

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: P1062914

Luminaire Tested: **GLAN-SA4B-827-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062914
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-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16249.1 lumens
Efficiency: N/A
Efficacy: 112.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - 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

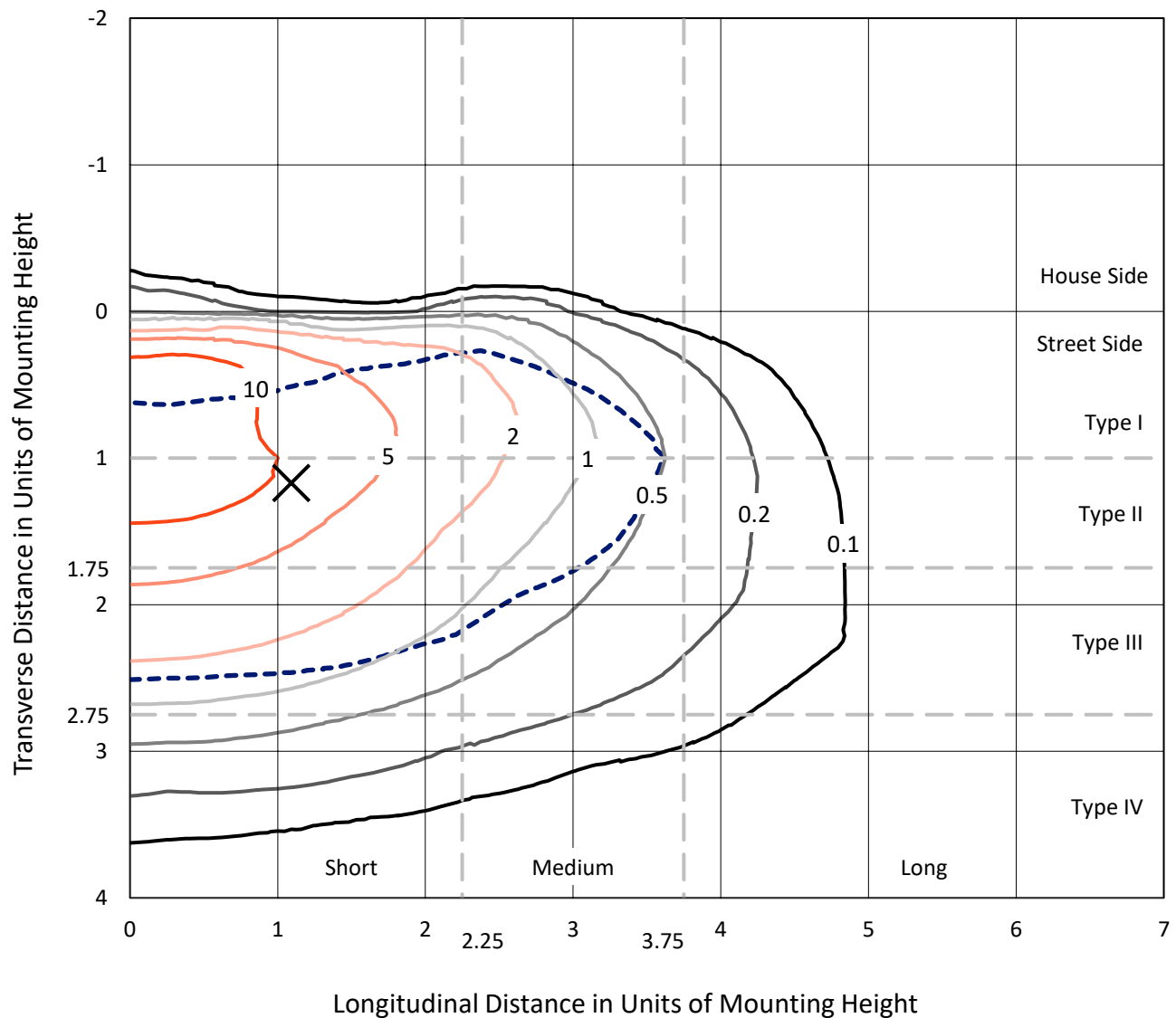


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

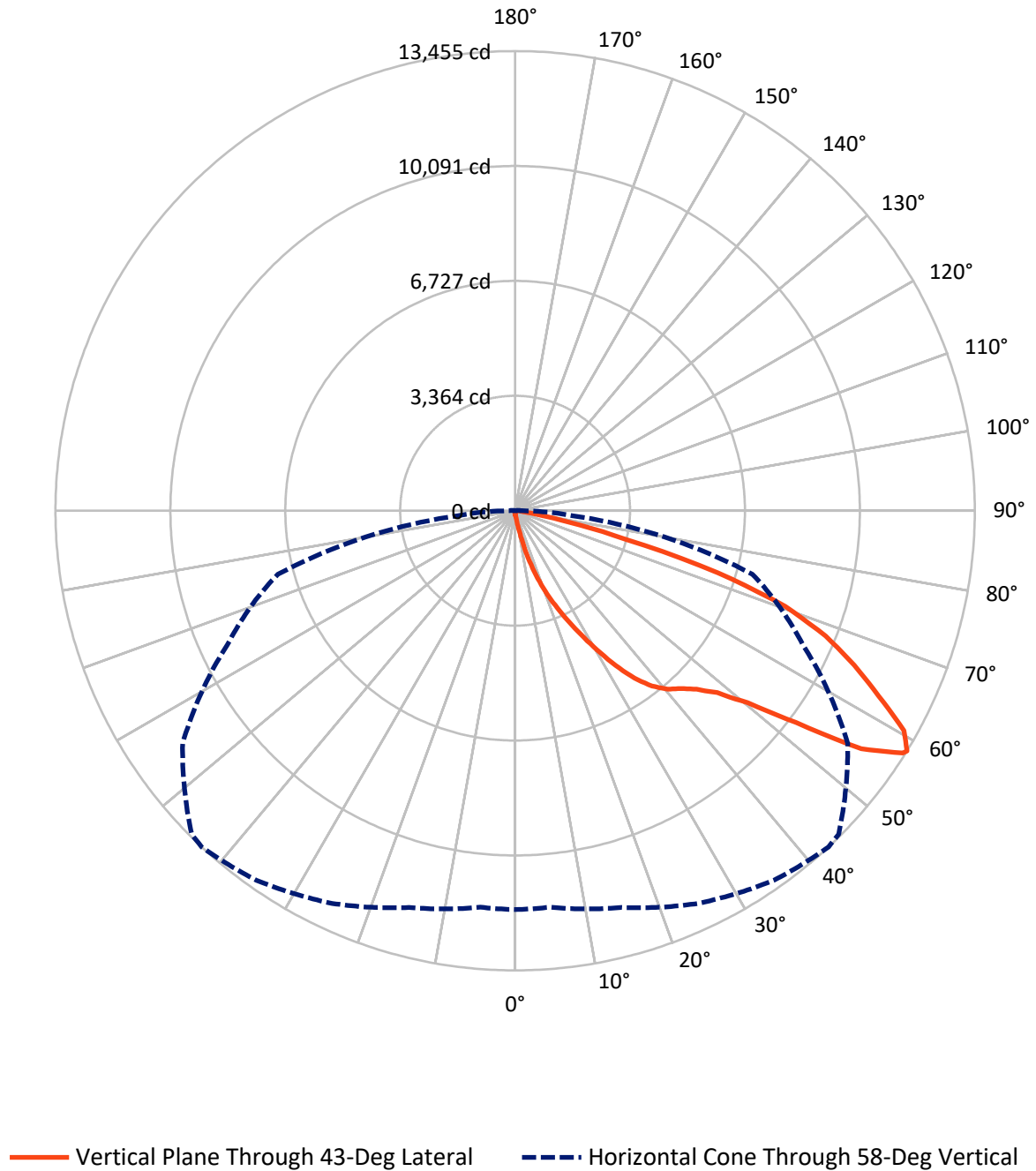


Based on 15 foot mounting height. Maximum calculated value = 18.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	59.3	0.0	59.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16189.8	0.0	16189.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	16249.1	0.0	16249.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	0.1
10°-20°	186.8	1.1
20°-30°	673.2	4.1
30°-40°	1540.3	9.5
40°-50°	2597.9	16.0
50°-60°	4287.2	26.4
60°-70°	4791.5	29.5
70°-80°	1978.3	12.2
80°-90°	178.3	1.1
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°	16249.1	100.0
0°-180°	16249.1	100.0



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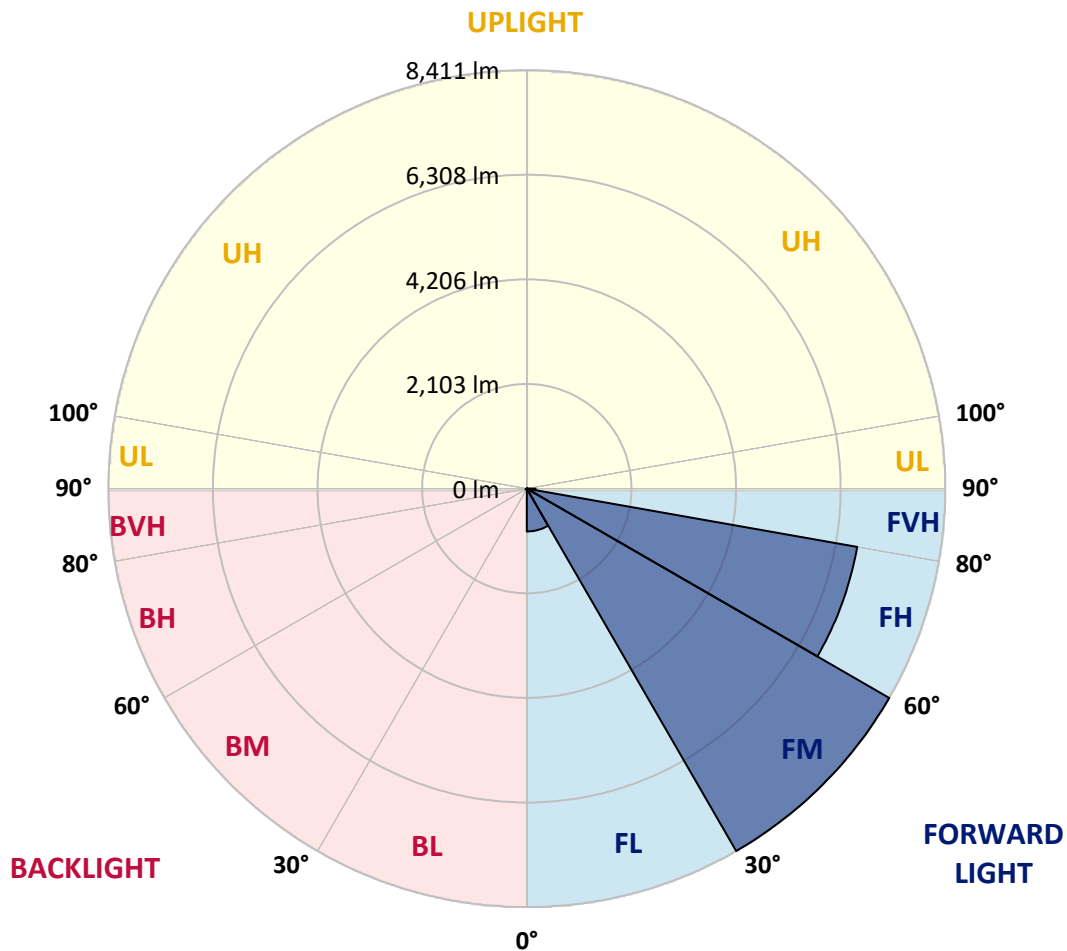
CATALOG NUMBER: GLAN-SA4B-827-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	860.1	5.3			
FM	(30°-60°)	8411.2	51.8			
FH	(60°-80°)	6742.6	41.5			G3/7500
FVH	(80°-90°)	175.9	1.1			G2/225
BL	(0°-30°)	15.5	0.1	B0/110		
BM	(30°-60°)	14.2	0.1	B0/220		
BH	(60°-80°)	27.2	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2
2.5°	127.5	131.7	127.5	127.5	127.5	123.2	123.2	119.0	119.0	114.7	110.5
5°	187.0	187.0	174.2	165.7	157.2	153.0	148.7	140.2	131.7	123.2	114.7
7.5°	416.5	416.5	378.2	327.2	259.2	221.0	212.5	174.2	148.7	131.7	114.7
10°	994.5	994.5	909.5	769.2	595.0	442.0	395.2	250.7	178.5	140.2	119.0
12.5°	1653.2	1674.4	1568.2	1389.7	1130.5	862.7	769.2	459.0	238.0	153.0	119.0
15°	2243.9	2192.9	2163.2	1993.2	1746.7	1427.9	1308.9	773.5	344.2	174.2	119.0
17.5°	2643.4	2643.4	2600.9	2486.1	2260.9	1980.4	1882.7	1249.4	556.7	199.7	123.2
20°	3110.9	3110.9	3034.4	2953.6	2753.9	2515.9	2422.4	1776.4	862.7	255.0	123.2
22.5°	3676.1	3684.6	3599.6	3455.1	3263.9	3000.4	2919.6	2265.2	1249.4	340.0	127.5
25°	4364.6	4373.1	4249.8	4113.8	3820.6	3535.8	3412.6	2826.1	1721.2	476.0	127.5
27.5°	5125.3	5184.8	5002.0	4768.3	4458.1	4101.1	4007.6	3331.9	2188.7	671.5	136.0
30°	6073.0	6073.0	5830.7	5503.5	5167.8	4725.8	4606.8	3863.1	2685.9	930.7	144.5
32.5°	6889.0	6825.2	6515.0	6170.7	5813.8	5401.5	5274.0	4419.8	3195.9	1253.7	161.5
35°	7513.7	7458.4	7075.9	6706.2	6396.0	6017.7	5864.7	5023.3	3735.6	1619.2	187.0
37.5°	8049.2	8027.9	7509.4	7046.2	6842.2	6510.7	6374.7	5592.8	4266.8	2014.4	216.7
40°	8635.6	8567.6	8015.2	7441.4	7135.4	6867.7	6744.5	6051.7	4776.8	2477.6	259.2
42.5°	9137.1	9056.4	8559.1	7998.2	7475.4	7114.2	6995.2	6438.5	5274.0	2940.9	314.5
45°	9693.8	9651.3	9149.9	8724.9	8027.9	7449.9	7292.7	6748.7	5728.8	3493.4	386.7
47.5°	10531.0	10454.6	9987.1	9638.6	8831.1	7959.9	7734.7	7067.4	6166.5	4037.3	497.2
50°	11504.3	11453.3	11177.0	10900.8	10097.6	8831.1	8563.4	7526.4	6655.2	4683.3	641.7
52.5°	12299.0	12290.5	12324.5	12328.7	11721.0	10297.3	9897.8	8265.9	7216.2	5320.8	845.7
55°	12282.0	12320.2	12694.2	13123.4	13170.2	12299.0	11912.2	9511.1	7947.2	6107.0	1130.5
57.5°	11823.0	11793.2	12188.5	12834.4	13289.2	13382.7	13318.9	11444.8	9047.9	7054.7	1568.2
58°	11674.2	11648.8	12022.7	12681.5	13204.2	13454.9	13391.2	11882.5	9294.4	7190.7	1687.2
60°	11134.5	11138.8	11359.8	11959.0	12481.7	13076.7	13136.2	13131.9	10522.5	8100.2	2286.4
62.5°	10420.6	10386.6	10590.5	11079.3	11538.3	11937.7	12039.7	13216.9	12320.2	9256.1	3429.6
65°	9434.6	9383.6	9600.3	10152.8	10645.8	10905.0	10909.3	12078.0	13165.9	10497.0	5061.5
67.5°	7602.9	7560.4	7993.9	8703.6	9464.3	9804.3	9957.3	10480.1	12452.0	11338.5	5996.5
70°	4657.8	4747.0	5350.5	6464.0	7764.4	8389.1	8618.6	8780.1	10603.3	11211.0	5014.8
72.5°	2150.4	2044.2	2558.4	3336.1	4819.3	6209.0	6447.0	7080.2	8406.1	9732.1	3739.8
75°	1003.0	964.7	1083.7	1457.7	2184.4	3353.1	3786.6	5652.3	6447.0	6770.0	2698.6
77.5°	514.2	518.5	616.2	663.0	901.0	1551.2	1780.7	3718.6	4725.8	3778.1	1810.4
80°	225.2	233.7	238.0	259.2	365.5	599.2	675.7	1725.4	3229.9	1925.2	990.2
82.5°	144.5	148.7	148.7	148.7	174.2	238.0	272.0	692.7	1610.7	956.2	306.0
85°	76.5	76.5	85.0	106.2	123.2	144.5	153.0	221.0	531.2	284.7	72.2
87.5°	42.5	46.7	51.0	63.7	80.7	97.7	106.2	153.0	204.0	195.5	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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CATALOG NUMBER: GLAN-SA4B-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2	106.2
2.5°	110.5	106.2	102.0	97.7	93.5	89.2	89.2	89.2	89.2	89.2	89.2
5°	106.2	102.0	97.7	89.2	80.7	76.5	72.2	68.0	68.0	68.0	68.0
7.5°	106.2	102.0	89.2	80.7	72.2	63.7	55.2	55.2	55.2	55.2	55.2
10°	106.2	97.7	85.0	72.2	59.5	51.0	46.7	42.5	42.5	42.5	42.5
12.5°	106.2	93.5	80.7	63.7	51.0	42.5	38.2	34.0	34.0	34.0	34.0
15°	106.2	93.5	76.5	59.5	46.7	34.0	29.7	25.5	25.5	25.5	25.5
17.5°	102.0	89.2	72.2	51.0	38.2	25.5	21.2	17.0	17.0	21.2	21.2
20°	97.7	85.0	63.7	42.5	29.7	21.2	12.7	12.7	12.7	12.7	12.7
22.5°	97.7	85.0	59.5	38.2	25.5	12.7	8.5	8.5	8.5	8.5	12.7
25°	97.7	80.7	51.0	29.7	17.0	8.5	4.2	4.2	4.2	4.2	4.2
27.5°	97.7	80.7	46.7	25.5	12.7	8.5	4.2	0.0	0.0	0.0	0.0
30°	93.5	76.5	42.5	21.2	8.5	4.2	0.0	0.0	0.0	0.0	0.0
32.5°	93.5	72.2	34.0	17.0	8.5	4.2	0.0	0.0	0.0	0.0	0.0
35°	97.7	68.0	29.7	12.7	4.2	0.0	0.0	0.0	0.0	0.0	4.2
37.5°	102.0	63.7	25.5	8.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	106.2	59.5	25.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	114.7	59.5	21.2	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	123.2	59.5	17.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	140.2	63.7	17.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	153.0	68.0	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	170.0	63.7	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	191.2	63.7	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	208.2	59.5	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	216.7	55.2	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	259.2	51.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	403.7	42.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	820.2	38.2	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1529.9	34.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1712.7	38.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1079.5	29.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	569.5	29.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	284.7	29.7	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	131.7	21.2	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	55.2	12.7	8.5	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	25.5	12.7	8.5	8.5	4.2	4.2	0.0	0.0	0.0	0.0	0.0
87.5°	12.7	12.7	12.7	8.5	8.5	4.2	4.2	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

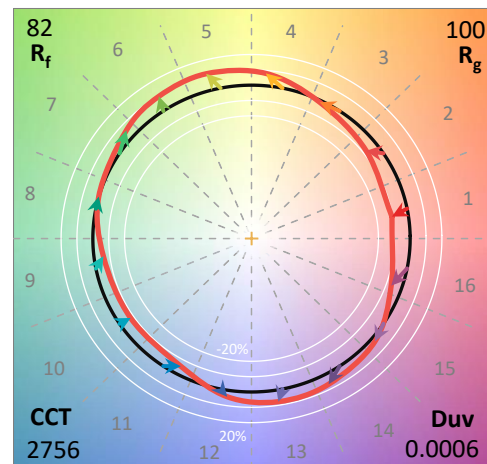
Test Information

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

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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 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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Scotopic Flux vs. Wavelength



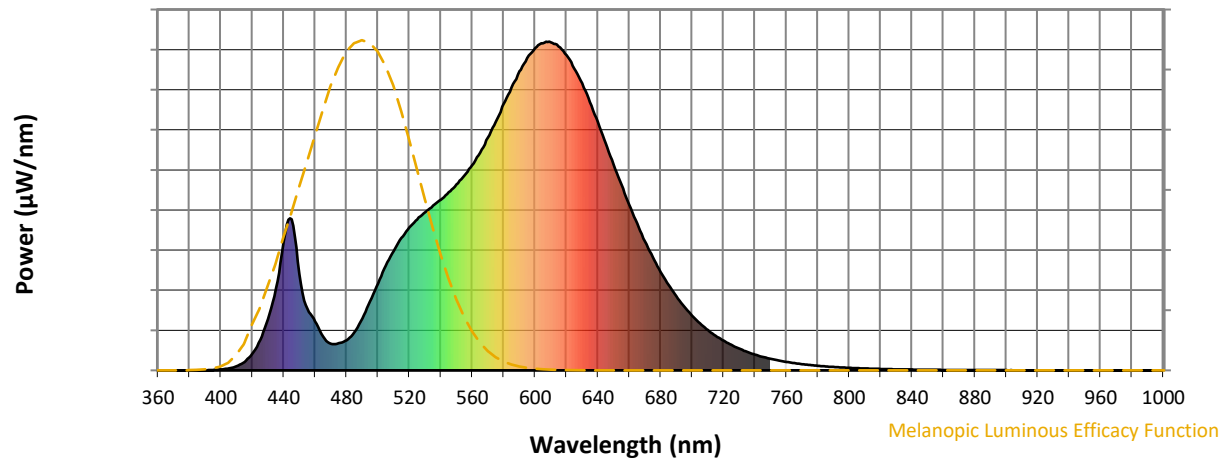
Scotopic Lumens: NR

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			

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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			

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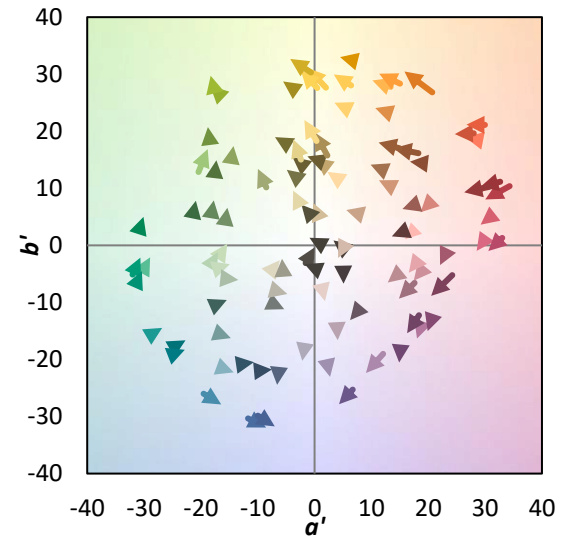
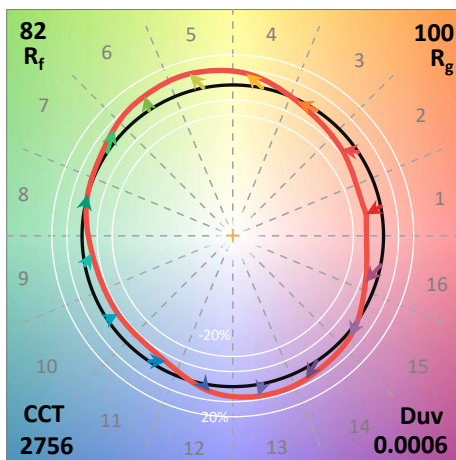
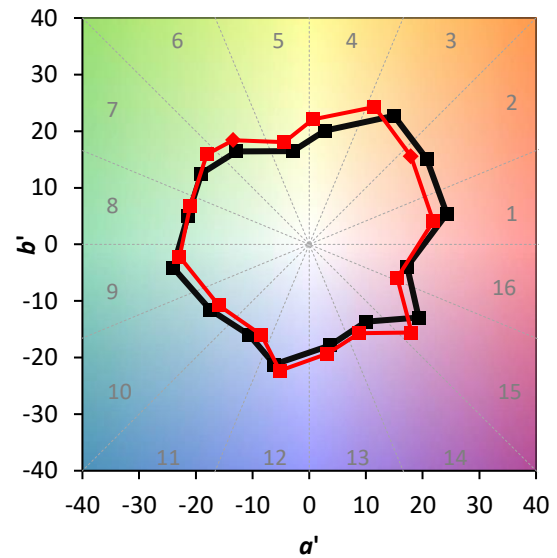
TM-30-18

Summary

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



Color Vector Graphics

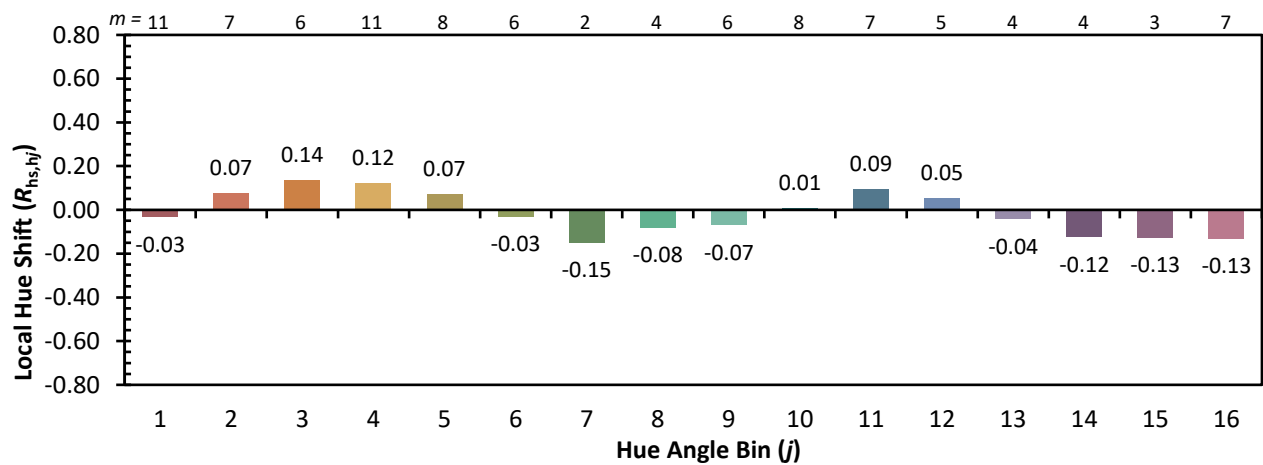


Individual Sample Fidelity Index ($R_{f,i}$)

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)