

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: P1048515

Luminaire Tested: **GALN-SA7C-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048515
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33708.9 lumens
Efficiency: N/A
Efficacy: 102.1 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): 330
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



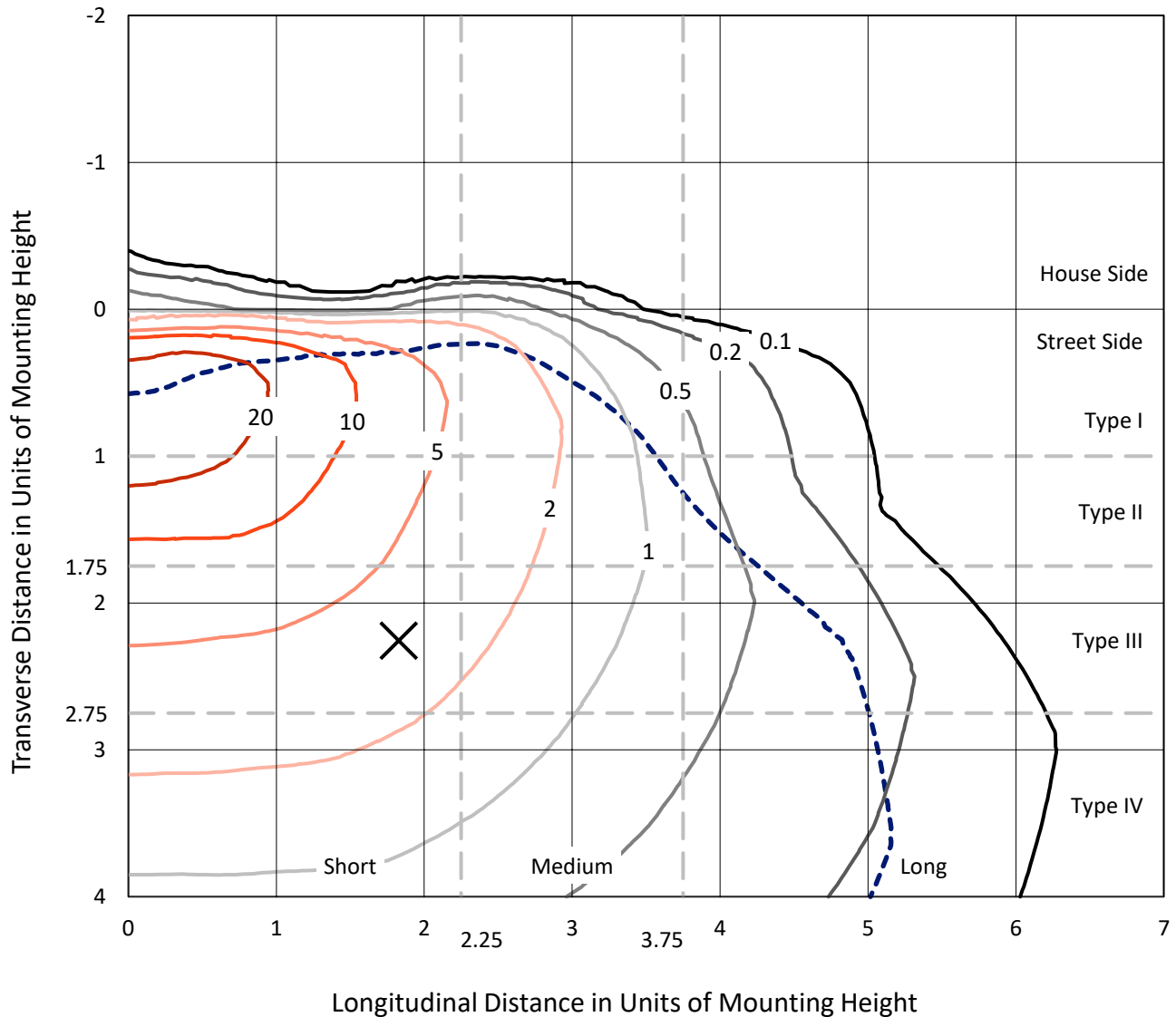
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

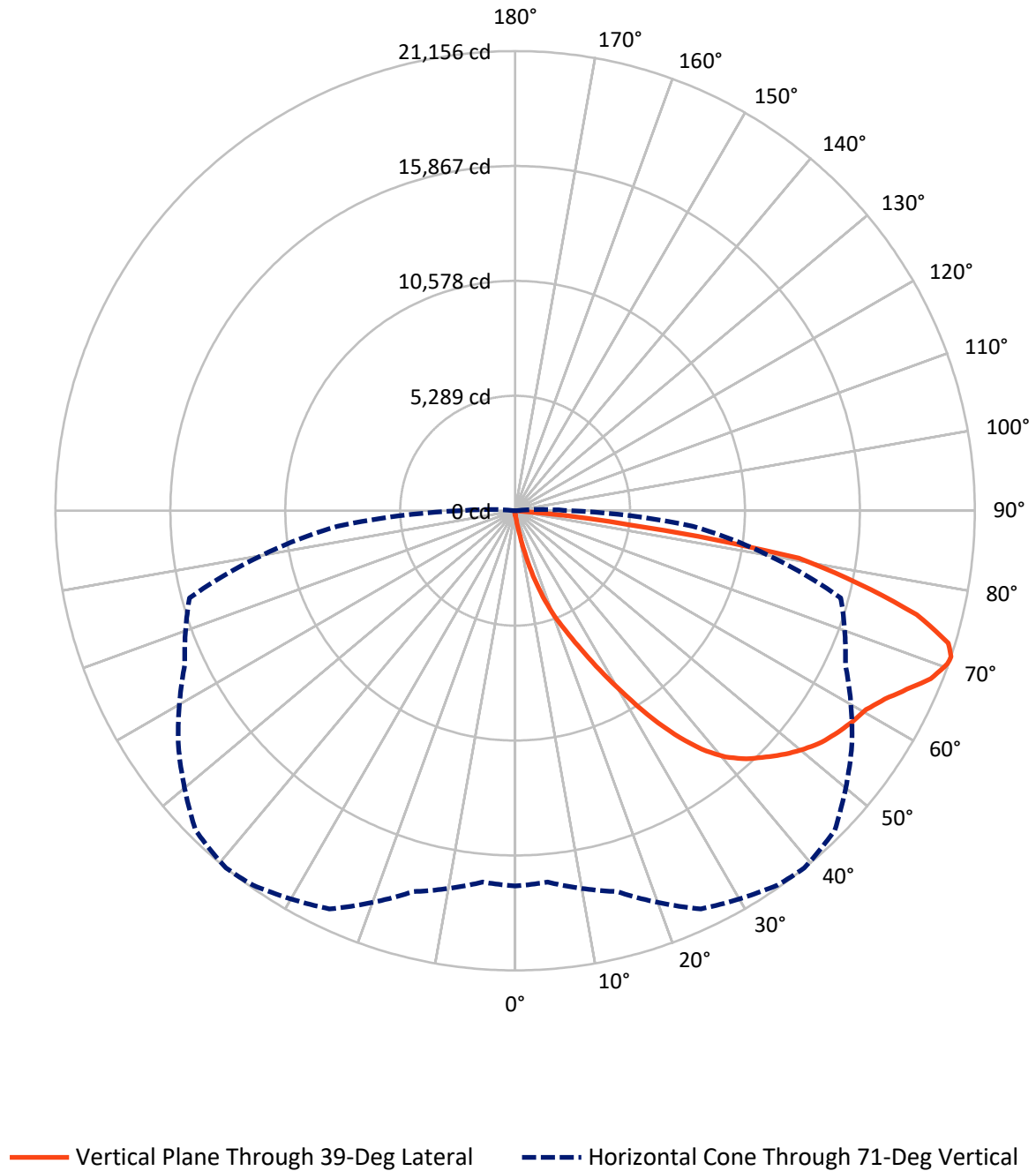


Based on 15 foot mounting height. Maximum calculated value = 34.7 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	119.8	0.0	119.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	33589.1	0.0	33589.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	33708.9	0.0	33708.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	0.1
10°-20°	360.3	1.1
20°-30°	1283.0	3.8
30°-40°	3092.3	9.2
40°-50°	5175.1	15.4
50°-60°	6646.8	19.7
60°-70°	8411.6	25.0
70°-80°	7499.3	22.2
80°-90°	1212.2	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°	33708.9	100.0
0°-180°	33708.9	100.0



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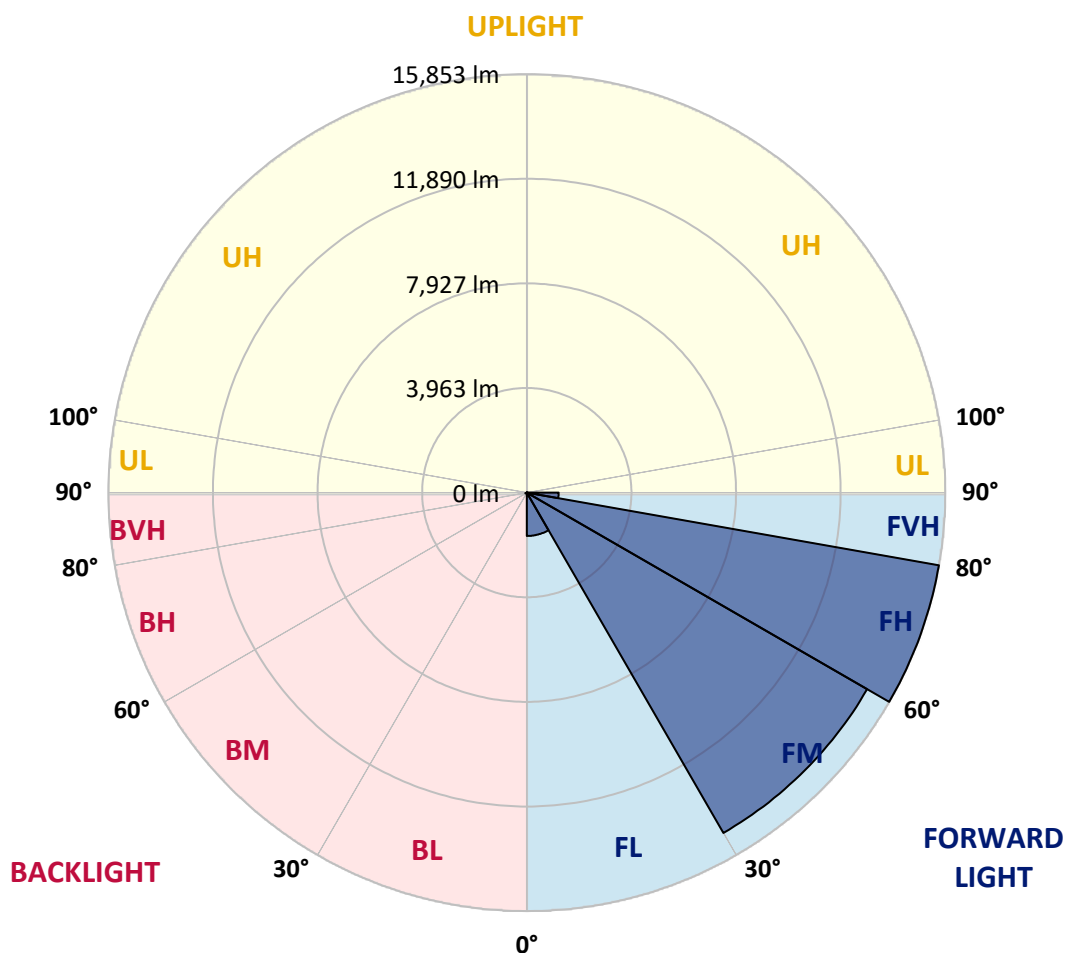
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1642.5	4.9			
FM	(30°-60°)	14886.5	44.2			
FH	(60°-80°)	15853.3	47.0			G5
FVH	(80°-90°)	1206.7	3.6			G5
BL	(0°-30°)	29.0	0.1	B0/110		
BM	(30°-60°)	27.7	0.1	B0/220		
BH	(60°-80°)	57.6	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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-G5

Type IV Short



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CATALOG NUMBER: GALN-SA7C-827-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8
2.5°	212.2	212.2	212.2	205.4	205.4	203.1	200.8	200.8	196.2	194.0	189.4
5°	321.7	314.9	298.9	289.8	271.5	260.1	248.7	232.8	216.8	205.4	191.7
7.5°	727.9	743.9	691.4	593.3	492.9	449.5	376.5	303.5	251.0	216.8	194.0
10°	1855.2	1846.1	1668.1	1471.8	1136.4	1001.8	785.0	495.2	324.0	237.3	196.2
12.5°	3155.9	3146.8	2936.8	2669.8	2227.1	1946.5	1535.7	924.2	465.5	269.3	196.2
15°	4248.9	4212.4	4146.2	3881.5	3363.5	3128.5	2585.4	1633.8	753.0	324.0	200.8
17.5°	4972.3	4940.3	4878.7	4782.9	4454.3	4175.9	3740.1	2567.2	1218.5	419.9	209.9
20°	5636.3	5613.5	5563.3	5545.0	5332.8	5184.5	4824.0	3639.6	1898.6	570.5	223.6
22.5°	6549.1	6501.2	6521.7	6412.2	6204.5	6026.5	5805.2	4762.4	2729.2	821.5	248.7
25°	7667.2	7644.4	7587.4	7509.8	7222.3	7067.1	6727.1	5821.2	3657.9	1150.1	276.1
27.5°	9018.1	8993.0	8979.3	8801.3	8470.5	8301.6	7827.0	6820.6	4703.0	1611.0	312.6
30°	10574.4	10585.8	10496.8	10268.6	9883.0	9645.6	9157.3	7868.0	5773.2	2151.8	351.4
32.5°	12185.4	12162.6	12025.7	11756.4	11411.8	11190.5	10569.8	9015.8	6895.9	2866.1	397.1
35°	13921.9	13878.6	13518.0	13210.0	12915.6	12637.2	12071.3	10348.5	8018.6	3667.0	458.7
37.5°	15674.5	15471.4	14748.0	14357.8	14154.7	13926.5	13399.4	11770.1	9134.5	4561.5	534.0
40°	16998.0	16840.5	15982.5	15263.7	15101.7	14907.7	14515.2	12997.8	10321.1	5522.2	625.2
42.5°	17730.5	17643.7	16872.5	16162.8	15781.7	15610.6	15275.1	14070.3	11494.0	6583.3	757.6
45°	18043.1	17908.4	17392.7	17061.9	16454.9	16171.9	15772.6	14880.3	12719.4	7788.2	942.4
47.5°	17947.2	17869.7	17500.0	17620.9	17180.5	16740.1	16153.7	15501.0	13766.8	9171.0	1195.7
50°	17344.8	17278.6	17164.5	17819.5	17764.7	17244.4	16646.5	15991.6	14622.5	10597.2	1588.2
52.5°	16199.3	16171.9	16464.0	17664.3	18095.6	17689.4	17121.2	16425.2	15421.2	12087.3	2149.6
55°	14722.9	14834.7	15669.9	17422.4	18264.4	18018.0	17541.1	16831.4	16062.4	13419.9	2977.9
57.5°	14115.9	14145.6	15188.4	17251.3	18339.7	18307.8	17949.5	17219.3	16651.1	14485.6	4242.1
60°	14825.6	14779.9	15329.9	17381.3	18490.3	18567.9	18312.3	17579.9	17162.3	15400.6	5926.1
62.5°	16108.0	16082.9	16258.6	17935.8	18930.7	19088.2	18816.6	17840.0	17614.1	16003.0	7847.5
65°	17253.5	17201.1	17527.4	18919.3	19704.3	19816.1	19578.8	18285.0	17812.6	16441.2	9652.5
67.5°	17748.7	17737.3	18262.1	19854.9	20516.7	20637.6	20430.0	18898.8	17767.0	16580.4	10448.9
70°	17522.8	17479.4	18319.2	20252.0	20975.3	21112.3	20911.4	19127.0	17271.8	16140.0	9269.1
71°	17274.1	17157.7	18148.0	20224.6	21039.2	21155.6	20804.2	18919.3	16774.3	15514.7	8198.9
72.5°	16502.8	16523.3	17678.0	19939.3	20886.3	20852.1	20197.2	18175.4	16174.2	14095.4	6585.6
75°	14604.2	14725.2	16155.9	18741.3	19521.8	19085.9	18084.2	16753.8	14969.3	10106.6	4573.0
77.5°	11934.4	12114.7	13686.9	16436.6	16215.3	16171.9	16130.8	14761.7	12783.3	5428.7	3181.0
80°	5697.9	6088.1	8256.0	11733.6	12746.8	13237.4	12929.3	11895.6	9885.2	2585.4	1900.8
82.5°	372.0	367.4	520.3	985.8	4155.4	5371.6	8534.4	8502.4	6891.4	1259.6	775.9
85°	175.7	180.3	198.5	225.9	262.4	287.5	397.1	2327.6	3297.4	600.1	168.9
87.5°	102.7	105.0	123.2	157.5	205.4	228.2	271.5	349.1	429.0	330.9	36.5
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8
2.5°	187.1	184.8	178.0	171.1	164.3	159.7	157.5	159.7	159.7	162.0	162.0
5°	187.1	180.3	168.9	155.2	146.0	136.9	132.4	130.1	132.4	132.4	132.4
7.5°	184.8	173.4	157.5	141.5	130.1	118.7	114.1	111.8	111.8	114.1	114.1
10°	180.3	168.9	148.3	130.1	116.4	102.7	95.8	89.0	89.0	89.0	91.3
12.5°	178.0	162.0	136.9	118.7	100.4	84.4	70.7	63.9	66.2	66.2	66.2
15°	173.4	155.2	130.1	107.2	84.4	63.9	52.5	45.6	47.9	50.2	47.9
17.5°	173.4	152.9	120.9	93.6	66.2	47.9	38.8	34.2	34.2	36.5	36.5
20°	173.4	148.3	114.1	79.9	50.2	36.5	27.4	25.1	25.1	29.7	31.9
22.5°	178.0	148.3	105.0	66.2	41.1	27.4	20.5	18.3	20.5	25.1	27.4
25°	184.8	146.0	95.8	59.3	34.2	20.5	16.0	11.4	13.7	18.3	20.5
27.5°	191.7	143.8	86.7	52.5	27.4	16.0	11.4	9.1	6.8	9.1	9.1
30°	198.5	143.8	77.6	43.4	22.8	11.4	6.8	4.6	2.3	0.0	0.0
32.5°	203.1	139.2	70.7	34.2	18.3	9.1	4.6	2.3	0.0	0.0	0.0
35°	207.7	134.6	61.6	27.4	13.7	6.8	2.3	0.0	0.0	0.0	0.0
37.5°	212.2	127.8	52.5	22.8	11.4	4.6	0.0	0.0	0.0	0.0	0.0
40°	216.8	118.7	43.4	20.5	6.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	221.3	111.8	36.5	16.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0
45°	232.8	107.2	29.7	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	253.3	102.7	27.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	283.0	98.1	25.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	324.0	95.8	22.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	397.1	93.6	20.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	522.6	91.3	20.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	801.0	86.7	20.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1430.8	84.4	18.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2494.1	86.7	18.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3575.8	91.3	16.0	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	3060.0	79.9	16.0	9.1	4.6	2.3	0.0	0.0	0.0	0.0	0.0
71°	2494.1	70.7	16.0	9.1	4.6	2.3	2.3	0.0	0.0	0.0	0.0
72.5°	1604.2	54.8	13.7	9.1	4.6	4.6	2.3	0.0	0.0	0.0	0.0
75°	677.7	45.6	13.7	9.1	6.8	4.6	4.6	2.3	0.0	0.0	0.0
77.5°	289.8	34.2	13.7	11.4	9.1	6.8	6.8	4.6	2.3	0.0	0.0
80°	109.5	27.4	16.0	13.7	11.4	11.4	9.1	4.6	2.3	0.0	0.0
82.5°	50.2	22.8	16.0	13.7	13.7	11.4	9.1	6.8	4.6	0.0	0.0
85°	31.9	20.5	16.0	13.7	13.7	11.4	11.4	6.8	4.6	0.0	0.0
87.5°	25.1	20.5	16.0	16.0	13.7	13.7	9.1	6.8	2.3	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 [^] /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	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

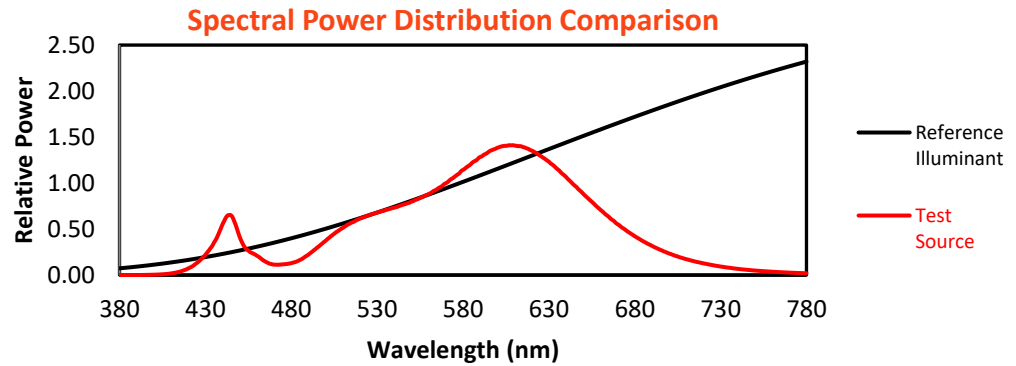
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	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			

REPORT NUMBER: SP1-2407-184-8

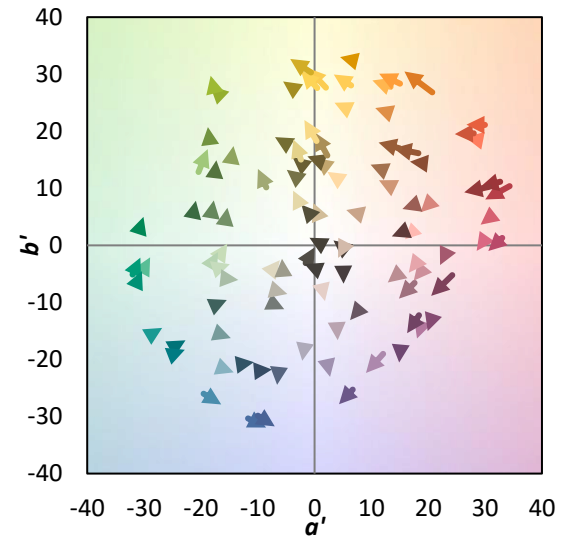
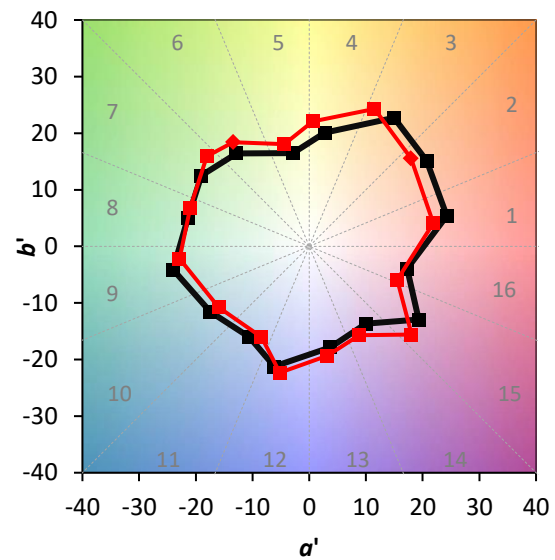
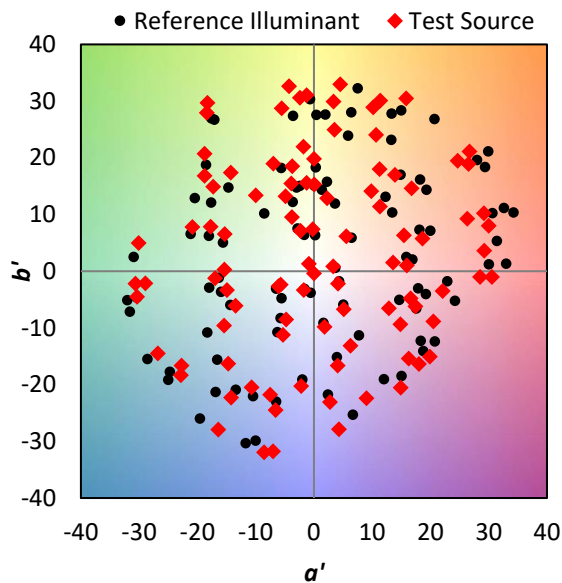
TM-30-18

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)