

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: P1067393

Luminaire Tested: **NAV-SA2A-740-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067393
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2A-740-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7191.6 lumens
Efficiency: N/A
Efficacy: 130.0 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

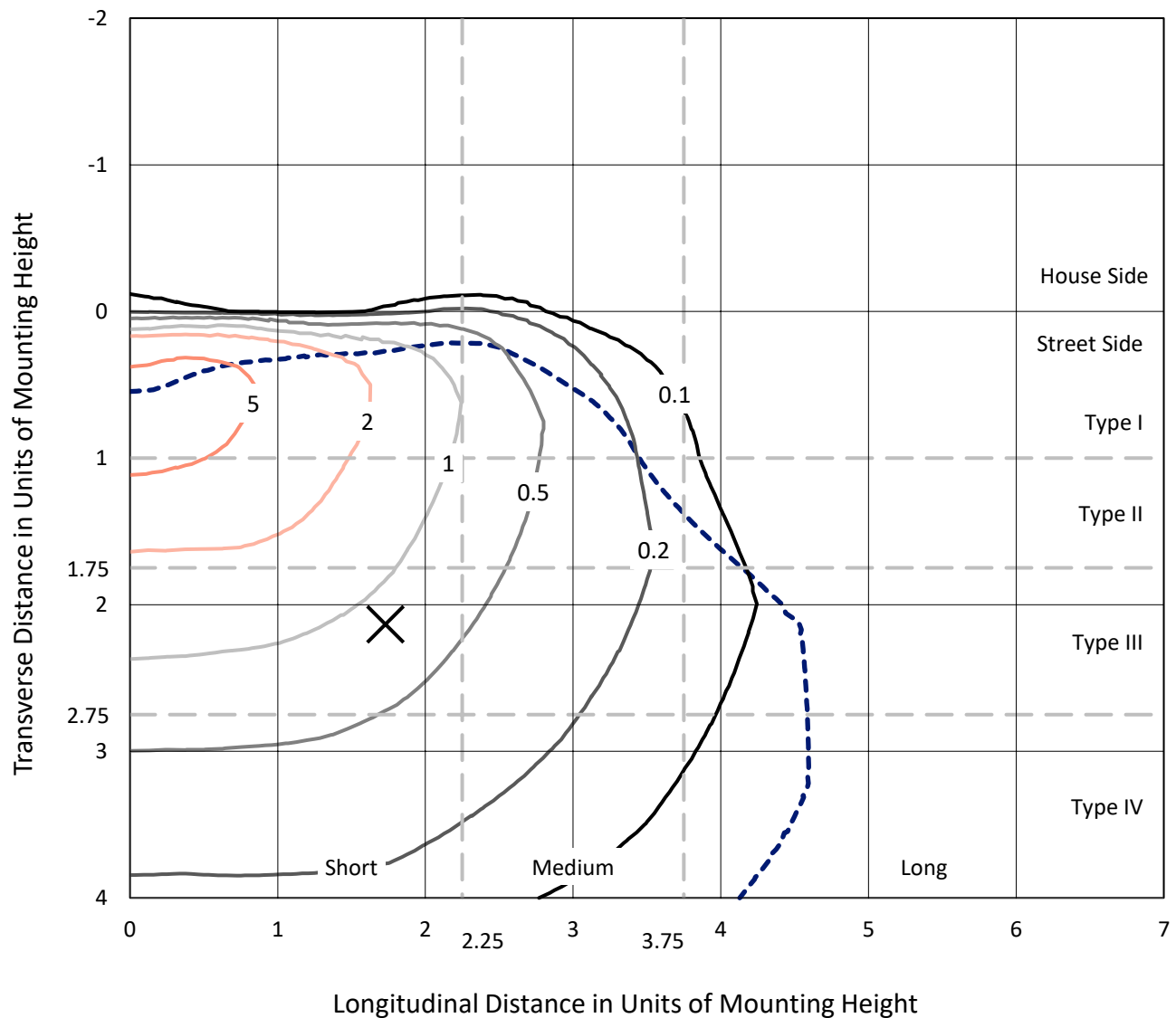


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

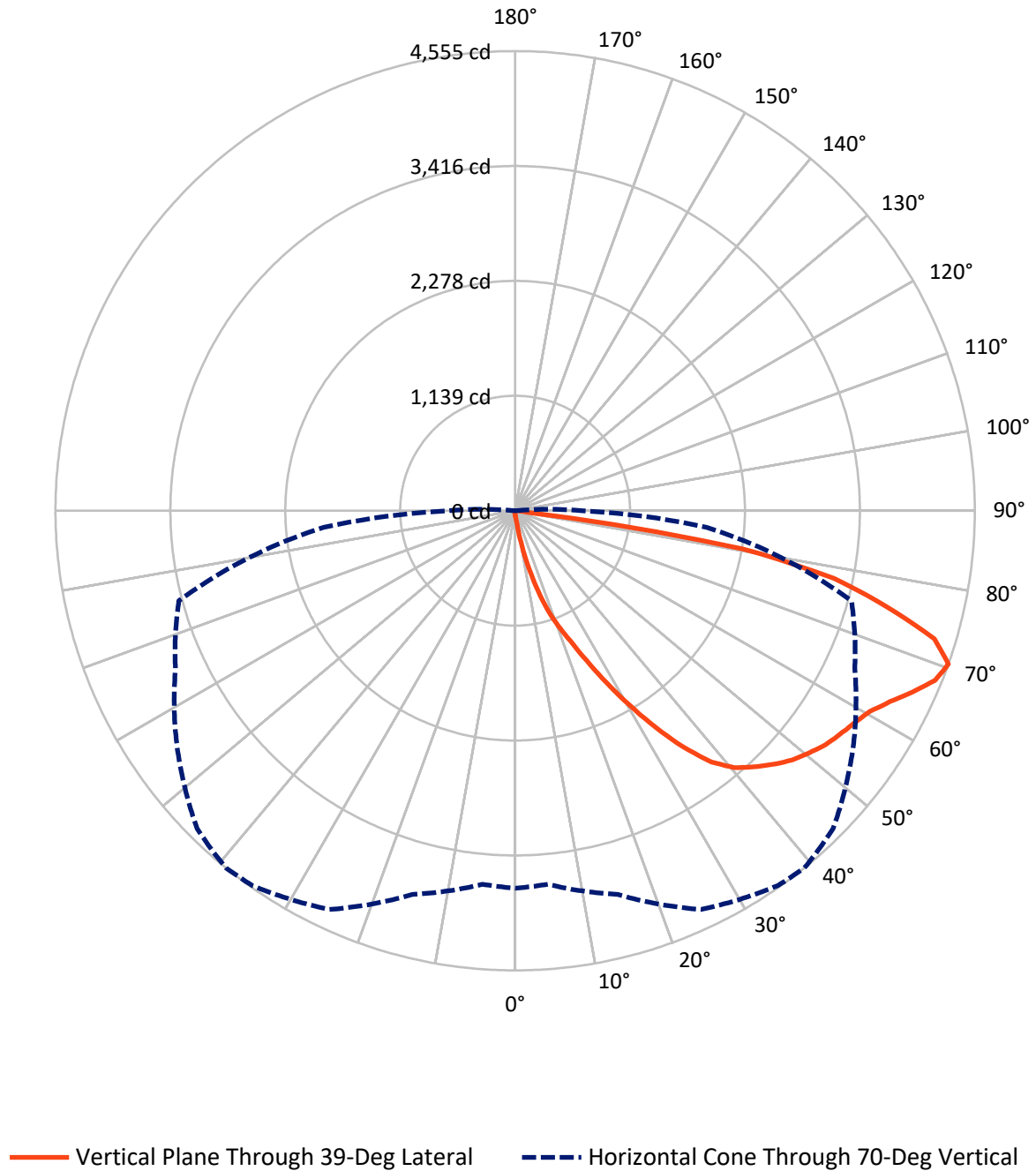


Based on 15 foot mounting height. Maximum calculated value = 7.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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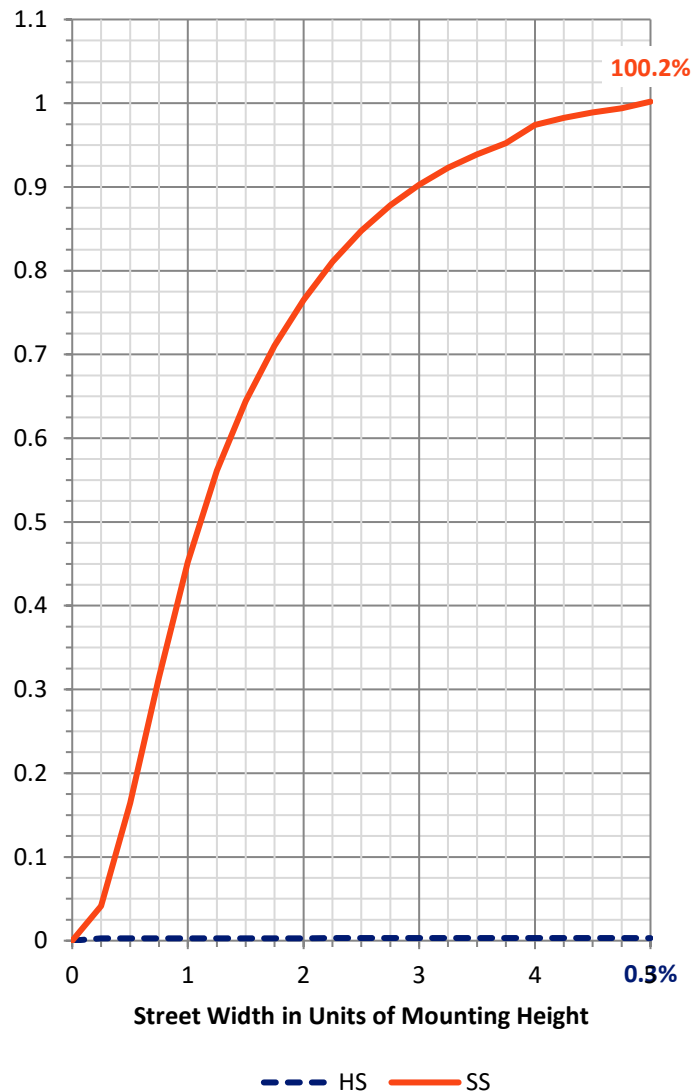
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.2	0.0	22.2
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	7169.4	0.0	7169.4
	% Fixture	99.7	0.0	99.7
Total	Lumens	7191.6	0.0	7191.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.6	0.1
10°-20°	88.4	1.2
20°-30°	300.0	4.2
30°-40°	705.1	9.8
40°-50°	1145.0	15.9
50°-60°	1450.9	20.2
60°-70°	1843.0	25.6
70°-80°	1497.4	20.8
80°-90°	154.2	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°	7191.6	100.0
0°-180°	7191.6	100.0



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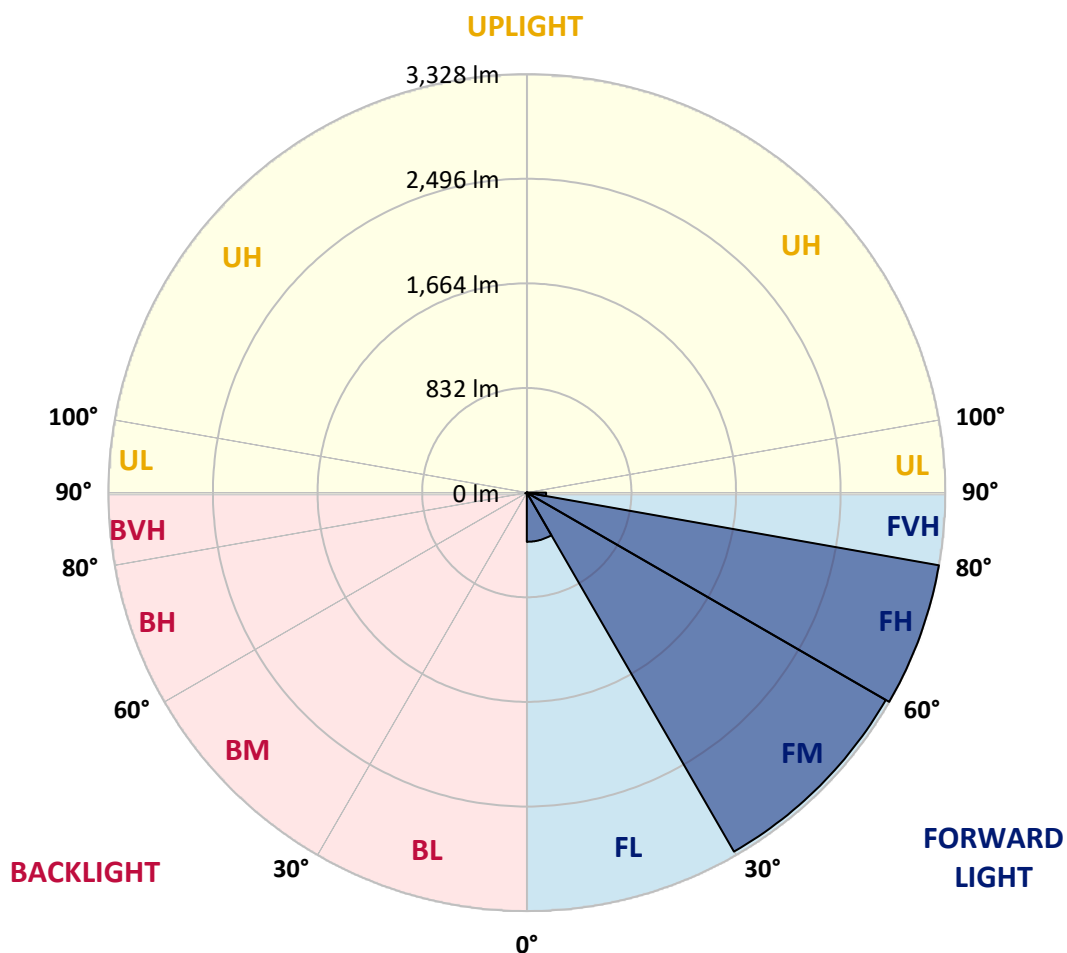
CATALOG NUMBER: NAV-SA2A-740-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	391.2	5.4			
FM	(30°-60°)	3296.7	45.8			
FH	(60°-80°)	3328.3	46.3			G2/5000
FVH	(80°-90°)	153.3	2.1			G2/225
BL	(0°-30°)	4.8	0.1	B0/110		
BM	(30°-60°)	4.3	0.1	B0/220		
BH	(60°-80°)	12.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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: P1067393

CATALOG NUMBER: NAV-SA2A-740-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	50.8	50.8	50.8	48.8	48.8	46.9	46.9	44.9	43.0	43.0	41.0
5°	95.7	97.6	91.8	80.1	72.2	68.3	64.4	54.7	48.8	44.9	41.0
7.5°	261.6	253.8	242.1	203.1	156.2	132.8	113.2	80.1	58.6	46.9	41.0
10°	550.6	529.1	495.9	443.2	351.4	314.4	244.1	146.4	82.0	52.7	41.0
12.5°	808.3	812.2	771.2	720.5	609.2	546.7	451.0	275.3	128.9	62.5	41.0
15°	1003.6	999.7	984.1	943.1	843.5	782.9	697.0	462.7	216.7	78.1	43.0
17.5°	1157.8	1142.2	1136.4	1118.8	1054.3	1021.2	927.4	681.4	343.6	105.4	44.9
20°	1312.1	1308.2	1302.3	1282.8	1239.8	1216.4	1144.2	902.1	511.6	150.3	48.8
22.5°	1536.6	1515.1	1519.0	1476.1	1440.9	1399.9	1341.4	1136.4	704.9	214.8	54.7
25°	1800.2	1798.2	1767.0	1747.5	1688.9	1644.0	1565.9	1362.8	919.6	310.4	60.5
27.5°	2110.6	2089.2	2075.5	2042.3	1981.8	1931.0	1823.6	1587.4	1152.0	417.8	68.3
30°	2434.8	2434.8	2409.4	2358.6	2300.0	2237.6	2128.2	1823.6	1382.4	554.5	78.1
32.5°	2813.5	2821.4	2758.9	2682.7	2606.6	2563.6	2421.1	2091.1	1603.0	710.7	89.8
35°	3180.6	3170.8	3067.4	2983.4	2926.8	2879.9	2758.9	2384.0	1852.9	892.3	105.4
37.5°	3532.1	3506.7	3334.9	3215.8	3190.4	3159.1	3038.1	2676.9	2100.9	1093.4	125.0
40°	3783.9	3744.9	3567.2	3403.2	3366.1	3348.5	3254.8	2942.4	2362.5	1317.9	150.3
42.5°	3893.3	3848.4	3725.4	3592.6	3510.6	3469.6	3387.6	3159.1	2624.2	1567.9	187.4
45°	3914.7	3879.6	3791.7	3760.5	3649.2	3586.7	3475.4	3313.4	2868.2	1815.8	238.2
47.5°	3836.6	3821.0	3768.3	3834.7	3778.1	3692.2	3557.4	3428.6	3084.9	2116.5	308.5
50°	3645.3	3633.6	3659.0	3832.7	3871.8	3774.2	3647.3	3518.4	3272.4	2426.9	408.1
52.5°	3387.6	3385.6	3504.7	3782.0	3912.8	3852.3	3735.1	3608.2	3420.8	2727.6	548.7
55°	3106.4	3139.6	3348.5	3735.1	3936.2	3908.9	3821.0	3688.3	3553.5	3006.8	775.1
57.5°	3083.0	3069.3	3270.4	3715.6	3949.9	3965.5	3906.9	3772.2	3666.8	3235.3	1077.8
60°	3317.3	3286.0	3362.2	3756.6	4010.4	4037.8	3992.8	3836.6	3780.0	3414.9	1476.1
62.5°	3588.7	3559.4	3598.4	3914.7	4129.5	4168.6	4112.0	3903.0	3871.8	3539.9	1903.7
65°	3805.4	3782.0	3856.2	4151.0	4295.5	4328.7	4289.6	4026.0	3912.8	3641.4	2251.2
67.5°	3840.6	3811.3	3965.5	4309.2	4463.4	4486.8	4455.6	4145.1	3899.1	3649.2	2331.3
70°	3741.0	3715.6	3936.2	4359.9	4535.6	4555.2	4455.6	4088.5	3713.6	3450.1	1905.6
72.5°	3434.4	3454.0	3739.0	4236.9	4436.1	4346.2	4135.4	3803.5	3473.5	2924.8	1337.5
75°	2958.0	2979.5	3358.3	3899.1	3914.7	3805.4	3692.2	3498.9	3108.4	1927.1	927.4
77.5°	2102.8	2026.7	2592.9	3219.7	3163.0	3233.3	3243.1	2911.2	2602.7	1003.6	620.9
80°	207.0	175.7	326.1	923.5	2040.4	2280.5	2374.2	2243.4	1919.3	449.1	326.1
82.5°	44.9	44.9	48.8	52.7	82.0	123.0	564.3	1382.4	1239.8	228.4	105.4
85°	25.4	25.4	31.2	37.1	48.8	54.7	64.4	85.9	333.9	82.0	19.5
87.5°	19.5	21.5	25.4	31.2	41.0	44.9	54.7	68.3	84.0	76.1	5.9
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°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	41.0	39.0	37.1	35.1	33.2	33.2	31.2	31.2	31.2	31.2	31.2
5°	39.0	37.1	35.1	31.2	29.3	27.3	25.4	25.4	25.4	25.4	25.4
7.5°	39.0	37.1	33.2	29.3	25.4	23.4	21.5	19.5	19.5	21.5	21.5
10°	39.0	35.1	29.3	25.4	21.5	19.5	17.6	15.6	15.6	15.6	15.6
12.5°	37.1	33.2	27.3	23.4	19.5	15.6	11.7	9.8	9.8	9.8	9.8
15°	35.1	31.2	25.4	19.5	13.7	9.8	7.8	5.9	5.9	5.9	5.9
17.5°	35.1	29.3	23.4	17.6	9.8	5.9	3.9	2.0	2.0	2.0	3.9
20°	35.1	29.3	21.5	13.7	5.9	3.9	3.9	2.0	0.0	2.0	2.0
22.5°	35.1	27.3	17.6	9.8	5.9	3.9	2.0	0.0	0.0	0.0	0.0
25°	37.1	27.3	15.6	7.8	3.9	2.0	0.0	0.0	0.0	0.0	0.0
27.5°	37.1	25.4	13.7	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	39.0	25.4	11.7	3.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	39.0	23.4	7.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	39.0	21.5	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	39.0	19.5	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	41.0	17.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	43.0	15.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	44.9	13.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	50.8	13.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	58.6	13.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	70.3	13.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	91.8	11.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	132.8	11.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	222.6	11.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	390.5	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	659.9	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	861.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	654.1	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	312.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	138.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	60.5	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	23.4	3.9	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0
82.5°	9.8	3.9	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0
85°	5.9	3.9	3.9	3.9	2.0	2.0	2.0	0.0	0.0	0.0	0.0
87.5°	3.9	3.9	3.9	3.9	3.9	2.0	2.0	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

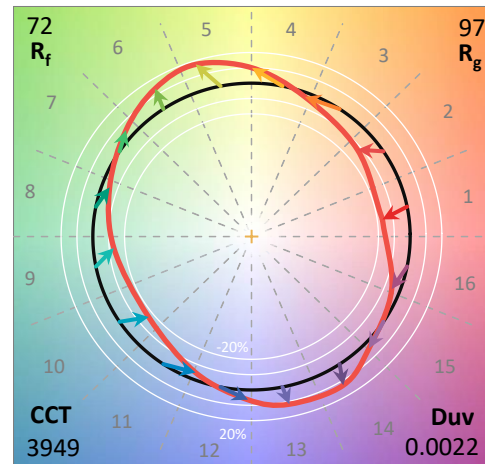
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

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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



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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	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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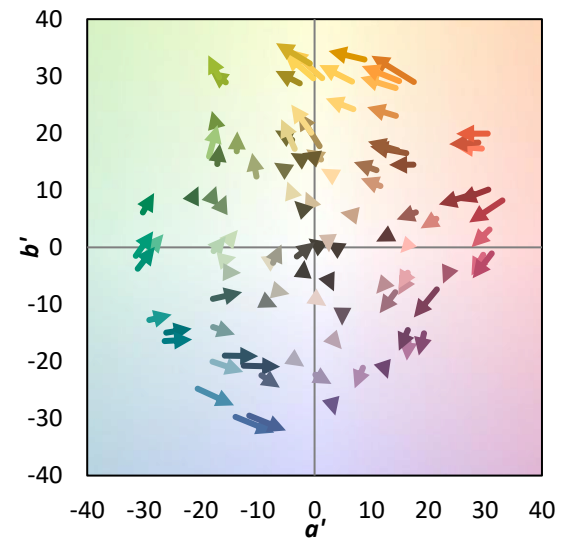
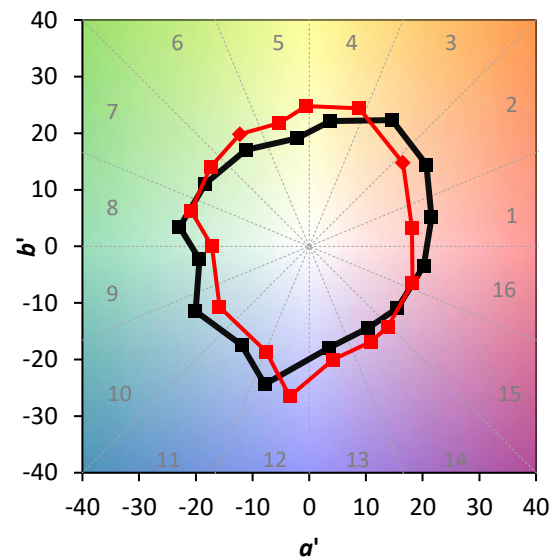
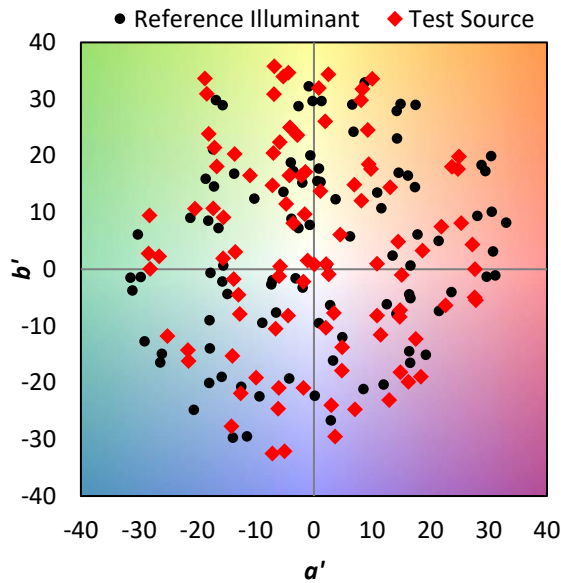
TM-30-18

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 ($R_{f,i}$)

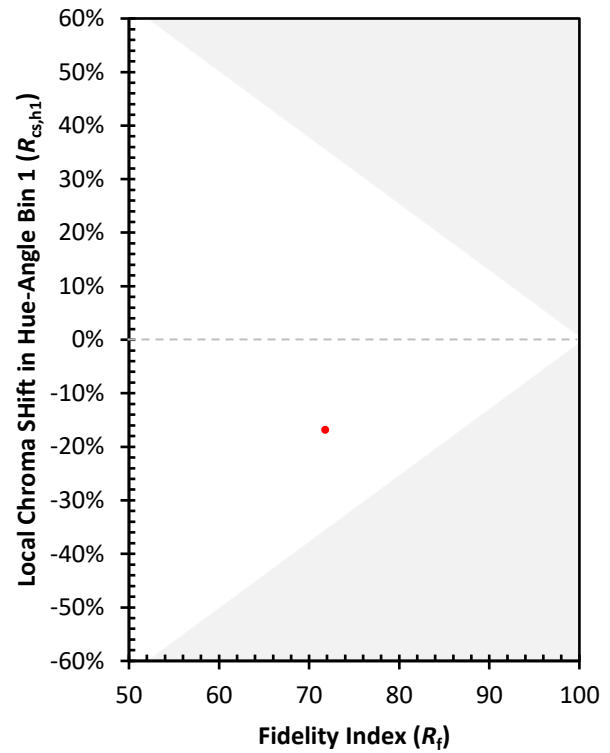
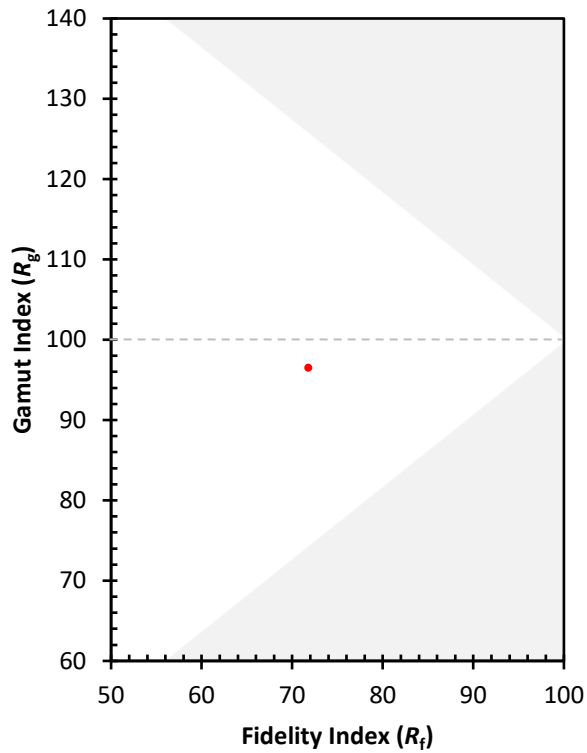
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CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 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)