

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: P1064133

Luminaire Tested: **GLAN-SA3A-827-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064133
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3A-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9569.3 lumens
Efficiency: N/A
Efficacy: 117.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

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

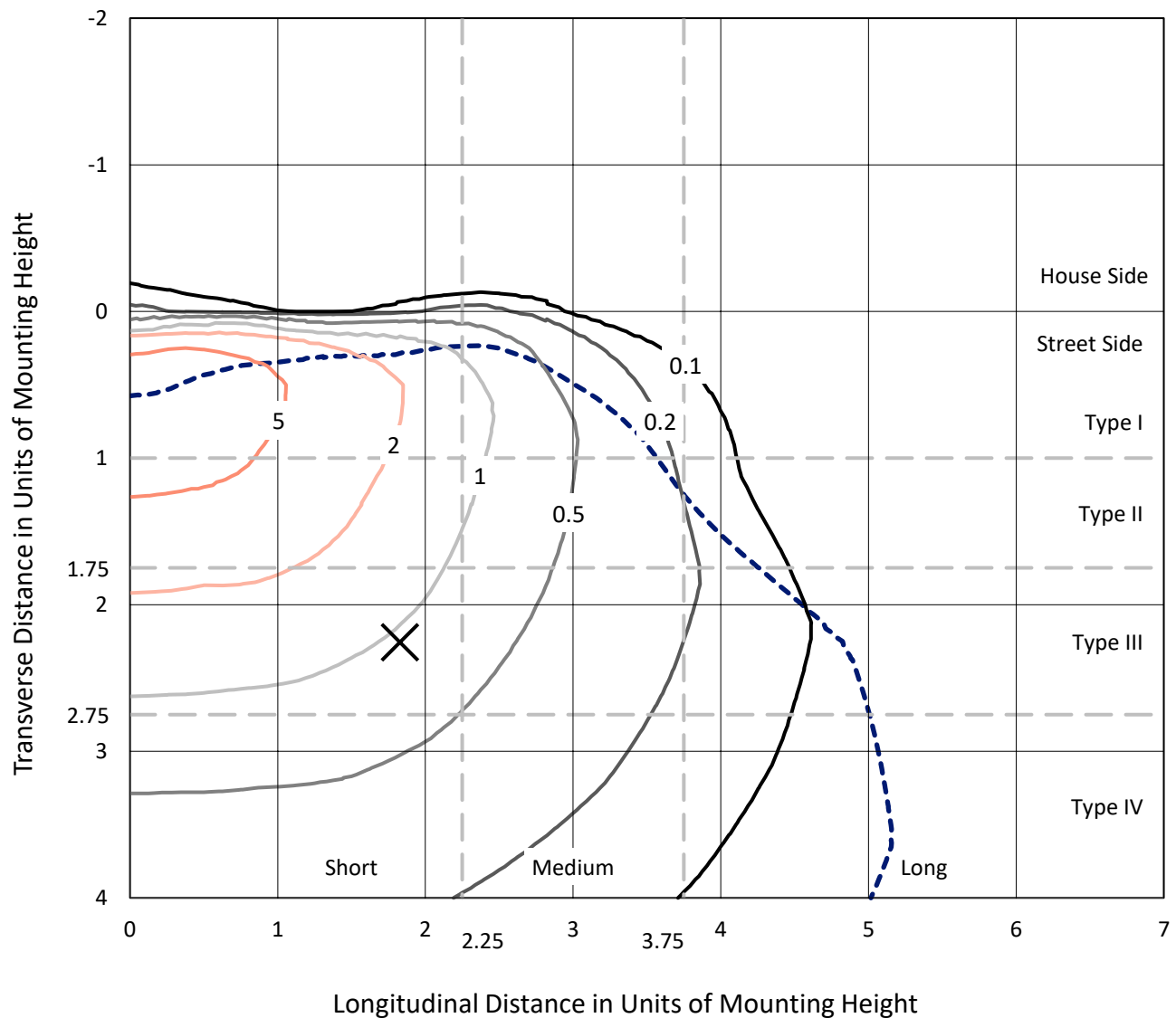


REPORT NUMBER: P1064133

CATALOG NUMBER: GLAN-SA3A-827-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

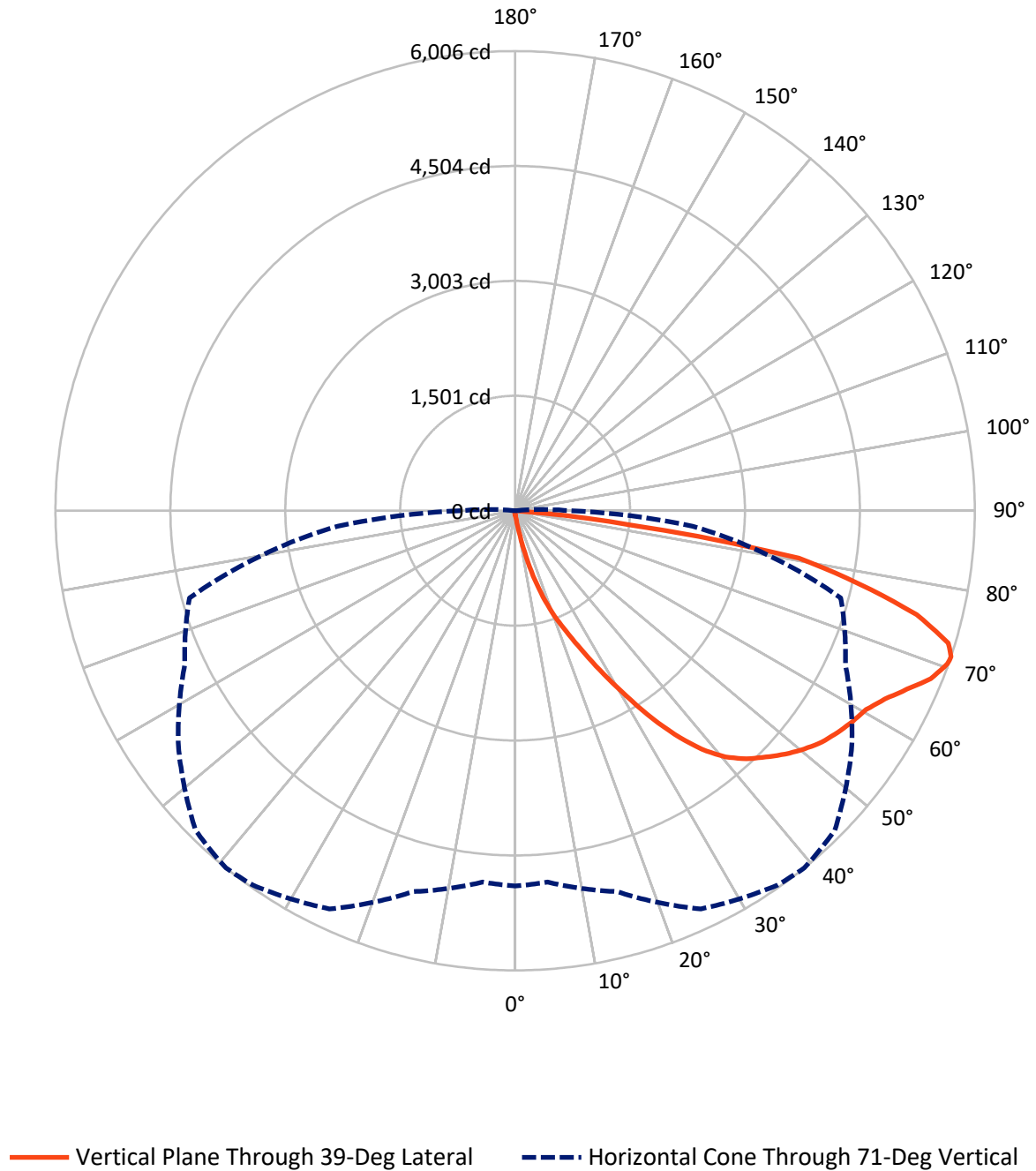


Based on 15 foot mounting height. Maximum calculated value = 9.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P1064133

CATALOG NUMBER: GLAN-SA3A-827-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1064133

CATALOG NUMBER: GLAN-SA3A-827-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	34.0	0.0	34.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9535.3	0.0	9535.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	9569.3	0.0	9569.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.1
10°-20°	102.3	1.1
20°-30°	364.2	3.8
30°-40°	877.8	9.2
40°-50°	1469.1	15.4
50°-60°	1886.9	19.7
60°-70°	2387.9	25.0
70°-80°	2128.9	22.2
80°-90°	344.1	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°	9569.3	100.0
0°-180°	9569.3	100.0



REPORT NUMBER: P1064133

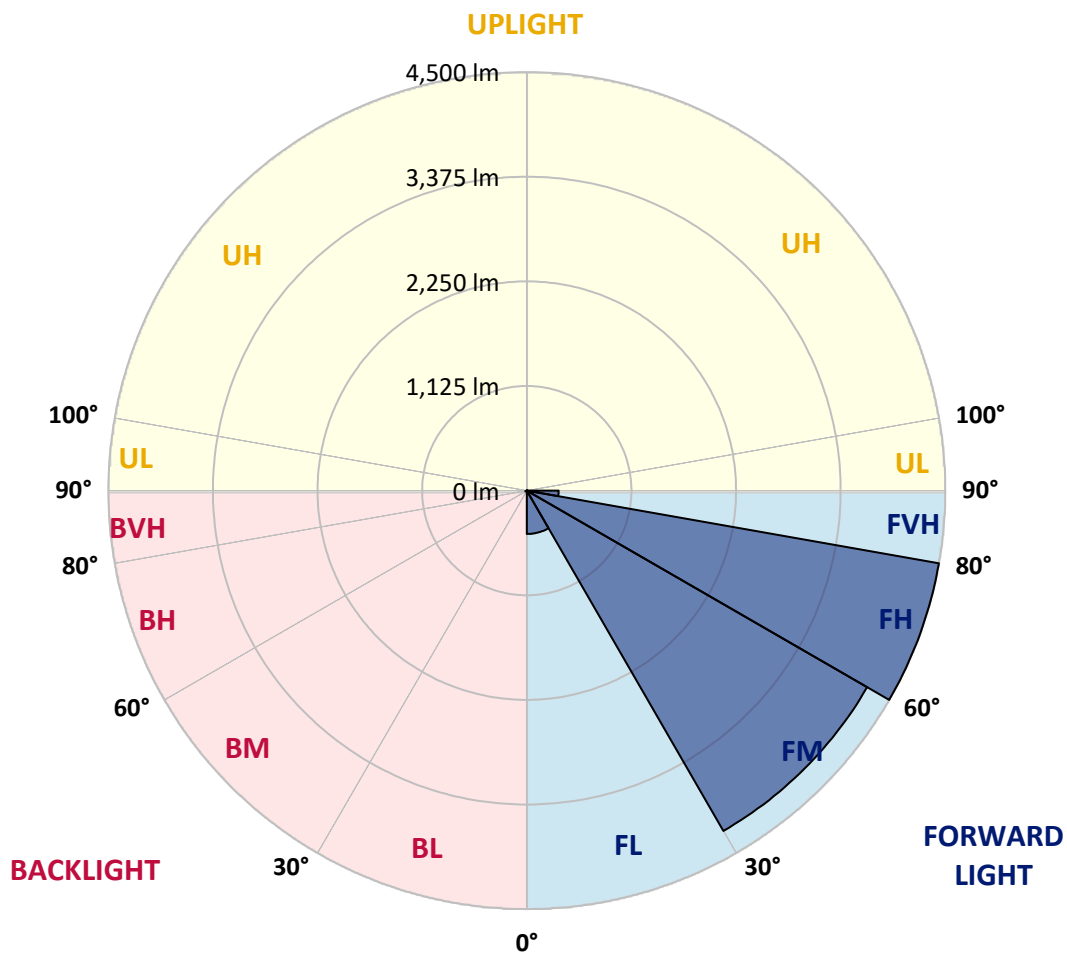
CATALOG NUMBER: GLAN-SA3A-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	466.3	4.9			
FM	(30°-60°)	4226.0	44.2			
FH	(60°-80°)	4500.5	47.0			G2/5000
FVH	(80°-90°)	342.6	3.6			G3/500
BL	(0°-30°)	8.2	0.1	B0/110		
BM	(30°-60°)	7.9	0.1	B0/220		
BH	(60°-80°)	16.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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 IV Short





REPORT NUMBER: P1064133

CATALOG NUMBER: GLAN-SA3A-827-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
2.5°	60.2	60.2	60.2	58.3	58.3	57.7	57.0	57.0	55.7	55.1	53.8
5°	91.3	89.4	84.9	82.3	77.1	73.8	70.6	66.1	61.5	58.3	54.4
7.5°	206.6	211.2	196.3	168.4	139.9	127.6	106.9	86.2	71.3	61.5	55.1
10°	526.7	524.1	473.5	417.8	322.6	284.4	222.8	140.6	92.0	67.4	55.7
12.5°	895.9	893.3	833.7	757.9	632.2	552.6	436.0	262.4	132.1	76.4	55.7
15°	1206.2	1195.8	1177.0	1101.9	954.8	888.1	733.9	463.8	213.8	92.0	57.0
17.5°	1411.5	1402.5	1385.0	1357.8	1264.5	1185.5	1061.7	728.8	345.9	119.2	59.6
20°	1600.0	1593.6	1579.3	1574.1	1513.9	1471.8	1369.4	1033.2	539.0	161.9	63.5
22.5°	1859.2	1845.6	1851.4	1820.3	1761.3	1710.8	1648.0	1351.9	774.8	233.2	70.6
25°	2176.6	2170.1	2153.9	2131.9	2050.3	2006.2	1909.7	1652.5	1038.4	326.5	78.4
27.5°	2560.1	2552.9	2549.1	2498.5	2404.6	2356.7	2221.9	1936.2	1335.1	457.3	88.7
30°	3001.9	3005.1	2979.8	2915.1	2805.6	2738.2	2599.6	2233.6	1638.9	610.9	99.8
32.5°	3459.2	3452.7	3413.9	3337.4	3239.6	3176.8	3000.6	2559.4	1957.6	813.6	112.7
35°	3952.2	3939.9	3837.5	3750.1	3666.5	3587.5	3426.8	2937.7	2276.3	1041.0	130.2
37.5°	4449.7	4392.0	4186.7	4075.9	4018.3	3953.5	3803.8	3341.3	2593.1	1294.9	151.6
40°	4825.4	4780.7	4537.1	4333.1	4287.1	4232.0	4120.6	3689.8	2930.0	1567.7	177.5
42.5°	5033.3	5008.7	4789.8	4588.3	4480.1	4431.5	4336.3	3994.3	3262.9	1868.9	215.1
45°	5122.1	5083.9	4937.5	4843.5	4671.2	4590.9	4477.5	4224.3	3610.8	2210.9	267.5
47.5°	5094.9	5072.9	4967.9	5002.2	4877.2	4752.2	4585.7	4400.5	3908.1	2603.5	339.4
50°	4923.9	4905.1	4872.7	5058.6	5043.1	4895.4	4725.6	4539.7	4151.1	3008.3	450.9
52.5°	4598.7	4590.9	4673.8	5014.6	5137.0	5021.7	4860.4	4662.8	4377.8	3431.4	610.2
55°	4179.6	4211.3	4448.4	4945.9	5184.9	5115.0	4979.6	4778.1	4559.8	3809.7	845.4
57.5°	4007.2	4015.7	4311.7	4897.3	5206.3	5197.2	5095.5	4888.2	4726.9	4112.2	1204.2
60°	4208.7	4195.7	4351.9	4934.2	5249.1	5271.1	5198.5	4990.6	4872.0	4371.9	1682.3
62.5°	4572.8	4565.6	4615.5	5091.6	5374.1	5418.8	5341.7	5064.4	5000.3	4543.0	2227.8
65°	4898.0	4883.1	4975.7	5370.8	5593.7	5625.4	5558.1	5190.8	5056.7	4667.3	2740.2
67.5°	5038.5	5035.3	5184.3	5636.4	5824.3	5858.6	5799.7	5365.0	5043.7	4706.9	2966.2
70°	4974.4	4962.1	5200.5	5749.2	5954.5	5993.4	5936.4	5429.8	4903.1	4581.8	2631.3
71°	4903.8	4870.7	5151.9	5741.4	5972.6	6005.7	5905.9	5370.8	4761.9	4404.3	2327.5
72.5°	4684.8	4690.7	5018.4	5660.4	5929.2	5919.5	5733.6	5159.7	4591.5	4001.4	1869.5
75°	4145.9	4180.2	4586.4	5320.3	5541.9	5418.1	5133.8	4756.1	4249.5	2869.1	1298.2
77.5°	3388.0	3439.1	3885.5	4666.0	4603.2	4590.9	4579.2	4190.6	3628.9	1541.1	903.0
80°	1617.5	1728.3	2343.7	3330.9	3618.6	3757.8	3670.4	3376.9	2806.2	733.9	539.6
82.5°	105.6	104.3	147.7	279.8	1179.6	1524.9	2422.7	2413.7	1956.3	357.6	220.2
85°	49.9	51.2	56.4	64.1	74.5	81.6	112.7	660.7	936.1	170.4	47.9
87.5°	29.2	29.8	35.0	44.7	58.3	64.8	77.1	99.1	121.8	93.9	10.4
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: P1064133

CATALOG NUMBER: GLAN-SA3A-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
2.5°	53.1	52.5	50.5	48.6	46.6	45.3	44.7	45.3	45.3	46.0	46.0
5°	53.1	51.2	47.9	44.0	41.5	38.9	37.6	36.9	37.6	37.6	37.6
7.5°	52.5	49.2	44.7	40.2	36.9	33.7	32.4	31.7	31.7	32.4	32.4
10°	51.2	47.9	42.1	36.9	33.0	29.2	27.2	25.3	25.3	25.3	25.9
12.5°	50.5	46.0	38.9	33.7	28.5	24.0	20.1	18.1	18.8	18.8	18.8
15°	49.2	44.0	36.9	30.4	24.0	18.1	14.9	13.0	13.6	14.3	13.6
17.5°	49.2	43.4	34.3	26.6	18.8	13.6	11.0	9.7	9.7	10.4	10.4
20°	49.2	42.1	32.4	22.7	14.3	10.4	7.8	7.1	7.1	8.4	9.1
22.5°	50.5	42.1	29.8	18.8	11.7	7.8	5.8	5.2	5.8	7.1	7.8
25°	52.5	41.5	27.2	16.8	9.7	5.8	4.5	3.2	3.9	5.2	5.8
27.5°	54.4	40.8	24.6	14.9	7.8	4.5	3.2	2.6	1.9	2.6	2.6
30°	56.4	40.8	22.0	12.3	6.5	3.2	1.9	1.3	0.6	0.0	0.0
32.5°	57.7	39.5	20.1	9.7	5.2	2.6	1.3	0.6	0.0	0.0	0.0
35°	58.9	38.2	17.5	7.8	3.9	1.9	0.6	0.0	0.0	0.0	0.0
37.5°	60.2	36.3	14.9	6.5	3.2	1.3	0.0	0.0	0.0	0.0	0.0
40°	61.5	33.7	12.3	5.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	62.8	31.7	10.4	4.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	66.1	30.4	8.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	71.9	29.2	7.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	80.3	27.9	7.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	92.0	27.2	6.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	112.7	26.6	5.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	148.3	25.9	5.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	227.4	24.6	5.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	406.2	24.0	5.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	708.0	24.6	5.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1015.1	25.9	4.5	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	868.7	22.7	4.5	2.6	1.3	0.6	0.0	0.0	0.0	0.0	0.0
71°	708.0	20.1	4.5	2.6	1.3	0.6	0.6	0.0	0.0	0.0	0.0
72.5°	455.4	15.5	3.9	2.6	1.3	1.3	0.6	0.0	0.0	0.0	0.0
75°	192.4	13.0	3.9	2.6	1.9	1.3	1.3	0.6	0.0	0.0	0.0
77.5°	82.3	9.7	3.9	3.2	2.6	1.9	1.9	1.3	0.6	0.0	0.0
80°	31.1	7.8	4.5	3.9	3.2	3.2	2.6	1.3	0.6	0.0	0.0
82.5°	14.3	6.5	4.5	3.9	3.9	3.2	2.6	1.9	1.3	0.0	0.0
85°	9.1	5.8	4.5	3.9	3.9	3.2	3.2	1.9	1.3	0.0	0.0
87.5°	7.1	5.8	4.5	4.5	3.9	3.9	2.6	1.9	0.6	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

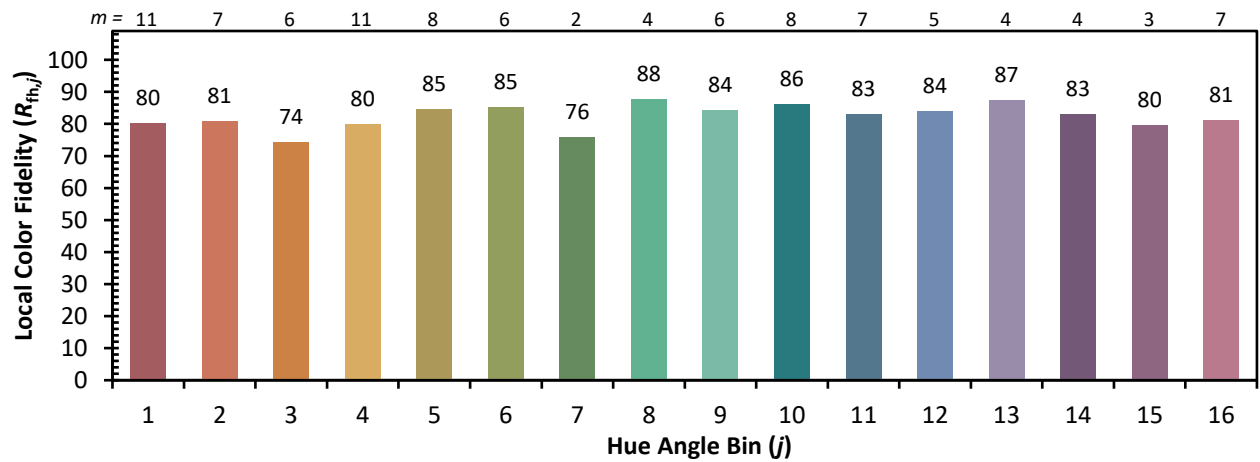
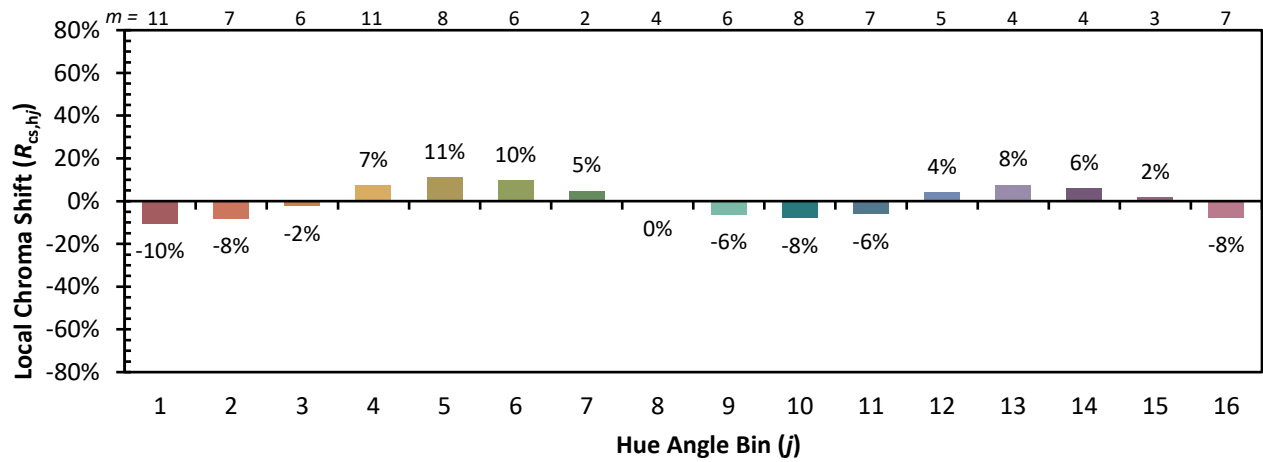


Individual Sample Fidelity Index ($R_{f,i}$)

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)