

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: P1067391

Luminaire Tested: **NAV-SA1C-740-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067391
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1C-740-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5735.5 lumens
Efficiency: N/A
Efficacy: 114.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.1
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

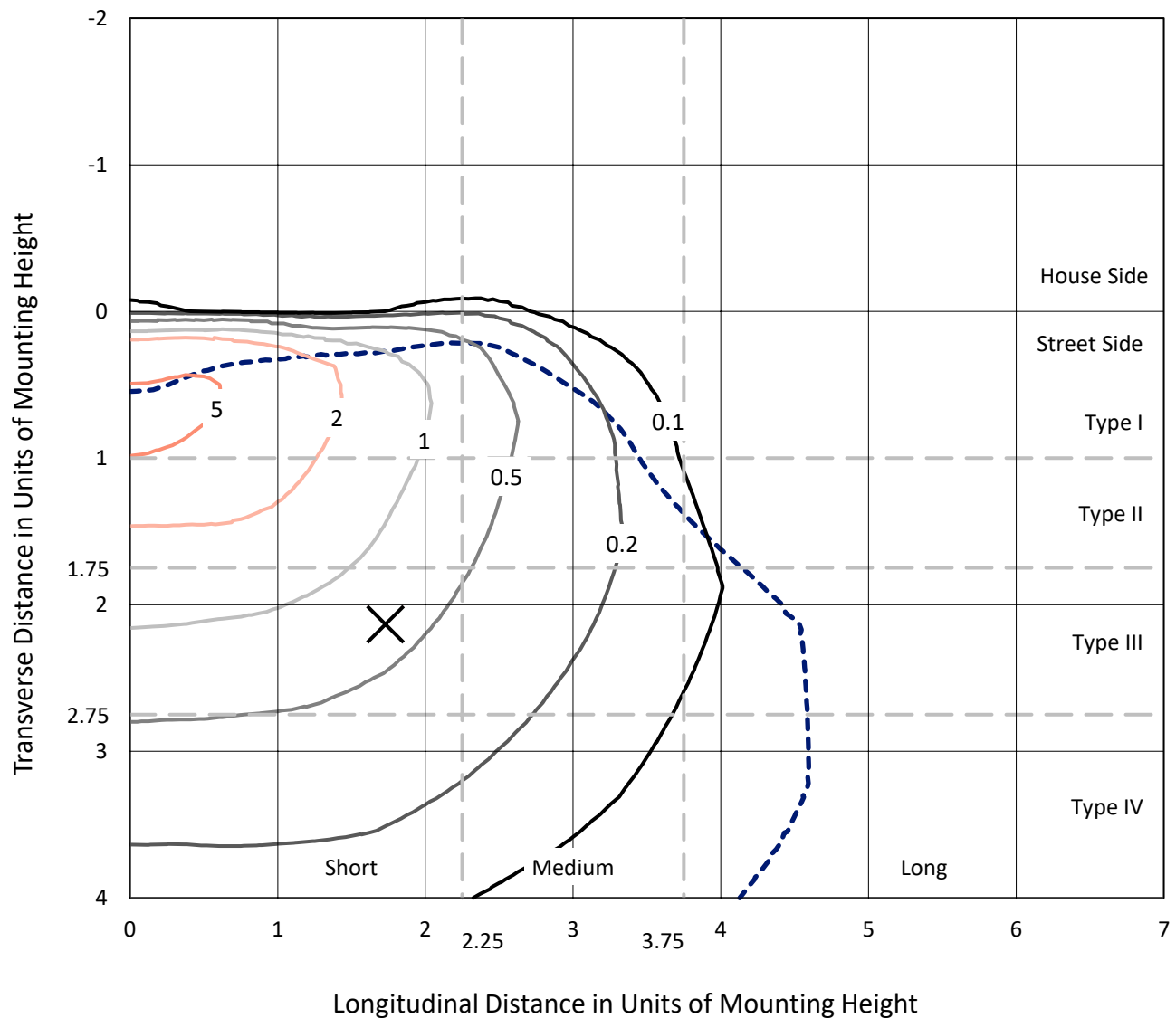


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

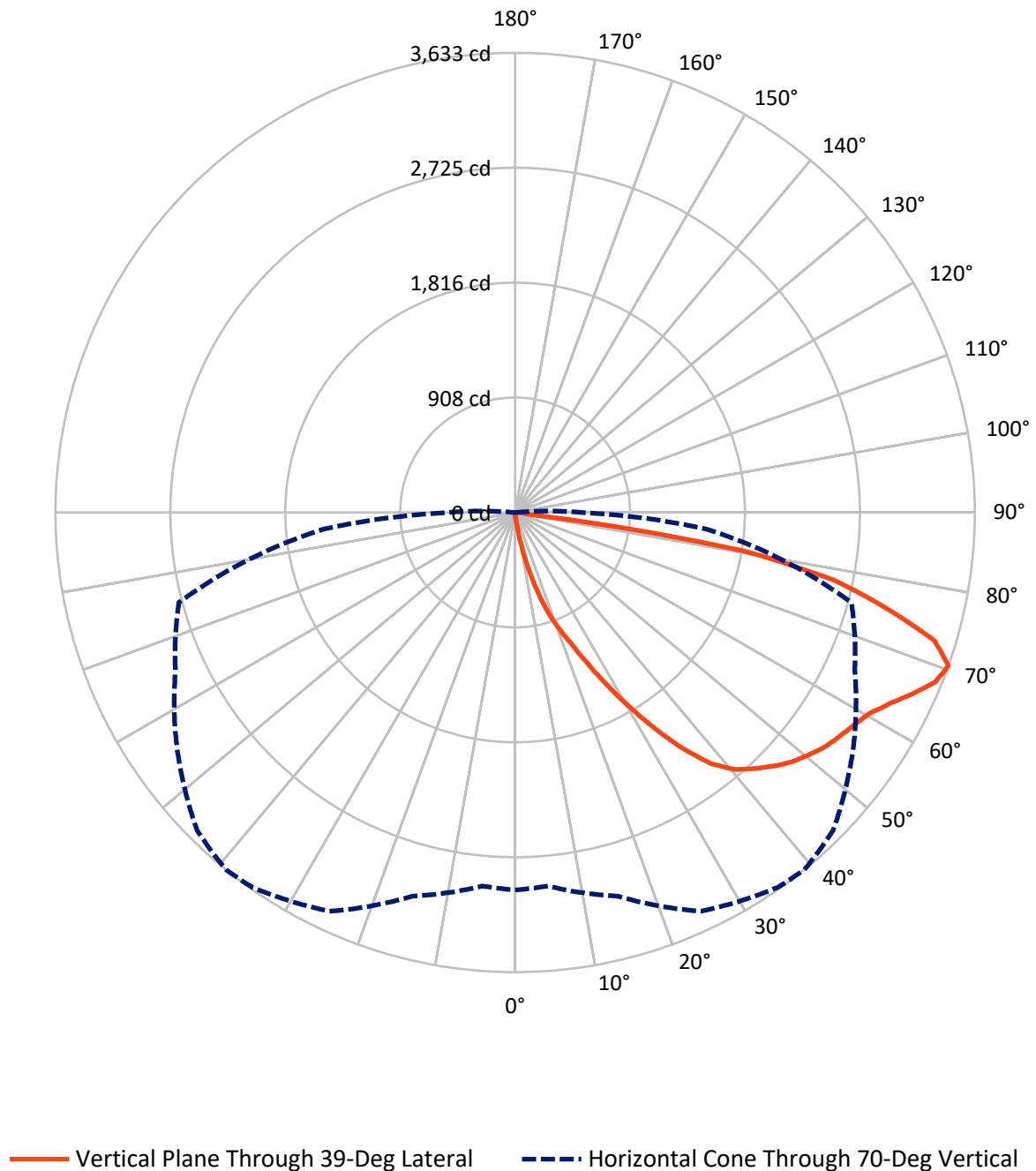


Based on 15 foot mounting height. Maximum calculated value = 6.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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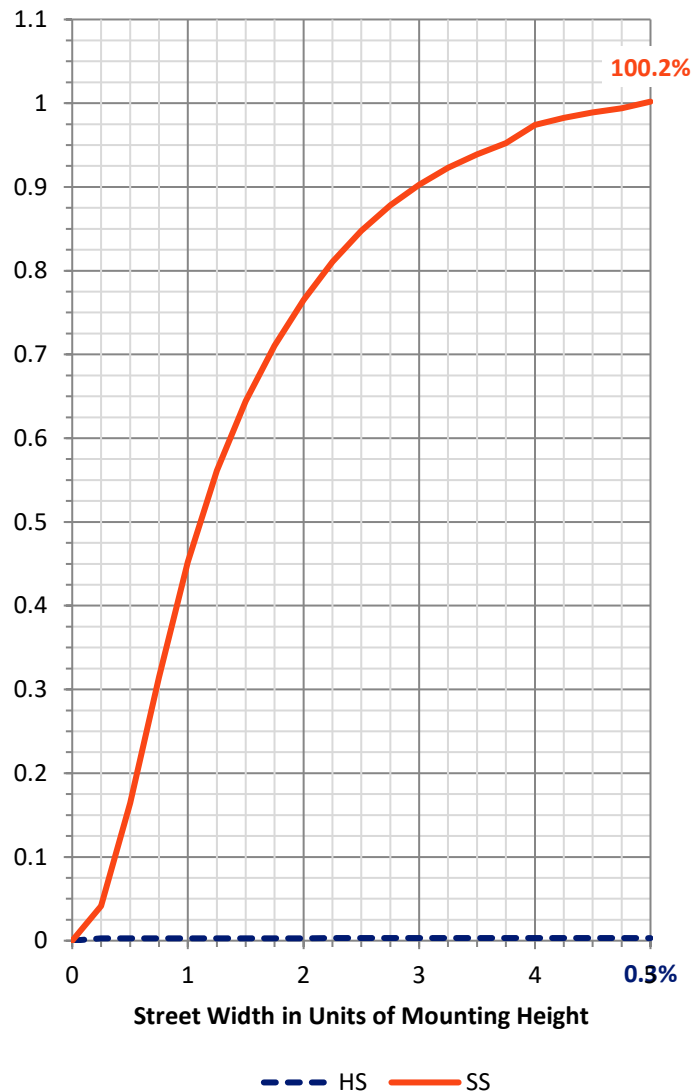
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.7	0.0	17.7
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	5717.8	0.0	5717.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	5735.5	0.0	5735.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.0	0.1
10°-20°	70.5	1.2
20°-30°	239.3	4.2
30°-40°	562.3	9.8
40°-50°	913.1	15.9
50°-60°	1157.1	20.2
60°-70°	1469.9	25.6
70°-80°	1194.3	20.8
80°-90°	123.0	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°	5735.5	100.0
0°-180°	5735.5	100.0



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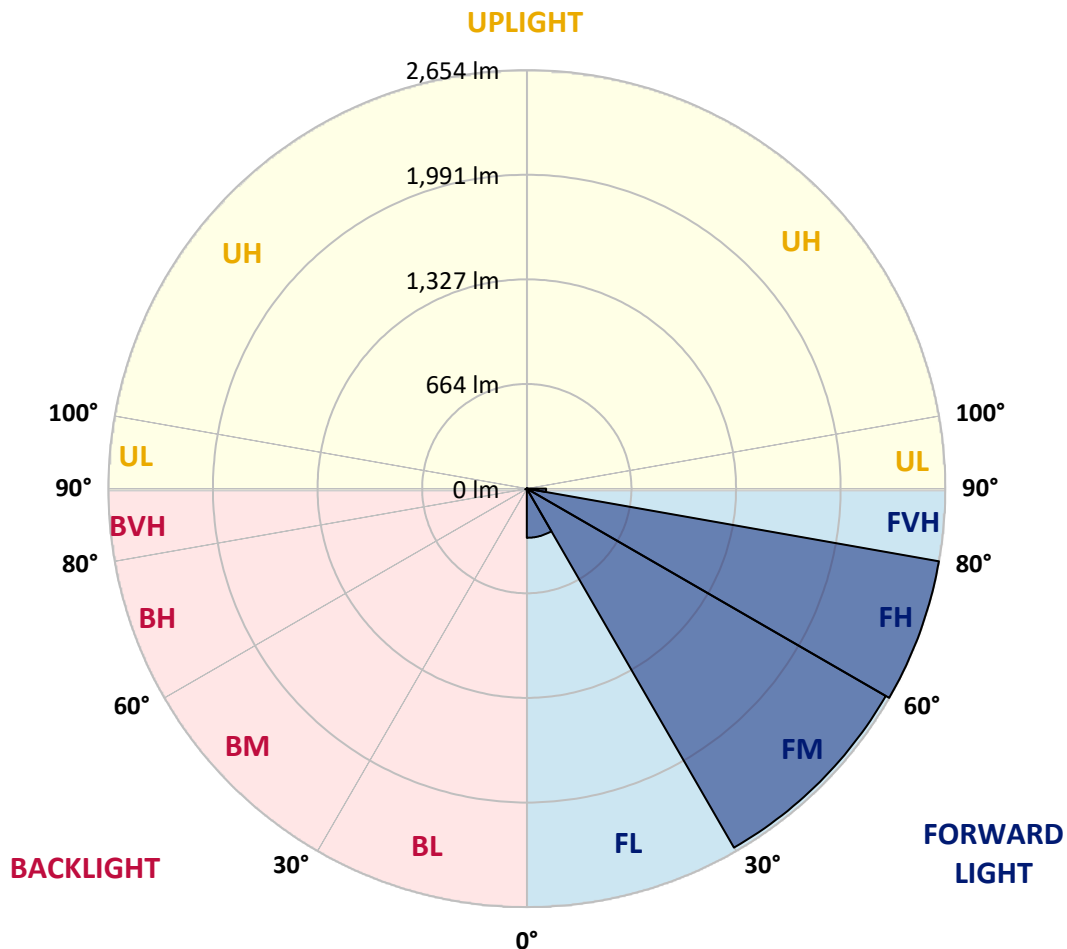
CATALOG NUMBER: NAV-SA1C-740-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	312.0	5.4			
FM	(30°-60°)	2629.2	45.8			
FH	(60°-80°)	2654.4	46.3			G2/5000
FVH	(80°-90°)	122.2	2.1			G2/225
BL	(0°-30°)	3.8	0.1	B0/110		
BM	(30°-60°)	3.4	0.1	B0/220		
BH	(60°-80°)	9.7	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
2.5°	40.5	40.5	40.5	38.9	38.9	37.4	37.4	35.8	34.3	34.3	32.7
5°	76.3	77.9	73.2	63.8	57.6	54.5	51.4	43.6	38.9	35.8	32.7
7.5°	208.7	202.4	193.1	161.9	124.6	105.9	90.3	63.8	46.7	37.4	32.7
10°	439.1	422.0	395.5	353.5	280.3	250.7	194.6	116.8	65.4	42.0	32.7
12.5°	644.7	647.8	615.1	574.6	485.8	436.0	359.7	219.6	102.8	49.8	32.7
15°	800.4	797.3	784.8	752.1	672.7	624.4	555.9	369.0	172.8	62.3	34.3
17.5°	923.4	910.9	906.3	892.3	840.9	814.4	739.7	543.5	274.1	84.1	35.8
20°	1046.4	1043.3	1038.6	1023.1	988.8	970.1	912.5	719.4	408.0	119.9	38.9
22.5°	1225.5	1208.4	1211.5	1177.2	1149.2	1116.5	1069.8	906.3	562.1	171.3	43.6
25°	1435.7	1434.2	1409.2	1393.7	1346.9	1311.1	1248.8	1086.9	733.4	247.6	48.3
27.5°	1683.3	1666.2	1655.3	1628.8	1580.5	1540.0	1454.4	1266.0	918.7	333.2	54.5
30°	1941.8	1941.8	1921.5	1881.1	1834.3	1784.5	1697.3	1454.4	1102.5	442.2	62.3
32.5°	2243.9	2250.1	2200.3	2139.5	2078.8	2044.6	1930.9	1667.7	1278.4	566.8	71.6
35°	2536.6	2528.8	2446.3	2379.4	2334.2	2296.8	2200.3	1901.3	1477.8	711.6	84.1
37.5°	2816.9	2796.7	2659.6	2564.7	2544.4	2519.5	2423.0	2134.9	1675.5	872.0	99.7
40°	3017.8	2986.6	2844.9	2714.1	2684.6	2670.5	2595.8	2346.6	1884.2	1051.1	119.9
42.5°	3105.0	3069.2	2971.1	2865.2	2799.8	2767.1	2701.7	2519.5	2092.8	1250.4	149.5
45°	3122.1	3094.1	3024.0	2999.1	2910.3	2860.5	2771.8	2642.5	2287.5	1448.2	190.0
47.5°	3059.8	3047.4	3005.3	3058.3	3013.1	2944.6	2837.2	2734.4	2460.3	1688.0	246.0
50°	2907.2	2897.9	2918.1	3056.7	3087.9	3010.0	2908.8	2806.0	2609.8	1935.6	325.4
52.5°	2701.7	2700.1	2795.1	3016.2	3120.6	3072.3	2978.9	2877.6	2728.2	2175.4	437.6
55°	2477.5	2503.9	2670.5	2978.9	3139.2	3117.4	3047.4	2941.5	2834.0	2398.0	618.2
57.5°	2458.8	2447.9	2608.3	2963.3	3150.1	3162.6	3115.9	3008.4	2924.4	2580.2	859.6
60°	2645.6	2620.7	2681.4	2996.0	3198.4	3220.2	3184.4	3059.8	3014.7	2723.5	1177.2
62.5°	2862.1	2838.7	2869.9	3122.1	3293.4	3324.6	3279.4	3112.8	3087.9	2823.1	1518.2
65°	3034.9	3016.2	3075.4	3310.5	3425.8	3452.2	3421.1	3210.9	3120.6	2904.1	1795.4
67.5°	3062.9	3039.6	3162.6	3436.7	3559.7	3578.4	3553.5	3305.9	3109.7	2910.3	1859.3
70°	2983.5	2963.3	3139.2	3477.2	3617.3	3632.9	3553.5	3260.7	2961.7	2751.5	1519.8
72.5°	2739.1	2754.6	2982.0	3379.1	3537.9	3466.3	3298.1	3033.4	2770.2	2332.6	1066.7
75°	2359.1	2376.2	2678.3	3109.7	3122.1	3034.9	2944.6	2790.4	2479.0	1536.9	739.7
77.5°	1677.1	1616.3	2067.9	2567.8	2522.6	2578.7	2586.5	2321.7	2075.7	800.4	495.2
80°	165.1	140.1	260.0	736.5	1627.2	1818.8	1893.5	1789.2	1530.7	358.1	260.0
82.5°	35.8	35.8	38.9	42.0	65.4	98.1	450.0	1102.5	988.8	182.2	84.1
85°	20.2	20.2	24.9	29.6	38.9	43.6	51.4	68.5	266.3	65.4	15.6
87.5°	15.6	17.1	20.2	24.9	32.7	35.8	43.6	54.5	67.0	60.7	4.7
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°	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
2.5°	32.7	31.1	29.6	28.0	26.5	26.5	24.9	24.9	24.9	24.9	24.9
5°	31.1	29.6	28.0	24.9	23.4	21.8	20.2	20.2	20.2	20.2	20.2
7.5°	31.1	29.6	26.5	23.4	20.2	18.7	17.1	15.6	15.6	17.1	17.1
10°	31.1	28.0	23.4	20.2	17.1	15.6	14.0	12.5	12.5	12.5	12.5
12.5°	29.6	26.5	21.8	18.7	15.6	12.5	9.3	7.8	7.8	7.8	7.8
15°	28.0	24.9	20.2	15.6	10.9	7.8	6.2	4.7	4.7	4.7	4.7
17.5°	28.0	23.4	18.7	14.0	7.8	4.7	3.1	1.6	1.6	1.6	3.1
20°	28.0	23.4	17.1	10.9	4.7	3.1	3.1	1.6	0.0	1.6	1.6
22.5°	28.0	21.8	14.0	7.8	4.7	3.1	1.6	0.0	0.0	0.0	0.0
25°	29.6	21.8	12.5	6.2	3.1	1.6	0.0	0.0	0.0	0.0	0.0
27.5°	29.6	20.2	10.9	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0
30°	31.1	20.2	9.3	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	31.1	18.7	6.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	31.1	17.1	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	31.1	15.6	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	32.7	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	34.3	12.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	35.8	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	40.5	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	46.7	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	56.1	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	73.2	9.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	105.9	9.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	177.5	9.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	311.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	526.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	686.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	521.7	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	249.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	110.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	48.3	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	18.7	3.1	1.6	1.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0
82.5°	7.8	3.1	1.6	1.6	1.6	1.6	1.6	0.0	0.0	0.0	0.0
85°	4.7	3.1	3.1	3.1	1.6	1.6	1.6	0.0	0.0	0.0	0.0
87.5°	3.1	3.1	3.1	3.1	3.1	1.6	1.6	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

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 4000K 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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$



Color Vector Graphics



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

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)