

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: LUMARK

Report Number: P1067563

Luminaire Tested: **NAV-SA2C-827-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067563
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2C-827-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8202.1 lumens
Efficiency: N/A
Efficacy: 85.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
Input Voltage (V): 120
Input Current (A_{in}): 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

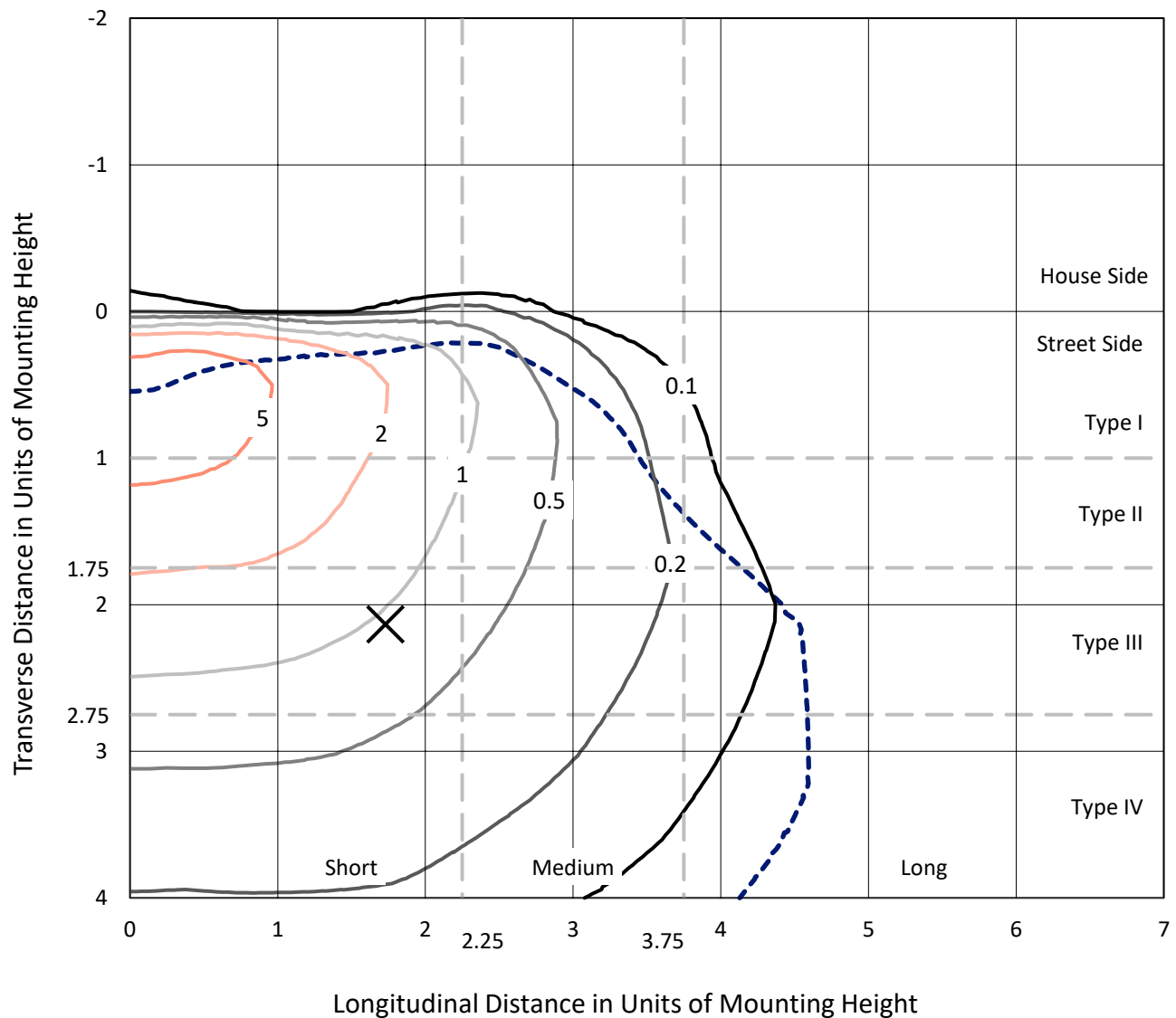


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

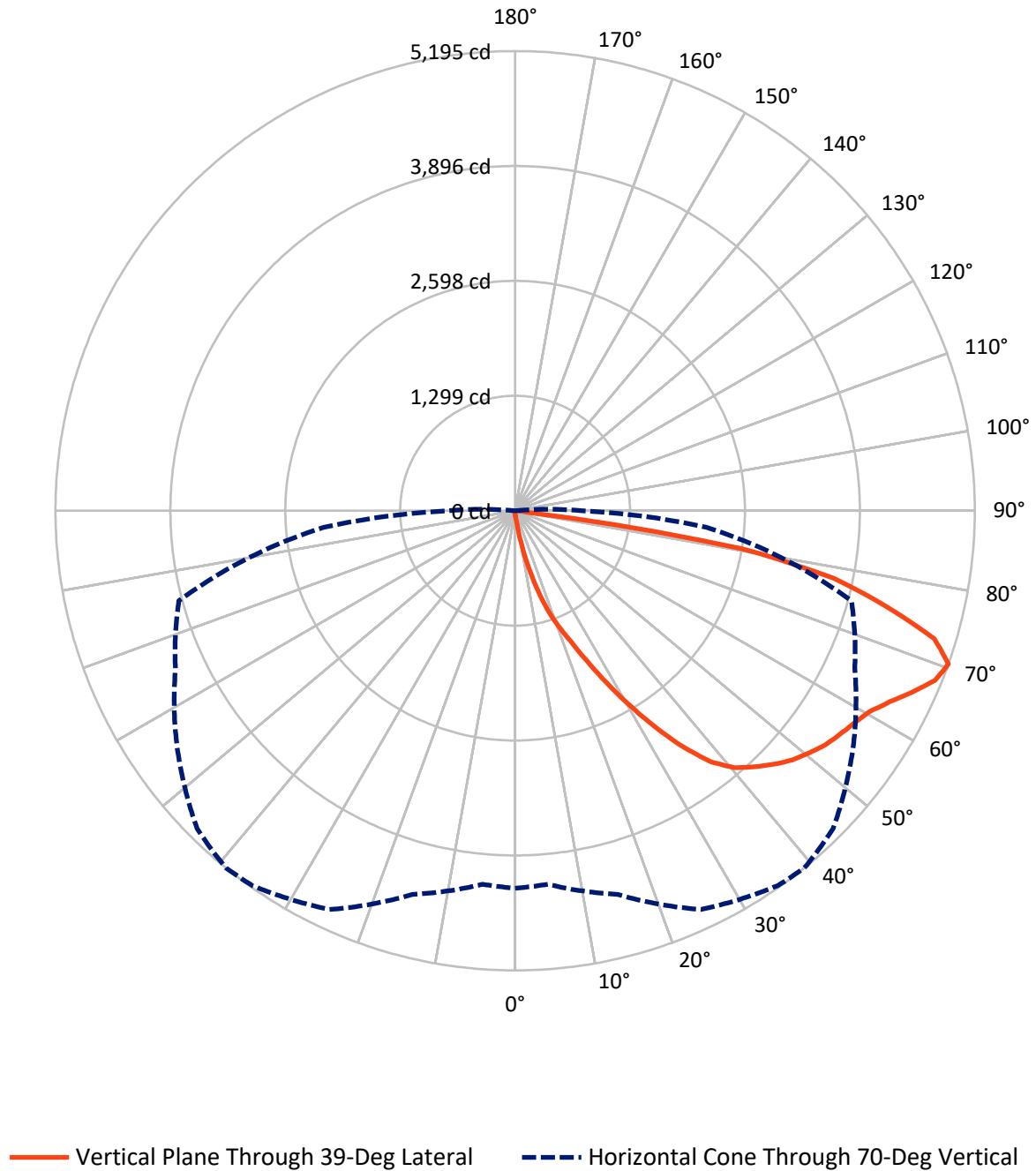


Based on 15 foot mounting height. Maximum calculated value = 8.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	25.3	0.0	25.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	8176.8	0.0	8176.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	8202.1	0.0	8202.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	0.1
10°-20°	100.8	1.2
20°-30°	342.2	4.2
30°-40°	804.2	9.8
40°-50°	1305.8	15.9
50°-60°	1654.7	20.2
60°-70°	2102.0	25.6
70°-80°	1707.8	20.8
80°-90°	175.8	2.1
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°	8202.1	100.0
0°-180°	8202.1	100.0



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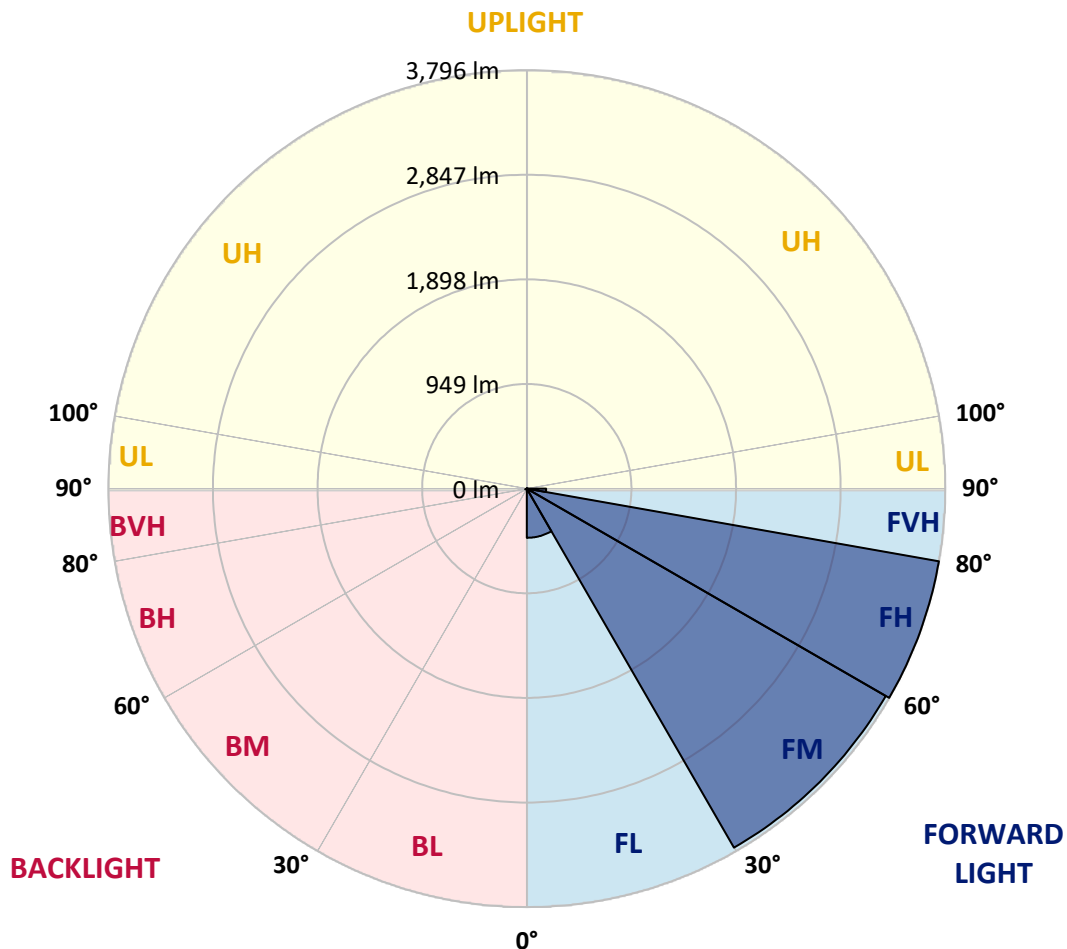
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	446.2	5.4			
FM	(30°-60°)	3759.9	45.8			
FH	(60°-80°)	3795.9	46.3			G2/5000
FVH	(80°-90°)	174.8	2.1			G2/225
BL	(0°-30°)	5.5	0.1	B0/110		
BM	(30°-60°)	4.9	0.1	B0/220		
BH	(60°-80°)	13.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.1	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2.5°	57.9	57.9	57.9	55.7	55.7	53.4	53.4	51.2	49.0	49.0	46.8
5°	109.1	111.3	104.7	91.3	82.4	77.9	73.5	62.4	55.7	51.2	46.8
7.5°	298.4	289.5	276.1	231.6	178.1	151.4	129.2	91.3	66.8	53.4	46.8
10°	628.0	603.5	565.6	505.5	400.8	358.5	278.4	167.0	93.5	60.1	46.8
12.5°	921.9	926.4	879.6	821.7	694.8	623.5	514.4	314.0	147.0	71.3	46.8
15°	1144.6	1140.1	1122.3	1075.6	962.0	893.0	795.0	527.8	247.2	89.1	49.0
17.5°	1320.5	1302.7	1296.0	1276.0	1202.5	1164.6	1057.7	777.2	391.9	120.2	51.2
20°	1496.4	1492.0	1485.3	1463.0	1414.0	1387.3	1304.9	1028.8	583.4	171.5	55.7
22.5°	1752.5	1728.0	1732.5	1683.5	1643.4	1596.6	1529.8	1296.0	803.9	245.0	62.4
25°	2053.1	2050.9	2015.3	1993.0	1926.2	1875.0	1785.9	1554.3	1048.8	354.1	69.0
27.5°	2407.2	2382.7	2367.1	2329.3	2260.2	2202.3	2079.9	1810.4	1313.8	476.5	77.9
30°	2776.9	2776.9	2747.9	2690.0	2623.2	2552.0	2427.3	2079.9	1576.6	632.4	89.1
32.5°	3208.9	3217.8	3146.5	3059.7	2972.8	2923.8	2761.3	2384.9	1828.2	810.6	102.4
35°	3627.5	3616.4	3498.4	3402.6	3338.0	3284.6	3146.5	2719.0	2113.3	1017.7	120.2
37.5°	4028.4	3999.4	3803.4	3667.6	3638.7	3603.0	3465.0	3053.0	2396.1	1247.0	142.5
40°	4315.6	4271.1	4068.4	3881.4	3839.1	3819.0	3712.1	3355.8	2694.5	1503.1	171.5
42.5°	4440.3	4389.1	4248.8	4097.4	4003.9	3957.1	3863.6	3603.0	2992.9	1788.2	213.8
45°	4464.8	4424.7	4324.5	4288.9	4162.0	4090.7	3963.8	3778.9	3271.2	2071.0	271.7
47.5°	4375.7	4357.9	4297.8	4373.5	4308.9	4211.0	4057.3	3910.3	3518.4	2413.9	351.8
50°	4157.5	4144.1	4173.1	4371.3	4415.8	4304.5	4159.7	4012.8	3732.2	2768.0	465.4
52.5°	3863.6	3861.3	3997.2	4313.4	4462.6	4393.6	4259.9	4115.2	3901.4	3110.9	625.7
55°	3542.9	3580.8	3819.0	4259.9	4489.3	4458.1	4357.9	4206.5	4052.8	3429.3	884.1
57.5°	3516.2	3500.6	3730.0	4237.7	4504.9	4522.7	4455.9	4302.3	4182.0	3689.9	1229.2
60°	3783.4	3747.8	3834.6	4284.4	4573.9	4605.1	4553.9	4375.7	4311.2	3894.7	1683.5
62.5°	4092.9	4059.5	4104.1	4464.8	4709.8	4754.3	4689.7	4451.5	4415.8	4037.3	2171.2
65°	4340.1	4313.4	4398.0	4734.3	4899.0	4936.9	4892.4	4591.7	4462.6	4153.1	2567.5
67.5°	4380.2	4346.8	4522.7	4914.6	5090.6	5117.3	5081.6	4727.6	4447.0	4162.0	2658.8
70°	4266.6	4237.7	4489.3	4972.5	5172.9	5195.2	5081.6	4663.0	4235.4	3934.8	2173.4
72.5°	3917.0	3939.3	4264.4	4832.2	5059.4	4956.9	4716.4	4337.9	3961.5	3335.8	1525.4
75°	3373.7	3398.2	3830.2	4447.0	4464.8	4340.1	4211.0	3990.5	3545.1	2197.9	1057.7
77.5°	2398.3	2311.5	2957.2	3672.1	3607.5	3687.6	3698.8	3320.2	2968.4	1144.6	708.1
80°	236.0	200.4	371.9	1053.3	2327.0	2600.9	2707.8	2558.6	2189.0	512.2	371.9
82.5°	51.2	51.2	55.7	60.1	93.5	140.3	643.6	1576.6	1414.0	260.5	120.2
85°	28.9	28.9	35.6	42.3	55.7	62.4	73.5	98.0	380.8	93.5	22.3
87.5°	22.3	24.5	28.9	35.6	46.8	51.2	62.4	77.9	95.8	86.8	6.7
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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2.5°	46.8	44.5	42.3	40.1	37.9	37.9	35.6	35.6	35.6	35.6	35.6
5°	44.5	42.3	40.1	35.6	33.4	31.2	28.9	28.9	28.9	28.9	28.9
7.5°	44.5	42.3	37.9	33.4	28.9	26.7	24.5	22.3	22.3	24.5	24.5
10°	44.5	40.1	33.4	28.9	24.5	22.3	20.0	17.8	17.8	17.8	17.8
12.5°	42.3	37.9	31.2	26.7	22.3	17.8	13.4	11.1	11.1	11.1	11.1
15°	40.1	35.6	28.9	22.3	15.6	11.1	8.9	6.7	6.7	6.7	6.7
17.5°	40.1	33.4	26.7	20.0	11.1	6.7	4.5	2.2	2.2	2.2	4.5
20°	40.1	33.4	24.5	15.6	6.7	4.5	4.5	2.2	0.0	2.2	2.2
22.5°	40.1	31.2	20.0	11.1	6.7	4.5	2.2	0.0	0.0	0.0	0.0
25°	42.3	31.2	17.8	8.9	4.5	2.2	0.0	0.0	0.0	0.0	0.0
27.5°	42.3	28.9	15.6	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0
30°	44.5	28.9	13.4	4.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	44.5	26.7	8.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	44.5	24.5	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	44.5	22.3	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	46.8	20.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	49.0	17.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	51.2	15.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	57.9	15.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	66.8	15.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	80.2	15.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	104.7	13.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	151.4	13.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	253.9	13.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	445.4	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	752.7	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	982.0	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	746.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	356.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	158.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	69.0	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	26.7	4.5	2.2	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0
82.5°	11.1	4.5	2.2	2.2	2.2	2.2	2.2	0.0	0.0	0.0	0.0
85°	6.7	4.5	4.5	4.5	2.2	2.2	2.2	0.0	0.0	0.0	0.0
87.5°	4.5	4.5	4.5	4.5	4.5	2.2	2.2	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 [^] /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 $\text{W}^{\wedge}/\text{nm}$	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



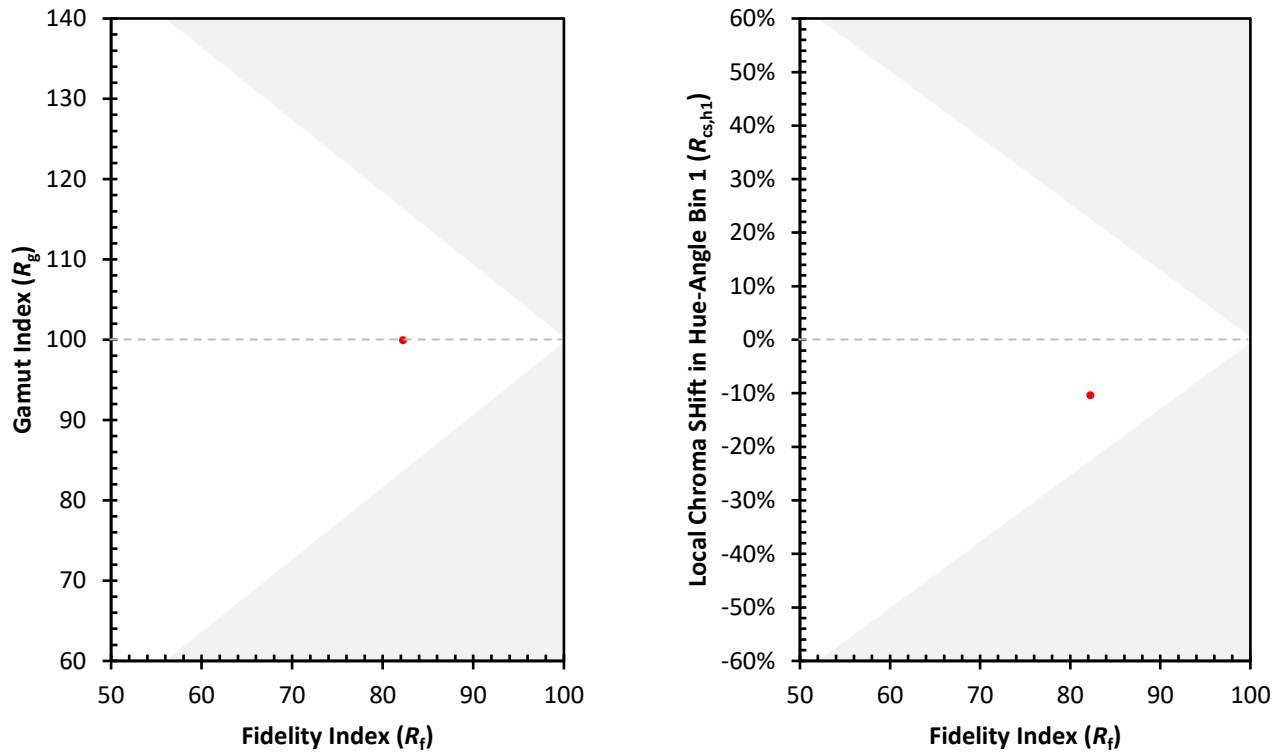
Individual Sample Fidelity Index ($R_{f,i}$)

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)