

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: STREETWORKS

Report Number: P1064127

Luminaire Tested: **GLAN-SA1C-827-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064127
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1C-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4961.8 lumens
Efficiency: N/A
Efficacy: 98.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

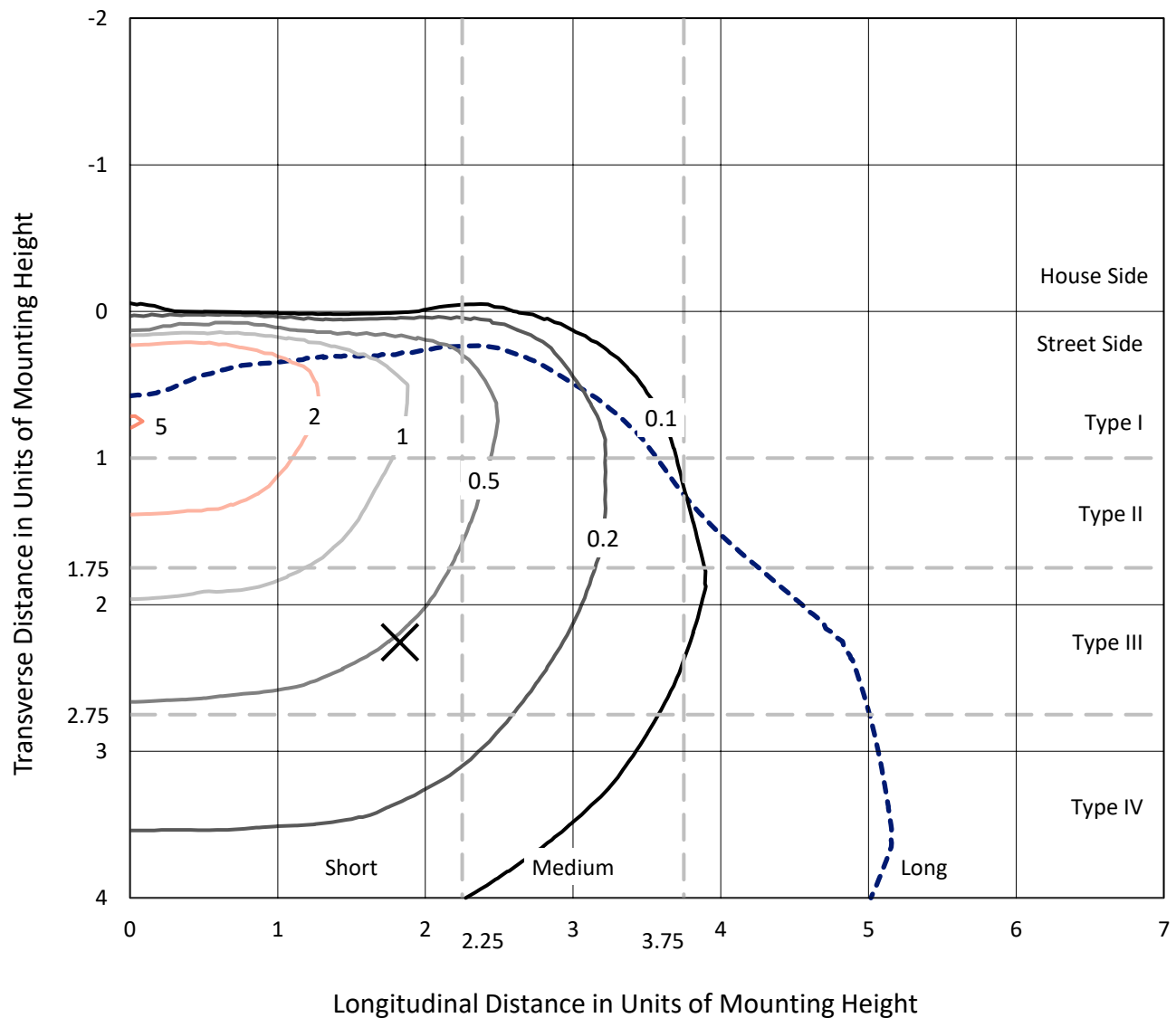


REPORT NUMBER: P1064127

CATALOG NUMBER: GLAN-SA1C-827-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

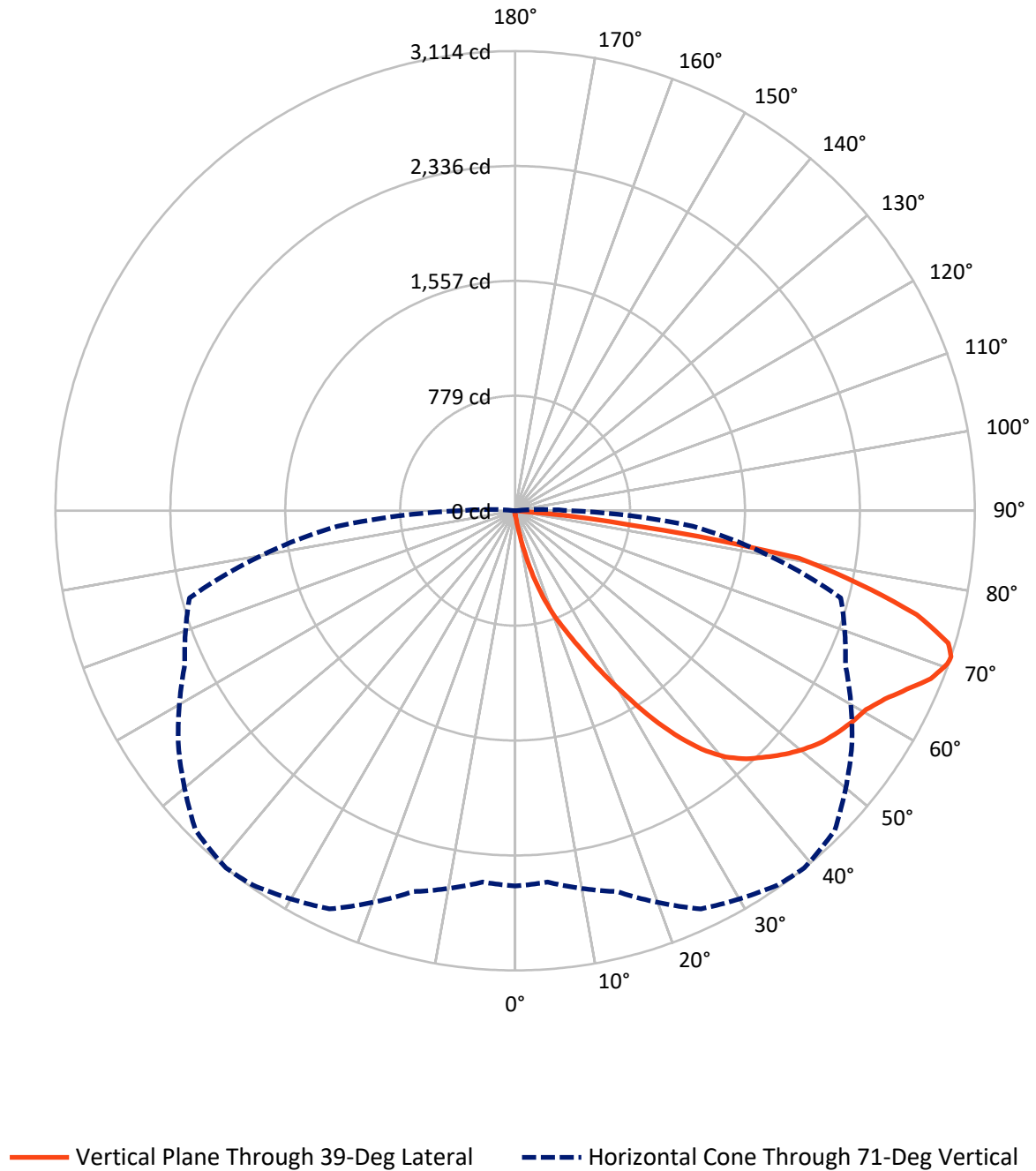


Based on 15 foot mounting height. Maximum calculated value = 5.1 fc
 Type IV - Short - N/A

REPORT NUMBER: P1064127

CATALOG NUMBER: GLAN-SA1C-827-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1064127

CATALOG NUMBER: GLAN-SA1C-827-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.6	0.0	17.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4944.2	0.0	4944.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	4961.8	0.0	4961.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.1
10°-20°	53.0	1.1
20°-30°	188.9	3.8
30°-40°	455.2	9.2
40°-50°	761.8	15.4
50°-60°	978.4	19.7
60°-70°	1238.2	25.0
70°-80°	1103.9	22.2
80°-90°	178.4	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°	4961.8	100.0
0°-180°	4961.8	100.0



REPORT NUMBER: P1064127

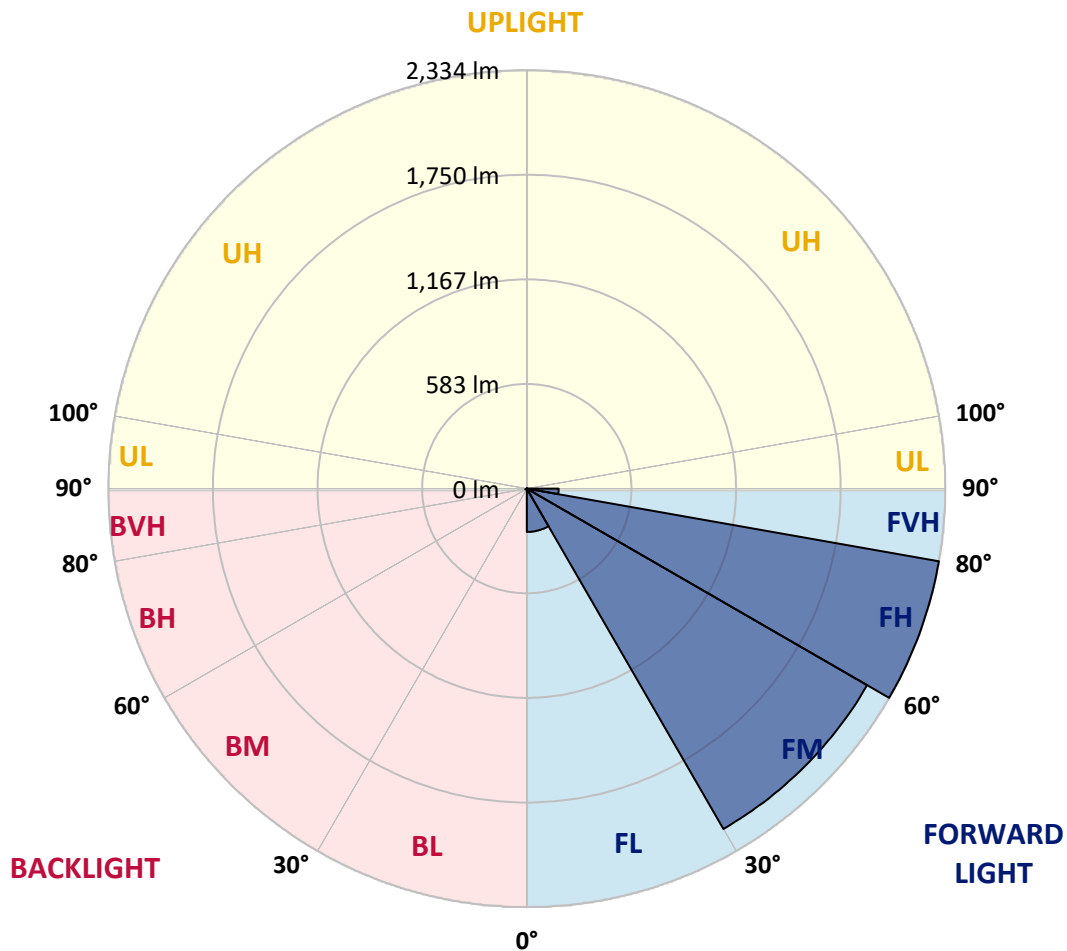
CATALOG NUMBER: GLAN-SA1C-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	241.8	4.9			
FM	(30°-60°)	2191.2	44.2			
FH	(60°-80°)	2333.6	47.0			G2/5000
FVH	(80°-90°)	177.6	3.6			G2/225
BL	(0°-30°)	4.3	0.1	B0/110		
BM	(30°-60°)	4.1	0.1	B0/220		
BH	(60°-80°)	8.5	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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-G2

Type IV Short



REPORT NUMBER: P1064127

CATALOG NUMBER: GLAN-SA1C-827-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
2.5°	31.2	31.2	31.2	30.2	30.2	29.9	29.6	29.6	28.9	28.6	27.9
5°	47.4	46.4	44.0	42.7	40.0	38.3	36.6	34.3	31.9	30.2	28.2
7.5°	107.1	109.5	101.8	87.3	72.6	66.2	55.4	44.7	36.9	31.9	28.6
10°	273.1	271.7	245.5	216.6	167.3	147.5	115.5	72.9	47.7	34.9	28.9
12.5°	464.5	463.2	432.3	393.0	327.8	286.5	226.1	136.0	68.5	39.6	28.9
15°	625.4	620.1	610.3	571.3	495.1	460.5	380.6	240.5	110.8	47.7	29.6
17.5°	731.9	727.2	718.1	704.0	655.7	614.7	550.5	377.9	179.4	61.8	30.9
20°	829.6	826.3	818.9	816.2	785.0	763.1	710.1	535.7	279.5	84.0	32.9
22.5°	964.0	957.0	960.0	943.9	913.3	887.1	854.5	701.0	401.7	120.9	36.6
25°	1128.6	1125.2	1116.8	1105.4	1063.1	1040.3	990.2	856.9	538.4	169.3	40.6
27.5°	1327.4	1323.7	1321.7	1295.5	1246.8	1222.0	1152.1	1004.0	692.3	237.1	46.0
30°	1556.5	1558.2	1545.1	1511.5	1454.7	1419.8	1347.9	1158.1	849.8	316.7	51.7
32.5°	1793.7	1790.3	1770.1	1730.5	1679.8	1647.2	1555.8	1327.1	1015.1	421.9	58.4
35°	2049.3	2042.9	1989.8	1944.5	1901.1	1860.2	1776.9	1523.3	1180.3	539.8	67.5
37.5°	2307.2	2277.3	2170.9	2113.4	2083.5	2049.9	1972.3	1732.5	1344.6	671.4	78.6
40°	2502.0	2478.9	2352.6	2246.8	2222.9	2194.4	2136.6	1913.2	1519.2	812.9	92.0
42.5°	2609.9	2597.1	2483.6	2379.1	2323.0	2297.8	2248.4	2071.1	1691.9	969.0	111.5
45°	2655.9	2636.1	2560.2	2511.4	2422.1	2380.5	2321.7	2190.3	1872.3	1146.4	138.7
47.5°	2641.8	2630.4	2575.9	2593.7	2528.9	2464.1	2377.8	2281.7	2026.4	1349.9	176.0
50°	2553.1	2543.4	2526.6	2623.0	2614.9	2538.3	2450.3	2353.9	2152.4	1559.9	233.8
52.5°	2384.5	2380.5	2423.4	2600.1	2663.6	2603.8	2520.2	2417.7	2269.9	1779.2	316.4
55°	2167.2	2183.6	2306.6	2564.5	2688.5	2652.2	2582.0	2477.5	2364.3	1975.4	438.3
57.5°	2077.8	2082.2	2235.7	2539.3	2699.5	2694.8	2642.1	2534.6	2451.0	2132.2	624.4
60°	2182.3	2175.6	2256.5	2558.5	2721.7	2733.1	2695.5	2587.7	2526.2	2266.9	872.3
62.5°	2371.0	2367.4	2393.2	2640.1	2786.5	2809.7	2769.7	2626.0	2592.7	2355.6	1155.1
65°	2539.7	2531.9	2580.0	2784.9	2900.4	2916.9	2881.9	2691.5	2622.0	2420.1	1420.8
67.5°	2612.6	2610.9	2688.1	2922.6	3020.0	3037.8	3007.2	2781.8	2615.2	2440.6	1538.0
70°	2579.3	2572.9	2696.5	2981.0	3087.5	3107.7	3078.1	2815.4	2542.4	2375.7	1364.4
71°	2542.7	2525.6	2671.3	2977.0	3096.9	3114.0	3062.3	2784.9	2469.1	2283.7	1206.9
72.5°	2429.2	2432.2	2602.1	2935.0	3074.4	3069.4	2973.0	2675.4	2380.8	2074.8	969.4
75°	2149.7	2167.5	2378.1	2758.7	2873.5	2809.4	2661.9	2466.1	2203.4	1487.7	673.1
77.5°	1756.7	1783.2	2014.7	2419.4	2386.8	2380.5	2374.4	2172.9	1881.7	799.1	468.2
80°	838.7	896.2	1215.2	1727.1	1876.3	1948.5	1903.2	1751.0	1455.1	380.6	279.8
82.5°	54.8	54.1	76.6	145.1	611.7	790.7	1256.2	1251.5	1014.4	185.4	114.2
85°	25.9	26.5	29.2	33.3	38.6	42.3	58.4	342.6	485.4	88.3	24.9
87.5°	15.1	15.5	18.1	23.2	30.2	33.6	40.0	51.4	63.1	48.7	5.4
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: P1064127

CATALOG NUMBER: GLAN-SA1C-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
2.5°	27.5	27.2	26.2	25.2	24.2	23.5	23.2	23.5	23.5	23.8	23.8
5°	27.5	26.5	24.9	22.8	21.5	20.2	19.5	19.1	19.5	19.5	19.5
7.5°	27.2	25.5	23.2	20.8	19.1	17.5	16.8	16.5	16.5	16.8	16.8
10°	26.5	24.9	21.8	19.1	17.1	15.1	14.1	13.1	13.1	13.1	13.4
12.5°	26.2	23.8	20.2	17.5	14.8	12.4	10.4	9.4	9.7	9.7	9.7
15°	25.5	22.8	19.1	15.8	12.4	9.4	7.7	6.7	7.1	7.4	7.1
17.5°	25.5	22.5	17.8	13.8	9.7	7.1	5.7	5.0	5.0	5.4	5.4
20°	25.5	21.8	16.8	11.8	7.4	5.4	4.0	3.7	3.7	4.4	4.7
22.5°	26.2	21.8	15.5	9.7	6.0	4.0	3.0	2.7	3.0	3.7	4.0
25°	27.2	21.5	14.1	8.7	5.0	3.0	2.4	1.7	2.0	2.7	3.0
27.5°	28.2	21.2	12.8	7.7	4.0	2.4	1.7	1.3	1.0	1.3	1.3
30°	29.2	21.2	11.4	6.4	3.4	1.7	1.0	0.7	0.3	0.0	0.0
32.5°	29.9	20.5	10.4	5.0	2.7	1.3	0.7	0.3	0.0	0.0	0.0
35°	30.6	19.8	9.1	4.0	2.0	1.0	0.3	0.0	0.0	0.0	0.0
37.5°	31.2	18.8	7.7	3.4	1.7	0.7	0.0	0.0	0.0	0.0	0.0
40°	31.9	17.5	6.4	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	32.6	16.5	5.4	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	34.3	15.8	4.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	37.3	15.1	4.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	41.7	14.4	3.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	47.7	14.1	3.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	58.4	13.8	3.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	76.9	13.4	3.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	117.9	12.8	3.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	210.6	12.4	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	367.1	12.8	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	526.3	13.4	2.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	450.4	11.8	2.4	1.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0
71°	367.1	10.4	2.4	1.3	0.7	0.3	0.3	0.0	0.0	0.0	0.0
72.5°	236.1	8.1	2.0	1.3	0.7	0.7	0.3	0.0	0.0	0.0	0.0
75°	99.8	6.7	2.0	1.3	1.0	0.7	0.7	0.3	0.0	0.0	0.0
77.5°	42.7	5.0	2.0	1.7	1.3	1.0	1.0	0.7	0.3	0.0	0.0
80°	16.1	4.0	2.4	2.0	1.7	1.7	1.3	0.7	0.3	0.0	0.0
82.5°	7.4	3.4	2.4	2.0	2.0	1.7	1.3	1.0	0.7	0.0	0.0
85°	4.7	3.0	2.4	2.0	2.0	1.7	1.7	1.0	0.7	0.0	0.0
87.5°	3.7	3.0	2.4	2.4	2.0	2.0	1.3	1.0	0.3	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

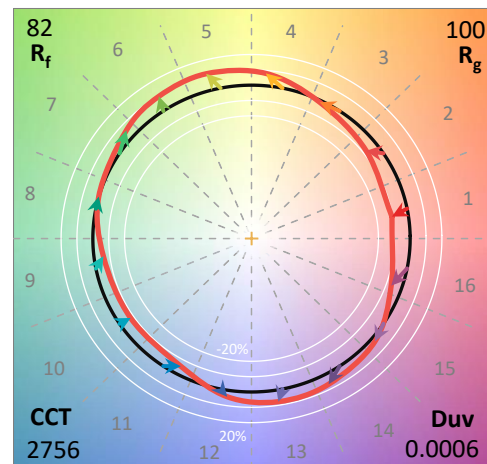
Test Information

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

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 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

Scotopic Flux vs. Wavelength



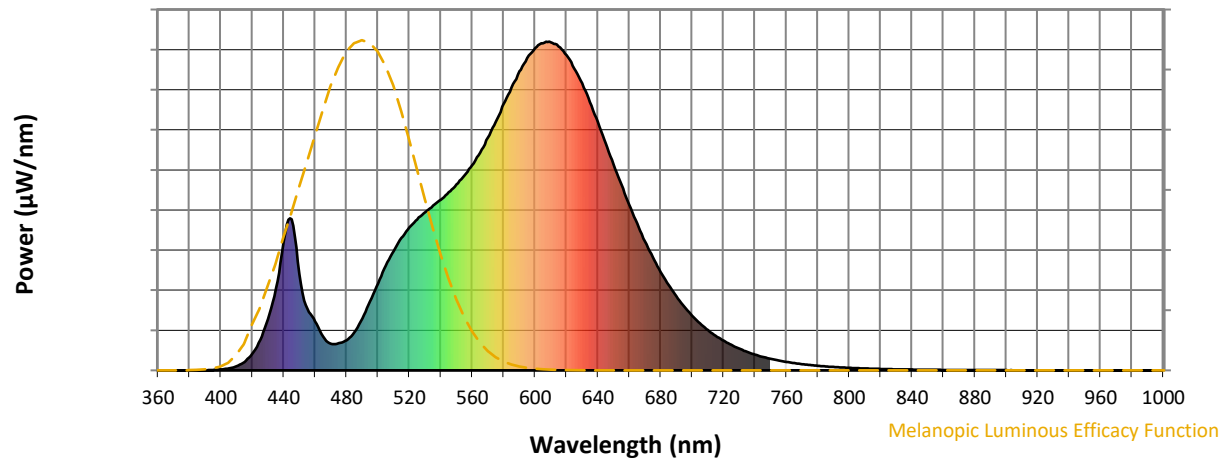
Scotopic Lumens: NR

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			

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

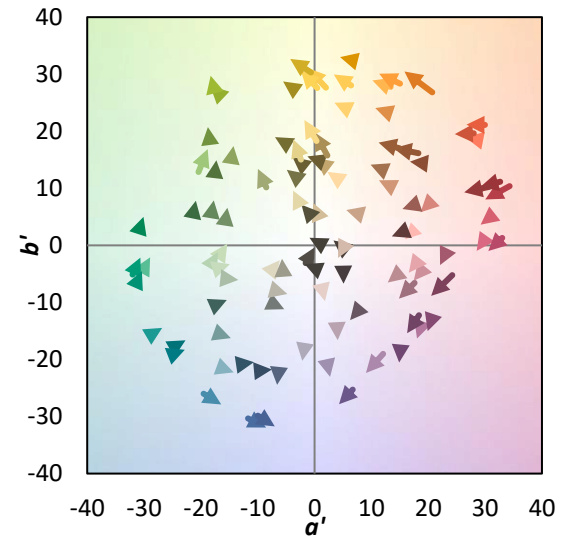
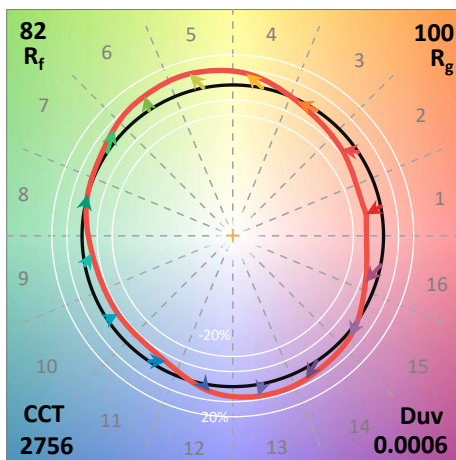
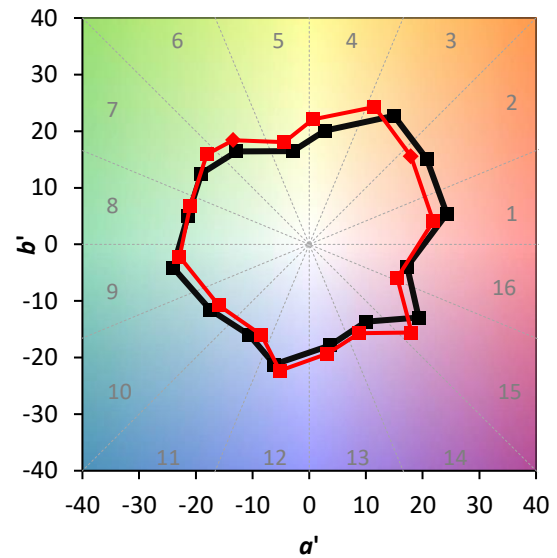
TM-30-18

Summary

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



Color Vector Graphics

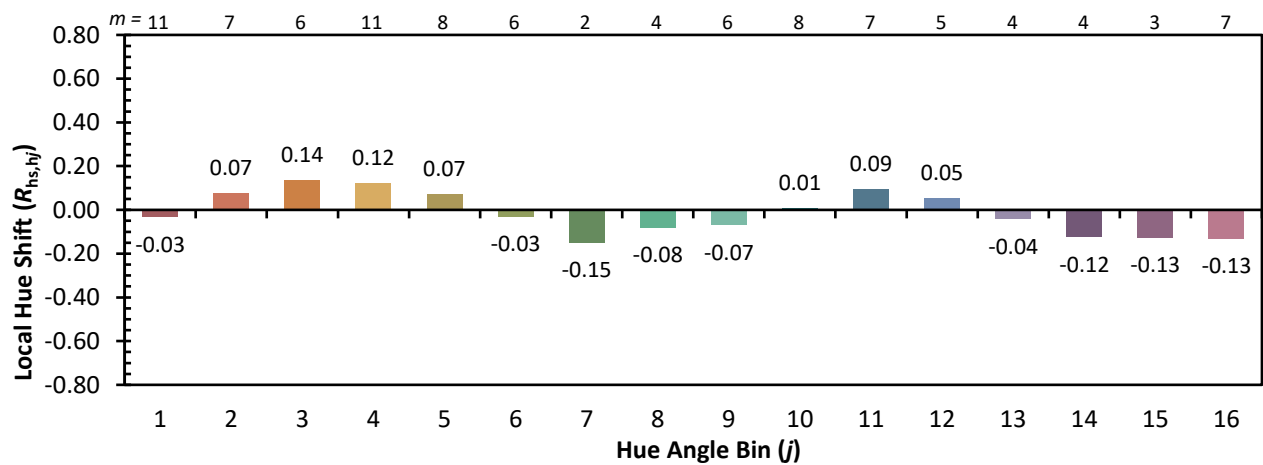


Individual Sample Fidelity Index ($R_{f,i}$)

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)