

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: P1047273

Luminaire Tested: **GALN-SA3A-827-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047273
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-827-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9895.7 lumens
Efficiency: N/A
Efficacy: 121.6 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): 81.4
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



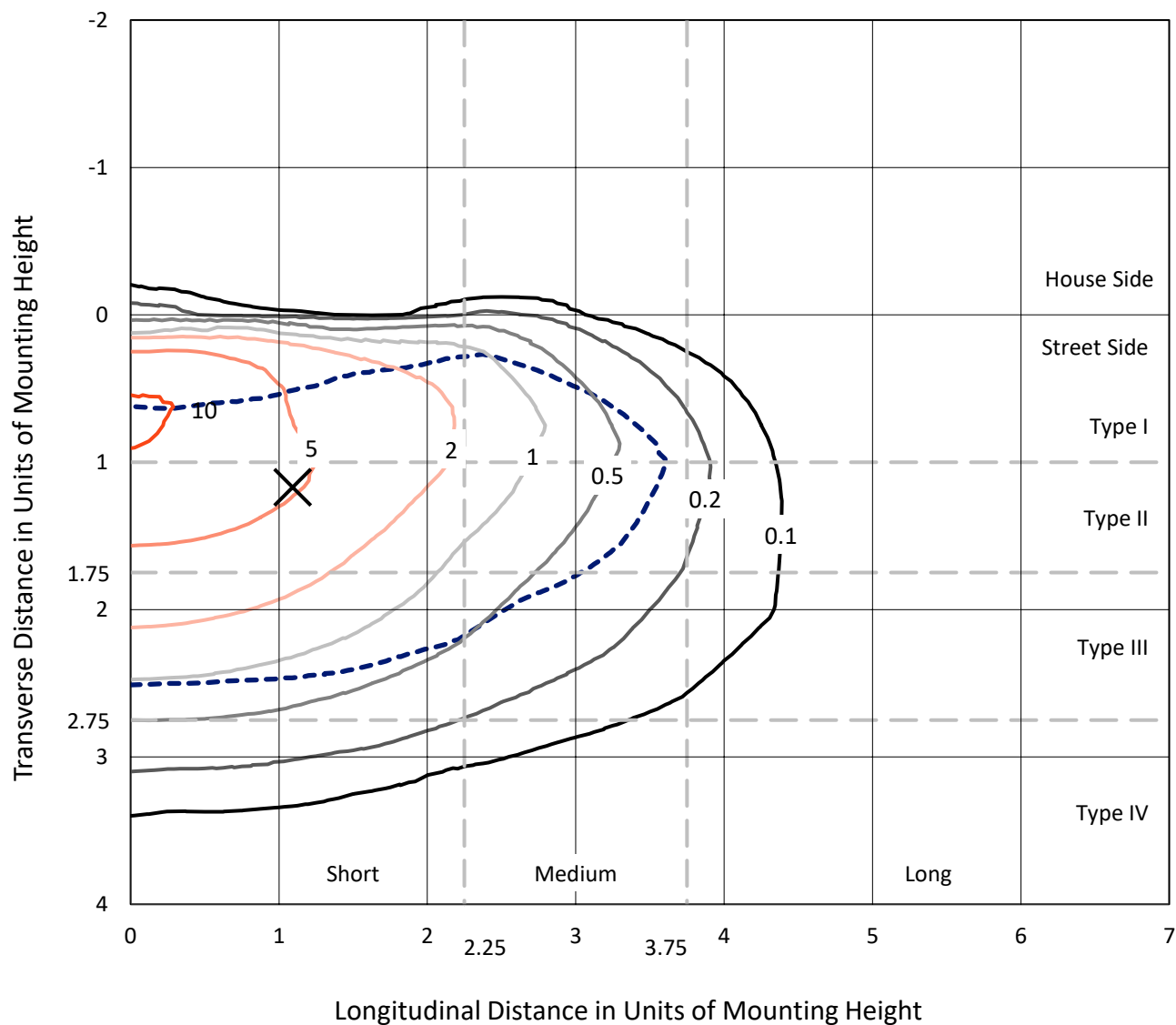
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CATALOG NUMBER: GALN-SA3A-827-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

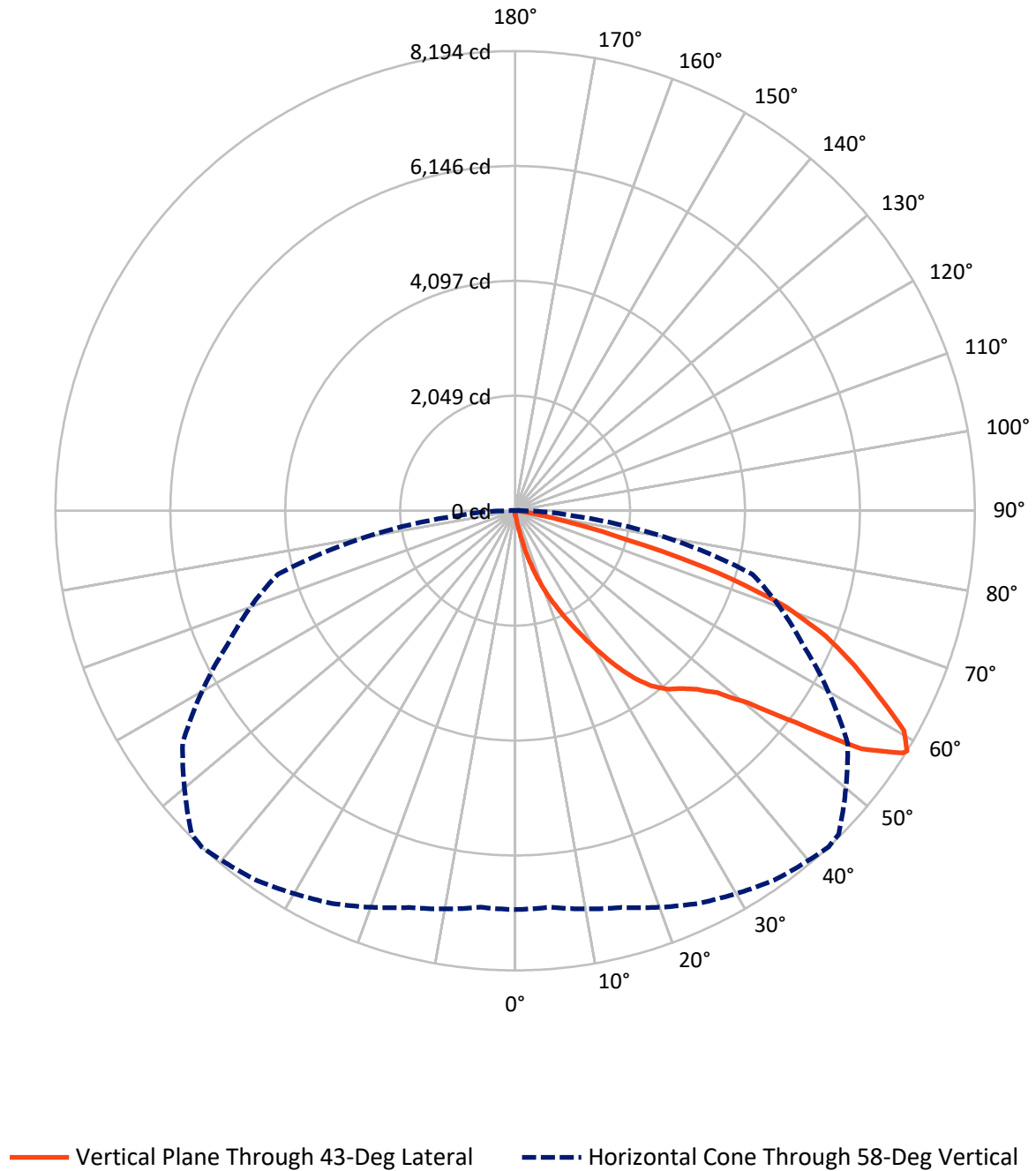


Based on 15 foot mounting height. Maximum calculated value = 11.1 fc
 Type III - Short - N/A

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CATALOG NUMBER: GALN-SA3A-827-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	36.1	0.0	36.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9859.6	0.0	9859.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	9895.7	0.0	9895.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	0.1
10°-20°	113.7	1.1
20°-30°	410.0	4.1
30°-40°	938.0	9.5
40°-50°	1582.1	16.0
50°-60°	2610.9	26.4
60°-70°	2918.0	29.5
70°-80°	1204.8	12.2
80°-90°	108.6	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°	9895.7	100.0
0°-180°	9895.7	100.0



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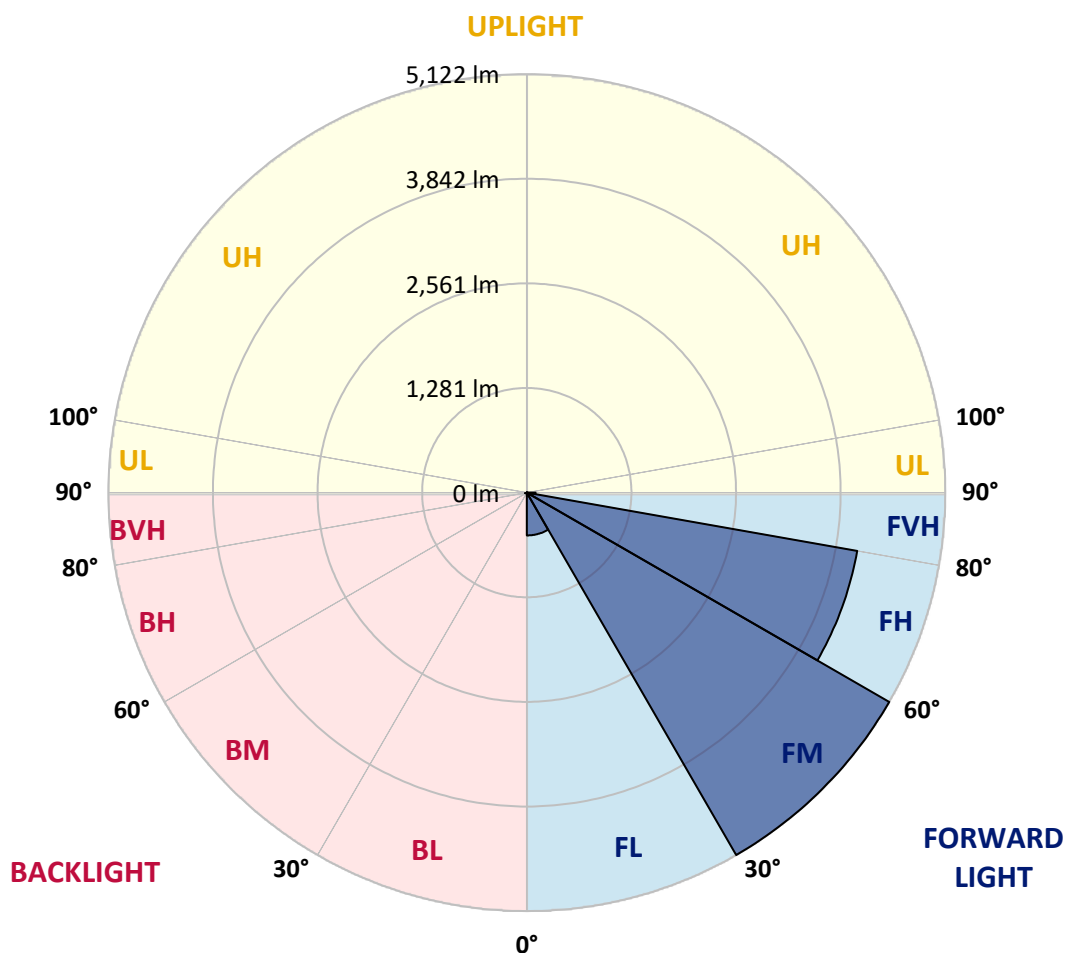
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	523.8	5.3			
FM	(30°-60°)	5122.4	51.8			
FH	(60°-80°)	4106.3	41.5			G2/5000
FVH	(80°-90°)	107.1	1.1			G2/225
BL	(0°-30°)	9.4	0.1	B0/110		
BM	(30°-60°)	8.7	0.1	B0/220		
BH	(60°-80°)	16.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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-SA3A-827-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
2.5°	77.6	80.2	77.6	77.6	77.6	75.1	75.1	72.5	72.5	69.9	67.3
5°	113.9	113.9	106.1	100.9	95.8	93.2	90.6	85.4	80.2	75.1	69.9
7.5°	253.6	253.6	230.3	199.3	157.9	134.6	129.4	106.1	90.6	80.2	69.9
10°	605.6	605.6	553.9	468.5	362.3	269.2	240.7	152.7	108.7	85.4	72.5
12.5°	1006.8	1019.7	955.0	846.3	688.4	525.4	468.5	279.5	144.9	93.2	72.5
15°	1366.5	1335.5	1317.4	1213.8	1063.7	869.6	797.1	471.0	209.6	106.1	72.5
17.5°	1609.8	1609.8	1583.9	1514.1	1376.9	1206.1	1146.5	760.9	339.0	121.6	75.1
20°	1894.5	1894.5	1847.9	1798.8	1677.1	1532.2	1475.2	1081.8	525.4	155.3	75.1
22.5°	2238.7	2243.9	2192.2	2104.2	1987.7	1827.2	1778.0	1379.5	760.9	207.1	77.6
25°	2658.0	2663.2	2588.1	2505.3	2326.7	2153.3	2078.3	1721.1	1048.2	289.9	77.6
27.5°	3121.3	3157.5	3046.2	2903.9	2715.0	2497.6	2440.6	2029.1	1332.9	408.9	82.8
30°	3698.4	3698.4	3550.9	3351.6	3147.2	2878.0	2805.5	2352.6	1635.7	566.8	88.0
32.5°	4195.4	4156.5	3967.6	3758.0	3540.6	3289.5	3211.9	2691.7	1946.3	763.5	98.3
35°	4575.8	4542.2	4309.2	4084.1	3895.1	3664.8	3571.6	3059.2	2275.0	986.1	113.9
37.5°	4901.9	4889.0	4573.2	4291.1	4166.9	3965.0	3882.2	3406.0	2598.5	1226.8	132.0
40°	5259.1	5217.7	4881.2	4531.8	4345.5	4182.4	4107.4	3685.5	2909.1	1508.9	157.9
42.5°	5564.5	5515.3	5212.5	4870.9	4552.5	4332.5	4260.1	3921.0	3211.9	1791.0	191.5
45°	5903.5	5877.7	5572.3	5313.4	4889.0	4537.0	4441.2	4110.0	3488.8	2127.4	235.5
47.5°	6413.4	6366.8	6082.1	5869.9	5378.1	4847.6	4710.4	4304.1	3755.4	2458.7	302.8
50°	7006.1	6975.0	6806.8	6638.6	6149.4	5378.1	5215.1	4583.6	4053.0	2852.1	390.8
52.5°	7490.1	7484.9	7505.6	7508.2	7138.1	6271.1	6027.8	5033.9	4394.7	3240.3	515.0
55°	7479.7	7503.0	7730.8	7992.2	8020.6	7490.1	7254.5	5792.3	4839.8	3719.2	688.4
57.5°	7200.2	7182.1	7422.8	7816.2	8093.1	8150.0	8111.2	6969.9	5510.1	4296.3	955.0
58°	7109.6	7094.1	7321.8	7723.0	8041.3	8194.0	8155.2	7236.4	5660.3	4379.1	1027.5
60°	6780.9	6783.5	6918.1	7283.0	7601.4	7963.7	7999.9	7997.3	6408.2	4933.0	1392.4
62.5°	6346.1	6325.4	6449.6	6747.3	7026.8	7270.1	7332.2	8049.1	7503.0	5637.0	2088.6
65°	5745.7	5714.6	5846.6	6183.1	6483.3	6641.2	6643.7	7355.5	8018.0	6392.7	3082.5
67.5°	4630.2	4604.3	4868.3	5300.5	5763.8	5970.8	6064.0	6382.3	7583.2	6905.1	3651.9
70°	2836.6	2890.9	3258.5	3936.6	4728.5	5109.0	5248.7	5347.1	6457.4	6827.5	3054.0
72.5°	1309.6	1244.9	1558.1	2031.7	2934.9	3781.3	3926.2	4311.8	5119.3	5926.8	2277.6
75°	610.8	587.5	660.0	887.7	1330.3	2042.0	2306.0	3442.2	3926.2	4122.9	1643.5
77.5°	313.2	315.8	375.3	403.7	548.7	944.7	1084.4	2264.6	2878.0	2300.9	1102.5
80°	137.2	142.3	144.9	157.9	222.6	364.9	411.5	1050.8	1967.0	1172.4	603.0
82.5°	88.0	90.6	90.6	90.6	106.1	144.9	165.6	421.9	980.9	582.3	186.3
85°	46.6	46.6	51.8	64.7	75.1	88.0	93.2	134.6	323.5	173.4	44.0
87.5°	25.9	28.5	31.1	38.8	49.2	59.5	64.7	93.2	124.2	119.1	10.4
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: P1047273

CATALOG NUMBER: GALN-SA3A-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
2.5°	67.3	64.7	62.1	59.5	56.9	54.4	54.4	54.4	54.4	54.4	54.4
5°	64.7	62.1	59.5	54.4	49.2	46.6	44.0	41.4	41.4	41.4	41.4
7.5°	64.7	62.1	54.4	49.2	44.0	38.8	33.6	33.6	33.6	33.6	33.6
10°	64.7	59.5	51.8	44.0	36.2	31.1	28.5	25.9	25.9	25.9	25.9
12.5°	64.7	56.9	49.2	38.8	31.1	25.9	23.3	20.7	20.7	20.7	20.7
15°	64.7	56.9	46.6	36.2	28.5	20.7	18.1	15.5	15.5	15.5	15.5
17.5°	62.1	54.4	44.0	31.1	23.3	15.5	12.9	10.4	10.4	12.9	12.9
20°	59.5	51.8	38.8	25.9	18.1	12.9	7.8	7.8	7.8	7.8	7.8
22.5°	59.5	51.8	36.2	23.3	15.5	7.8	5.2	5.2	5.2	5.2	7.8
25°	59.5	49.2	31.1	18.1	10.4	5.2	2.6	2.6	2.6	2.6	2.6
27.5°	59.5	49.2	28.5	15.5	7.8	5.2	2.6	0.0	0.0	0.0	0.0
30°	56.9	46.6	25.9	12.9	5.2	2.6	0.0	0.0	0.0	0.0	0.0
32.5°	56.9	44.0	20.7	10.4	5.2	2.6	0.0	0.0	0.0	0.0	0.0
35°	59.5	41.4	18.1	7.8	2.6	0.0	0.0	0.0	0.0	0.0	2.6
37.5°	62.1	38.8	15.5	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	64.7	36.2	15.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	69.9	36.2	12.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	75.1	36.2	10.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	85.4	38.8	10.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	93.2	41.4	7.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	103.5	38.8	7.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	116.5	38.8	7.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	126.8	36.2	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	132.0	33.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	157.9	31.1	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	245.9	25.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	499.5	23.3	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	931.7	20.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1043.0	23.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	657.4	18.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	346.8	18.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	173.4	18.1	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	80.2	12.9	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	33.6	7.8	5.2	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	15.5	7.8	5.2	5.2	2.6	2.6	0.0	0.0	0.0	0.0	0.0
87.5°	7.8	7.8	7.8	5.2	5.2	2.6	2.6	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

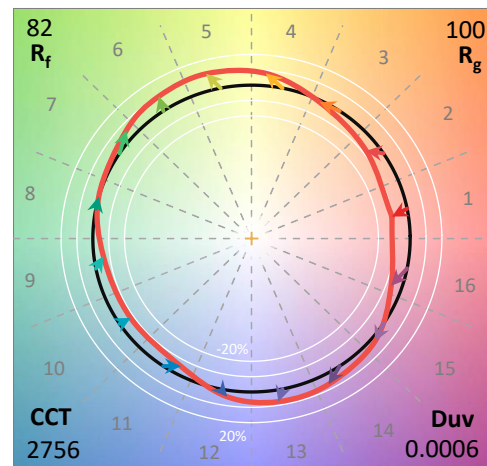
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

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 2700K 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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



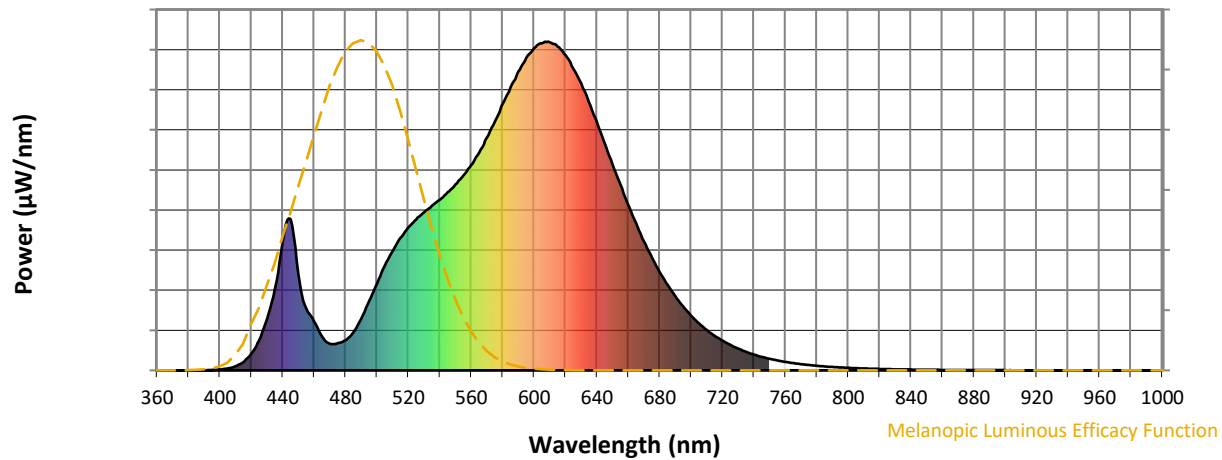
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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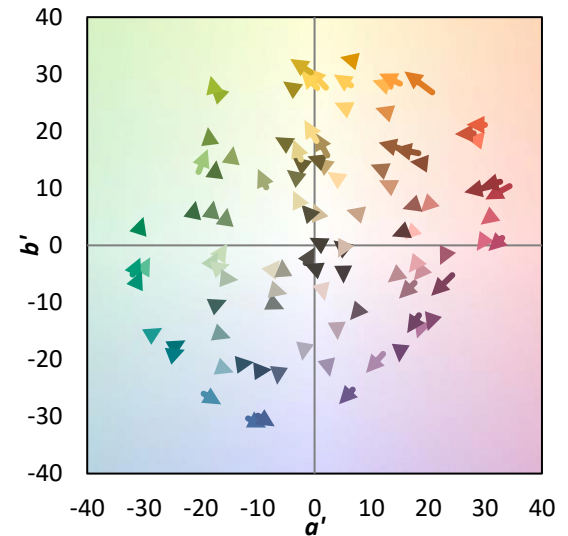
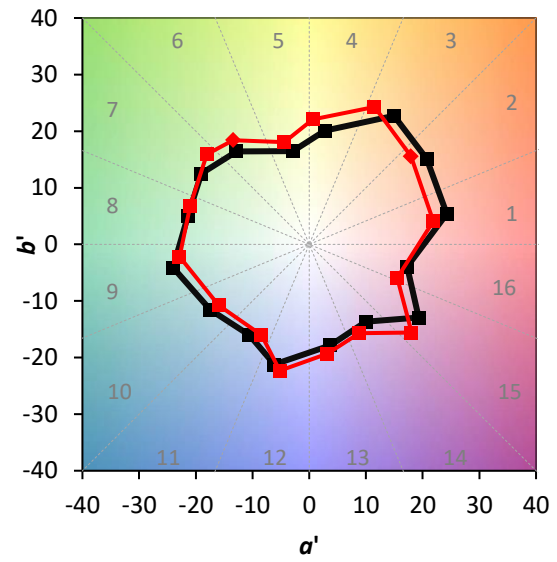
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$



Color Vector Graphics

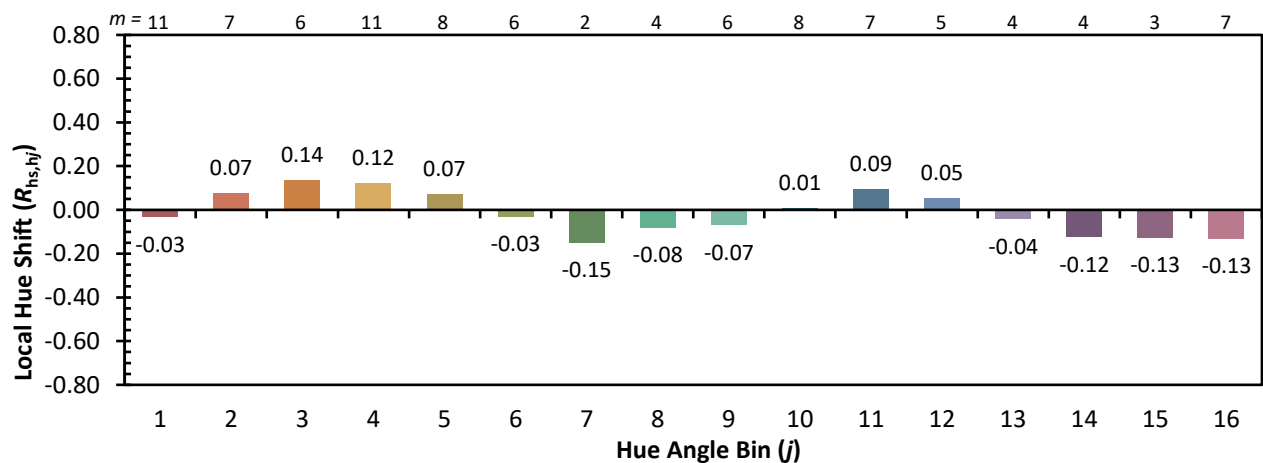


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)