

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: P1067158

Luminaire Tested: **NAV-SA3B-740-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067158
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3B-740-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13201.5 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 106.2
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

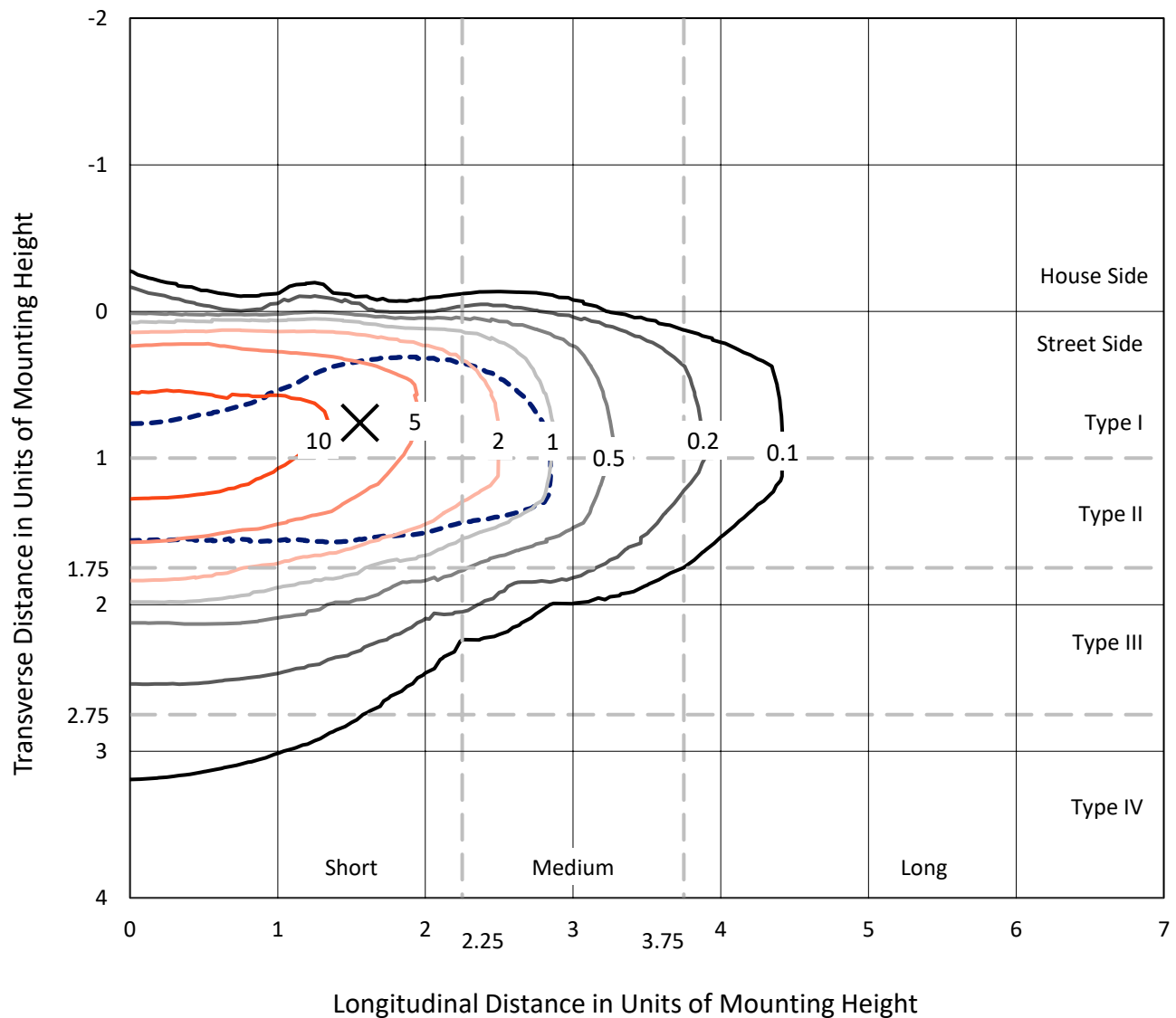


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

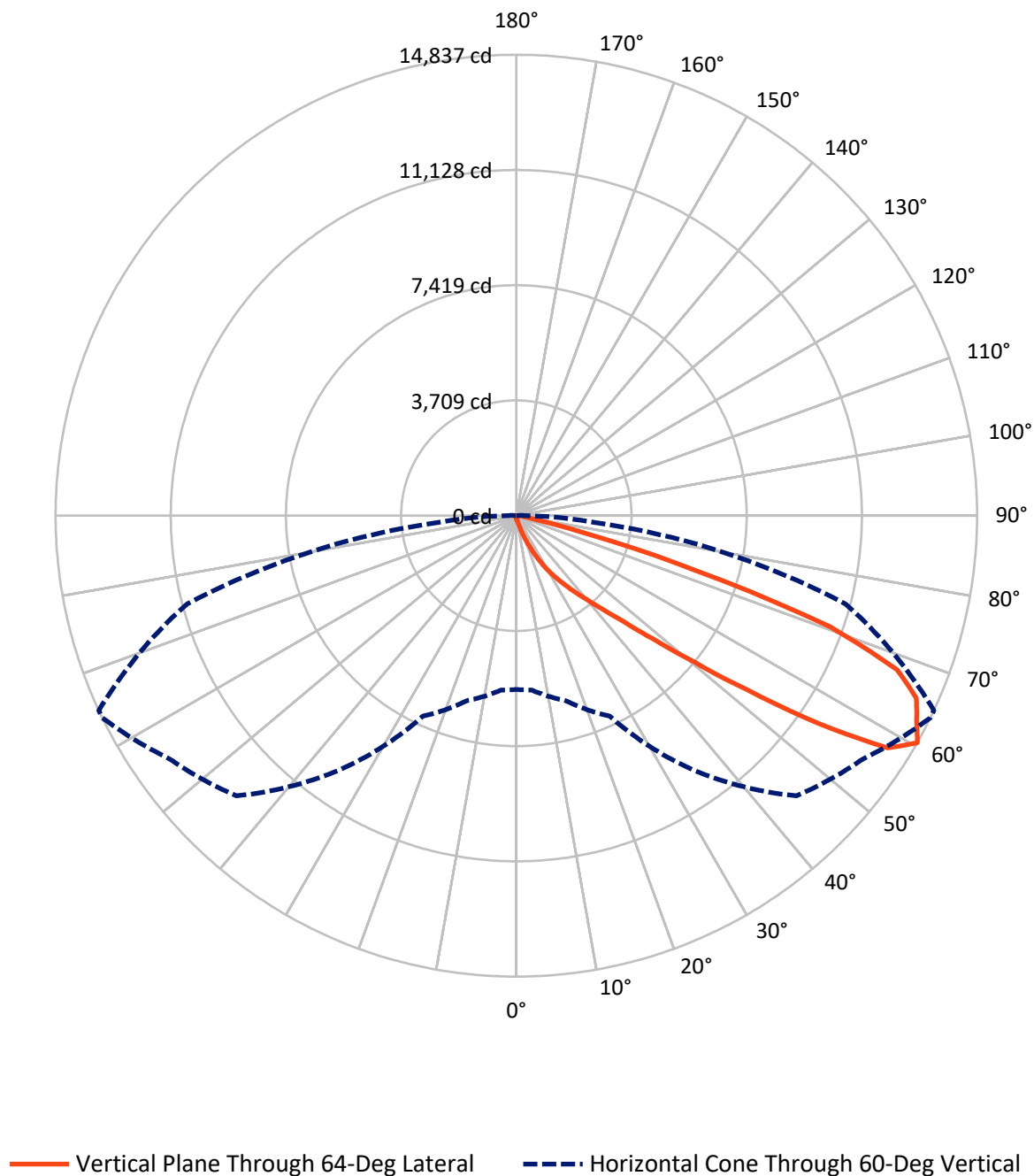


Based on 15 foot mounting height. Maximum calculated value = 18.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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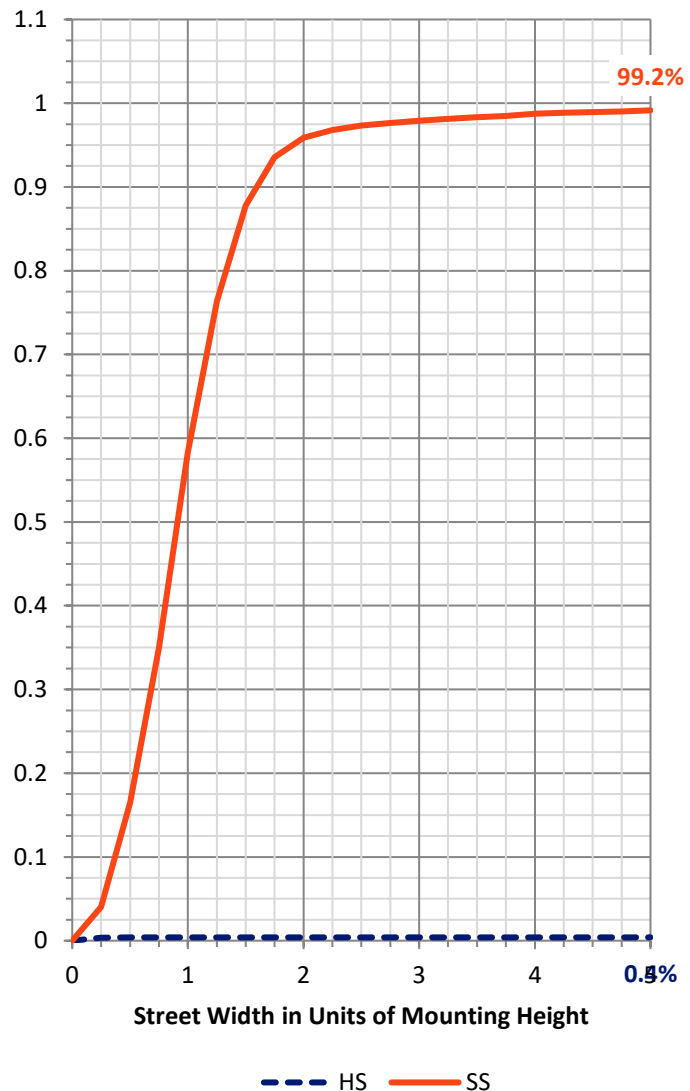
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	53.5	0.0	53.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13148.0	0.0	13148.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	13201.5	0.0	13201.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	0.1
10°-20°	129.7	1.0
20°-30°	430.9	3.3
30°-40°	1149.7	8.7
40°-50°	2922.2	22.1
50°-60°	4259.9	32.3
60°-70°	3290.4	24.9
70°-80°	903.6	6.8
80°-90°	102.0	0.8
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°	13201.5	100.0
0°-180°	13201.5	100.0



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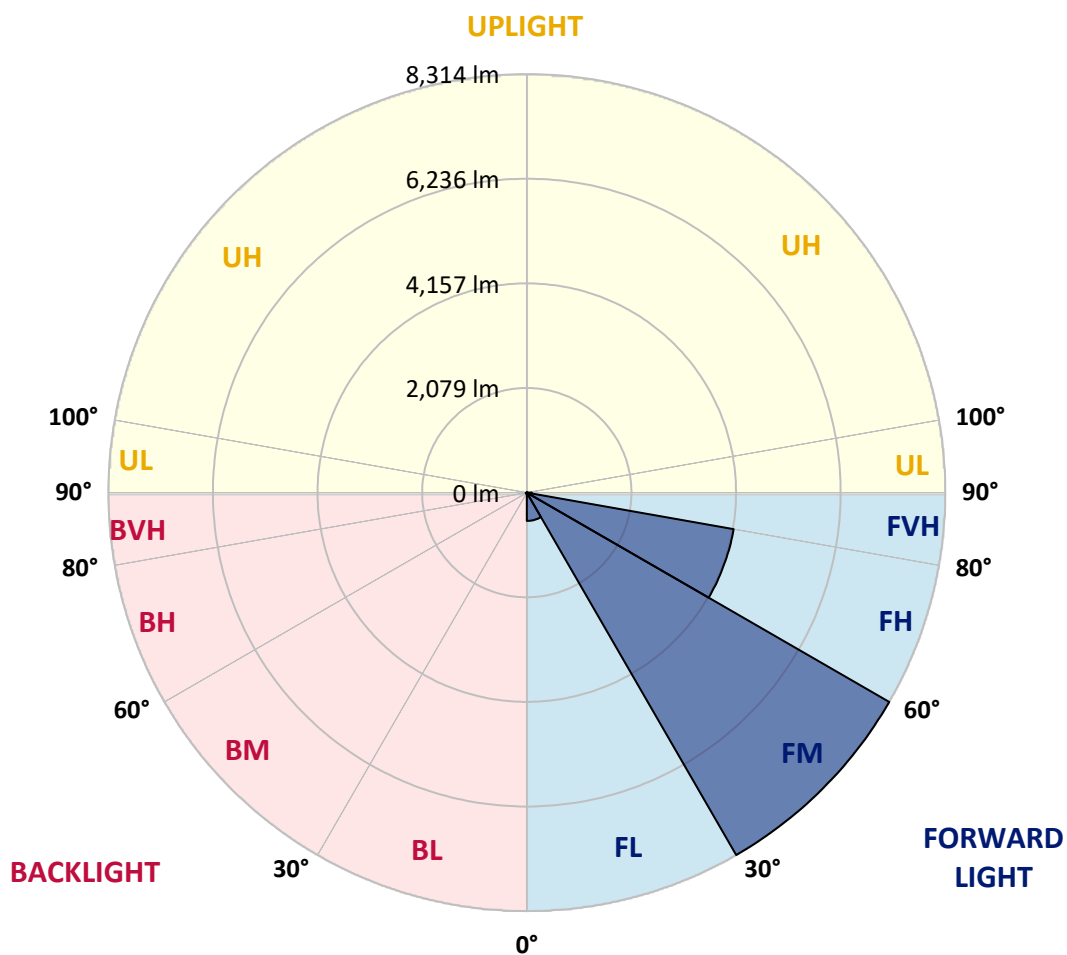
CATALOG NUMBER: NAV-SA3B-740-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	561.7	4.3			
FM	(30°-60°)	8314.1	63.0			
FH	(60°-80°)	4172.6	31.6			G2/5000
FVH	(80°-90°)	99.6	0.8			G1/100
BL	(0°-30°)	12.0	0.1	B0/110		
BM	(30°-60°)	17.7	0.1	B0/220		
BH	(60°-80°)	21.3	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-G2

Type II Short



REPORT NUMBER: P1067158

CATALOG NUMBER: NAV-SA3B-740-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
2.5°	116.3	116.3	116.3	112.7	109.0	109.0	105.4	101.7	101.7	94.5	90.8
5°	178.1	178.1	170.8	163.5	152.6	138.1	123.6	112.7	112.7	101.7	94.5
7.5°	348.9	359.8	327.1	287.1	232.6	196.2	156.3	130.8	127.2	109.0	94.5
10°	755.9	748.6	697.7	599.6	472.4	341.6	218.0	159.9	152.6	116.3	94.5
12.5°	1137.4	1148.3	1093.8	984.8	832.2	606.9	374.3	207.1	199.9	127.2	94.5
15°	1464.5	1464.5	1428.1	1373.6	1206.5	970.3	603.2	308.9	283.4	138.1	90.8
17.5°	1689.8	1686.1	1671.6	1657.1	1558.9	1315.5	923.0	494.2	436.1	163.5	90.8
20°	1944.1	1933.2	1951.4	1922.3	1846.0	1653.4	1261.0	734.1	679.5	207.1	90.8
22.5°	2209.4	2220.3	2234.9	2205.8	2122.2	1955.0	1617.1	1042.9	984.8	287.1	94.5
25°	2547.4	2540.1	2572.8	2547.4	2442.0	2245.8	1951.4	1380.9	1297.3	399.7	101.7
27.5°	2961.6	2947.1	2968.9	2903.5	2765.4	2565.5	2249.4	1726.1	1628.0	574.2	116.3
30°	3510.4	3521.3	3423.1	3346.8	3150.6	2885.3	2580.1	2096.8	1995.0	781.3	130.8
32.5°	4375.2	4298.9	4146.3	3837.4	3579.4	3241.4	2910.8	2420.2	2329.3	1046.6	152.6
35°	5723.4	5737.9	5403.6	4640.5	4080.9	3688.4	3274.2	2776.3	2710.9	1348.2	181.7
37.5°	7365.9	7326.0	7031.6	6068.6	4814.9	4244.4	3688.4	3165.1	3070.7	1675.2	218.0
40°	9226.5	9059.3	8888.5	8234.4	6344.8	4942.1	4211.7	3615.7	3543.1	2053.2	276.2
42.5°	10716.4	10672.8	10701.9	10429.3	8895.8	6130.4	4905.8	4168.1	4080.9	2521.9	377.9
45°	11450.5	11388.7	11563.1	11766.6	11374.1	8659.6	6025.0	4873.1	4756.8	3074.3	534.2
47.5°	11254.2	11210.6	11584.9	11984.6	12507.9	11592.2	7852.9	5926.9	5727.0	3782.9	766.8
50°	10287.6	10291.2	10905.4	11650.3	12478.9	13078.4	10560.1	7369.6	7118.8	4724.1	1130.1
52.5°	9346.4	9375.5	10026.0	11112.5	12046.4	13252.9	12936.7	9313.7	8906.7	5832.4	1558.9
55°	8379.8	8394.3	8968.5	10498.4	11842.9	12733.2	14157.7	11817.5	11385.0	7213.3	1976.8
57.5°	7449.5	7449.5	7663.9	9023.0	11621.2	12686.0	14012.4	14106.8	13754.4	8790.4	2285.7
60°	5596.2	5632.6	6166.7	7118.8	10022.3	12755.0	13641.7	14837.3	14837.3	10978.0	2521.9
62.5°	2827.2	2881.7	3546.7	4473.3	6875.4	11802.9	13699.8	14470.2	14528.4	12907.7	3059.8
65°	1326.4	1388.2	1744.3	2398.4	3699.3	8307.1	13096.6	14157.7	14139.5	12540.6	4193.5
67.5°	952.1	970.3	1090.2	1399.1	1991.4	3641.2	9996.9	13223.8	13231.1	10654.6	4822.2
70°	854.0	854.0	883.0	973.9	1199.2	1628.0	4858.5	10709.1	11228.8	8227.2	4469.7
72.5°	843.1	835.8	828.5	832.2	810.4	817.6	1668.0	6046.8	6788.1	5756.1	3564.9
75°	821.3	821.3	814.0	788.6	646.8	526.9	574.2	2445.6	2827.2	3844.7	2645.5
77.5°	650.5	715.9	792.2	745.0	592.3	396.1	334.3	708.6	893.9	2358.4	1918.7
80°	301.6	305.2	301.6	316.2	377.9	283.4	247.1	345.2	348.9	1308.2	1188.3
82.5°	218.0	221.7	210.8	189.0	167.2	152.6	203.5	254.4	272.5	599.6	443.3
85°	65.4	61.8	72.7	98.1	116.3	134.5	170.8	214.4	225.3	221.7	65.4
87.5°	29.1	29.1	36.3	50.9	69.0	101.7	149.0	196.2	199.9	228.9	18.2
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°	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
2.5°	90.8	87.2	83.6	79.9	76.3	72.7	69.0	69.0	72.7	72.7	72.7
5°	87.2	83.6	76.3	69.0	65.4	61.8	58.1	58.1	61.8	61.8	61.8
7.5°	87.2	79.9	72.7	65.4	58.1	54.5	50.9	50.9	50.9	54.5	54.5
10°	87.2	79.9	69.0	58.1	50.9	47.2	43.6	40.0	43.6	43.6	43.6
12.5°	83.6	76.3	65.4	54.5	43.6	36.3	32.7	32.7	32.7	32.7	32.7
15°	79.9	72.7	61.8	47.2	36.3	29.1	21.8	21.8	21.8	25.4	25.4
17.5°	76.3	69.0	54.5	36.3	25.4	18.2	14.5	14.5	14.5	18.2	18.2
20°	76.3	65.4	47.2	29.1	18.2	10.9	7.3	7.3	7.3	10.9	14.5
22.5°	76.3	65.4	43.6	21.8	10.9	7.3	3.6	3.6	3.6	3.6	3.6
25°	76.3	61.8	40.0	18.2	7.3	3.6	0.0	0.0	3.6	7.3	10.9
27.5°	76.3	58.1	32.7	10.9	7.3	3.6	0.0	3.6	7.3	7.3	7.3
30°	76.3	58.1	29.1	10.9	3.6	0.0	0.0	3.6	7.3	7.3	10.9
32.5°	79.9	54.5	25.4	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	83.6	50.9	21.8	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	90.8	50.9	14.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	101.7	54.5	14.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	127.2	58.1	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	178.1	72.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	261.6	109.0	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	381.6	149.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	468.8	149.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	465.1	94.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	356.1	65.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	301.6	47.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	363.4	36.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	646.8	32.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1039.3	32.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1162.9	32.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	908.5	29.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	497.8	25.4	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	250.7	18.2	7.3	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	105.4	14.5	7.3	3.6	3.6	3.6	0.0	0.0	0.0	0.0	0.0
82.5°	36.3	14.5	7.3	7.3	3.6	3.6	0.0	0.0	0.0	0.0	0.0
85°	18.2	10.9	10.9	7.3	7.3	3.6	3.6	0.0	0.0	0.0	0.0
87.5°	10.9	10.9	10.9	7.3	7.3	3.6	3.6	0.0	0.0	0.0	3.6
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

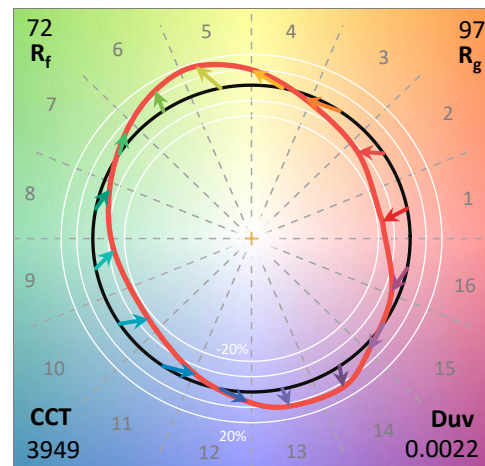
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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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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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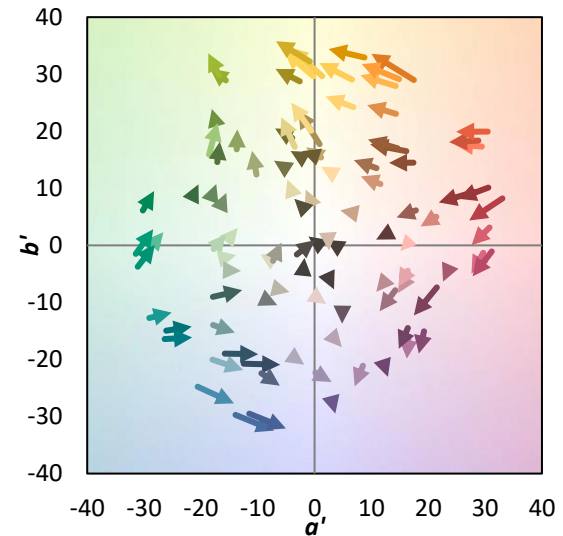
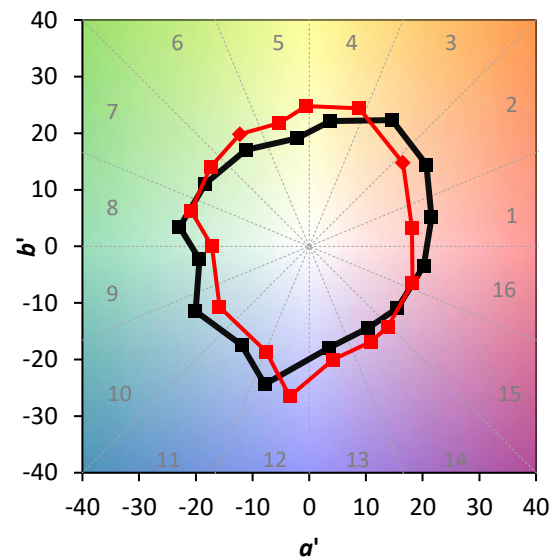
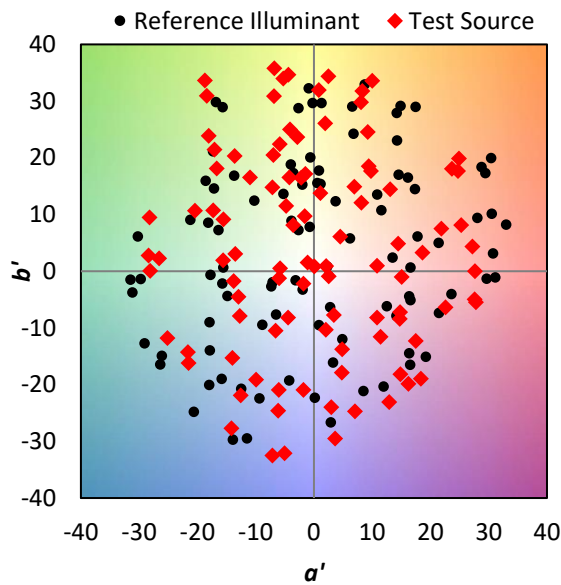
TM-30-18

Summary

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



Color Vector Graphics



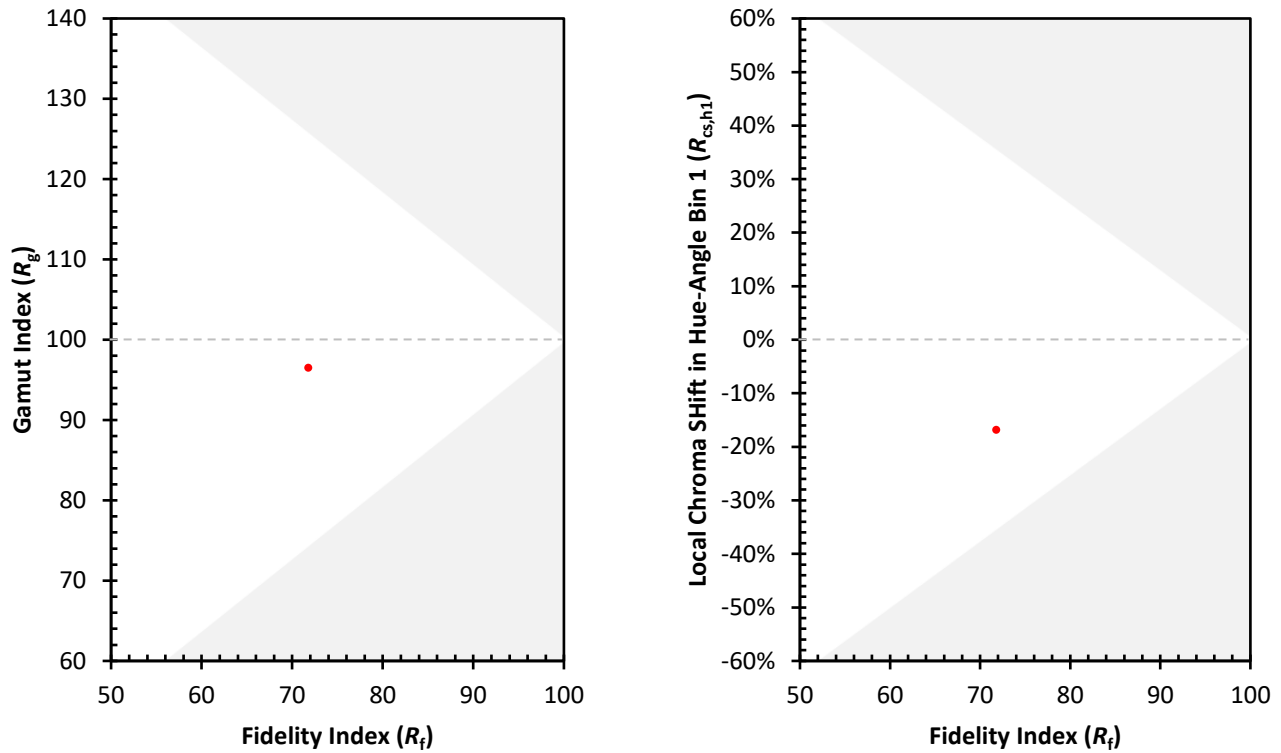
Individual Sample Fidelity Index ($R_{f,i}$)

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)