

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: P1047885

Luminaire Tested: **GALN-SA3A-827-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047885
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-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9416.9 lumens
Efficiency: N/A
Efficacy: 115.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - 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

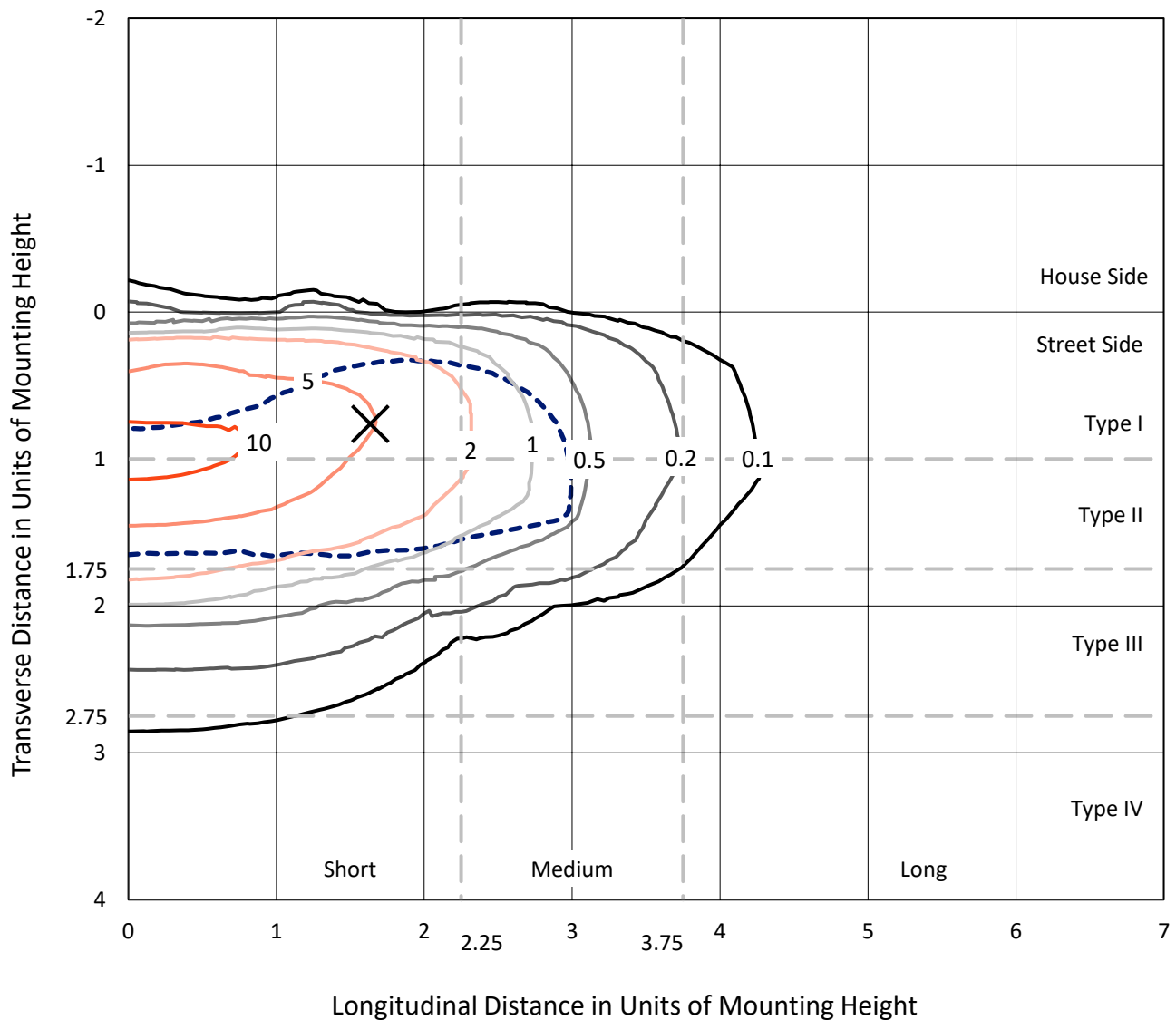


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

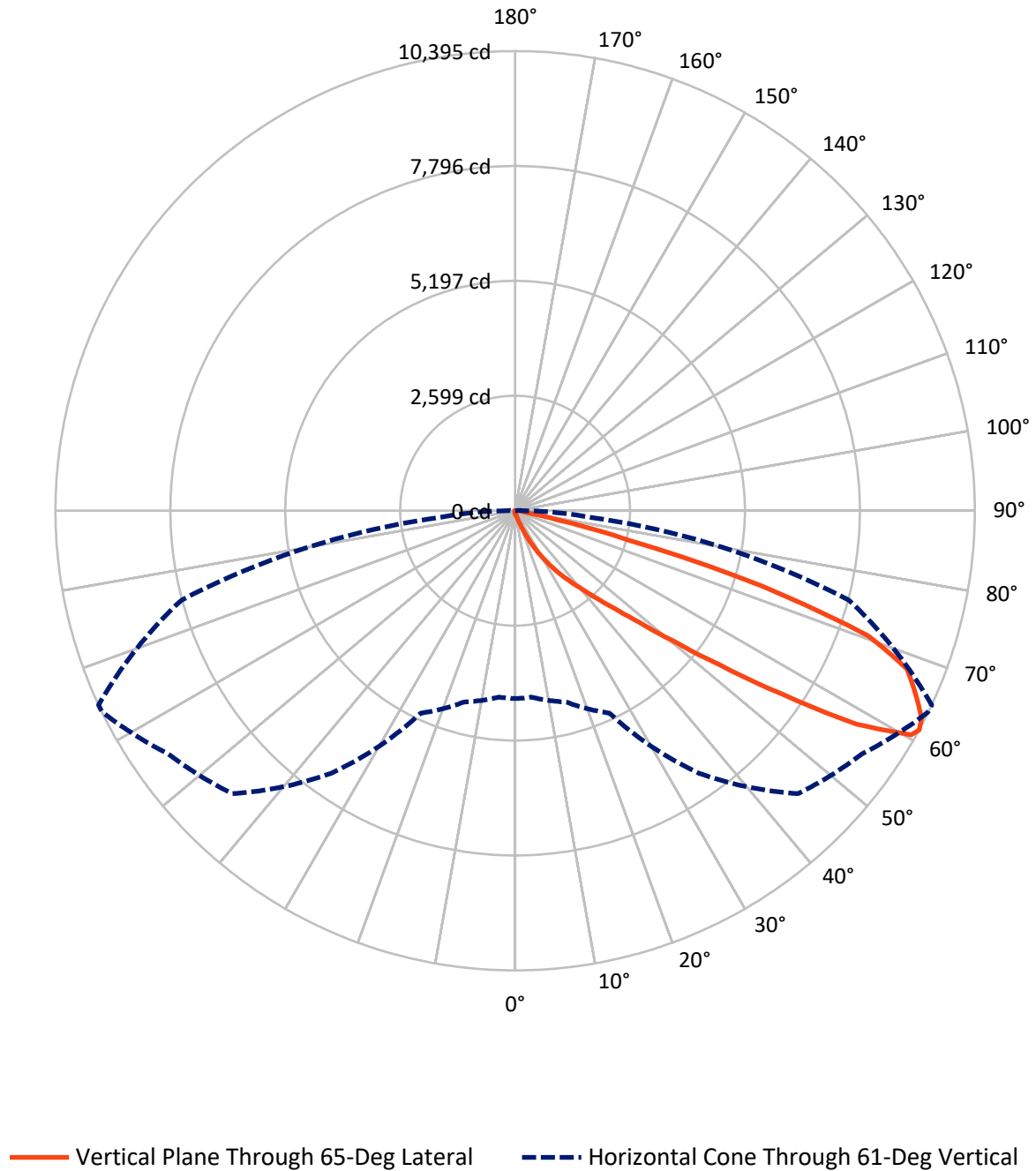


Based on 15 foot mounting height. Maximum calculated value = 12.5 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	40.2	0.0	40.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9376.7	0.0	9376.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	9416.9	0.0	9416.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.3	0.1
10°-20°	77.4	0.8
20°-30°	277.9	3.0
30°-40°	739.9	7.9
40°-50°	1943.7	20.6
50°-60°	3011.2	32.0
60°-70°	2524.8	26.8
70°-80°	743.0	7.9
80°-90°	91.7	1.0
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°	9416.9	100.0
0°-180°	9416.9	100.0



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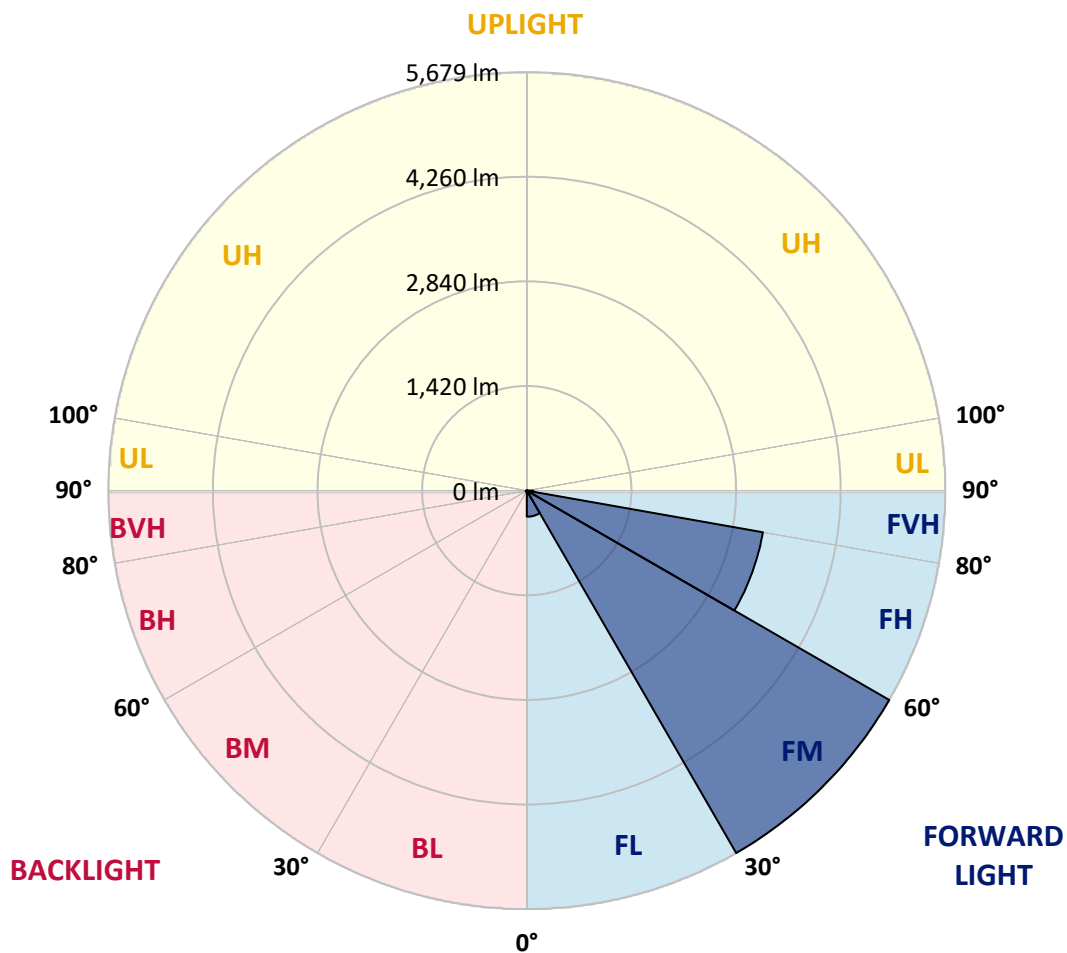
CATALOG NUMBER: GALN-SA3A-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	353.7	3.8			
FM	(30°-60°)	5679.4	60.3			
FH	(60°-80°)	3253.6	34.6			G2/5000
FVH	(80°-90°)	90.0	1.0			G1/100
BL	(0°-30°)	9.0	0.1	B0/110		
BM	(30°-60°)	15.3	0.2	B0/220		
BH	(60°-80°)	14.2	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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 II Short



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CATALOG NUMBER: GALN-SA3A-827-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
2.5°	70.0	70.6	69.3	66.7	64.8	64.8	64.1	62.2	62.2	60.2	58.9
5°	97.8	96.5	93.9	88.7	84.2	79.7	75.1	70.6	70.0	64.1	60.2
7.5°	160.0	161.3	152.9	136.7	123.1	105.6	89.4	79.7	78.4	68.7	60.9
10°	351.1	341.4	321.9	259.1	213.1	160.6	119.2	92.6	91.3	73.8	62.2
12.5°	640.0	632.2	596.6	531.8	413.3	287.6	174.3	114.7	110.8	78.4	62.8
15°	922.4	910.1	890.7	825.3	686.6	515.6	285.0	156.8	146.4	84.9	62.2
17.5°	1102.5	1104.5	1087.0	1059.1	969.7	763.1	492.3	233.8	213.8	96.5	60.9
20°	1259.9	1255.4	1265.1	1250.2	1187.4	1037.1	716.4	370.5	336.2	115.3	61.5
22.5°	1441.3	1452.3	1459.4	1456.2	1386.9	1258.6	971.0	554.5	511.1	149.6	63.5
25°	1684.2	1682.9	1683.6	1675.2	1607.8	1465.3	1226.2	783.2	739.1	205.3	68.0
27.5°	1938.8	1946.6	1949.8	1919.4	1831.3	1691.4	1462.7	1033.2	981.4	294.7	73.8
30°	2286.7	2280.2	2265.3	2203.1	2096.2	1922.6	1695.9	1295.6	1241.1	419.8	82.9
32.5°	2755.7	2748.5	2673.4	2536.1	2376.1	2163.6	1930.4	1558.6	1492.5	575.9	95.2
35°	3528.5	3539.5	3354.9	2999.2	2712.3	2453.1	2190.1	1820.3	1762.0	768.3	112.1
37.5°	4712.0	4651.7	4401.0	3772.7	3154.7	2814.6	2438.2	2084.6	2034.0	1005.4	134.1
40°	5861.8	5802.2	5729.6	5134.3	3923.6	3213.0	2785.5	2394.8	2329.4	1272.9	166.5
42.5°	7070.5	7037.5	7034.2	6585.3	5326.7	3839.4	3203.3	2758.2	2702.5	1566.3	219.6
45°	7926.9	7893.9	7963.2	8041.5	7237.7	5181.6	3930.7	3230.5	3149.5	1922.6	304.5
47.5°	8042.2	8043.5	8228.8	8474.3	8657.6	7257.7	4899.8	3856.2	3757.8	2432.4	447.0
50°	7658.7	7673.6	7968.3	8407.5	8901.2	8999.6	6608.7	4764.4	4618.7	3036.8	649.1
52.5°	6928.7	6945.5	7356.2	8078.5	8677.0	9418.1	8620.7	5952.5	5784.7	3790.8	934.1
55°	6271.2	6281.5	6752.5	7665.2	8406.9	9190.7	9815.2	7538.9	7318.6	4718.4	1215.2
57.5°	5620.1	5596.2	5902.6	6947.4	8360.9	8911.5	9991.4	9346.8	9103.9	5732.2	1434.2
60°	4749.5	4709.4	4955.5	5620.1	7755.9	9094.8	9661.6	10347.0	10291.9	7143.7	1603.3
61°	4248.8	4232.0	4479.4	5049.4	7246.7	9048.2	9582.6	10389.1	10394.9	7811.6	1679.0
62.5°	3034.2	3082.1	3460.4	4201.5	6069.7	8745.7	9593.0	10258.9	10316.6	8699.0	1875.3
65°	1348.7	1425.8	1719.9	2322.9	3529.8	7275.2	9501.0	9973.2	9944.7	8942.6	2551.6
67.5°	800.0	811.7	958.1	1316.3	1869.5	3913.2	8384.2	9595.6	9557.4	7785.0	3174.8
70°	630.3	636.1	682.8	825.9	1085.0	1499.0	4785.2	8302.0	8468.4	6312.6	3108.1
72.5°	597.9	596.6	603.1	628.3	683.4	743.7	1852.7	5518.4	5857.2	4546.1	2606.0
75°	590.1	587.5	581.1	571.3	494.9	437.9	573.9	2440.8	2637.1	3106.1	1962.1
77.5°	572.6	573.3	574.6	548.0	424.3	309.6	277.9	783.2	963.2	1971.2	1394.7
80°	387.4	393.2	402.9	392.6	381.5	224.1	196.3	278.5	282.4	1106.4	921.1
82.5°	196.3	196.3	191.7	171.0	147.7	145.8	156.1	202.1	204.7	559.7	433.4
85°	118.5	125.0	127.6	116.0	106.2	97.8	119.2	160.6	166.5	217.0	101.1
87.5°	26.6	27.2	29.8	39.5	57.7	78.4	110.8	147.0	149.6	139.3	12.3
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-SA3A-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
2.5°	58.3	57.0	56.4	54.4	52.5	50.5	49.2	48.6	49.2	49.9	49.9
5°	57.7	55.7	52.5	49.2	46.6	44.0	41.5	40.8	40.8	41.5	41.5
7.5°	57.7	54.4	49.9	46.0	42.1	38.2	36.3	35.0	35.6	35.6	35.6
10°	57.7	53.8	47.9	42.1	37.6	33.0	29.8	28.5	28.5	28.5	28.5
12.5°	57.0	53.1	46.0	38.9	32.4	27.2	23.3	21.4	22.0	22.0	22.0
15°	55.7	51.2	43.4	33.0	25.9	20.7	16.8	14.9	15.5	16.8	17.5
17.5°	53.8	49.2	38.9	27.9	20.7	15.5	11.7	10.4	11.0	13.0	13.0
20°	53.1	47.3	34.3	22.7	15.5	11.0	7.8	6.5	7.1	9.7	10.4
22.5°	53.1	46.0	31.1	18.8	11.7	7.1	4.5	2.6	2.6	4.5	4.5
25°	53.8	45.3	28.5	15.5	8.4	5.2	2.6	1.3	2.6	7.1	8.4
27.5°	55.1	44.7	27.2	13.0	6.5	4.5	1.9	4.5	7.8	7.8	7.8
30°	56.4	43.4	25.3	11.0	5.8	3.2	3.2	6.5	6.5	7.8	8.4
32.5°	58.3	42.8	24.0	9.7	4.5	2.6	4.5	3.9	3.9	4.5	5.2
35°	62.2	43.4	22.7	9.7	4.5	3.2	3.9	1.9	1.3	1.3	1.3
37.5°	67.4	44.0	20.7	8.4	3.9	3.9	1.9	0.0	0.0	0.0	0.0
40°	75.8	46.0	19.4	7.8	3.2	3.2	0.6	0.0	0.0	0.0	0.0
42.5°	90.0	49.9	18.8	7.1	3.2	2.6	0.0	0.0	0.0	0.0	0.0
45°	118.5	58.9	17.5	6.5	3.2	1.3	0.0	0.0	0.0	0.0	0.0
47.5°	170.4	80.3	16.8	5.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	248.7	108.8	16.2	4.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	317.4	114.7	11.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	325.2	79.0	8.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	259.1	51.2	7.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	196.3	38.9	6.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	188.5	35.0	6.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	207.9	30.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	338.1	25.3	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	587.5	22.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	742.4	20.7	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	647.1	18.8	3.9	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	389.3	16.2	3.9	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	204.1	12.3	3.9	3.2	1.9	0.6	0.0	0.0	0.0	0.0	0.0
80°	99.1	11.0	4.5	3.2	2.6	1.3	0.0	0.0	0.0	0.0	0.0
82.5°	38.9	9.1	5.2	4.5	3.2	1.9	0.6	0.0	0.0	0.0	0.0
85°	17.5	7.8	5.8	5.2	4.5	2.6	0.6	0.0	0.0	0.0	0.0
87.5°	9.1	7.1	6.5	5.8	4.5	3.2	1.3	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: SP1-2407-184-8

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

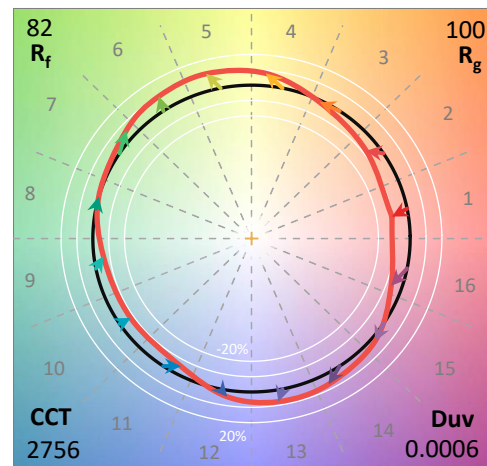
Test Information

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



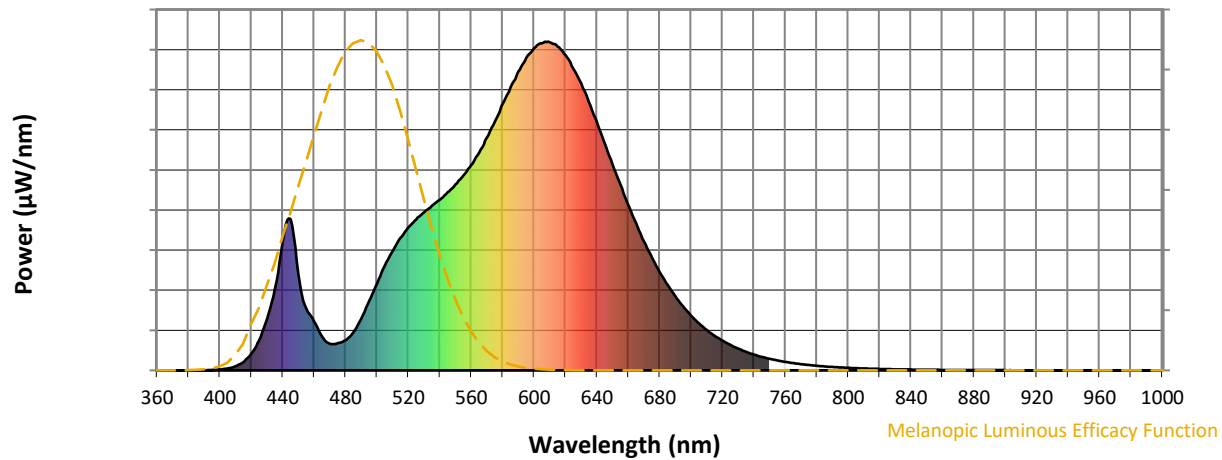
Scotopic Lumens: NR

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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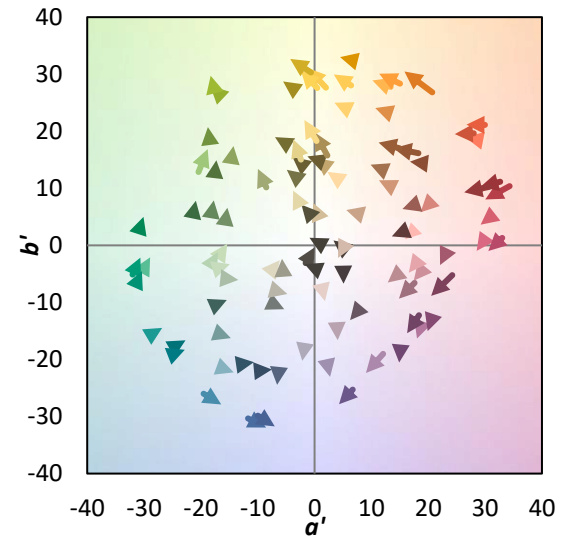
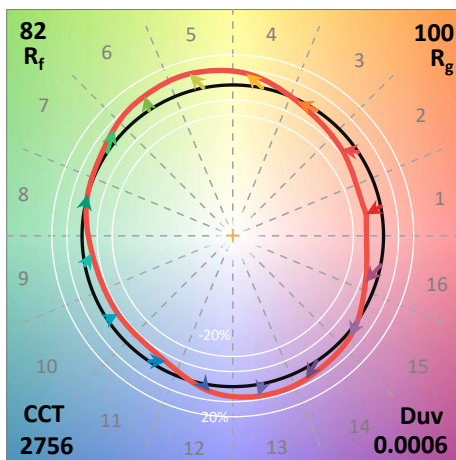
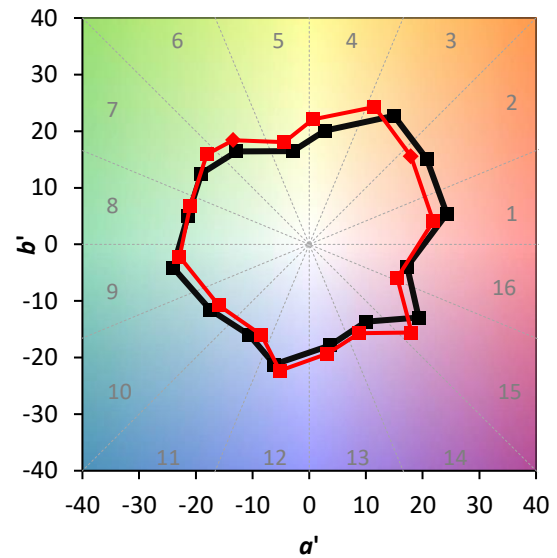
TM-30-18

Summary

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



Color Vector Graphics

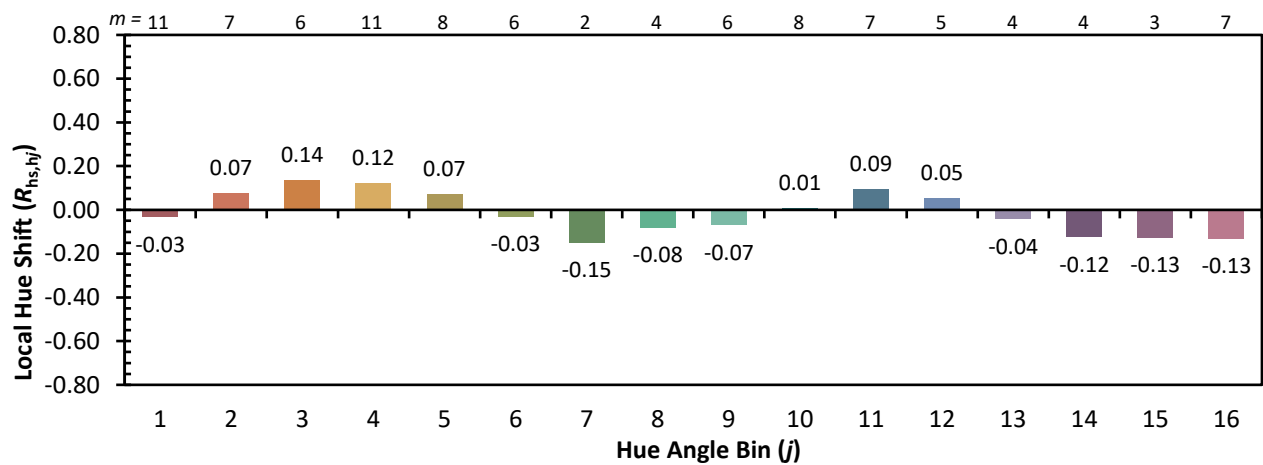


Individual Sample Fidelity Index ($R_{f,i}$)

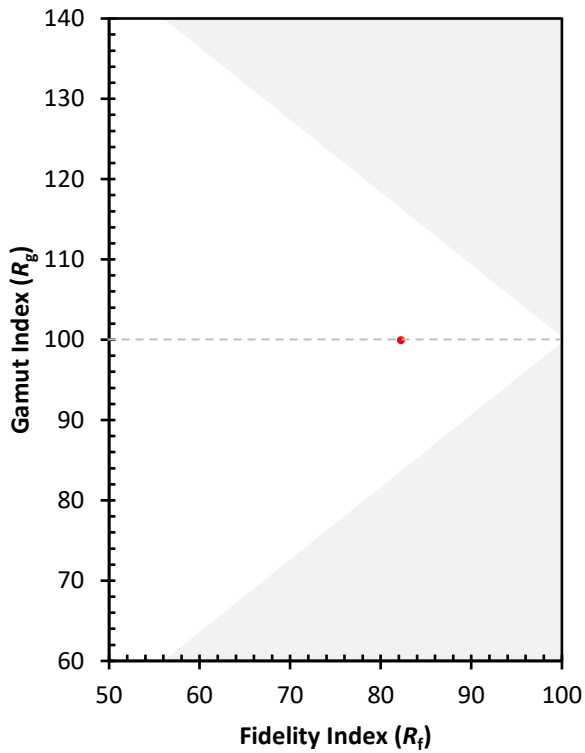
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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)