

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: P1048517

Luminaire Tested: **GALN-SA8A-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048517
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24921.5 lumens
Efficiency: N/A
Efficacy: 114.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

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

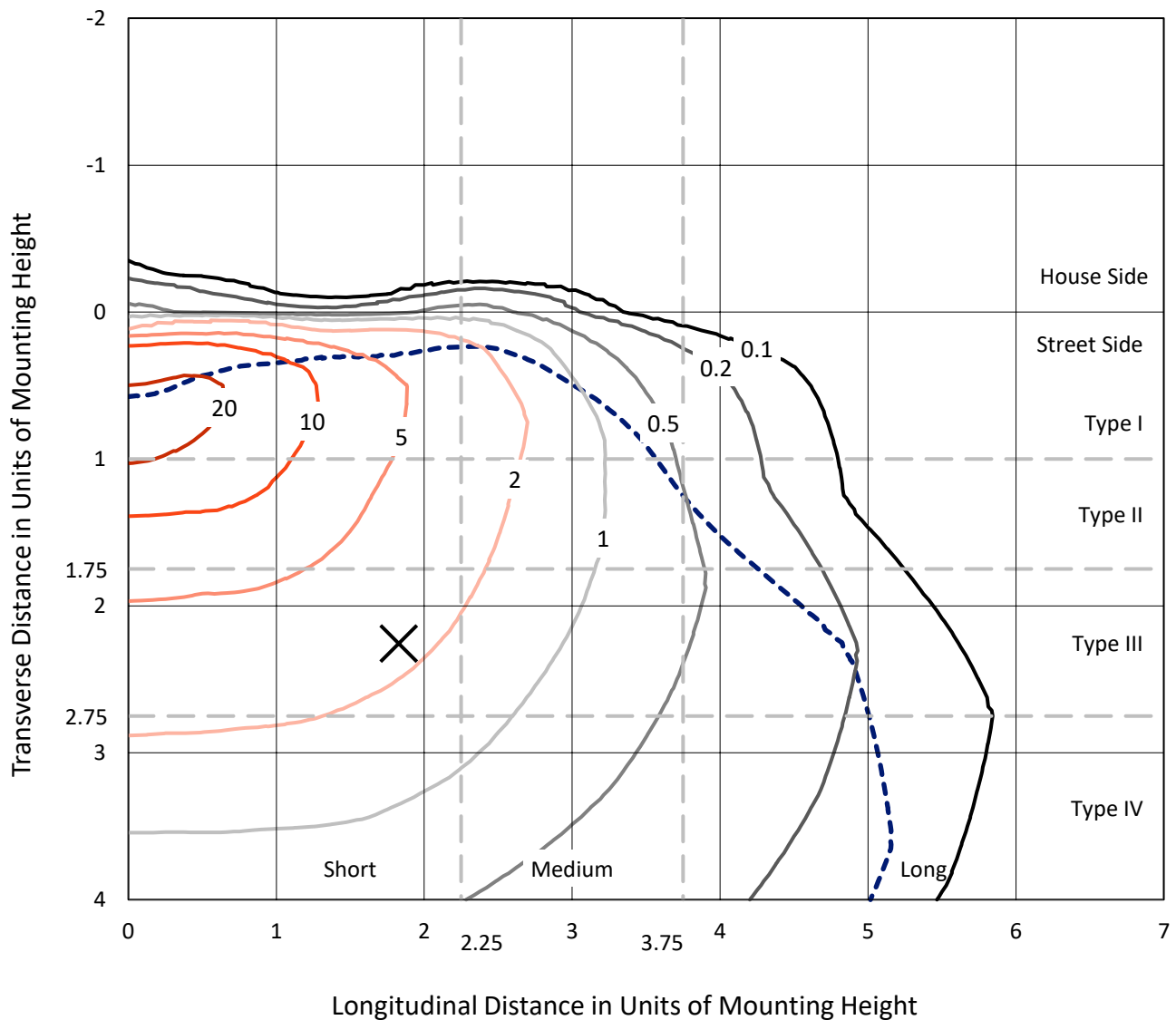


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

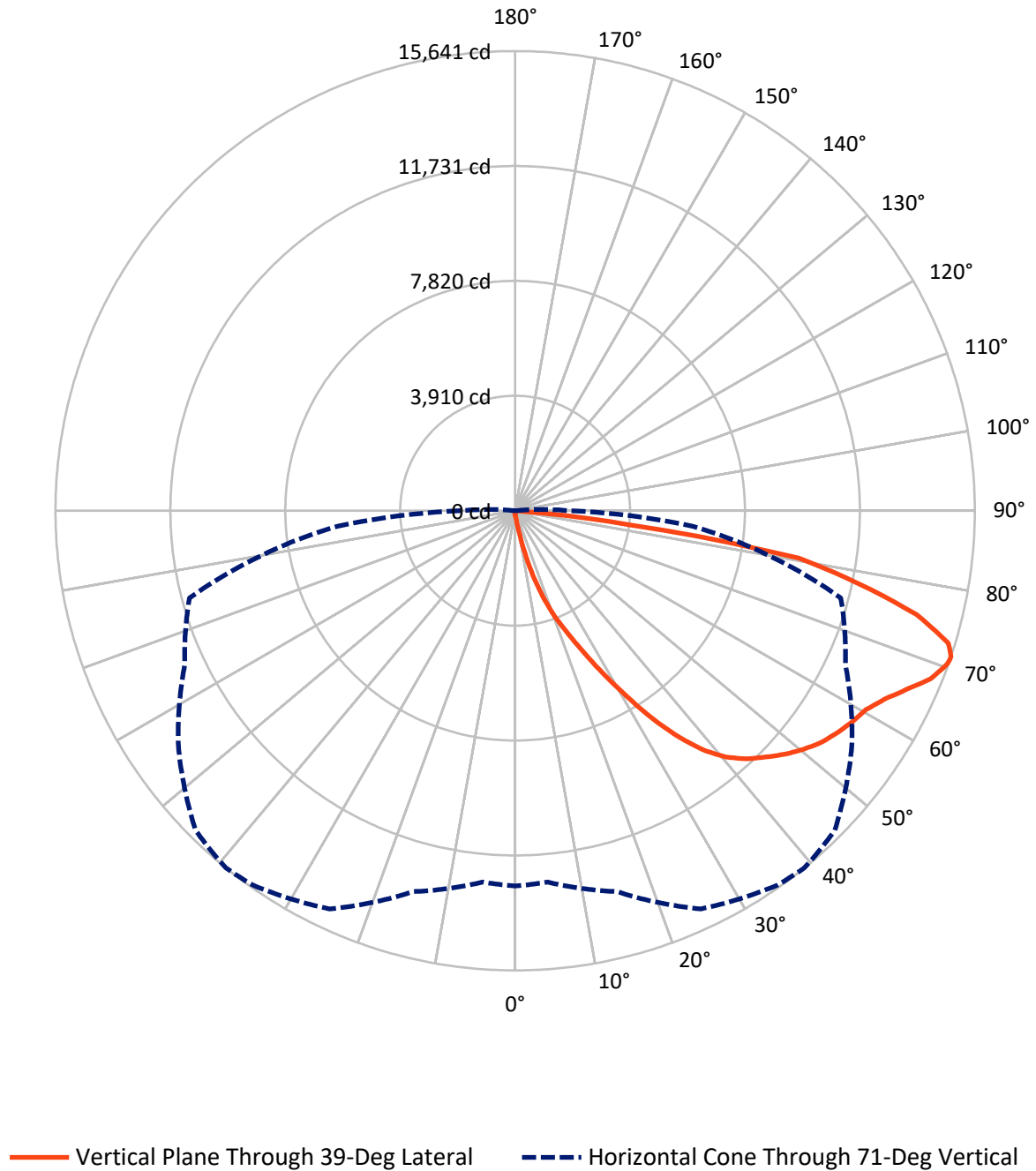


Based on 15 foot mounting height. Maximum calculated value = 25.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	88.6	0.0	88.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24832.9	0.0	24832.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	24921.5	0.0	24921.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.8	0.1
10°-20°	266.4	1.1
20°-30°	948.6	3.8
30°-40°	2286.2	9.2
40°-50°	3826.1	15.4
50°-60°	4914.1	19.7
60°-70°	6218.8	25.0
70°-80°	5544.4	22.2
80°-90°	896.2	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°	24921.5	100.0
0°-180°	24921.5	100.0



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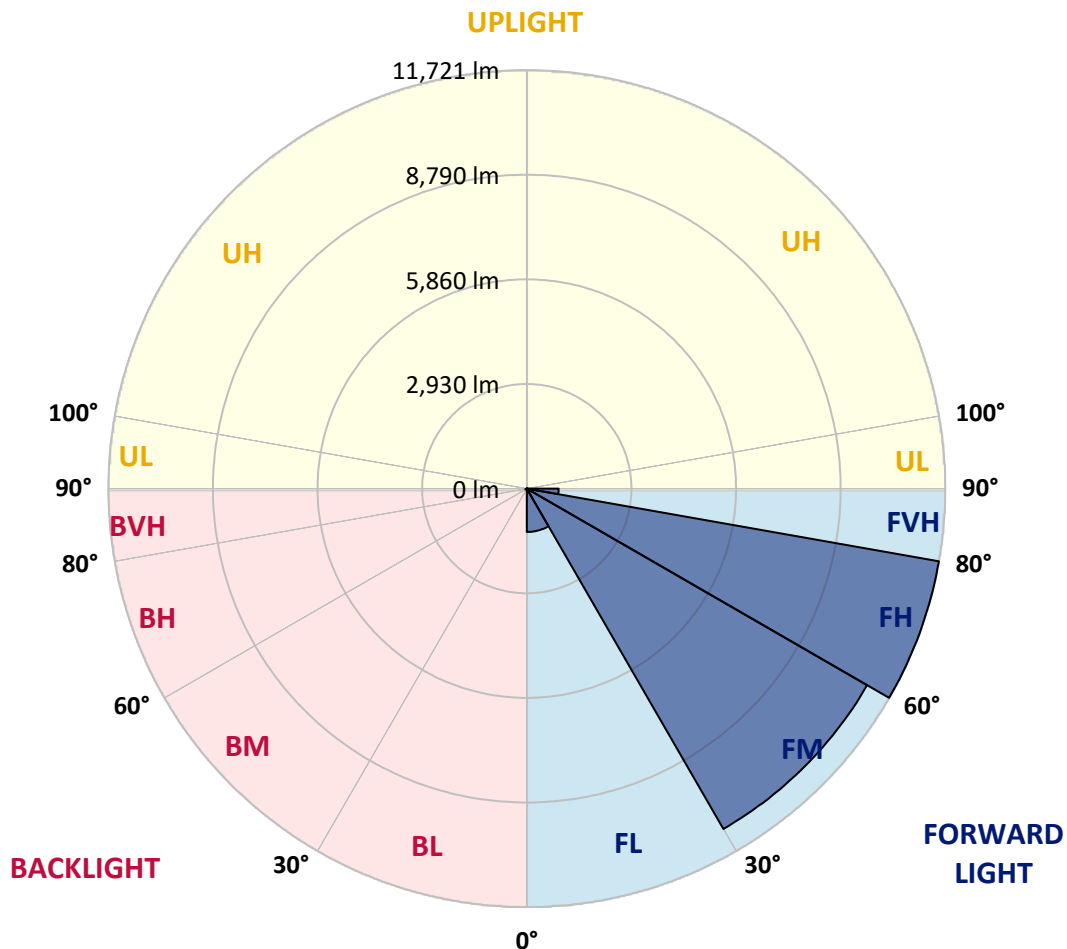
CATALOG NUMBER: GALN-SA8A-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1214.3	4.9			
FM	(30°-60°)	11005.8	44.2			
FH	(60°-80°)	11720.6	47.0			G4/12000
FVH	(80°-90°)	892.2	3.6			G5
BL	(0°-30°)	21.4	0.1	B0/110		
BM	(30°-60°)	20.5	0.1	B0/220		
BH	(60°-80°)	42.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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-G5

Type IV Short



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CATALOG NUMBER: GALN-SA8A-827-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7
2.5°	156.9	156.9	156.9	151.8	151.8	150.1	148.5	148.5	145.1	143.4	140.0
5°	237.9	232.8	221.0	214.3	200.8	192.3	183.9	172.1	160.3	151.8	141.7
7.5°	538.2	550.0	511.2	438.6	364.4	332.3	278.4	224.4	185.6	160.3	143.4
10°	1371.6	1364.8	1233.2	1088.1	840.2	740.6	580.3	366.1	239.6	175.5	145.1
12.5°	2333.2	2326.4	2171.2	1973.9	1646.6	1439.1	1135.4	683.3	344.2	199.1	145.1
15°	3141.3	3114.3	3065.4	2869.7	2486.7	2312.9	1911.4	1207.9	556.7	239.6	148.5
17.5°	3676.1	3652.5	3606.9	3536.1	3293.1	3087.3	2765.1	1897.9	900.9	310.4	155.2
20°	4167.0	4150.1	4113.0	4099.5	3942.6	3833.0	3566.4	2690.8	1403.6	421.8	165.3
22.5°	4841.8	4806.4	4821.6	4740.6	4587.1	4455.5	4291.9	3520.9	2017.7	607.3	183.9
25°	5668.5	5651.6	5609.4	5552.1	5339.5	5224.8	4973.4	4303.7	2704.3	850.3	204.1
27.5°	6667.2	6648.7	6638.5	6507.0	6262.3	6137.5	5786.6	5042.6	3477.0	1191.1	231.1
30°	7817.8	7826.2	7760.4	7591.7	7306.6	7131.2	6770.1	5817.0	4268.2	1590.9	259.8
32.5°	9008.9	8992.0	8890.8	8691.7	8436.9	8273.3	7814.4	6665.5	5098.3	2118.9	293.5
35°	10292.7	10260.6	9994.1	9766.3	9548.7	9342.9	8924.5	7650.8	5928.3	2711.1	339.1
37.5°	11588.4	11438.2	10903.4	10614.9	10464.8	10296.1	9906.4	8701.8	6753.3	3372.4	394.8
40°	12566.8	12450.4	11816.1	11284.7	11164.9	11021.5	10731.3	9609.4	7630.5	4082.7	462.3
42.5°	13108.4	13044.3	12474.1	11949.4	11667.7	11541.1	11293.1	10402.4	8497.7	4867.1	560.1
45°	13339.5	13240.0	12858.7	12614.1	12165.3	11956.1	11660.9	11001.3	9403.6	5757.9	696.8
47.5°	13268.7	13211.3	12938.0	13027.4	12701.8	12376.2	11942.6	11460.1	10178.0	6780.3	884.0
50°	12823.3	12774.4	12690.0	13174.2	13133.7	12749.1	12307.0	11822.9	10810.6	7834.7	1174.2
52.5°	11976.4	11956.1	12172.1	13059.5	13378.3	13078.0	12657.9	12143.4	11401.1	8936.3	1589.2
55°	10884.9	10967.5	11585.0	12880.6	13503.2	13321.0	12968.4	12443.7	11875.2	9921.6	2201.6
57.5°	10436.1	10458.0	11229.0	12754.1	13558.8	13535.2	13270.3	12730.5	12310.4	10709.4	3136.2
60°	10960.8	10927.0	11333.6	12850.3	13670.2	13727.5	13538.6	12997.0	12688.3	11385.9	4381.3
62.5°	11908.9	11890.3	12020.2	13260.2	13995.8	14112.2	13911.4	13189.4	13022.4	11831.3	5801.8
65°	12755.8	12717.0	12958.2	13987.3	14567.7	14650.4	14474.9	13518.3	13169.1	12155.2	7136.2
67.5°	13121.9	13113.5	13501.5	14679.0	15168.3	15257.7	15104.2	13972.2	13135.4	12258.1	7725.0
70°	12954.9	12922.8	13543.7	14972.6	15507.4	15608.6	15460.1	14140.9	12769.3	11932.5	6852.8
71°	12771.0	12684.9	13417.1	14952.3	15554.6	15640.7	15380.9	13987.3	12401.5	11470.3	6061.6
72.5°	12200.8	12215.9	13069.6	14741.5	15441.6	15416.3	14932.1	13437.4	11957.8	10420.9	4868.8
75°	10797.1	10886.5	11944.3	13855.8	14432.7	14110.5	13369.9	12386.3	11067.1	7472.0	3380.9
77.5°	8823.3	8956.6	10118.9	12151.8	11988.2	11956.1	11925.8	10913.5	9450.9	4013.5	2351.8
80°	4212.6	4501.1	6103.8	8674.8	9423.9	9786.6	9558.8	8794.6	7308.3	1911.4	1405.3
82.5°	275.0	271.6	384.6	728.8	3072.1	3971.3	6309.6	6286.0	5094.9	931.3	573.6
85°	129.9	133.3	146.8	167.0	194.0	212.6	293.5	1720.8	2437.8	443.7	124.8
87.5°	75.9	77.6	91.1	116.4	151.8	168.7	200.8	258.1	317.2	244.6	27.0
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-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7
2.5°	138.3	136.7	131.6	126.5	121.5	118.1	116.4	118.1	118.1	119.8	119.8
5°	138.3	133.3	124.8	114.7	108.0	101.2	97.8	96.2	97.8	97.8	97.8
7.5°	136.7	128.2	116.4	104.6	96.2	87.7	84.4	82.7	82.7	84.4	84.4
10°	133.3	124.8	109.7	96.2	86.0	75.9	70.9	65.8	65.8	65.8	67.5
12.5°	131.6	119.8	101.2	87.7	74.2	62.4	52.3	47.2	48.9	48.9	48.9
15°	128.2	114.7	96.2	79.3	62.4	47.2	38.8	33.7	35.4	37.1	35.4
17.5°	128.2	113.0	89.4	69.2	48.9	35.4	28.7	25.3	25.3	27.0	27.0
20°	128.2	109.7	84.4	59.0	37.1	27.0	20.2	18.6	18.6	21.9	23.6
22.5°	131.6	109.7	77.6	48.9	30.4	20.2	15.2	13.5	15.2	18.6	20.2
25°	136.7	108.0	70.9	43.9	25.3	15.2	11.8	8.4	10.1	13.5	15.2
27.5°	141.7	106.3	64.1	38.8	20.2	11.8	8.4	6.7	5.1	6.7	6.7
30°	146.8	106.3	57.4	32.1	16.9	8.4	5.1	3.4	1.7	0.0	0.0
32.5°	150.1	102.9	52.3	25.3	13.5	6.7	3.4	1.7	0.0	0.0	0.0
35°	153.5	99.5	45.6	20.2	10.1	5.1	1.7	0.0	0.0	0.0	0.0
37.5°	156.9	94.5	38.8	16.9	8.4	3.4	0.0	0.0	0.0	0.0	0.0
40°	160.3	87.7	32.1	15.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	163.6	82.7	27.0	11.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	172.1	79.3	21.9	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	187.3	75.9	20.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	209.2	72.5	18.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	239.6	70.9	16.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	293.5	69.2	15.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	386.3	67.5	15.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	592.2	64.1	15.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1057.8	62.4	13.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1843.9	64.1	13.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2643.6	67.5	11.8	5.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	2262.3	59.0	11.8	6.7	3.4	1.7	0.0	0.0	0.0	0.0	0.0
71°	1843.9	52.3	11.8	6.7	3.4	1.7	1.7	0.0	0.0	0.0	0.0
72.5°	1186.0	40.5	10.1	6.7	3.4	3.4	1.7	0.0	0.0	0.0	0.0
75°	501.1	33.7	10.1	6.7	5.1	3.4	3.4	1.7	0.0	0.0	0.0
77.5°	214.3	25.3	10.1	8.4	6.7	5.1	5.1	3.4	1.7	0.0	0.0
80°	81.0	20.2	11.8	10.1	8.4	8.4	6.7	3.4	1.7	0.0	0.0
82.5°	37.1	16.9	11.8	10.1	10.1	8.4	6.7	5.1	3.4	0.0	0.0
85°	23.6	15.2	11.8	10.1	10.1	8.4	8.4	5.1	3.4	0.0	0.0
87.5°	18.6	15.2	11.8	11.8	10.1	10.1	6.7	5.1	1.7	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

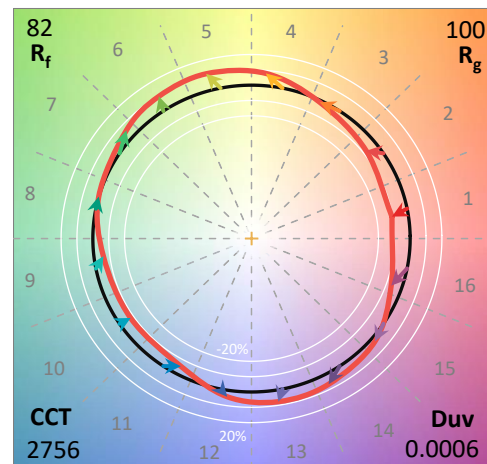
Test Information

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

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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 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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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Scotopic Flux vs. Wavelength



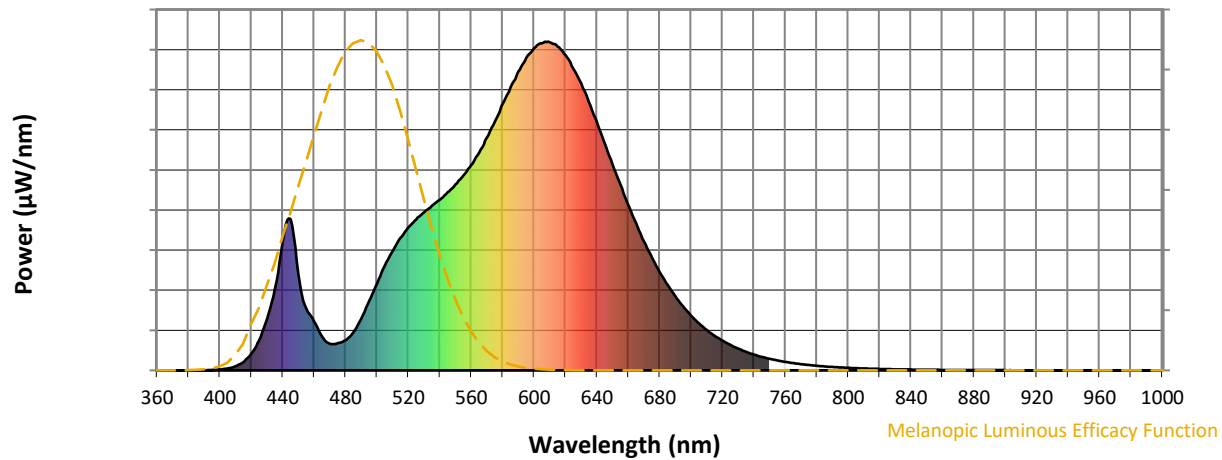
Scotopic Lumens: NR

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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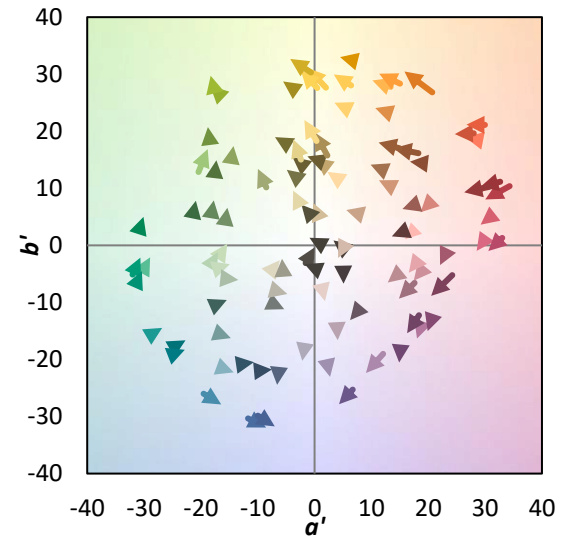
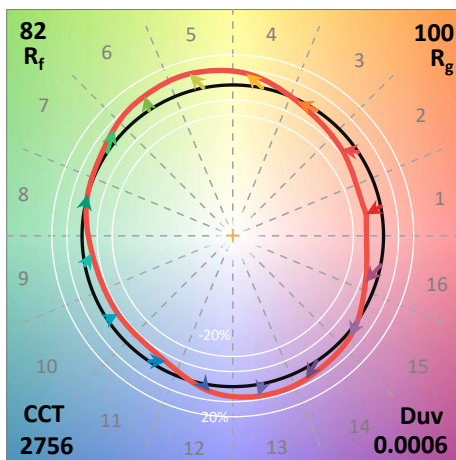
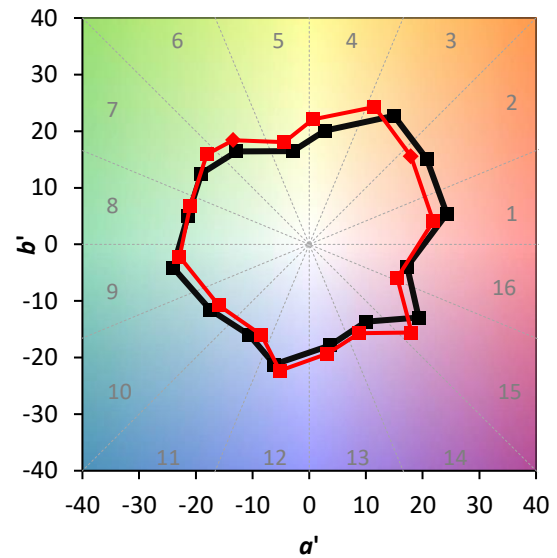
TM-30-18

Summary

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



Color Vector Graphics

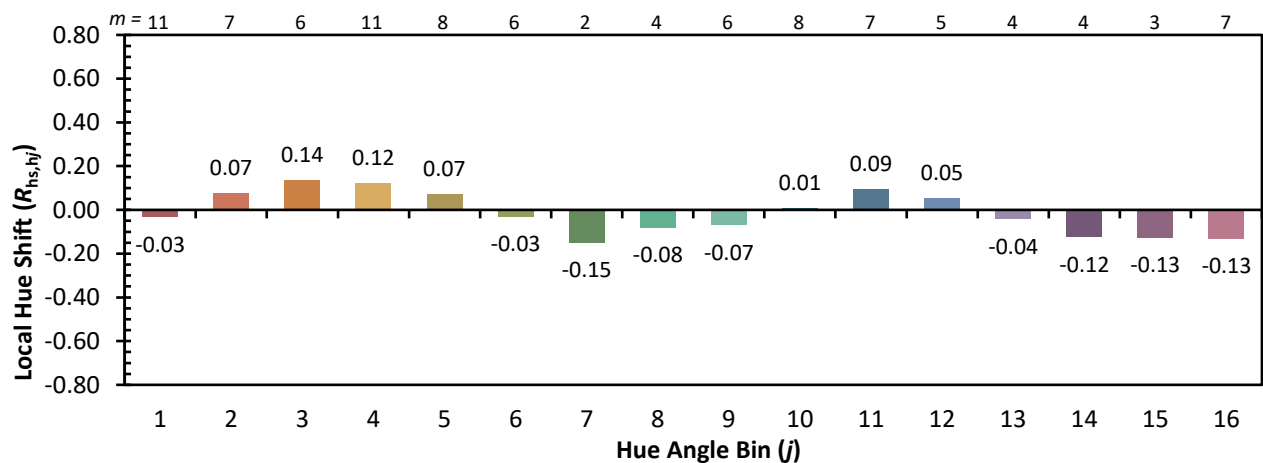


Individual Sample Fidelity Index ($R_{f,i}$)

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)