

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: P1048765

Luminaire Tested: **GALN-SA7A-935-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048765
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-935-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18464.4 lumens
Efficiency: N/A
Efficacy: 95.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 193.1
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

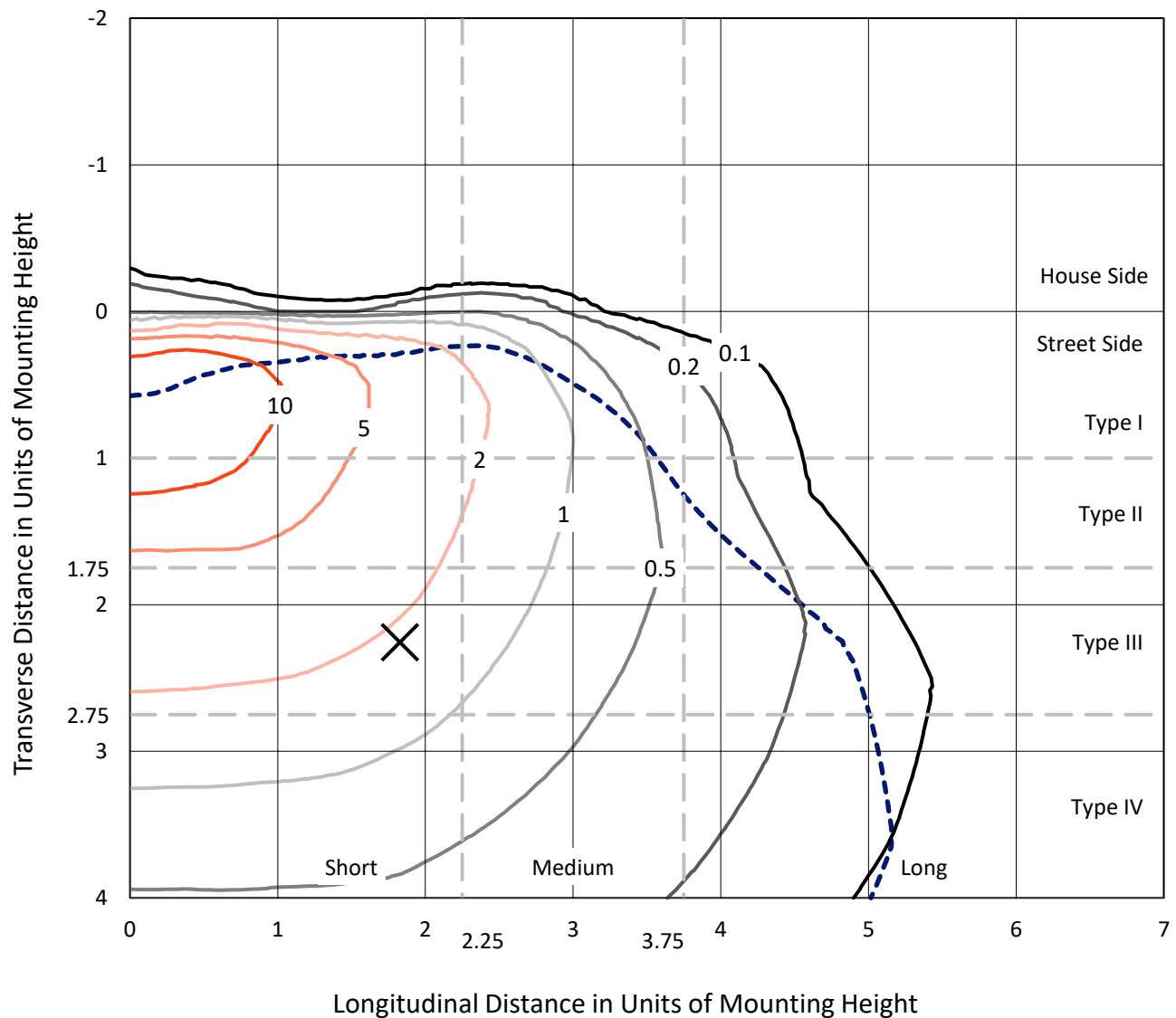


REPORT NUMBER: P1048765

CATALOG NUMBER: GALN-SA7A-935-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

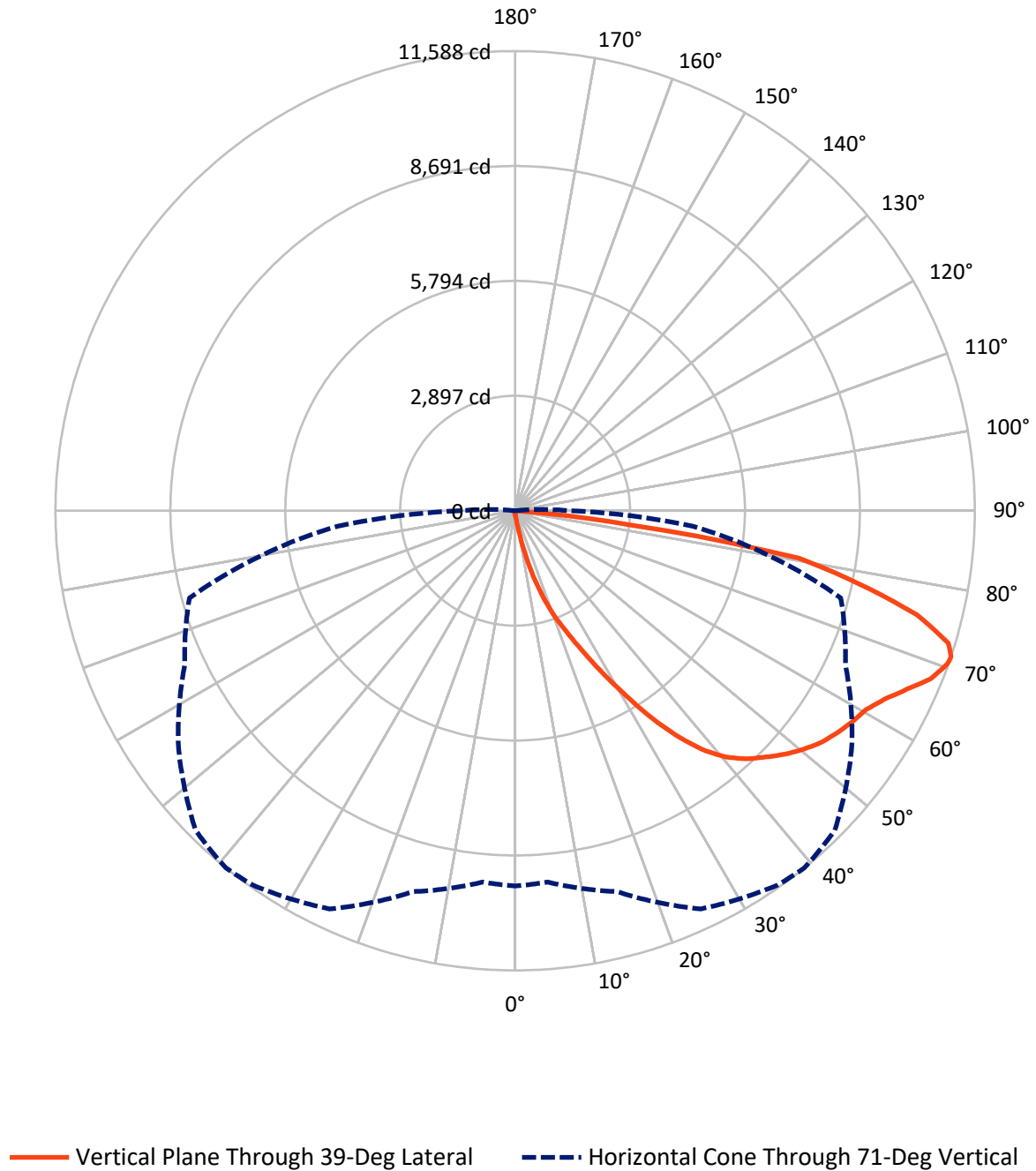


Based on 15 foot mounting height. Maximum calculated value = 19 fc
 Type IV - Short - N/A

REPORT NUMBER: P1048765

CATALOG NUMBER: GALN-SA7A-935-U-T4BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	65.6	0.0	65.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18398.9	0.0	18398.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	18464.4	0.0	18464.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.4	0.1
10°-20°	197.3	1.1
20°-30°	702.8	3.8
30°-40°	1693.8	9.2
40°-50°	2834.7	15.4
50°-60°	3640.9	19.7
60°-70°	4607.6	25.0
70°-80°	4107.8	22.2
80°-90°	664.0	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°	18464.4	100.0
0°-180°	18464.4	100.0



REPORT NUMBER: P1048765

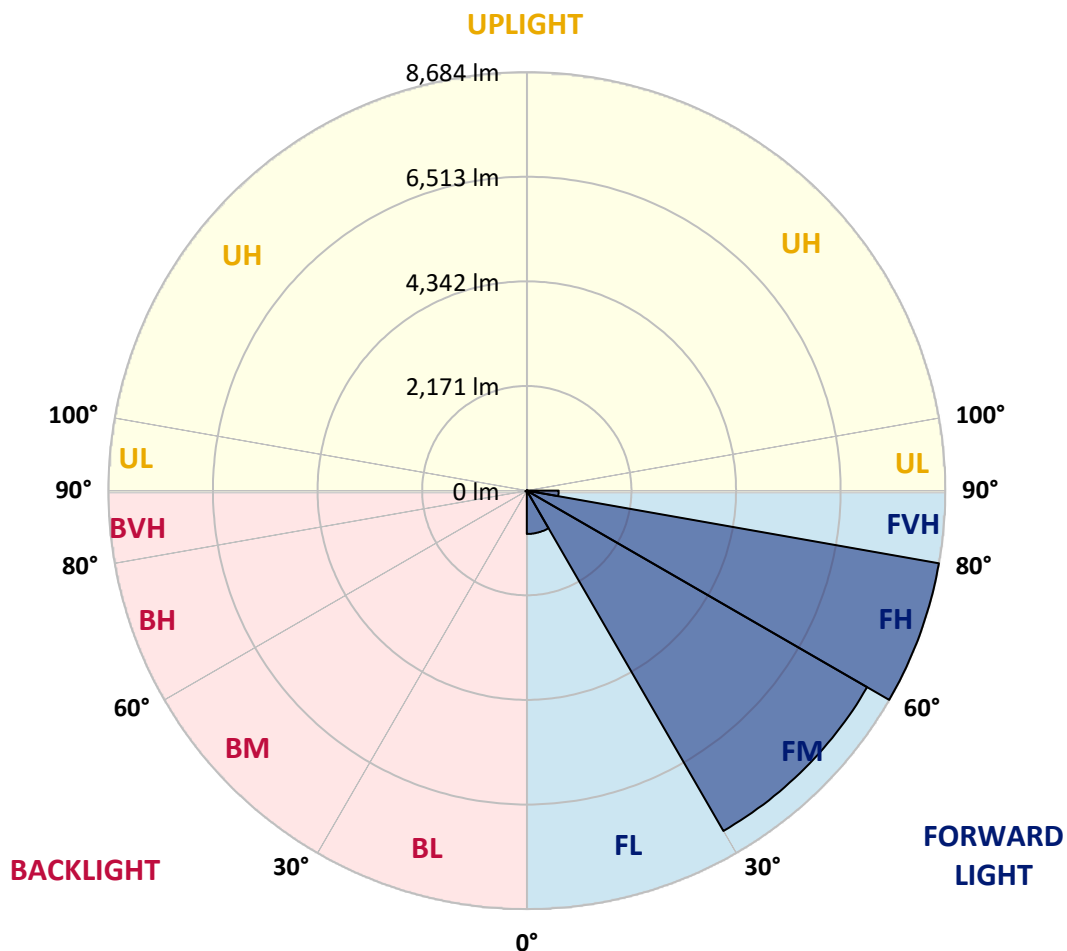
CATALOG NUMBER: GALN-SA7A-935-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	899.7	4.9			
FM	(30°-60°)	8154.3	44.2			
FH	(60°-80°)	8683.9	47.0			G4/12000
FVH	(80°-90°)	661.0	3.6			G4/750
BL	(0°-30°)	15.9	0.1	B0/110		
BM	(30°-60°)	15.2	0.1	B0/220		
BH	(60°-80°)	31.5	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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-G4

Type IV Short





REPORT NUMBER: P1048765

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2
2.5°	116.2	116.2	116.2	112.5	112.5	111.2	110.0	110.0	107.5	106.2	103.7
5°	176.2	172.5	163.7	158.7	148.7	142.5	136.2	127.5	118.7	112.5	105.0
7.5°	398.7	407.5	378.7	325.0	270.0	246.2	206.2	166.2	137.5	118.7	106.2
10°	1016.2	1011.2	913.7	806.2	622.5	548.7	430.0	271.2	177.5	130.0	107.5
12.5°	1728.7	1723.7	1608.7	1462.4	1219.9	1066.2	841.2	506.2	255.0	147.5	107.5
15°	2327.4	2307.4	2271.2	2126.2	1842.4	1713.7	1416.2	895.0	412.5	177.5	110.0
17.5°	2723.6	2706.1	2672.4	2619.9	2439.9	2287.4	2048.7	1406.2	667.5	230.0	115.0
20°	3087.4	3074.9	3047.4	3037.4	2921.1	2839.9	2642.4	1993.7	1040.0	312.5	122.5
22.5°	3587.4	3561.1	3572.4	3512.4	3398.6	3301.1	3179.9	2608.6	1494.9	450.0	136.2
25°	4199.8	4187.3	4156.1	4113.6	3956.1	3871.1	3684.8	3188.6	2003.7	630.0	151.2
27.5°	4939.8	4926.0	4918.5	4821.0	4639.8	4547.3	4287.3	3736.1	2576.1	882.5	171.2
30°	5792.3	5798.5	5749.8	5624.8	5413.5	5283.5	5016.0	4309.8	3162.4	1178.7	192.5
32.5°	6674.7	6662.2	6587.2	6439.7	6251.0	6129.7	5789.8	4938.5	3777.3	1569.9	217.5
35°	7625.9	7602.2	7404.7	7235.9	7074.7	6922.2	6612.2	5668.5	4392.3	2008.7	251.2
37.5°	8585.9	8474.6	8078.4	7864.7	7753.4	7628.4	7339.7	6447.2	5003.5	2498.6	292.5
40°	9310.9	9224.6	8754.6	8360.9	8272.2	8165.9	7950.9	7119.7	5653.5	3024.9	342.5
42.5°	9712.1	9664.6	9242.1	8853.4	8644.6	8550.9	8367.2	7707.2	6296.0	3606.1	415.0
45°	9883.3	9809.6	9527.1	9345.9	9013.4	8858.4	8639.6	8150.9	6967.2	4266.1	516.2
47.5°	9830.8	9788.3	9585.9	9652.1	9410.9	9169.6	8848.4	8490.9	7540.9	5023.5	655.0
50°	9500.9	9464.6	9402.1	9760.8	9730.8	9445.9	9118.4	8759.6	8009.7	5804.8	870.0
52.5°	8873.4	8858.4	9018.4	9675.8	9912.1	9689.6	9378.4	8997.1	8447.1	6621.0	1177.5
55°	8064.7	8125.9	8583.4	9543.4	10004.6	9869.6	9608.3	9219.6	8798.4	7350.9	1631.2
57.5°	7732.2	7748.4	8319.7	9449.6	10045.8	10028.3	9832.1	9432.1	9120.9	7934.7	2323.7
60°	8120.9	8095.9	8397.2	9520.9	10128.3	10170.8	10030.8	9629.6	9400.9	8435.9	3246.1
62.5°	8823.4	8809.6	8905.9	9824.6	10369.6	10455.8	10307.1	9772.1	9648.3	8765.9	4298.6
65°	9450.9	9422.1	9600.9	10363.3	10793.3	10854.5	10724.6	10015.8	9757.1	9005.9	5287.3
67.5°	9722.1	9715.8	10003.3	10875.8	11238.3	11304.5	11190.8	10352.1	9732.1	9082.1	5723.5
70°	9598.4	9574.6	10034.6	11093.3	11489.5	11564.5	11454.5	10477.1	9460.9	8840.9	5077.3
71°	9462.1	9398.4	9940.8	11078.3	11524.5	11588.3	11395.8	10363.3	9188.4	8498.4	4491.1
72.5°	9039.6	9050.9	9683.3	10922.0	11440.8	11422.0	11063.3	9955.8	8859.6	7720.9	3607.3
75°	7999.7	8065.9	8849.6	10265.8	10693.3	10454.6	9905.8	9177.1	8199.7	5536.0	2504.9
77.5°	6537.2	6636.0	7497.2	9003.4	8882.1	8858.4	8835.9	8085.9	7002.2	2973.6	1742.4
80°	3121.1	3334.9	4522.3	6427.2	6982.2	7250.9	7082.2	6516.0	5414.8	1416.2	1041.2
82.5°	203.7	201.2	285.0	540.0	2276.2	2942.4	4674.8	4657.3	3774.8	690.0	425.0
85°	96.2	98.7	108.7	123.7	143.7	157.5	217.5	1274.9	1806.2	328.7	92.5
87.5°	56.2	57.5	67.5	86.2	112.5	125.0	148.7	191.2	235.0	181.2	20.0
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: P1048765

CATALOG NUMBER: GALN-SA7A-935-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2
2.5°	102.5	101.2	97.5	93.7	90.0	87.5	86.2	87.5	87.5	88.7	88.7
5°	102.5	98.7	92.5	85.0	80.0	75.0	72.5	71.2	72.5	72.5	72.5
7.5°	101.2	95.0	86.2	77.5	71.2	65.0	62.5	61.2	61.2	62.5	62.5
10°	98.7	92.5	81.2	71.2	63.7	56.2	52.5	48.7	48.7	48.7	50.0
12.5°	97.5	88.7	75.0	65.0	55.0	46.2	38.7	35.0	36.2	36.2	36.2
15°	95.0	85.0	71.2	58.7	46.2	35.0	28.7	25.0	26.2	27.5	26.2
17.5°	95.0	83.7	66.2	51.2	36.2	26.2	21.2	18.7	18.7	20.0	20.0
20°	95.0	81.2	62.5	43.7	27.5	20.0	15.0	13.7	13.7	16.2	17.5
22.5°	97.5	81.2	57.5	36.2	22.5	15.0	11.2	10.0	11.2	13.7	15.0
25°	101.2	80.0	52.5	32.5	18.7	11.2	8.7	6.2	7.5	10.0	11.2
27.5°	105.0	78.7	47.5	28.7	15.0	8.7	6.2	5.0	3.7	5.0	5.0
30°	108.7	78.7	42.5	23.7	12.5	6.2	3.7	2.5	1.2	0.0	0.0
32.5°	111.2	76.2	38.7	18.7	10.0	5.0	2.5	1.2	0.0	0.0	0.0
35°	113.7	73.7	33.7	15.0	7.5	3.7	1.2	0.0	0.0	0.0	0.0
37.5°	116.2	70.0	28.7	12.5	6.2	2.5	0.0	0.0	0.0	0.0	0.0
40°	118.7	65.0	23.7	11.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	121.2	61.2	20.0	8.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	127.5	58.7	16.2	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	138.7	56.2	15.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	155.0	53.7	13.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	177.5	52.5	12.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	217.5	51.2	11.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	286.2	50.0	11.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	438.7	47.5	11.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	783.7	46.2	10.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1366.2	47.5	10.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1958.7	50.0	8.7	3.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1676.2	43.7	8.7	5.0	2.5	1.2	0.0	0.0	0.0	0.0	0.0
71°	1366.2	38.7	8.7	5.0	2.5	1.2	1.2	0.0	0.0	0.0	0.0
72.5°	878.7	30.0	7.5	5.0	2.5	2.5	1.2	0.0	0.0	0.0	0.0
75°	371.2	25.0	7.5	5.0	3.7	2.5	2.5	1.2	0.0	0.0	0.0
77.5°	158.7	18.7	7.5	6.2	5.0	3.7	3.7	2.5	1.2	0.0	0.0
80°	60.0	15.0	8.7	7.5	6.2	6.2	5.0	2.5	1.2	0.0	0.0
82.5°	27.5	12.5	8.7	7.5	7.5	6.2	5.0	3.7	2.5	0.0	0.0
85°	17.5	11.2	8.7	7.5	7.5	6.2	6.2	3.7	2.5	0.0	0.0
87.5°	13.7	11.2	8.7	8.7	7.5	7.5	5.0	3.7	1.2	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

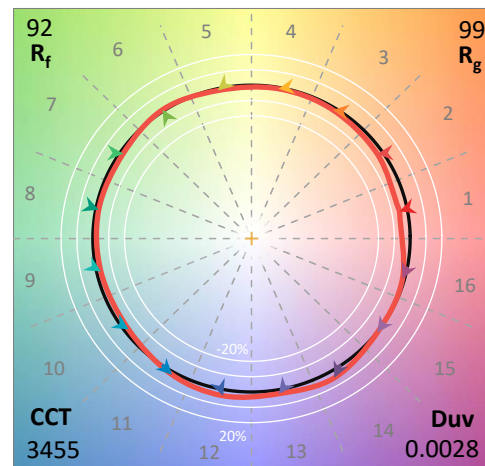
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 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-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u' : 0.2356
 CIE v' : 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 R_f: 92.3
 R_g: 98.5

CRI (Ra): 92.2
 R1: 92.0
 R2: 94.4
 R3: 95.6
 R4: 93.2
 R5: 91.4
 R6: 92.5
 R7: 94.5
 R8: 84.2
 R9: 59.8
 R10: 85.8
 R11: 93.2
 R12: 78.0
 R13: 92.5
 R14: 97.0
 R15: 88.4



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-15

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: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.58

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

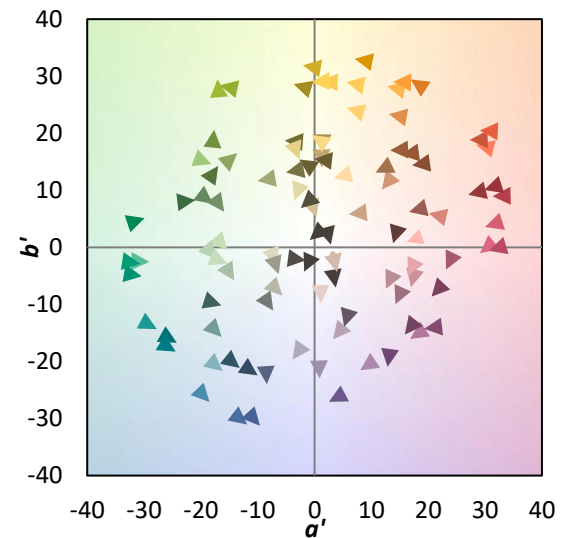
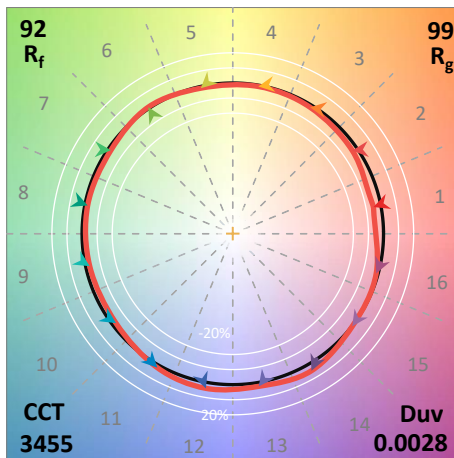
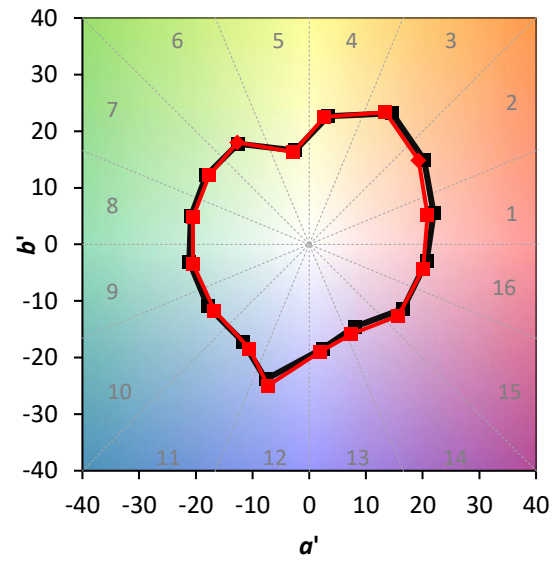
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.2$
 $R_9 = 59.8$



Color Vector Graphics

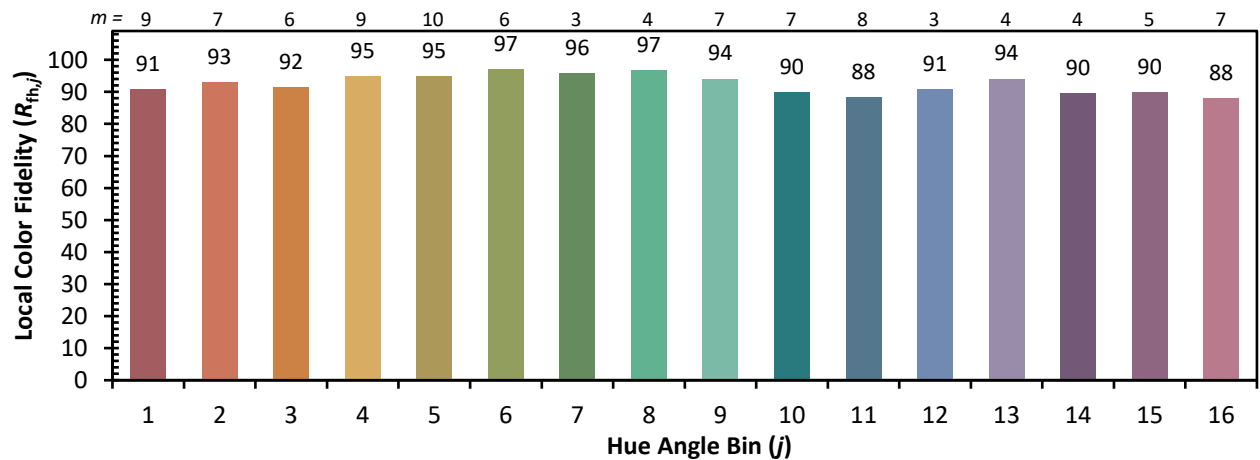


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)