

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: P1067417

Luminaire Tested: **NAV-SA2A-722-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067417
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2A-722-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5285.8 lumens
Efficiency: N/A
Efficacy: 95.6 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): 55.3
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

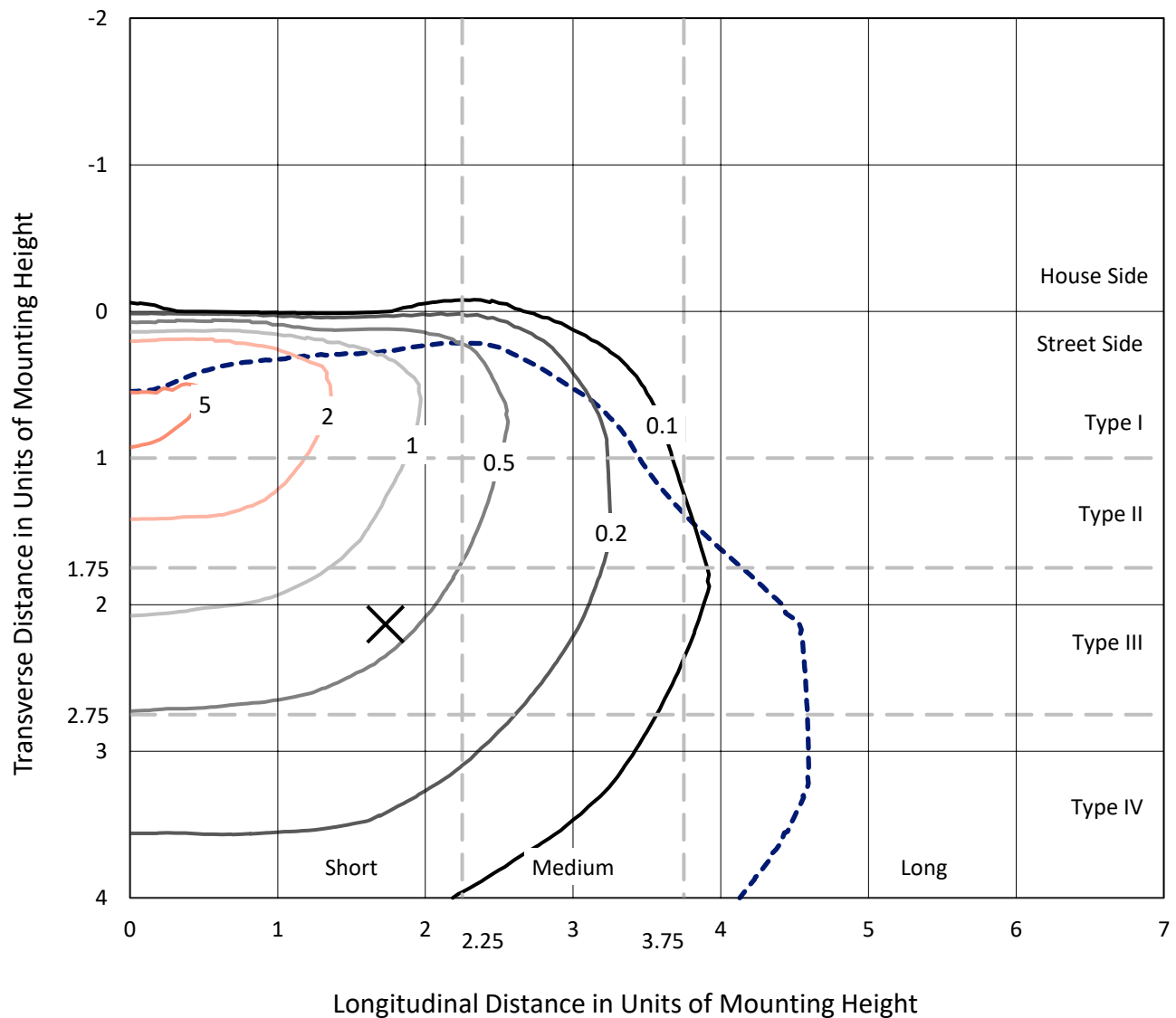


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

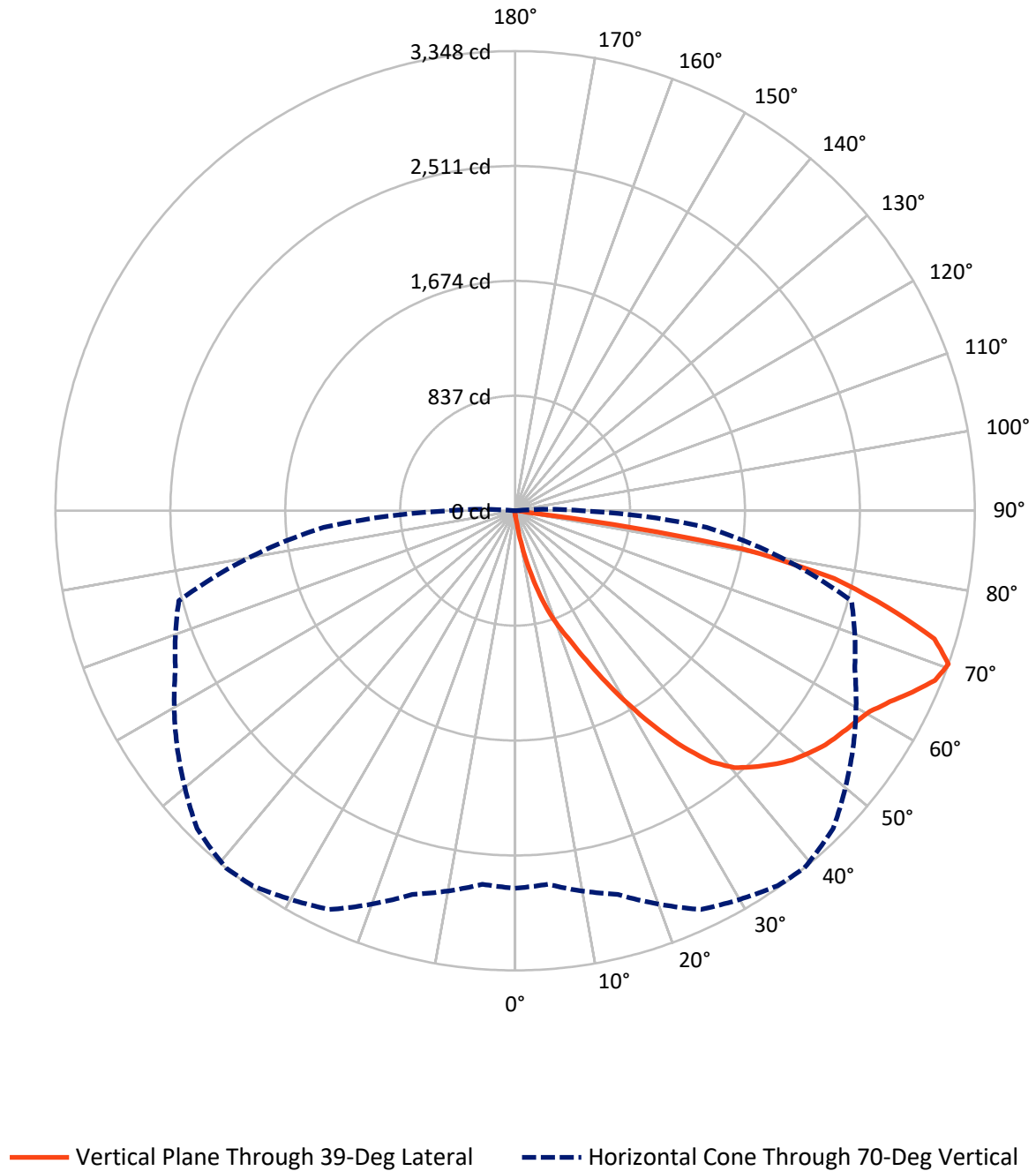


Based on 15 foot mounting height. Maximum calculated value = 5.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16.3	0.0	16.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	5269.5	0.0	5269.5
	% Fixture	99.7	0.0	99.7
Total	Lumens	5285.8	0.0	5285.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.1
10°-20°	65.0	1.2
20°-30°	220.5	4.2
30°-40°	518.3	9.8
40°-50°	841.5	15.9
50°-60°	1066.4	20.2
60°-70°	1354.6	25.6
70°-80°	1100.6	20.8
80°-90°	113.3	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°	5285.8	100.0
0°-180°	5285.8	100.0



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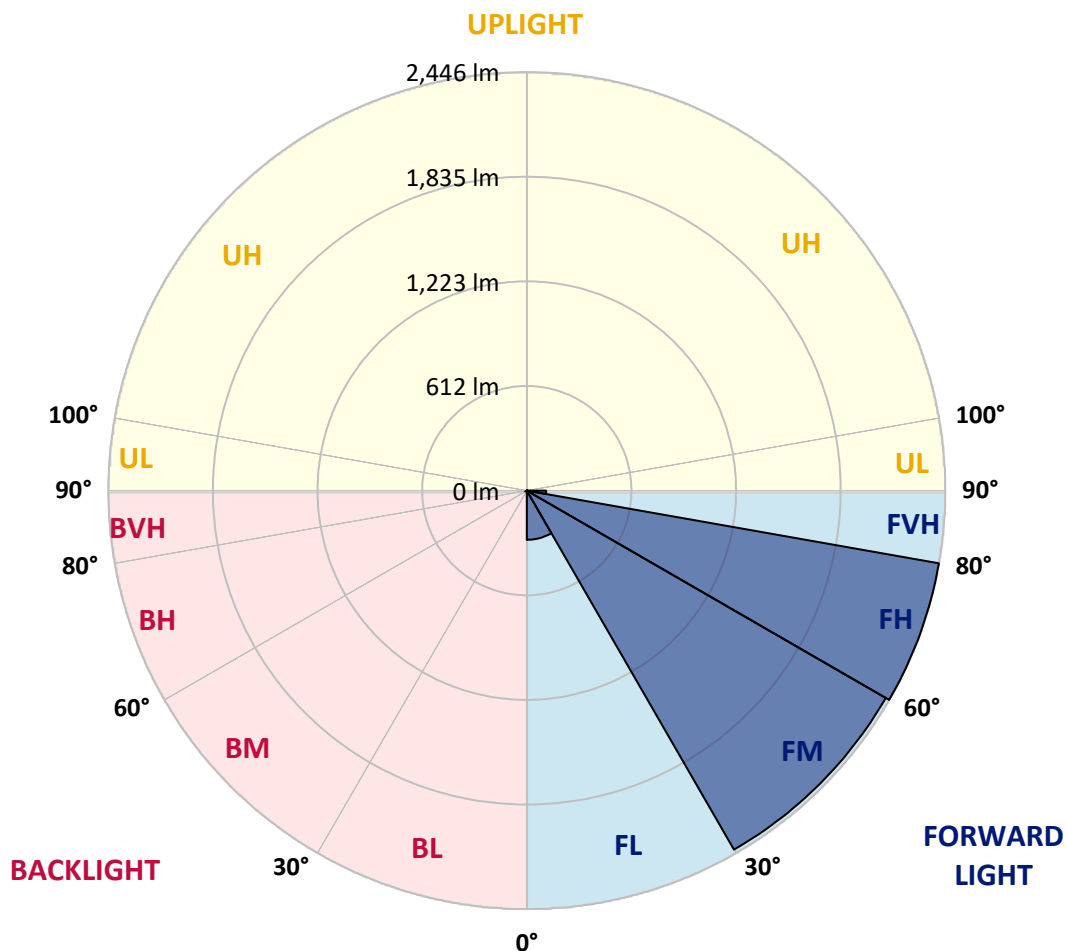
CATALOG NUMBER: NAV-SA2A-722-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	287.5	5.4			
FM	(30°-60°)	2423.1	45.8			
FH	(60°-80°)	2446.3	46.3			G2/5000
FVH	(80°-90°)	112.7	2.1			G2/225
BL	(0°-30°)	3.5	0.1	B0/110		
BM	(30°-60°)	3.1	0.1	B0/220		
BH	(60°-80°)	8.9	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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: P1067417

CATALOG NUMBER: NAV-SA2A-722-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
2.5°	37.3	37.3	37.3	35.9	35.9	34.4	34.4	33.0	31.6	31.6	30.1
5°	70.3	71.8	67.4	58.8	53.1	50.2	47.4	40.2	35.9	33.0	30.1
7.5°	192.3	186.6	178.0	149.2	114.8	97.6	83.2	58.8	43.1	34.4	30.1
10°	404.7	388.9	364.5	325.8	258.3	231.0	179.4	107.6	60.3	38.7	30.1
12.5°	594.1	597.0	566.9	529.5	447.7	401.8	331.5	202.3	94.7	45.9	30.1
15°	737.6	734.8	723.3	693.1	620.0	575.5	512.3	340.1	159.3	57.4	31.6
17.5°	851.0	839.5	835.2	822.3	774.9	750.5	681.7	500.8	252.6	77.5	33.0
20°	964.4	961.5	957.2	942.8	911.3	894.1	841.0	663.0	376.0	110.5	35.9
22.5°	1129.4	1113.6	1116.5	1084.9	1059.1	1029.0	985.9	835.2	518.1	157.9	40.2
25°	1323.1	1321.7	1298.7	1284.4	1241.3	1208.3	1150.9	1001.7	675.9	228.2	44.5
27.5°	1551.3	1535.5	1525.5	1501.1	1456.6	1419.3	1340.4	1166.7	846.7	307.1	50.2
30°	1789.5	1789.5	1770.9	1733.6	1690.5	1644.6	1564.2	1340.4	1016.0	407.6	57.4
32.5°	2068.0	2073.7	2027.8	1971.8	1915.8	1884.3	1779.5	1537.0	1178.2	522.4	66.0
35°	2337.7	2330.6	2254.5	2192.8	2151.2	2116.7	2027.8	1752.2	1361.9	655.8	77.5
37.5°	2596.1	2577.4	2451.1	2363.6	2344.9	2322.0	2233.0	1967.5	1544.1	803.6	91.8
40°	2781.2	2752.5	2621.9	2501.3	2474.1	2461.2	2392.3	2162.7	1736.4	968.7	110.5
42.5°	2861.6	2828.5	2738.1	2640.6	2580.3	2550.1	2489.9	2322.0	1928.8	1152.4	137.8
45°	2877.3	2851.5	2786.9	2764.0	2682.2	2636.2	2554.4	2435.3	2108.1	1334.6	175.1
47.5°	2819.9	2808.5	2769.7	2818.5	2776.9	2713.7	2614.7	2520.0	2267.4	1555.6	226.7
50°	2679.3	2670.7	2689.3	2817.1	2845.8	2774.0	2680.7	2586.0	2405.2	1783.8	299.9
52.5°	2489.9	2488.4	2576.0	2779.8	2875.9	2831.4	2745.3	2652.0	2514.3	2004.8	403.3
55°	2283.2	2307.6	2461.2	2745.3	2893.1	2873.0	2808.5	2710.9	2611.8	2210.0	569.7
57.5°	2266.0	2255.9	2403.8	2731.0	2903.2	2914.7	2871.6	2772.6	2695.1	2377.9	792.2
60°	2438.2	2415.2	2471.2	2761.1	2947.7	2967.8	2934.7	2819.9	2778.3	2510.0	1084.9
62.5°	2637.7	2616.2	2644.9	2877.3	3035.2	3063.9	3022.3	2868.7	2845.8	2601.8	1399.2
65°	2797.0	2779.8	2834.3	3051.0	3157.2	3181.6	3152.9	2959.1	2875.9	2676.4	1654.7
67.5°	2822.8	2801.3	2914.7	3167.2	3280.6	3297.8	3274.9	3046.7	2865.9	2682.2	1713.5
70°	2749.6	2731.0	2893.1	3204.5	3333.7	3348.0	3274.9	3005.1	2729.5	2535.8	1400.6
72.5°	2524.3	2538.7	2748.2	3114.1	3260.5	3194.5	3039.5	2795.5	2553.0	2149.8	983.0
75°	2174.1	2189.9	2468.3	2865.9	2877.3	2797.0	2713.7	2571.7	2284.7	1416.4	681.7
77.5°	1545.6	1489.6	1905.8	2366.5	2324.8	2376.5	2383.7	2139.7	1913.0	737.6	456.4
80°	152.1	129.2	239.7	678.8	1499.7	1676.2	1745.1	1648.9	1410.7	330.1	239.7
82.5°	33.0	33.0	35.9	38.7	60.3	90.4	414.7	1016.0	911.3	167.9	77.5
85°	18.7	18.7	23.0	27.3	35.9	40.2	47.4	63.1	245.4	60.3	14.4
87.5°	14.4	15.8	18.7	23.0	30.1	33.0	40.2	50.2	61.7	56.0	4.3
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: NAV-SA2A-722-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
2.5°	30.1	28.7	27.3	25.8	24.4	24.4	23.0	23.0	23.0	23.0	23.0
5°	28.7	27.3	25.8	23.0	21.5	20.1	18.7	18.7	18.7	18.7	18.7
7.5°	28.7	27.3	24.4	21.5	18.7	17.2	15.8	14.4	14.4	15.8	15.8
10°	28.7	25.8	21.5	18.7	15.8	14.4	12.9	11.5	11.5	11.5	11.5
12.5°	27.3	24.4	20.1	17.2	14.4	11.5	8.6	7.2	7.2	7.2	7.2
15°	25.8	23.0	18.7	14.4	10.0	7.2	5.7	4.3	4.3	4.3	4.3
17.5°	25.8	21.5	17.2	12.9	7.2	4.3	2.9	1.4	1.4	1.4	2.9
20°	25.8	21.5	15.8	10.0	4.3	2.9	2.9	1.4	0.0	1.4	1.4
22.5°	25.8	20.1	12.9	7.2	4.3	2.9	1.4	0.0	0.0	0.0	0.0
25°	27.3	20.1	11.5	5.7	2.9	1.4	0.0	0.0	0.0	0.0	0.0
27.5°	27.3	18.7	10.0	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0
30°	28.7	18.7	8.6	2.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	28.7	17.2	5.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	28.7	15.8	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	28.7	14.4	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	30.1	12.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	31.6	11.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	33.0	10.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	37.3	10.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	43.1	10.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	51.7	10.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	67.4	8.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	97.6	8.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	163.6	8.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	287.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	485.1	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	632.9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	480.8	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	229.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	101.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	44.5	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	17.2	2.9	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
82.5°	7.2	2.9	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0
85°	4.3	2.9	2.9	2.9	1.4	1.4	1.4	0.0	0.0	0.0	0.0
87.5°	2.9	2.9	2.9	2.9	2.9	1.4	1.4	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

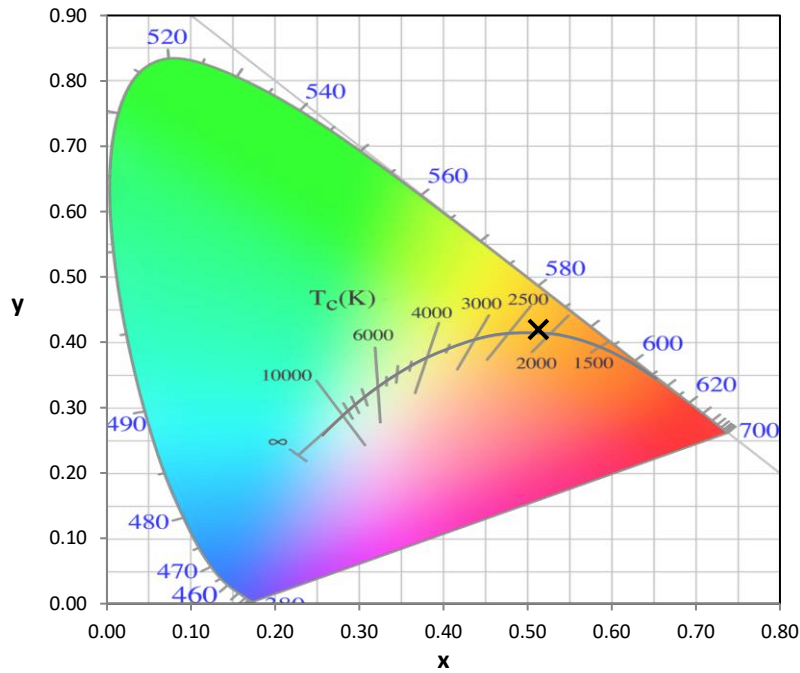
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-2

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 2200K 7-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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 1.21

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE R_a = 71.9$
 $R_g = -17.8$

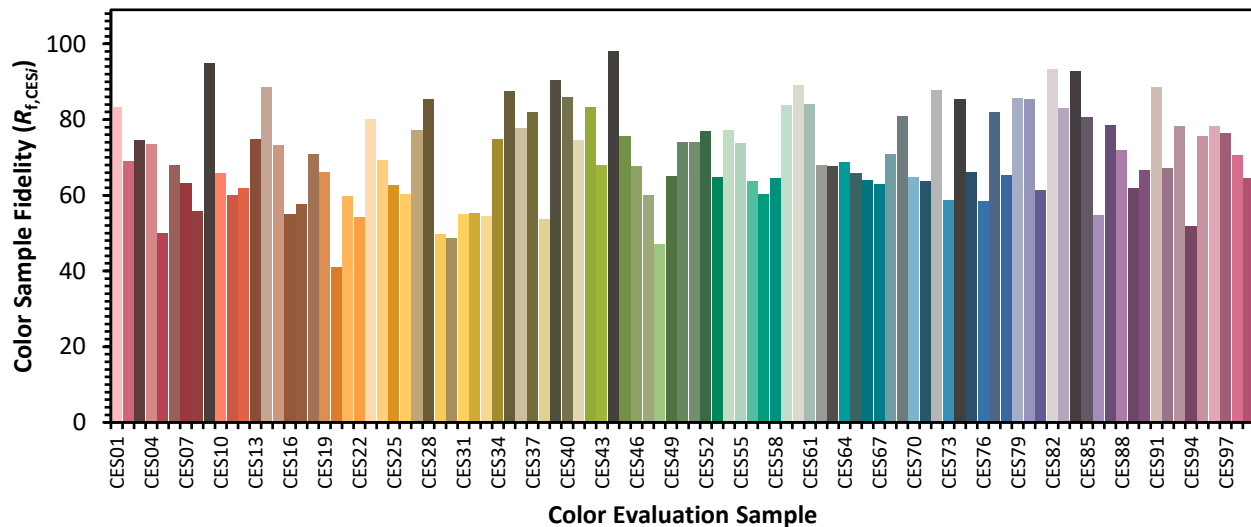


Color Vector Graphics



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

CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)