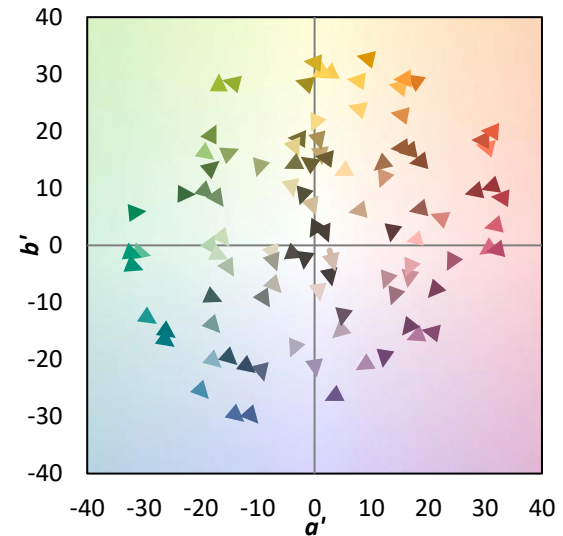
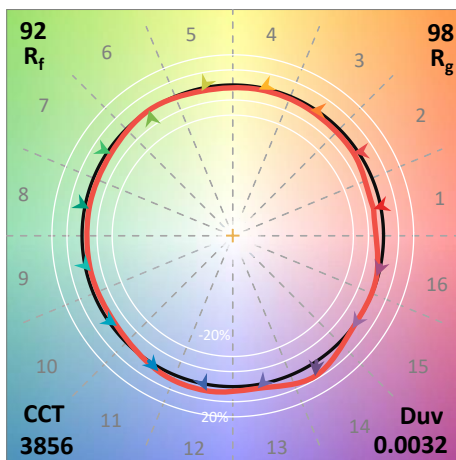
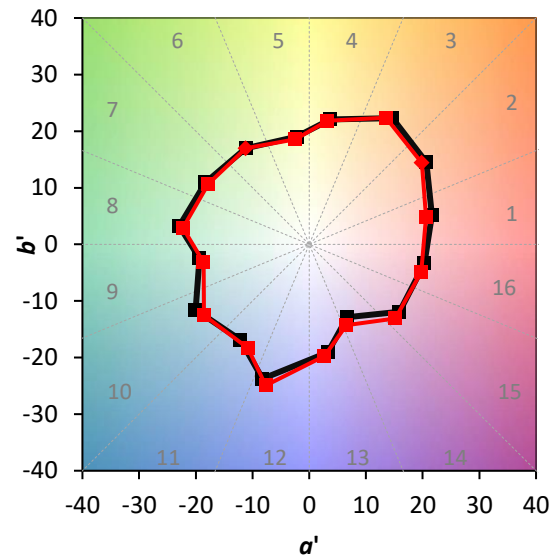
TM-30-18

Summary

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



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)