

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: P1047890

Luminaire Tested: **GALN-SA4B-827-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047890
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-827-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15462.9 lumens
Efficiency: N/A
Efficacy: 107.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 144.1
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



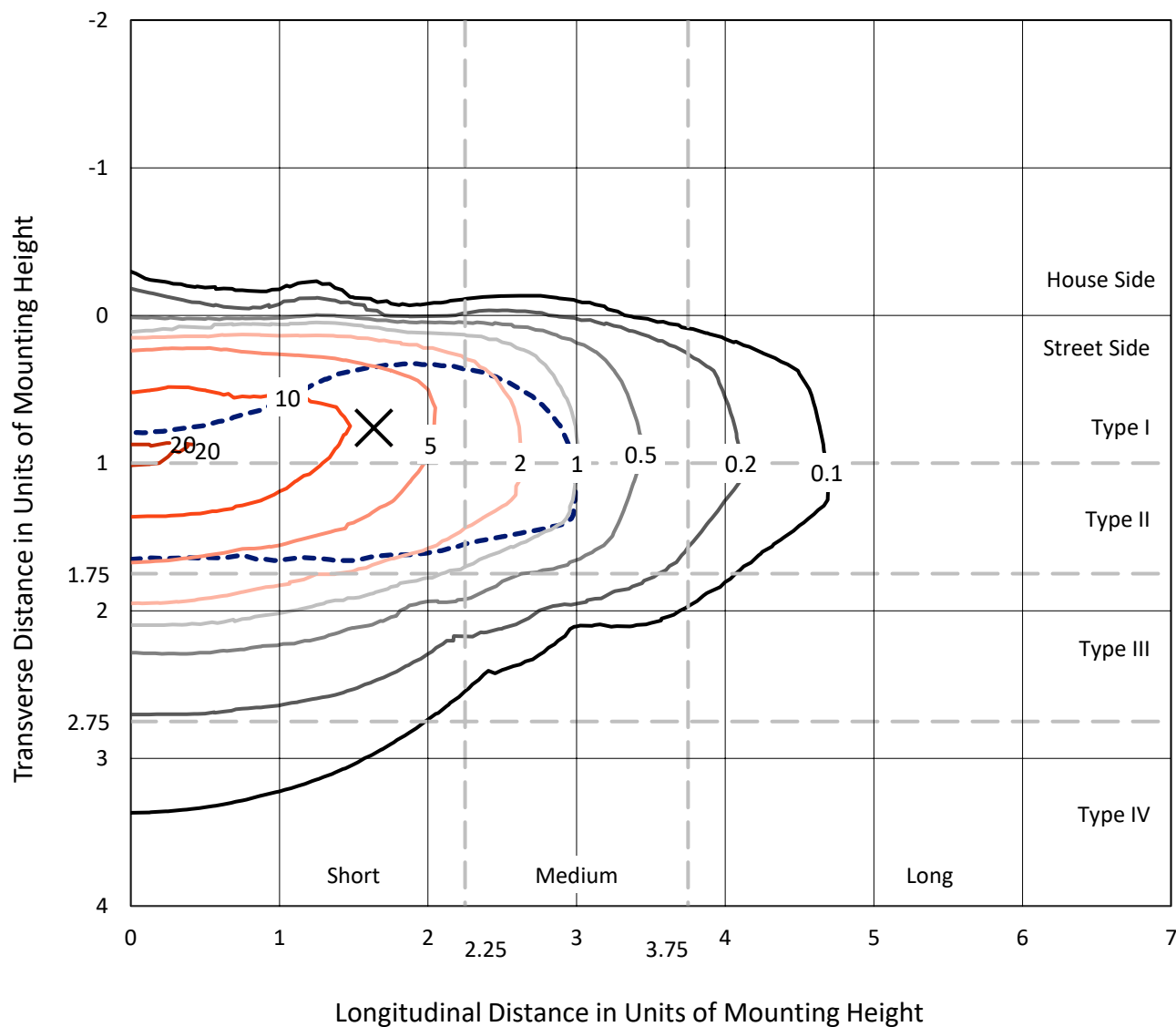
REPORT NUMBER: P1047890

CATALOG NUMBER: GALN-SA4B-827-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

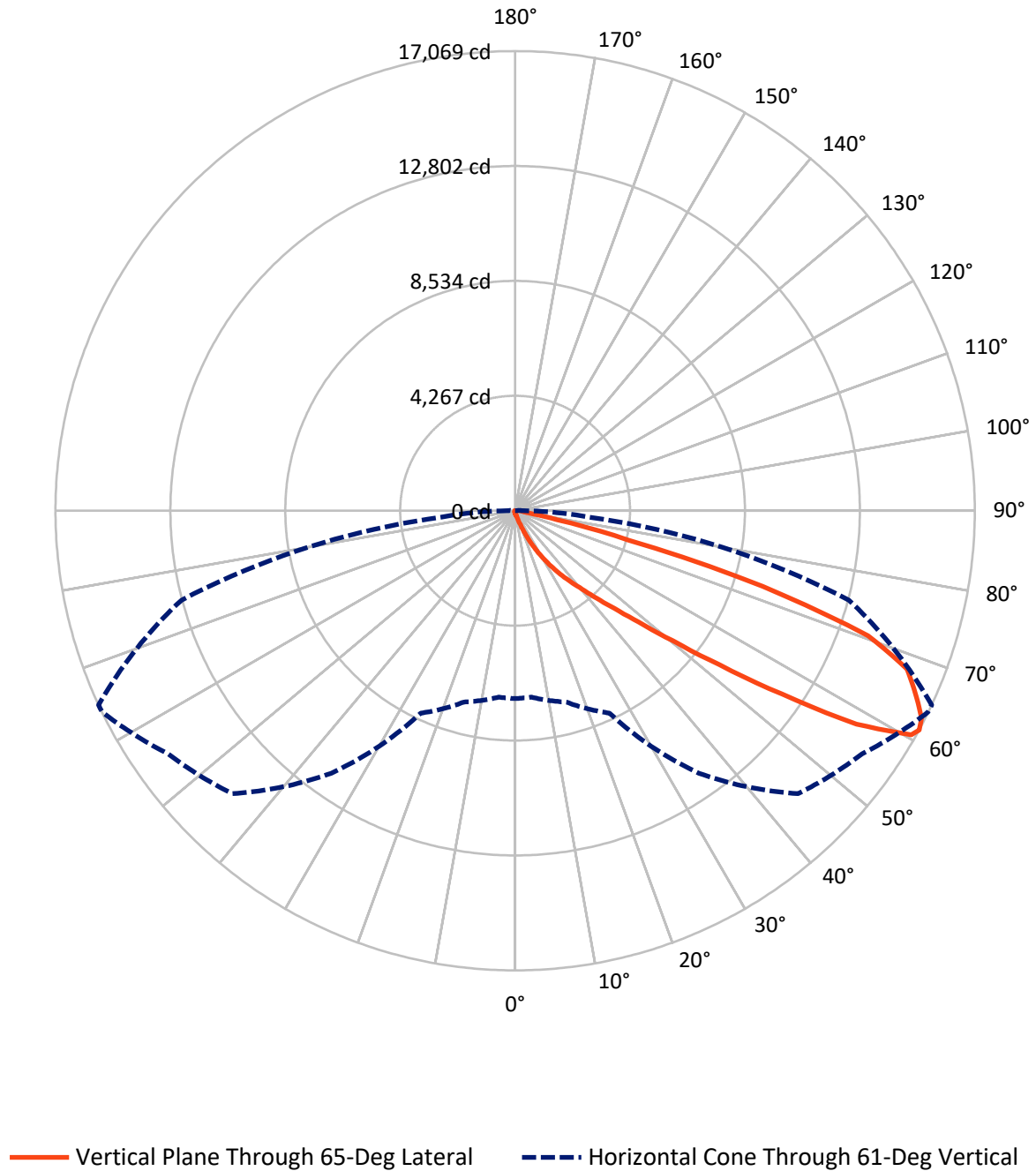


Based on 15 foot mounting height. Maximum calculated value = 20.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1047890

CATALOG NUMBER: GALN-SA4B-827-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047890

CATALOG NUMBER: GALN-SA4B-827-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	66.0	0.0	66.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15396.9	0.0	15396.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	15462.9	0.0	15462.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.0	0.1
10°-20°	127.2	0.8
20°-30°	456.3	3.0
30°-40°	1214.9	7.9
40°-50°	3191.6	20.6
50°-60°	4944.4	32.0
60°-70°	4145.8	26.8
70°-80°	1220.0	7.9
80°-90°	150.5	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°	15462.9	100.0
0°-180°	15462.9	100.0



REPORT NUMBER: P1047890

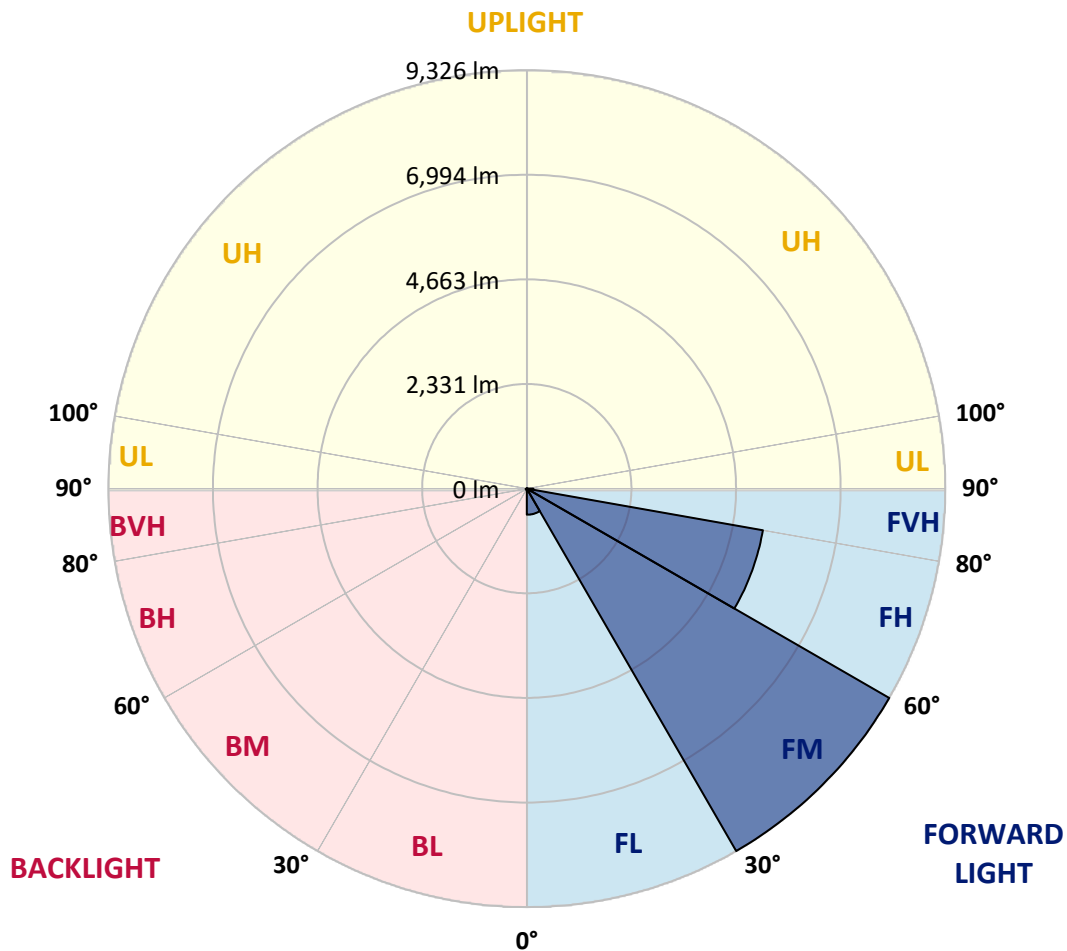
CATALOG NUMBER: GALN-SA4B-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	580.7	3.8			
FM	(30°-60°)	9325.9	60.3			
FH	(60°-80°)	5342.6	34.6			G3/7500
FVH	(80°-90°)	147.7	1.0			G2/225
BL	(0°-30°)	14.8	0.1	B0/110		
BM	(30°-60°)	25.1	0.2	B0/220		
BH	(60°-80°)	23.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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-G3

Type II Short



REPORT NUMBER: P1047890

CATALOG NUMBER: GALN-SA4B-827-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2.5°	114.9	115.9	113.8	109.6	106.4	106.4	105.3	102.1	102.1	98.9	96.8
5°	160.6	158.5	154.2	145.7	138.3	130.8	123.4	115.9	114.9	105.3	98.9
7.5°	262.7	264.9	251.0	224.4	202.1	173.4	146.8	130.8	128.7	112.8	100.0
10°	576.5	560.6	528.6	425.5	350.0	263.8	195.7	152.1	150.0	121.3	102.1
12.5°	1050.9	1038.2	979.6	873.3	678.6	472.3	286.1	188.3	181.9	128.7	103.2
15°	1514.7	1494.5	1462.6	1355.1	1127.5	846.7	468.0	257.4	240.4	139.3	102.1
17.5°	1810.4	1813.6	1784.9	1739.1	1592.3	1253.0	808.4	384.0	351.0	158.5	100.0
20°	2068.9	2061.4	2077.4	2052.9	1949.7	1703.0	1176.4	608.4	552.0	189.3	101.0
22.5°	2366.7	2384.8	2396.5	2391.2	2277.3	2066.7	1594.5	910.5	839.2	245.7	104.2
25°	2765.6	2763.4	2764.5	2750.7	2640.1	2406.0	2013.5	1286.0	1213.7	337.2	111.7
27.5°	3183.6	3196.4	3201.7	3151.7	3007.0	2777.3	2401.8	1696.6	1611.5	484.0	121.3
30°	3754.8	3744.2	3719.7	3617.6	3442.1	3157.0	2784.7	2127.4	2038.0	689.3	136.2
32.5°	4524.9	4513.2	4389.8	4164.3	3901.6	3552.7	3169.8	2559.2	2450.7	945.6	156.4
35°	5793.9	5811.9	5508.8	4924.8	4453.6	4028.2	3596.3	2988.9	2893.2	1261.5	184.0
37.5°	7737.2	7638.3	7226.6	6194.9	5180.1	4621.7	4003.7	3422.9	3340.0	1650.8	220.2
40°	9625.2	9527.4	9408.3	8430.7	6442.7	5275.9	4573.8	3932.4	3825.0	2090.1	273.4
42.5°	11610.1	11555.8	11550.5	10813.4	8746.6	6304.4	5259.9	4529.1	4437.7	2572.0	360.6
45°	13016.3	12962.0	13075.8	13204.5	11884.5	8508.4	6454.4	5304.6	5171.6	3157.0	499.9
47.5°	13205.6	13207.7	13511.9	13915.1	14216.1	11917.5	8045.7	6332.1	6170.4	3994.1	733.9
50°	12575.9	12600.4	13084.3	13805.5	14616.0	14777.7	10851.7	7823.4	7584.0	4986.5	1065.8
52.5°	11377.1	11404.8	12079.2	13265.2	14248.0	15464.8	14155.5	9774.2	9498.7	6224.7	1533.8
55°	10297.5	10314.5	11087.8	12586.5	13804.4	15091.5	16116.9	12379.1	12017.5	7747.8	1995.5
57.5°	9228.5	9189.1	9692.3	11408.0	13728.9	14633.0	16406.2	15347.8	14949.0	9412.5	2355.0
60°	7798.9	7733.0	8137.2	9228.5	12735.4	14934.1	15864.8	16990.2	16899.7	11730.3	2632.6
61°	6976.7	6949.0	7355.3	8291.4	11899.4	14857.5	15735.0	17059.3	17068.9	12826.9	2757.1
62.5°	4982.3	5061.0	5682.2	6899.0	9966.7	14360.7	15752.0	16845.5	16940.2	14284.2	3079.4
65°	2214.6	2341.2	2824.1	3814.4	5796.0	11946.2	15601.0	16376.4	16329.6	14684.1	4189.8
67.5°	1313.6	1332.8	1573.2	2161.4	3069.8	6425.7	13767.2	15756.3	15693.5	12783.3	5213.1
70°	1035.0	1044.5	1121.1	1356.2	1781.7	2461.4	7857.4	13632.1	13905.5	10365.6	5103.5
72.5°	981.8	979.6	990.3	1031.8	1122.2	1221.1	3042.1	9061.5	9617.8	7464.9	4279.2
75°	969.0	964.8	954.1	938.2	812.7	719.0	942.4	4007.9	4330.2	5100.3	3221.9
77.5°	940.3	941.4	943.5	899.9	696.7	508.4	456.3	1286.0	1581.7	3236.8	2290.1
80°	636.1	645.7	661.6	644.6	626.5	368.0	322.3	457.4	463.8	1816.8	1512.6
82.5°	322.3	322.3	314.8	280.8	242.5	239.3	256.3	331.9	336.1	919.0	711.6
85°	194.7	205.3	209.5	190.4	174.4	160.6	195.7	263.8	273.4	356.3	165.9
87.5°	43.6	44.7	48.9	64.9	94.7	128.7	181.9	241.5	245.7	228.7	20.2
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: P1047890

CATALOG NUMBER: GALN-SA4B-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2.5°	95.7	93.6	92.5	89.3	86.2	83.0	80.8	79.8	80.8	81.9	81.9
5°	94.7	91.5	86.2	80.8	76.6	72.3	68.1	67.0	67.0	68.1	68.1
7.5°	94.7	89.3	81.9	75.5	69.1	62.8	59.6	57.4	58.5	58.5	58.5
10°	94.7	88.3	78.7	69.1	61.7	54.2	48.9	46.8	46.8	46.8	46.8
12.5°	93.6	87.2	75.5	63.8	53.2	44.7	38.3	35.1	36.2	36.2	36.2
15°	91.5	84.0	71.3	54.2	42.5	34.0	27.7	24.5	25.5	27.7	28.7
17.5°	88.3	80.8	63.8	45.7	34.0	25.5	19.1	17.0	18.1	21.3	21.3
20°	87.2	77.6	56.4	37.2	25.5	18.1	12.8	10.6	11.7	16.0	17.0
22.5°	87.2	75.5	51.1	30.8	19.1	11.7	7.4	4.3	4.3	7.4	7.4
25°	88.3	74.5	46.8	25.5	13.8	8.5	4.3	2.1	4.3	11.7	13.8
27.5°	90.4	73.4	44.7	21.3	10.6	7.4	3.2	7.4	12.8	12.8	12.8
30°	92.5	71.3	41.5	18.1	9.6	5.3	5.3	10.6	10.6	12.8	13.8
32.5°	95.7	70.2	39.4	16.0	7.4	4.3	7.4	6.4	6.4	7.4	8.5
35°	102.1	71.3	37.2	16.0	7.4	5.3	6.4	3.2	2.1	2.1	2.1
37.5°	110.6	72.3	34.0	13.8	6.4	6.4	3.2	0.0	0.0	0.0	0.0
40°	124.5	75.5	31.9	12.8	5.3	5.3	1.1	0.0	0.0	0.0	0.0
42.5°	147.9	81.9	30.8	11.7	5.3	4.3	0.0	0.0	0.0	0.0	0.0
45°	194.7	96.8	28.7	10.6	5.3	2.1	0.0	0.0	0.0	0.0	0.0
47.5°	279.7	131.9	27.7	8.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	408.5	178.7	26.6	7.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	521.2	188.3	18.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	534.0	129.8	13.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	425.5	84.0	11.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	322.3	63.8	10.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	309.5	57.4	10.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	341.4	50.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	555.2	41.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	964.8	36.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1219.0	34.0	6.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1062.6	30.8	6.4	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	639.3	26.6	6.4	4.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	335.1	20.2	6.4	5.3	3.2	1.1	0.0	0.0	0.0	0.0	0.0
80°	162.7	18.1	7.4	5.3	4.3	2.1	0.0	0.0	0.0	0.0	0.0
82.5°	63.8	14.9	8.5	7.4	5.3	3.2	1.1	0.0	0.0	0.0	0.0
85°	28.7	12.8	9.6	8.5	7.4	4.3	1.1	0.0	0.0	0.0	0.0
87.5°	14.9	11.7	10.6	9.6	7.4	5.3	2.1	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

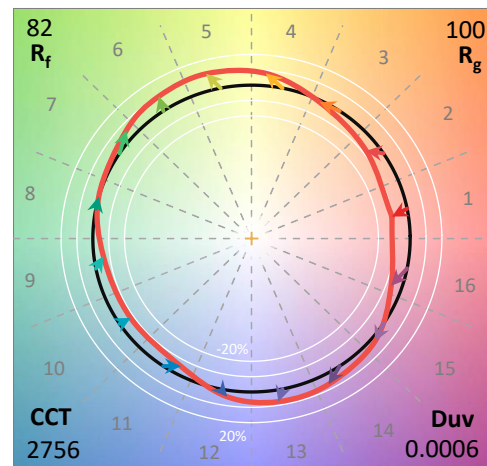
Test Information

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

REPORT NUMBER: SP1-2407-184-8

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

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

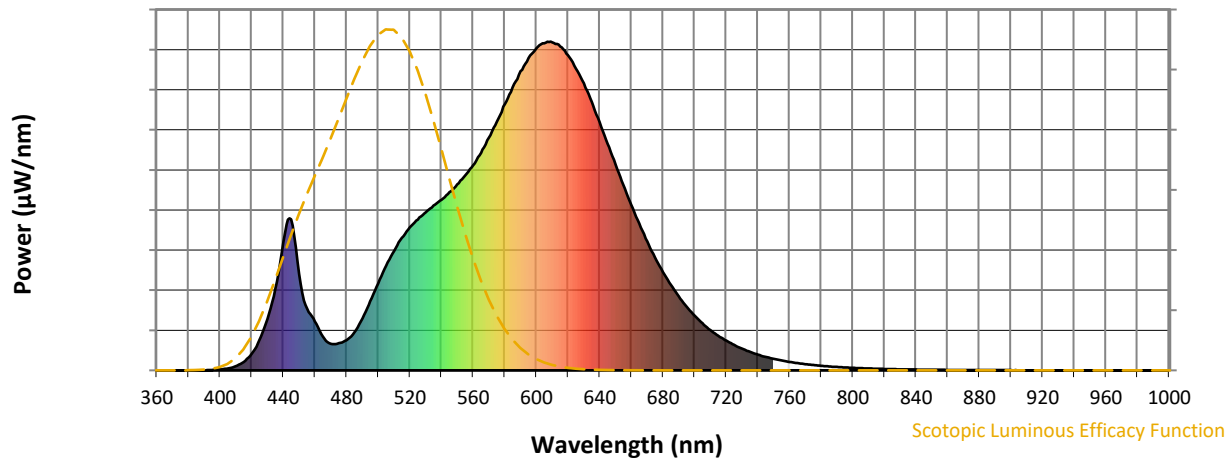


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



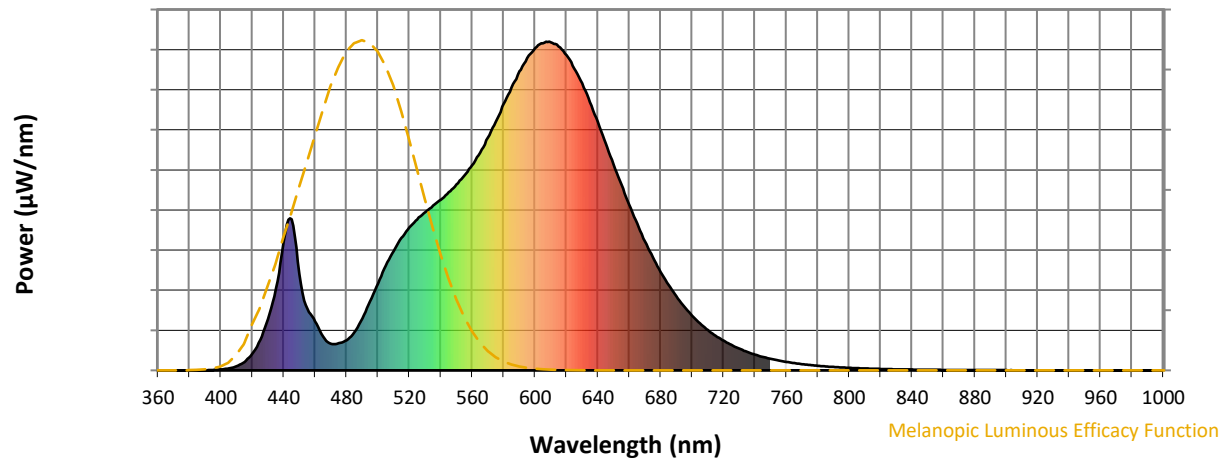
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-8

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

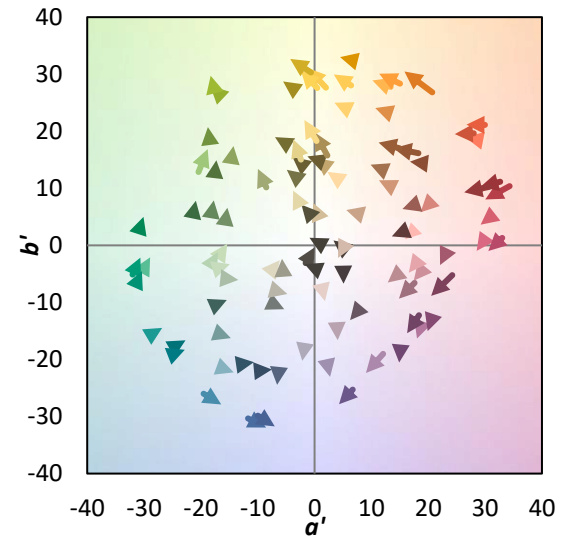
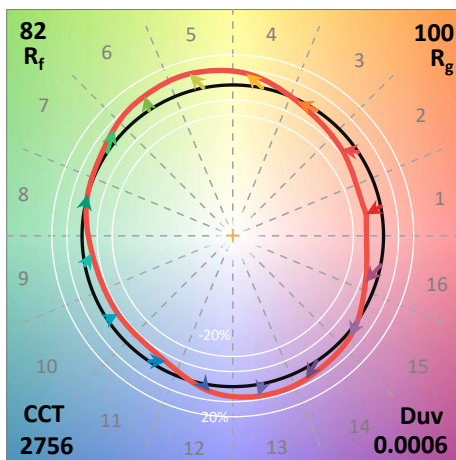
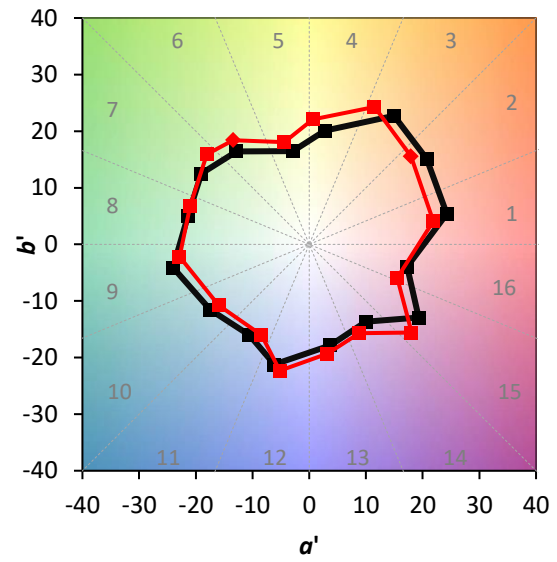
TM-30-18

Summary

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



Color Vector Graphics

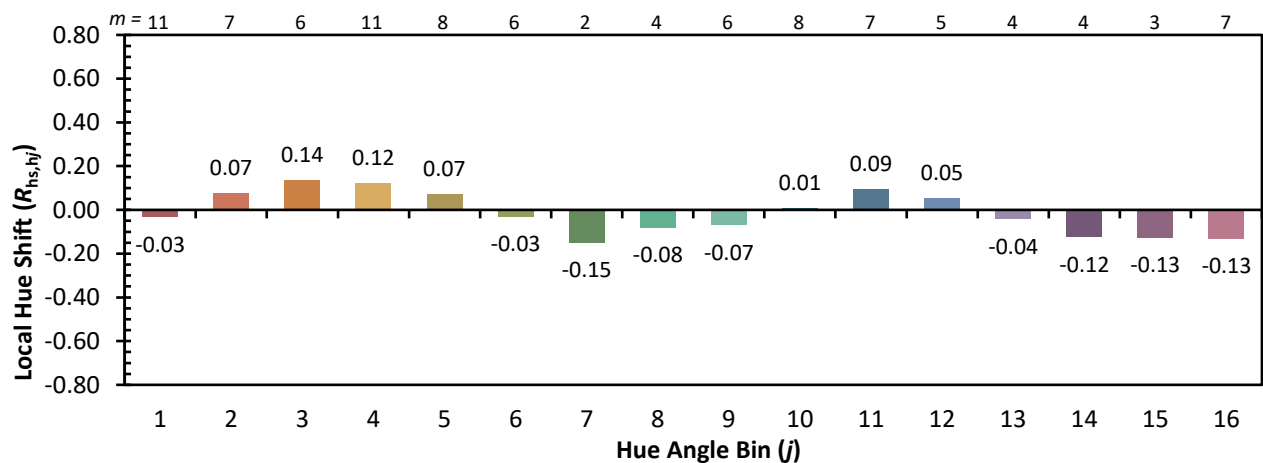


Individual Sample Fidelity Index ($R_{f,i}$)

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)