

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: P1064138

Luminaire Tested: **GLAN-SA4B-827-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064138
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4B-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15713.2 lumens
Efficiency: N/A
Efficacy: 109.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

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

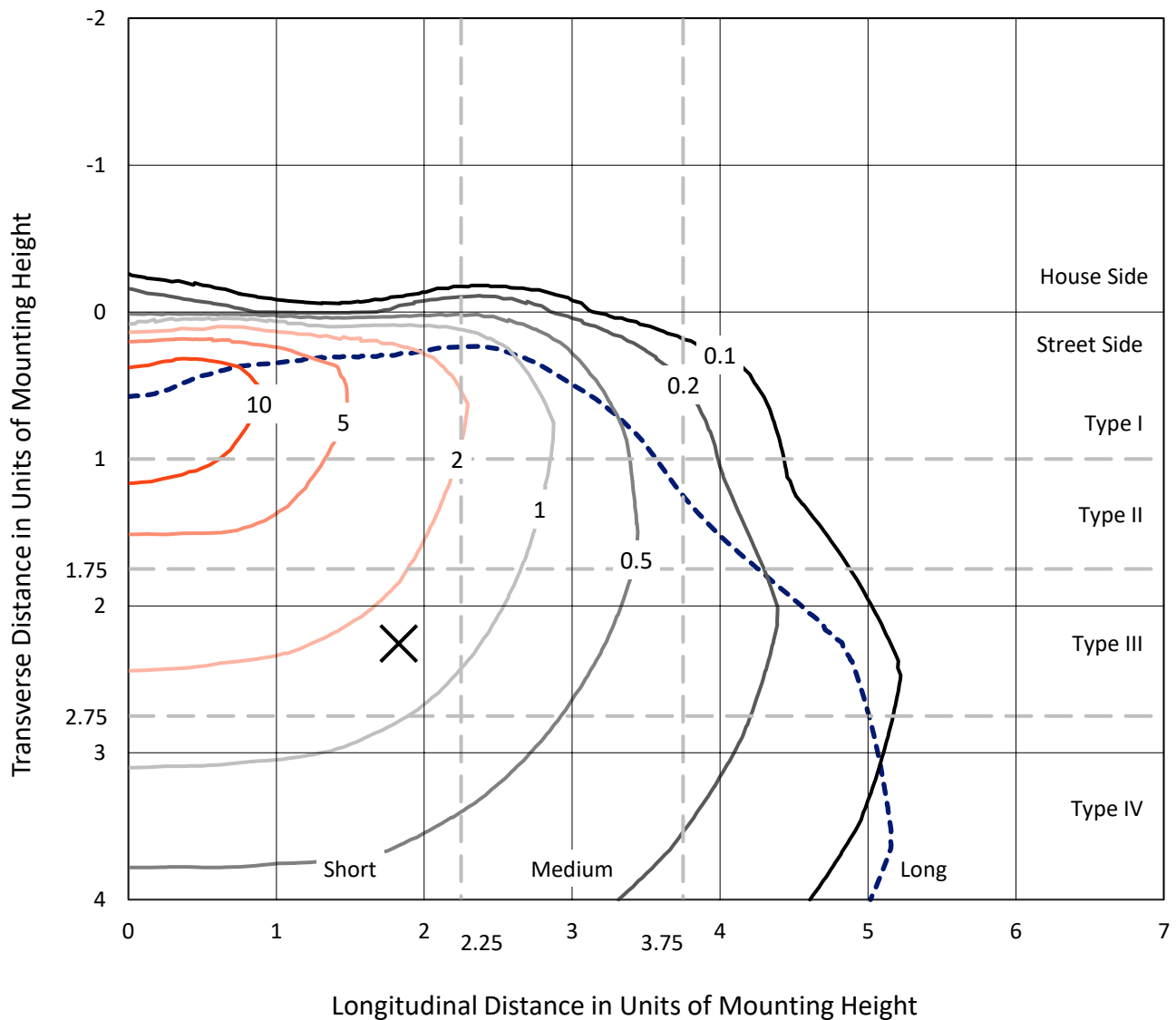


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

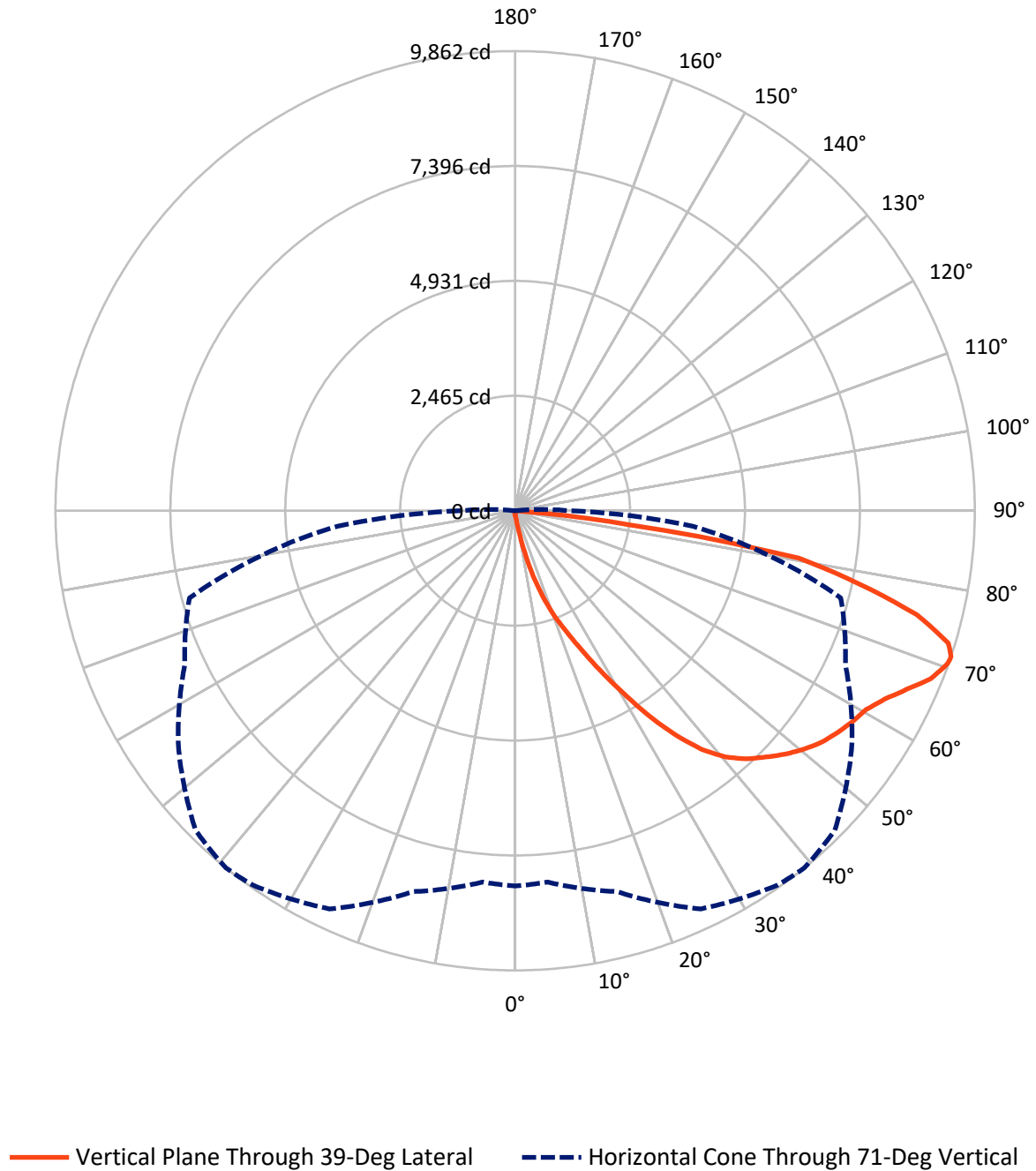


Based on 15 foot mounting height. Maximum calculated value = 16.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	55.8	0.0	55.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15657.3	0.0	15657.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	15713.2	0.0	15713.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	0.1
10°-20°	167.9	1.1
20°-30°	598.1	3.8
30°-40°	1441.4	9.2
40°-50°	2412.4	15.4
50°-60°	3098.4	19.7
60°-70°	3921.0	25.0
70°-80°	3495.8	22.2
80°-90°	565.1	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°	15713.2	100.0
0°-180°	15713.2	100.0



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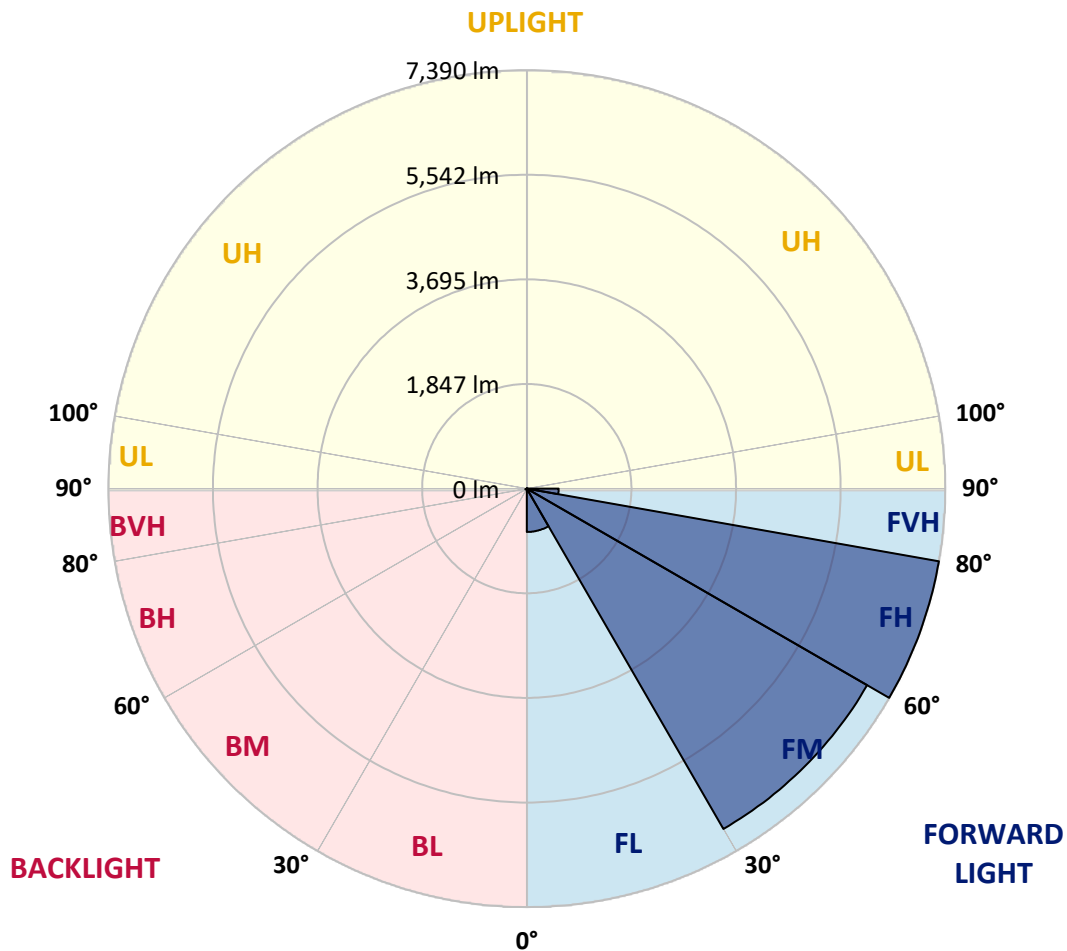
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	765.7	4.9			
FM	(30°-60°)	6939.3	44.2			
FH	(60°-80°)	7389.9	47.0			G3/7500
FVH	(80°-90°)	562.5	3.6			G4/750
BL	(0°-30°)	13.5	0.1	B0/110		
BM	(30°-60°)	12.9	0.1	B0/220		
BH	(60°-80°)	26.9	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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-G4

Type IV Short



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CATALOG NUMBER: GLAN-SA4B-827-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
2.5°	98.9	98.9	98.9	95.7	95.7	94.7	93.6	93.6	91.5	90.4	88.3
5°	150.0	146.8	139.3	135.1	126.6	121.3	115.9	108.5	101.1	95.7	89.4
7.5°	339.3	346.8	322.3	276.6	229.8	209.5	175.5	141.5	117.0	101.1	90.4
10°	864.8	860.5	777.6	686.1	529.7	467.0	365.9	230.8	151.0	110.6	91.5
12.5°	1471.1	1466.8	1369.0	1244.5	1038.2	907.3	715.9	430.8	217.0	125.5	91.5
15°	1980.6	1963.6	1932.7	1809.4	1567.9	1458.3	1205.2	761.6	351.0	151.0	93.6
17.5°	2317.8	2302.9	2274.2	2229.5	2076.3	1946.6	1743.4	1196.7	568.0	195.7	97.9
20°	2627.3	2616.7	2593.3	2584.8	2485.9	2416.7	2248.7	1696.6	885.0	265.9	104.2
22.5°	3052.8	3030.5	3040.1	2989.0	2892.2	2809.2	2706.0	2219.9	1272.2	382.9	115.9
25°	3574.0	3563.4	3536.8	3500.6	3366.6	3294.3	3135.8	2713.5	1705.1	536.1	128.7
27.5°	4203.7	4192.0	4185.7	4102.7	3948.4	3869.7	3648.5	3179.4	2192.3	751.0	145.7
30°	4929.2	4934.5	4893.0	4786.6	4606.9	4496.3	4268.6	3667.6	2691.2	1003.1	163.8
32.5°	5680.2	5669.5	5605.7	5480.2	5319.6	5216.4	4927.1	4202.7	3214.5	1336.0	185.1
35°	6489.6	6469.4	6301.4	6157.8	6020.5	5890.8	5627.0	4823.9	3737.8	1709.4	213.8
37.5°	7306.5	7211.9	6874.7	6692.8	6598.1	6491.8	6246.0	5486.6	4258.0	2126.3	248.9
40°	7923.5	7850.1	7450.1	7115.1	7039.6	6949.1	6766.2	6058.8	4811.1	2574.2	291.5
42.5°	8264.9	8224.5	7865.0	7534.2	7356.5	7276.8	7120.4	6558.8	5357.8	3068.8	353.1
45°	8410.7	8347.9	8107.5	7953.3	7670.3	7538.4	7352.3	6936.4	5929.1	3630.4	439.3
47.5°	8366.0	8329.8	8157.5	8213.9	8008.6	7803.3	7529.9	7225.7	6417.3	4275.0	557.4
50°	8085.2	8054.3	8001.1	8306.4	8280.9	8038.4	7759.7	7454.4	6816.2	4939.8	740.3
52.5°	7551.2	7538.4	7674.6	8234.1	8435.1	8245.8	7980.9	7656.5	7188.5	5634.4	1002.0
55°	6863.0	6915.1	7304.4	8121.3	8513.8	8399.0	8176.7	7845.8	7487.4	6255.6	1388.1
57.5°	6580.0	6593.9	7080.0	8041.6	8548.9	8534.1	8367.1	8026.7	7761.8	6752.4	1977.4
60°	6910.8	6889.6	7145.9	8102.2	8619.1	8655.3	8536.2	8194.7	8000.1	7178.9	2762.4
62.5°	7508.6	7496.9	7578.9	8360.7	8824.4	8897.8	8771.3	8316.0	8210.7	7459.7	3658.1
65°	8042.6	8018.2	8170.3	8819.1	9185.0	9237.2	9126.5	8523.4	8303.2	7663.9	4499.4
67.5°	8273.4	8268.1	8512.8	9255.2	9563.7	9620.1	9523.3	8809.6	8282.0	7728.8	4870.7
70°	8168.1	8147.9	8539.4	9440.3	9777.5	9841.3	9747.7	8915.9	8051.1	7523.5	4320.7
71°	8052.2	7997.9	8459.6	9427.6	9807.3	9861.5	9697.7	8819.1	7819.2	7232.1	3821.9
72.5°	7692.7	7702.2	8240.5	9294.6	9736.0	9720.1	9414.8	8472.4	7539.5	6570.5	3069.8
75°	6807.7	6864.0	7531.0	8736.2	9099.9	8896.8	8429.8	7809.7	6977.9	4711.1	2131.7
77.5°	5563.1	5647.2	6380.1	7661.8	7558.6	7538.4	7519.3	6881.1	5958.8	2530.5	1482.8
80°	2656.1	2837.9	3848.5	5469.5	5941.8	6170.5	6026.9	5545.1	4607.9	1205.2	886.1
82.5°	173.4	171.3	242.5	459.5	1937.0	2503.9	3978.2	3963.3	3212.4	587.2	361.7
85°	81.9	84.0	92.5	105.3	122.3	134.0	185.1	1085.0	1537.0	279.8	78.7
87.5°	47.9	48.9	57.4	73.4	95.7	106.4	126.6	162.7	200.0	154.2	17.0
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
2.5°	87.2	86.2	83.0	79.8	76.6	74.5	73.4	74.5	74.5	75.5	75.5
5°	87.2	84.0	78.7	72.3	68.1	63.8	61.7	60.6	61.7	61.7	61.7
7.5°	86.2	80.8	73.4	65.9	60.6	55.3	53.2	52.1	52.1	53.2	53.2
10°	84.0	78.7	69.1	60.6	54.2	47.9	44.7	41.5	41.5	41.5	42.5
12.5°	83.0	75.5	63.8	55.3	46.8	39.4	33.0	29.8	30.8	30.8	30.8
15°	80.8	72.3	60.6	50.0	39.4	29.8	24.5	21.3	22.3	23.4	22.3
17.5°	80.8	71.3	56.4	43.6	30.8	22.3	18.1	16.0	16.0	17.0	17.0
20°	80.8	69.1	53.2	37.2	23.4	17.0	12.8	11.7	11.7	13.8	14.9
22.5°	83.0	69.1	48.9	30.8	19.1	12.8	9.6	8.5	9.6	11.7	12.8
25°	86.2	68.1	44.7	27.7	16.0	9.6	7.4	5.3	6.4	8.5	9.6
27.5°	89.4	67.0	40.4	24.5	12.8	7.4	5.3	4.3	3.2	4.3	4.3
30°	92.5	67.0	36.2	20.2	10.6	5.3	3.2	2.1	1.1	0.0	0.0
32.5°	94.7	64.9	33.0	16.0	8.5	4.3	2.1	1.1	0.0	0.0	0.0
35°	96.8	62.8	28.7	12.8	6.4	3.2	1.1	0.0	0.0	0.0	0.0
37.5°	98.9	59.6	24.5	10.6	5.3	2.1	0.0	0.0	0.0	0.0	0.0
40°	101.1	55.3	20.2	9.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	103.2	52.1	17.0	7.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	108.5	50.0	13.8	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	118.1	47.9	12.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	131.9	45.7	11.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	151.0	44.7	10.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	185.1	43.6	9.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	243.6	42.5	9.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	373.4	40.4	9.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	666.9	39.4	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1162.6	40.4	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1666.8	42.5	7.4	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1426.4	37.2	7.4	4.3	2.1	1.1	0.0	0.0	0.0	0.0	0.0
71°	1162.6	33.0	7.4	4.3	2.1	1.1	1.1	0.0	0.0	0.0	0.0
72.5°	747.8	25.5	6.4	4.3	2.1	2.1	1.1	0.0	0.0	0.0	0.0
75°	315.9	21.3	6.4	4.3	3.2	2.1	2.1	1.1	0.0	0.0	0.0
77.5°	135.1	16.0	6.4	5.3	4.3	3.2	3.2	2.1	1.1	0.0	0.0
80°	51.1	12.8	7.4	6.4	5.3	5.3	4.3	2.1	1.1	0.0	0.0
82.5°	23.4	10.6	7.4	6.4	6.4	5.3	4.3	3.2	2.1	0.0	0.0
85°	14.9	9.6	7.4	6.4	6.4	5.3	5.3	3.2	2.1	0.0	0.0
87.5°	11.7	9.6	7.4	7.4	6.4	6.4	4.3	3.2	1.1	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
 Rf: 82.2
 Rg: 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

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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

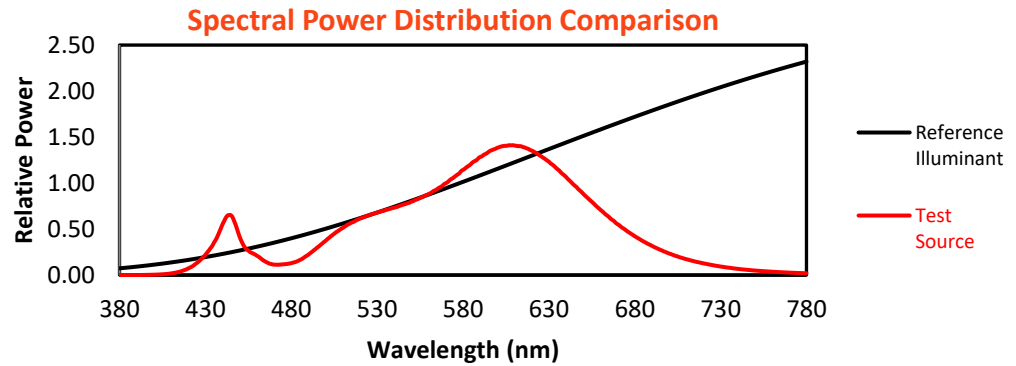
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	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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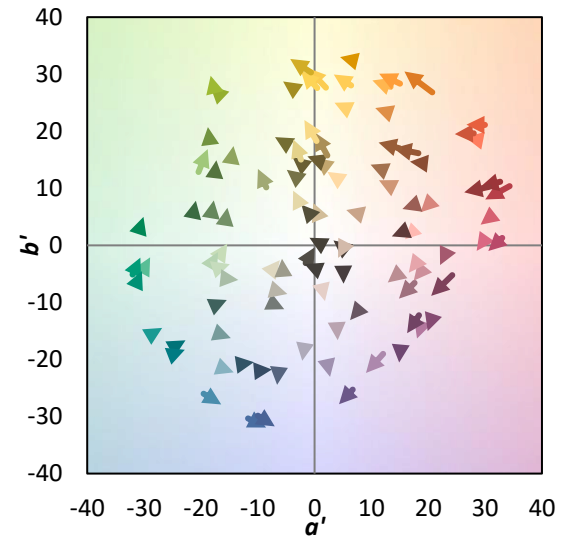
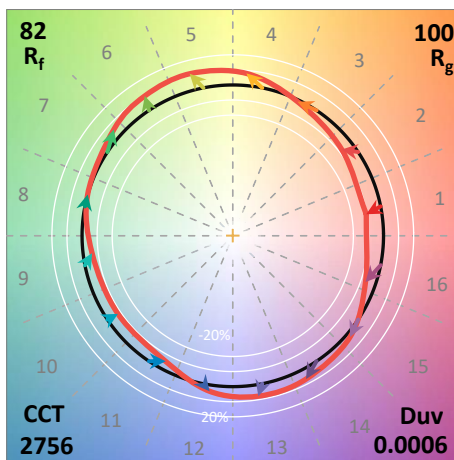
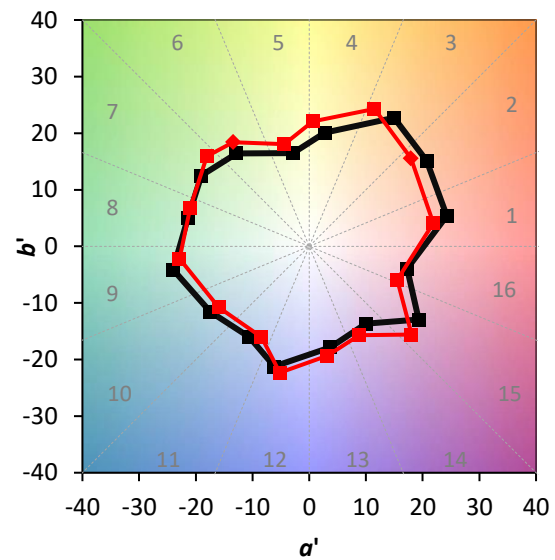
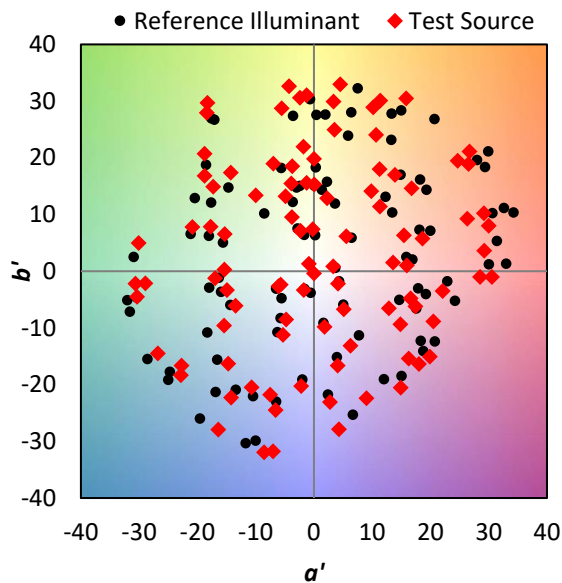
TM-30-18

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)