

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: P1067519

Luminaire Tested: **NAV-SA3C-750-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067519
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3C-750-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16551.6 lumens
Efficiency: N/A
Efficacy: 117.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 140.4
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

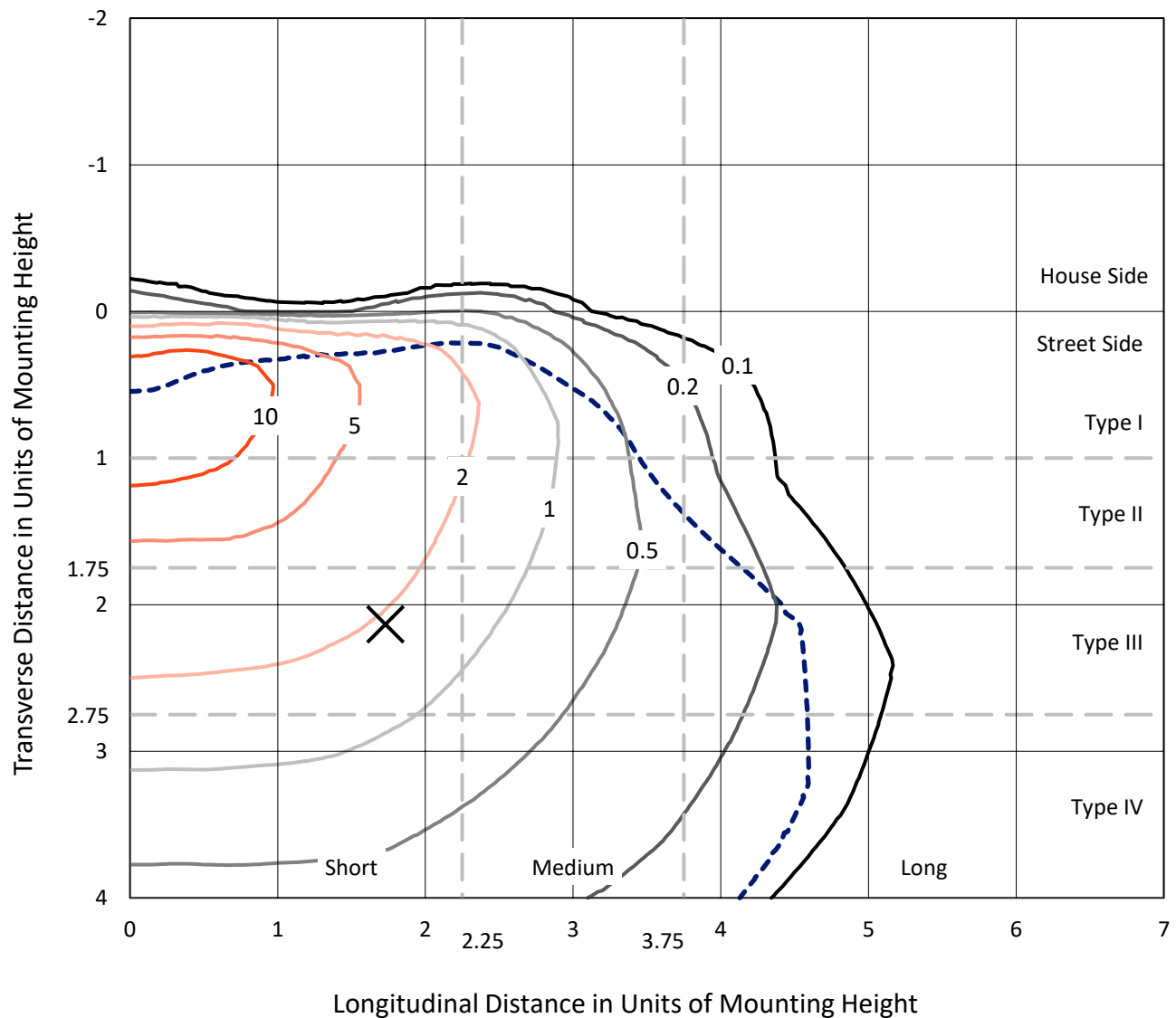


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

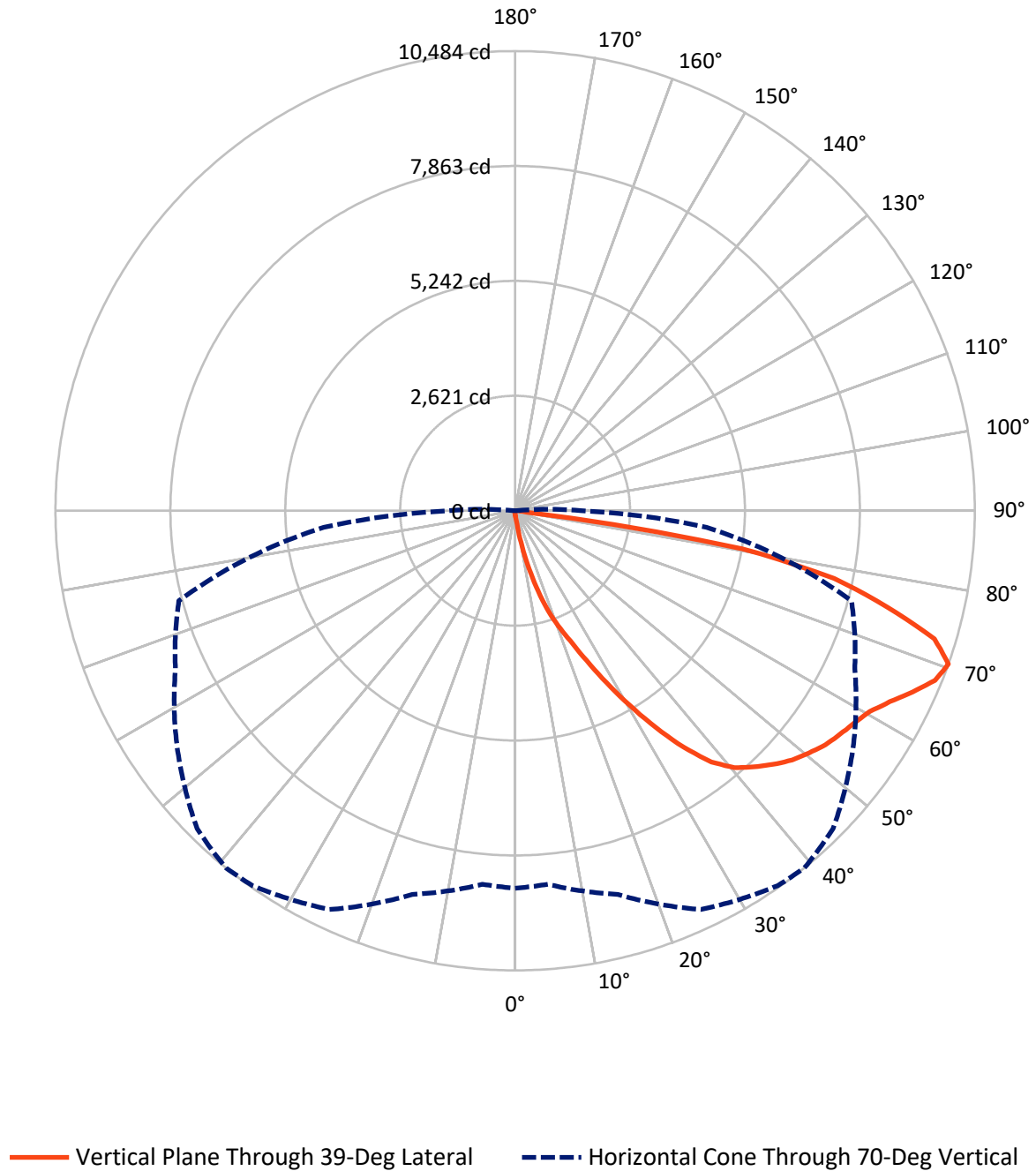


Based on 15 foot mounting height. Maximum calculated value = 18 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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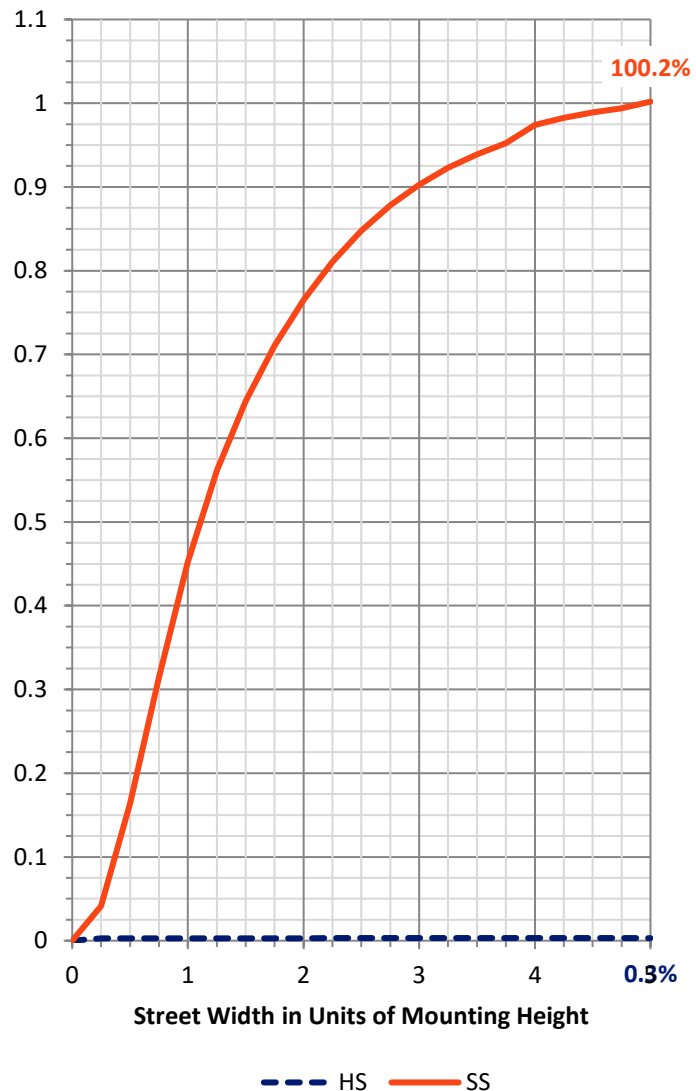
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	51.0	0.0	51.0
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	16500.6	0.0	16500.6
	% Fixture	99.7	0.0	99.7
Total	Lumens	16551.6	0.0	16551.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.4	0.1
10°-20°	203.5	1.2
20°-30°	690.5	4.2
30°-40°	1622.8	9.8
40°-50°	2635.1	15.9
50°-60°	3339.2	20.2
60°-70°	4241.7	25.6
70°-80°	3446.4	20.8
80°-90°	354.9	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°	16551.6	100.0
0°-180°	16551.6	100.0



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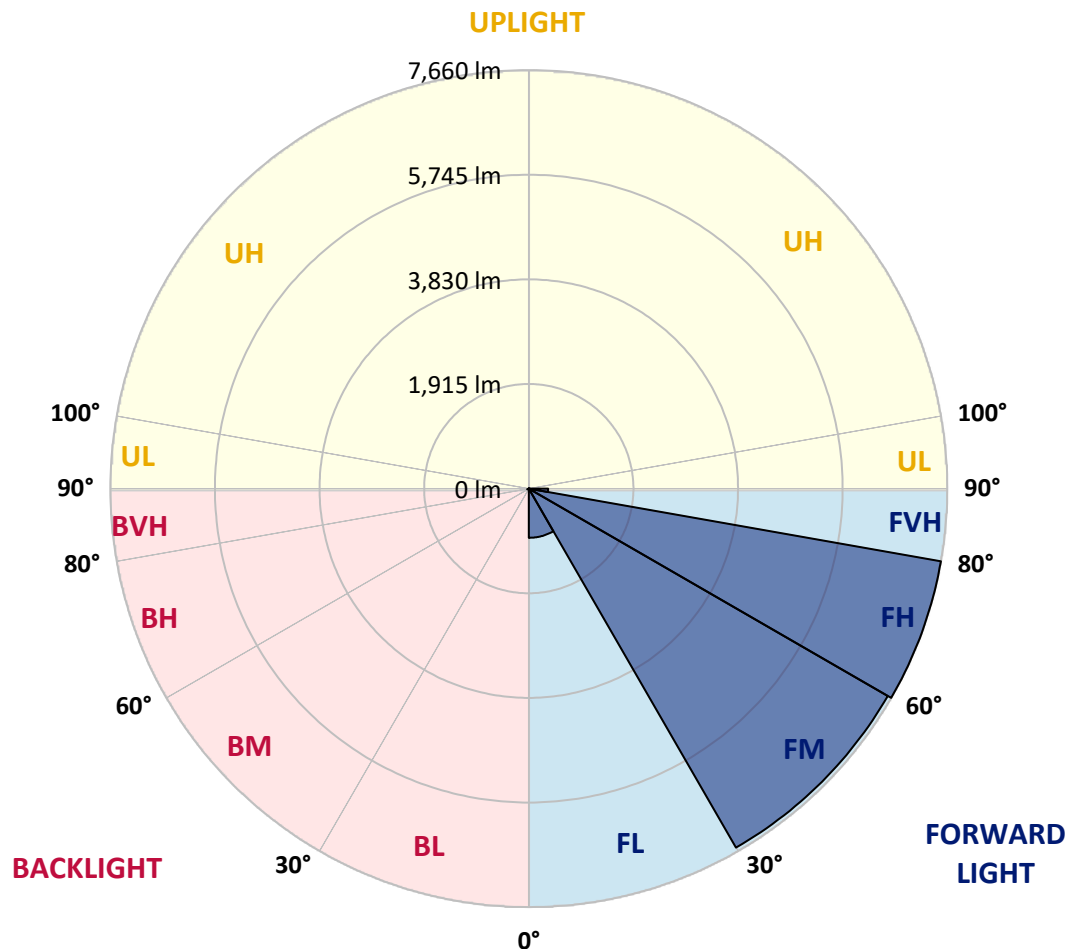
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	900.4	5.4			
FM	(30°-60°)	7587.4	45.8			
FH	(60°-80°)	7660.1	46.3			G4/12000
FVH	(80°-90°)	352.7	2.1			G3/500
BL	(0°-30°)	11.0	0.1	B0/110		
BM	(30°-60°)	9.8	0.1	B0/220		
BH	(60°-80°)	28.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
2.5°	116.8	116.8	116.8	112.3	112.3	107.8	107.8	103.4	98.9	98.9	94.4
5°	220.2	224.7	211.2	184.2	166.3	157.3	148.3	125.8	112.3	103.4	94.4
7.5°	602.2	584.2	557.2	467.3	359.5	305.6	260.6	184.2	134.8	107.8	94.4
10°	1267.2	1217.8	1141.4	1020.1	808.9	723.5	561.7	337.0	188.7	121.3	94.4
12.5°	1860.4	1869.4	1775.0	1658.2	1402.0	1258.2	1038.0	633.6	296.6	143.8	94.4
15°	2309.8	2300.8	2264.8	2170.5	1941.3	1802.0	1604.2	1065.0	498.8	179.7	98.9
17.5°	2664.8	2628.8	2615.3	2574.9	2426.6	2350.2	2134.5	1568.3	790.9	242.7	103.4
20°	3019.8	3010.8	2997.3	2952.4	2853.5	2799.6	2633.3	2076.1	1177.3	346.0	112.3
22.5°	3536.5	3487.1	3496.1	3397.2	3316.3	3222.0	3087.2	2615.3	1622.2	494.3	125.8
25°	4143.2	4138.7	4066.8	4021.9	3887.0	3783.7	3603.9	3136.6	2116.5	714.5	139.3
27.5°	4857.7	4808.3	4776.8	4700.4	4561.1	4444.3	4197.1	3653.4	2651.3	961.7	157.3
30°	5603.6	5603.6	5545.2	5428.4	5293.6	5149.8	4898.1	4197.1	3181.5	1276.2	179.7
32.5°	6475.4	6493.4	6349.6	6174.3	5999.1	5900.2	5572.2	4812.7	3689.3	1635.7	206.7
35°	7320.2	7297.8	7059.6	6866.4	6736.0	6628.2	6349.6	5486.8	4264.5	2053.6	242.7
37.5°	8129.1	8070.7	7675.2	7401.1	7342.7	7270.8	6992.2	6160.9	4835.2	2516.5	287.6
40°	8708.8	8618.9	8210.0	7832.5	7747.1	7706.7	7491.0	6772.0	5437.4	3033.2	346.0
42.5°	8960.4	8857.1	8574.0	8268.4	8079.7	7985.3	7796.6	7270.8	6039.5	3608.4	431.4
45°	9009.9	8929.0	8726.8	8654.9	8398.7	8254.9	7998.8	7625.8	6601.2	4179.1	548.2
47.5°	8830.1	8794.2	8672.8	8825.6	8695.3	8497.6	8187.5	7890.9	7100.0	4871.2	710.0
50°	8389.7	8362.8	8421.2	8821.1	8911.0	8686.3	8394.2	8097.6	7531.4	5585.7	939.2
52.5°	7796.6	7792.1	8066.2	8704.3	9005.4	8866.1	8596.4	8304.3	7873.0	6277.7	1262.7
55°	7149.5	7225.9	7706.7	8596.4	9059.3	8996.4	8794.2	8488.6	8178.5	6920.3	1784.0
57.5°	7095.5	7064.1	7526.9	8551.5	9090.7	9126.7	8991.9	8681.8	8439.2	7446.0	2480.5
60°	7634.8	7562.9	7738.1	8645.9	9230.0	9293.0	9189.6	8830.1	8699.8	7859.5	3397.2
62.5°	8259.4	8192.0	8281.9	9009.9	9504.2	9594.0	9463.7	8982.9	8911.0	8147.1	4381.4
65°	8758.2	8704.3	8875.0	9553.6	9886.1	9962.5	9872.6	9266.0	9005.4	8380.7	5181.2
67.5°	8839.1	8771.7	9126.7	9917.6	10272.6	10326.5	10254.6	9540.1	8973.9	8398.7	5365.5
70°	8609.9	8551.5	9059.3	10034.4	10438.8	10483.8	10254.6	9409.8	8547.0	7940.4	4385.8
72.5°	7904.4	7949.3	8605.4	9751.3	10209.7	10003.0	9517.6	8753.7	7994.3	6731.6	3078.2
75°	6807.9	6857.4	7729.2	8973.9	9009.9	8758.2	8497.6	8052.7	7154.0	4435.3	2134.5
77.5°	4839.7	4664.5	5967.6	7410.1	7279.8	7441.6	7464.0	6700.1	5990.1	2309.8	1429.0
80°	476.3	404.4	750.4	2125.5	4695.9	5248.6	5464.3	5163.3	4417.3	1033.5	750.4
82.5°	103.4	103.4	112.3	121.3	188.7	283.1	1298.7	3181.5	2853.5	525.8	242.7
85°	58.4	58.4	71.9	85.4	112.3	125.8	148.3	197.7	768.4	188.7	44.9
87.5°	44.9	49.4	58.4	71.9	94.4	103.4	125.8	157.3	193.2	175.3	13.5
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-SA3C-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
2.5°	94.4	89.9	85.4	80.9	76.4	76.4	71.9	71.9	71.9	71.9	71.9
5°	89.9	85.4	80.9	71.9	67.4	62.9	58.4	58.4	58.4	58.4	58.4
7.5°	89.9	85.4	76.4	67.4	58.4	53.9	49.4	44.9	44.9	49.4	49.4
10°	89.9	80.9	67.4	58.4	49.4	44.9	40.4	35.9	35.9	35.9	35.9
12.5°	85.4	76.4	62.9	53.9	44.9	35.9	27.0	22.5	22.5	22.5	22.5
15°	80.9	71.9	58.4	44.9	31.5	22.5	18.0	13.5	13.5	13.5	13.5
17.5°	80.9	67.4	53.9	40.4	22.5	13.5	9.0	4.5	4.5	4.5	9.0
20°	80.9	67.4	49.4	31.5	13.5	9.0	9.0	4.5	0.0	4.5	4.5
22.5°	80.9	62.9	40.4	22.5	13.5	9.0	4.5	0.0	0.0	0.0	0.0
25°	85.4	62.9	35.9	18.0	9.0	4.5	0.0	0.0	0.0	0.0	0.0
27.5°	85.4	58.4	31.5	13.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0
30°	89.9	58.4	27.0	9.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	89.9	53.9	18.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	89.9	49.4	13.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	89.9	44.9	13.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	94.4	40.4	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	98.9	35.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	103.4	31.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	116.8	31.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	134.8	31.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	161.8	31.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	211.2	27.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	305.6	27.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	512.3	27.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	898.7	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1518.9	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1981.7	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1505.4	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	719.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	319.1	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	139.3	13.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	53.9	9.0	4.5	4.5	4.5	4.5	0.0	0.0	0.0	0.0	0.0
82.5°	22.5	9.0	4.5	4.5	4.5	4.5	4.5	0.0	0.0	0.0	0.0
85°	13.5	9.0	9.0	9.0	4.5	4.5	4.5	0.0	0.0	0.0	0.0
87.5°	9.0	9.0	9.0	9.0	9.0	4.5	4.5	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 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 5000K 4-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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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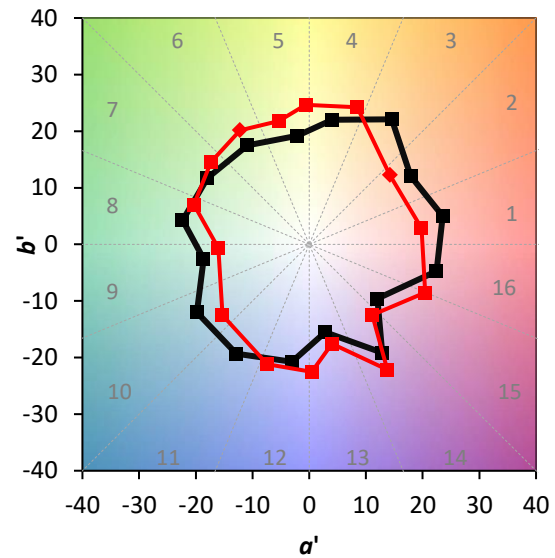
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$



Color Vector Graphics

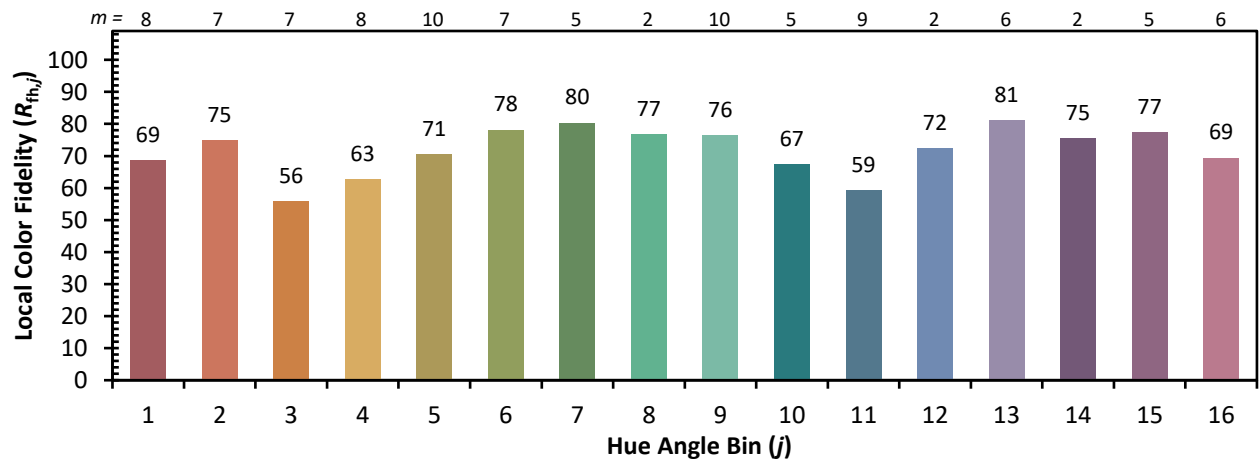
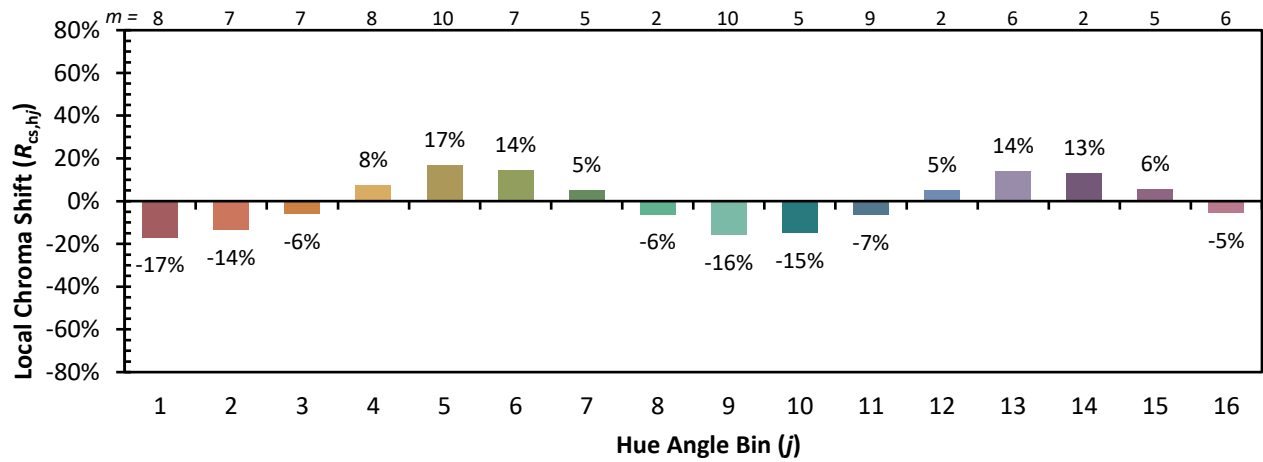


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)