

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: P1067248

Luminaire Tested: **NAV-SA1D-735-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067248
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1D-735-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 1xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5823.9 lumens
Efficiency: N/A
Efficacy: 103.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 56.5
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

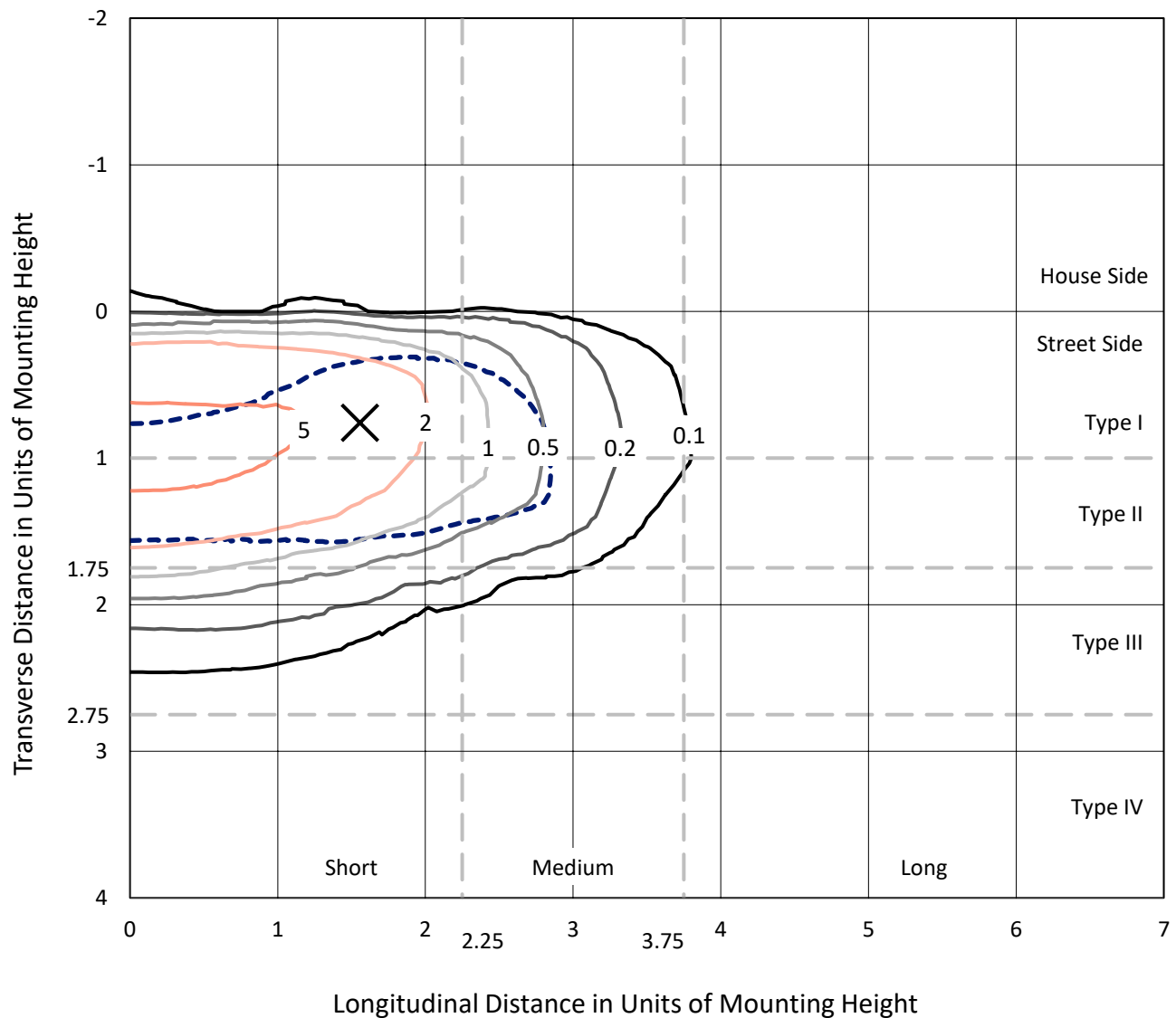


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

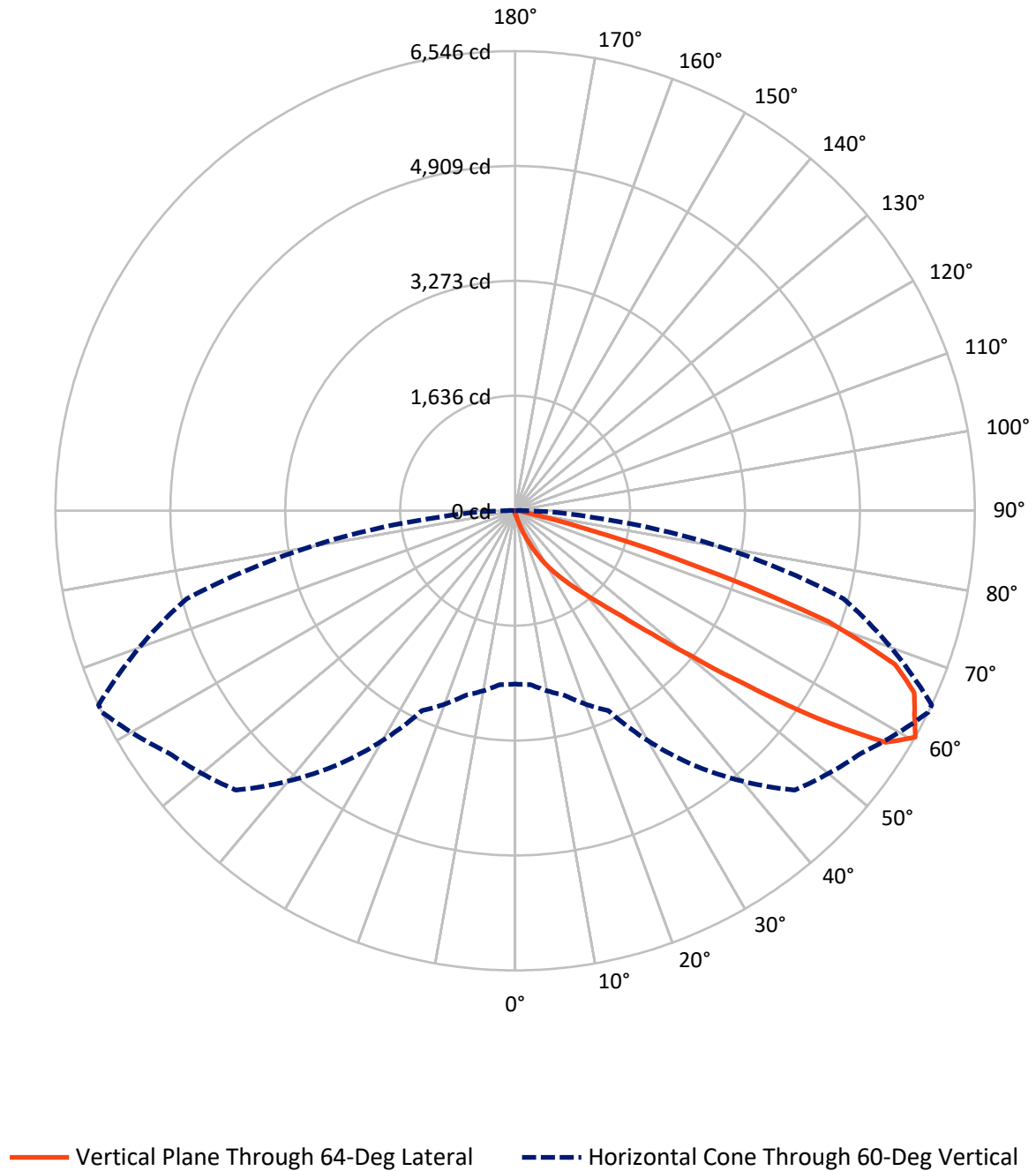


Based on 15 foot mounting height. Maximum calculated value = 8.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	23.6	0.0	23.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5800.3	0.0	5800.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	5823.9	0.0	5823.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.8	0.1
10°-20°	57.2	1.0
20°-30°	190.1	3.3
30°-40°	507.2	8.7
40°-50°	1289.1	22.1
50°-60°	1879.3	32.3
60°-70°	1451.6	24.9
70°-80°	398.6	6.8
80°-90°	45.0	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°	5823.9	100.0
0°-180°	5823.9	100.0



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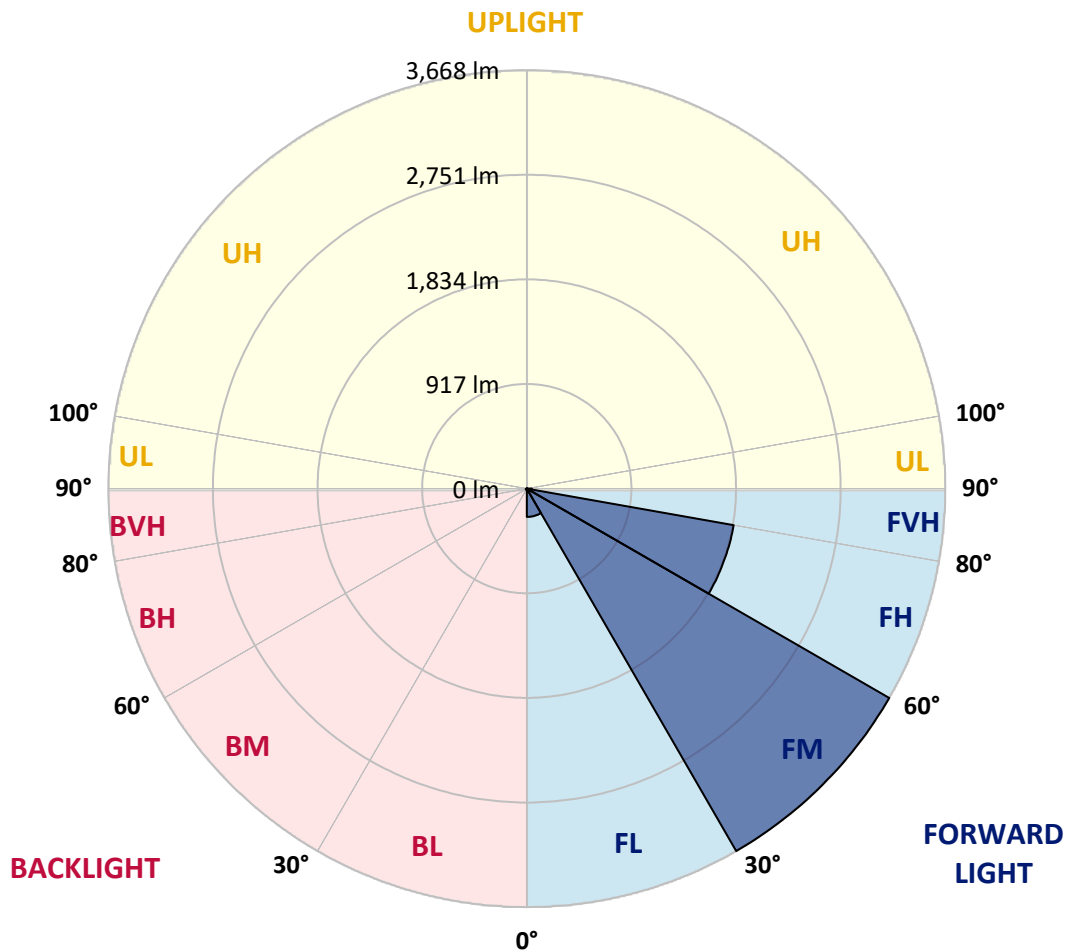
CATALOG NUMBER: NAV-SA1D-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	247.8	4.3			
FM	(30°-60°)	3667.8	63.0			
FH	(60°-80°)	1840.8	31.6			G2/5000
FVH	(80°-90°)	43.9	0.8			G1/100
BL	(0°-30°)	5.3	0.1	B0/110		
BM	(30°-60°)	7.8	0.1	B0/220		
BH	(60°-80°)	9.4	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
2.5°	51.3	51.3	51.3	49.7	48.1	48.1	46.5	44.9	44.9	41.7	40.1
5°	78.6	78.6	75.3	72.1	67.3	60.9	54.5	49.7	49.7	44.9	41.7
7.5°	153.9	158.7	144.3	126.6	102.6	86.6	68.9	57.7	56.1	48.1	41.7
10°	333.4	330.2	307.8	264.5	208.4	150.7	96.2	70.5	67.3	51.3	41.7
12.5°	501.8	506.6	482.5	434.4	367.1	267.7	165.1	91.4	88.2	56.1	41.7
15°	646.1	646.1	630.0	606.0	532.2	428.0	266.1	136.3	125.0	60.9	40.1
17.5°	745.4	743.8	737.4	731.0	687.7	580.3	407.2	218.0	192.4	72.1	40.1
20°	857.7	852.9	860.9	848.0	814.4	729.4	556.3	323.8	299.8	91.4	40.1
22.5°	974.7	979.5	985.9	973.1	936.2	862.5	713.4	460.1	434.4	126.6	41.7
25°	1123.8	1120.6	1135.0	1123.8	1077.3	990.7	860.9	609.2	572.3	176.3	44.9
27.5°	1306.5	1300.1	1309.7	1280.9	1220.0	1131.8	992.3	761.5	718.2	253.3	51.3
30°	1548.6	1553.4	1510.1	1476.5	1389.9	1272.9	1138.2	925.0	880.1	344.7	57.7
32.5°	1930.1	1896.5	1829.1	1692.9	1579.1	1430.0	1284.1	1067.7	1027.6	461.7	67.3
35°	2524.9	2531.3	2383.8	2047.2	1800.3	1627.2	1444.4	1224.8	1195.9	594.8	80.2
37.5°	3249.5	3231.9	3102.0	2677.2	2124.1	1872.4	1627.2	1396.3	1354.6	739.0	96.2
40°	4070.3	3996.5	3921.2	3632.6	2799.0	2180.2	1858.0	1595.1	1563.0	905.8	121.8
42.5°	4727.6	4708.3	4721.2	4600.9	3924.4	2704.4	2164.2	1838.8	1800.3	1112.6	166.7
45°	5051.4	5024.1	5101.1	5190.9	5017.7	3820.2	2658.0	2149.8	2098.5	1356.2	235.7
47.5°	4964.8	4945.6	5110.7	5287.0	5517.9	5113.9	3464.3	2614.7	2526.5	1668.8	338.3
50°	4538.4	4540.0	4810.9	5139.6	5505.1	5769.6	4658.6	3251.1	3140.5	2084.0	498.6
52.5°	4123.2	4136.0	4423.0	4902.3	5314.3	5846.5	5707.1	4108.8	3929.2	2573.0	687.7
55°	3696.8	3703.2	3956.5	4631.4	5224.5	5617.3	6245.7	5213.3	5022.5	3182.2	872.1
57.5°	3286.4	3286.4	3381.0	3980.5	5126.7	5596.4	6181.6	6223.3	6067.8	3877.9	1008.4
60°	2468.8	2484.8	2720.5	3140.5	4421.4	5626.9	6018.1	6545.5	6545.5	4843.0	1112.6
62.5°	1247.2	1271.3	1564.6	1973.4	3033.1	5206.9	6043.7	6383.6	6409.2	5694.2	1349.8
65°	585.1	612.4	769.5	1058.1	1632.0	3664.7	5777.6	6245.7	6237.7	5532.3	1850.0
67.5°	420.0	428.0	480.9	617.2	878.5	1606.3	4410.1	5833.7	5836.9	4700.3	2127.3
70°	376.7	376.7	389.6	429.6	529.0	718.2	2143.4	4724.4	4953.6	3629.4	1971.8
72.5°	371.9	368.7	365.5	367.1	357.5	360.7	735.8	2667.6	2994.6	2539.3	1572.6
75°	362.3	362.3	359.1	347.9	285.4	232.5	253.3	1078.9	1247.2	1696.1	1167.1
77.5°	287.0	315.8	349.5	328.6	261.3	174.7	147.5	312.6	394.4	1040.4	846.4
80°	133.1	134.7	133.1	139.5	166.7	125.0	109.0	152.3	153.9	577.1	524.2
82.5°	96.2	97.8	93.0	83.4	73.7	67.3	89.8	112.2	120.2	264.5	195.6
85°	28.9	27.3	32.1	43.3	51.3	59.3	75.3	94.6	99.4	97.8	28.9
87.5°	12.8	12.8	16.0	22.4	30.5	44.9	65.7	86.6	88.2	101.0	8.0
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-SA1D-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
2.5°	40.1	38.5	36.9	35.3	33.7	32.1	30.5	30.5	32.1	32.1	32.1
5°	38.5	36.9	33.7	30.5	28.9	27.3	25.6	25.6	27.3	27.3	27.3
7.5°	38.5	35.3	32.1	28.9	25.6	24.0	22.4	22.4	22.4	24.0	24.0
10°	38.5	35.3	30.5	25.6	22.4	20.8	19.2	17.6	19.2	19.2	19.2
12.5°	36.9	33.7	28.9	24.0	19.2	16.0	14.4	14.4	14.4	14.4	14.4
15°	35.3	32.1	27.3	20.8	16.0	12.8	9.6	9.6	9.6	11.2	11.2
17.5°	33.7	30.5	24.0	16.0	11.2	8.0	6.4	6.4	6.4	8.0	8.0
20°	33.7	28.9	20.8	12.8	8.0	4.8	3.2	3.2	3.2	4.8	6.4
22.5°	33.7	28.9	19.2	9.6	4.8	3.2	1.6	1.6	1.6	1.6	1.6
25°	33.7	27.3	17.6	8.0	3.2	1.6	0.0	0.0	1.6	3.2	4.8
27.5°	33.7	25.6	14.4	4.8	3.2	1.6	0.0	1.6	3.2	3.2	3.2
30°	33.7	25.6	12.8	4.8	1.6	0.0	0.0	1.6	3.2	3.2	4.8
32.5°	35.3	24.0	11.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	36.9	22.4	9.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	40.1	22.4	6.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	44.9	24.0	6.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	56.1	25.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	78.6	32.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	115.4	48.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	168.3	65.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	206.8	65.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	205.2	41.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	157.1	28.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	133.1	20.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	160.3	16.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	285.4	14.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	458.5	14.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	513.0	14.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	400.8	12.8	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	219.6	11.2	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	110.6	8.0	3.2	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	46.5	6.4	3.2	1.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0
82.5°	16.0	6.4	3.2	3.2	1.6	1.6	0.0	0.0	0.0	0.0	0.0
85°	8.0	4.8	4.8	3.2	3.2	1.6	1.6	0.0	0.0	0.0	0.0
87.5°	4.8	4.8	4.8	3.2	3.2	1.6	1.6	0.0	0.0	0.0	1.6
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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

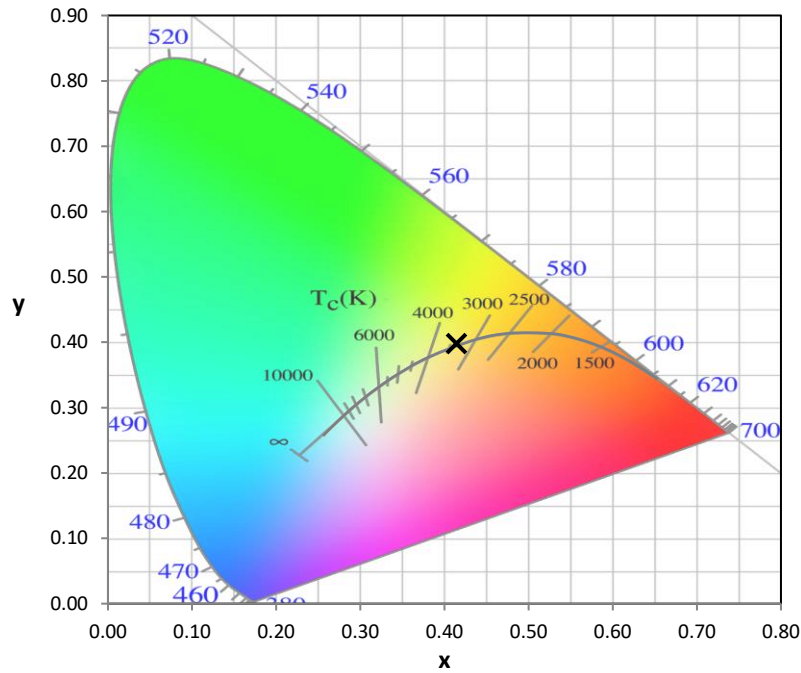
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

REPORT NUMBER: SP1-2407-184-5

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 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

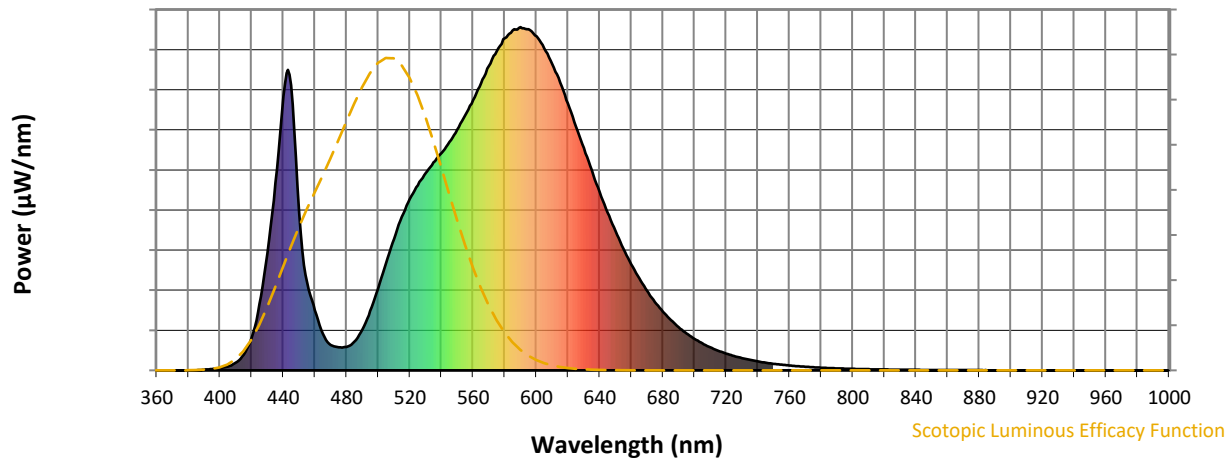


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $CIE R_a = 70.1$
 $R_g = -40.2$



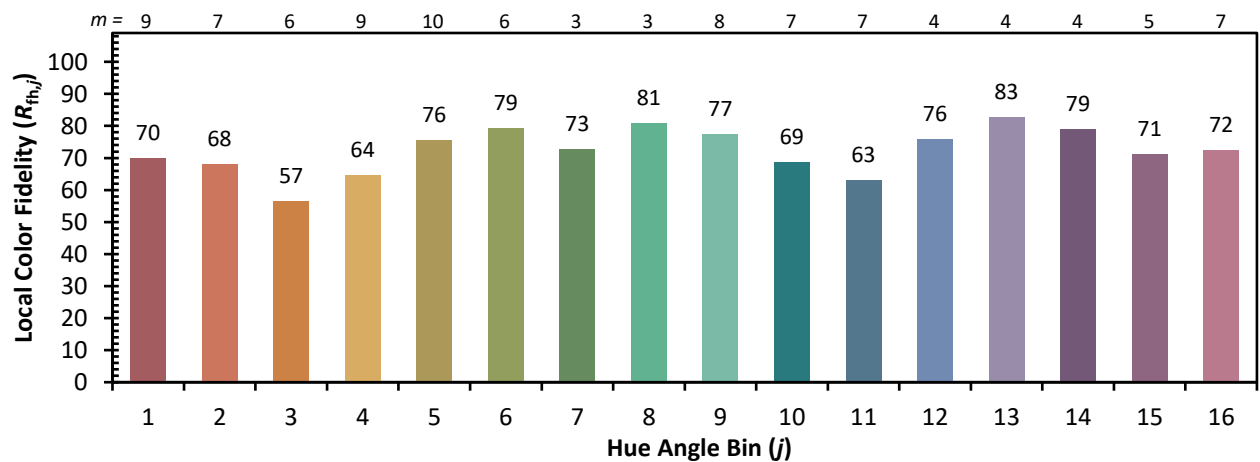
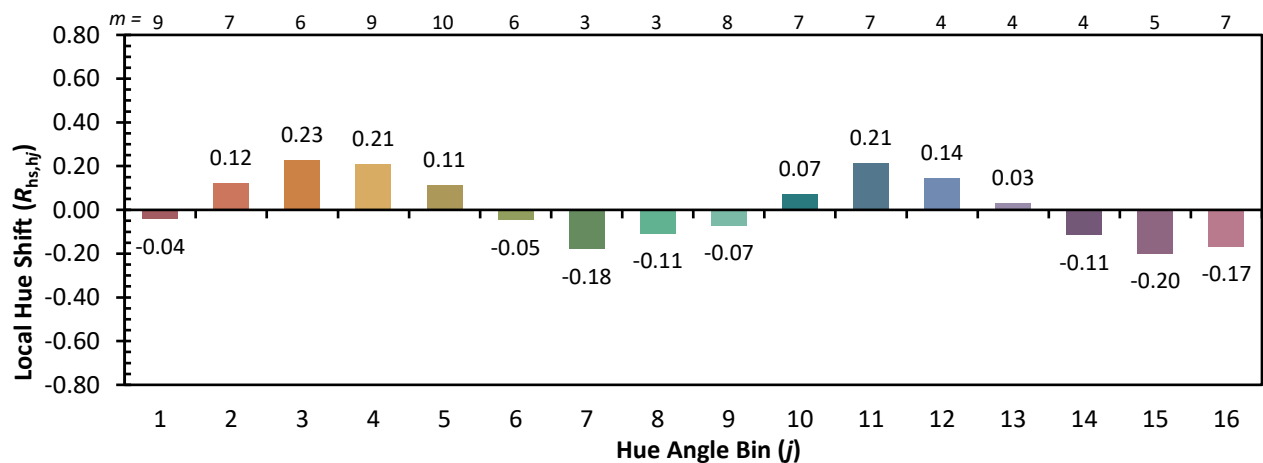
Color Vector Graphics



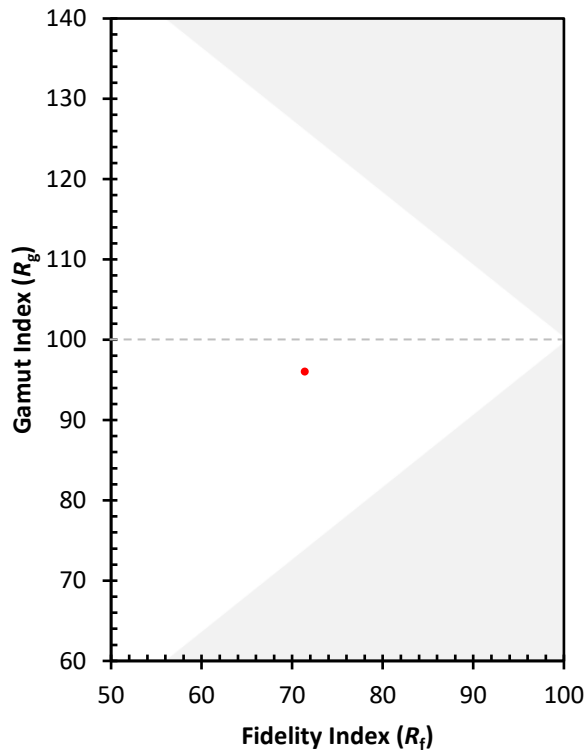
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)