

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: P1067279

Luminaire Tested: **NAV-SA3C-750-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067279
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-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16324.7 lumens
Efficiency: N/A
Efficacy: 116.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

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

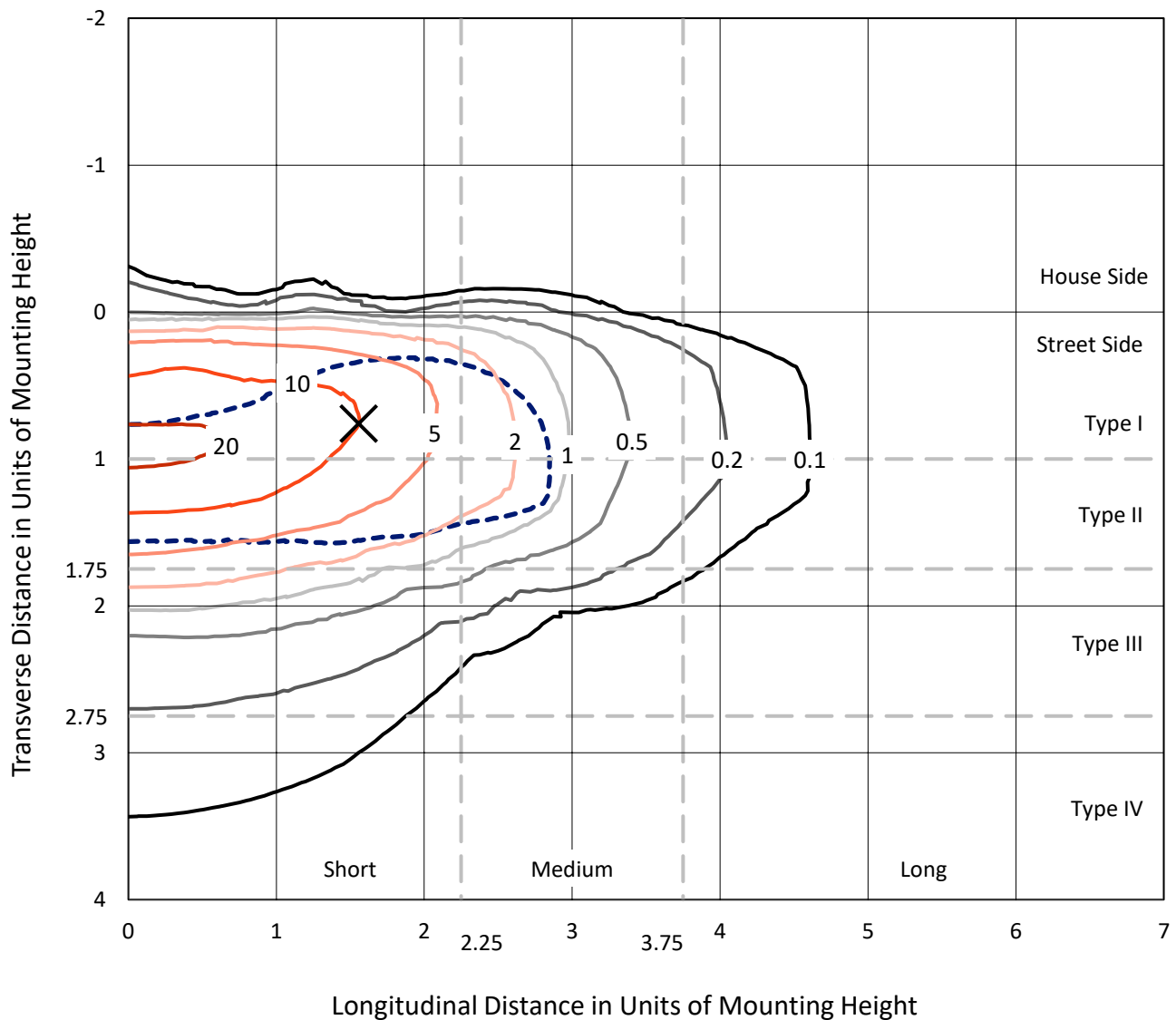


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

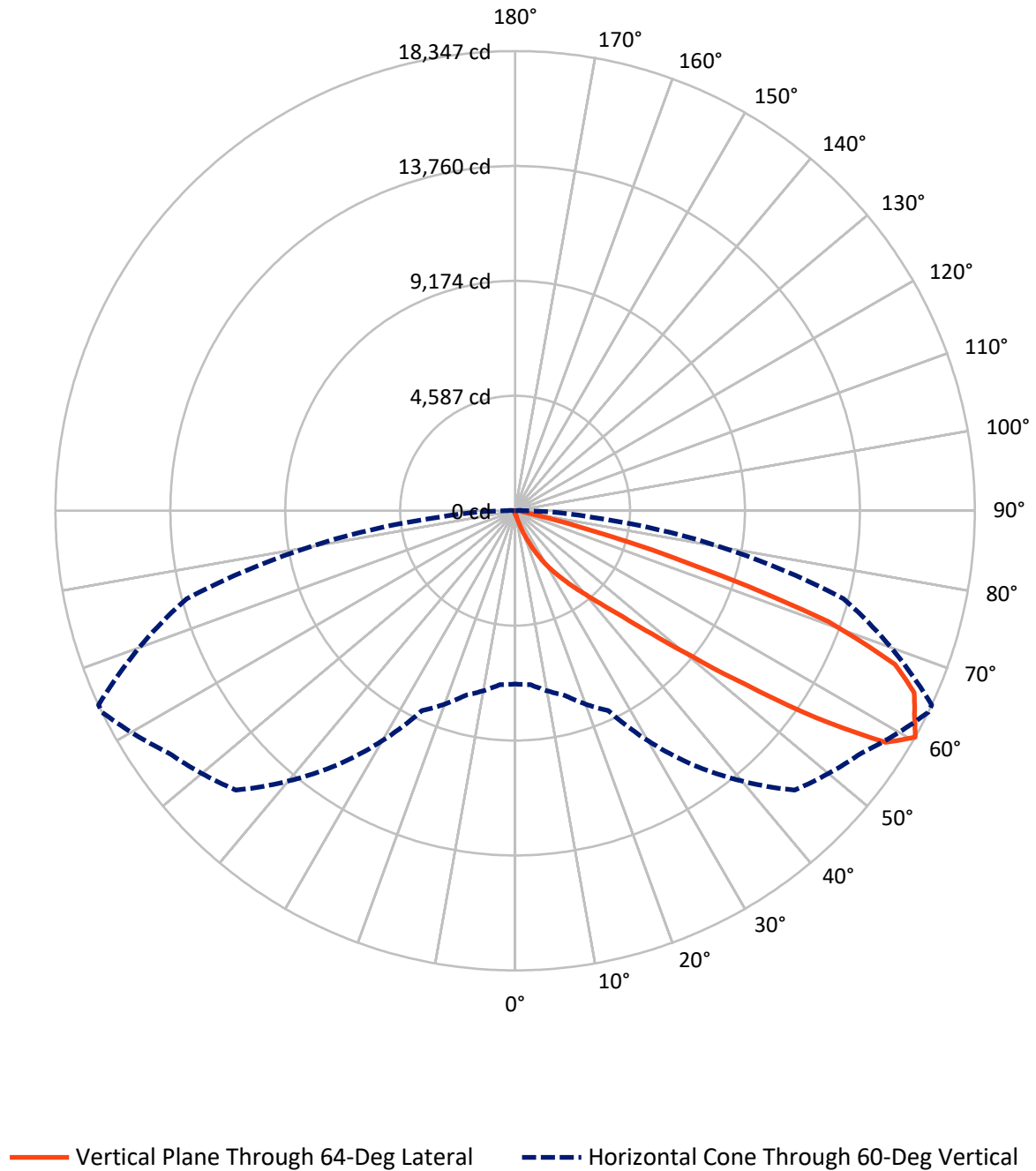


Based on 15 foot mounting height. Maximum calculated value = 23.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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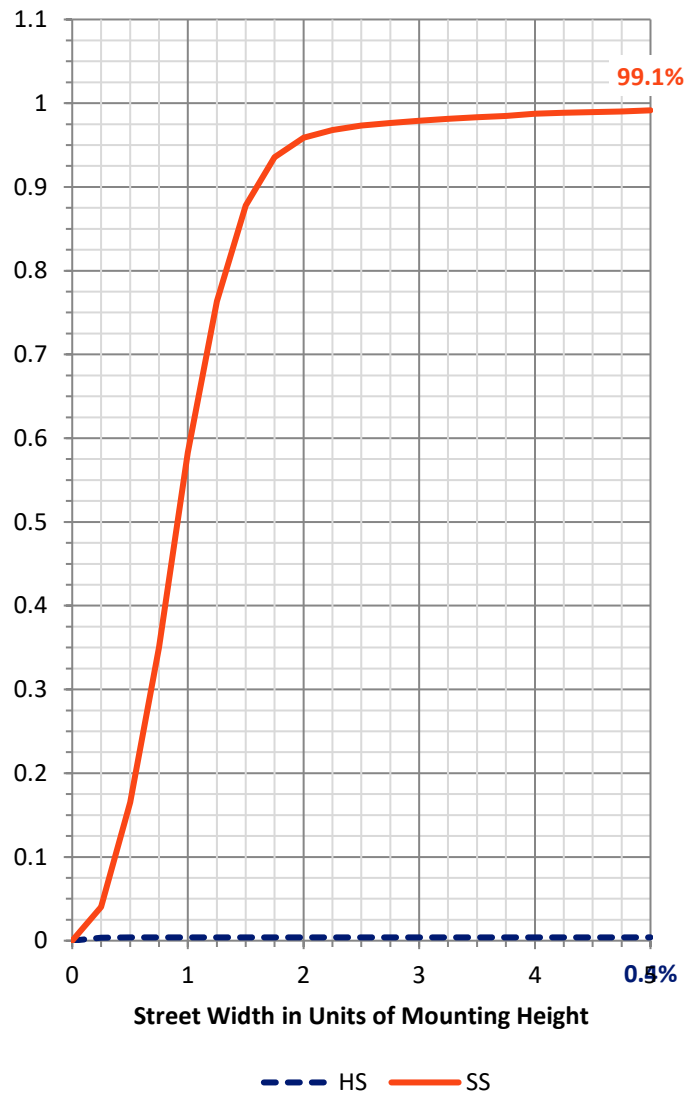
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	66.2	0.0	66.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16258.5	0.0	16258.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	16324.7	0.0	16324.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	0.1
10°-20°	160.4	1.0
20°-30°	532.8	3.3
30°-40°	1421.7	8.7
40°-50°	3613.5	22.1
50°-60°	5267.7	32.3
60°-70°	4068.8	24.9
70°-80°	1117.4	6.8
80°-90°	126.1	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°	16324.7	100.0
0°-180°	16324.7	100.0



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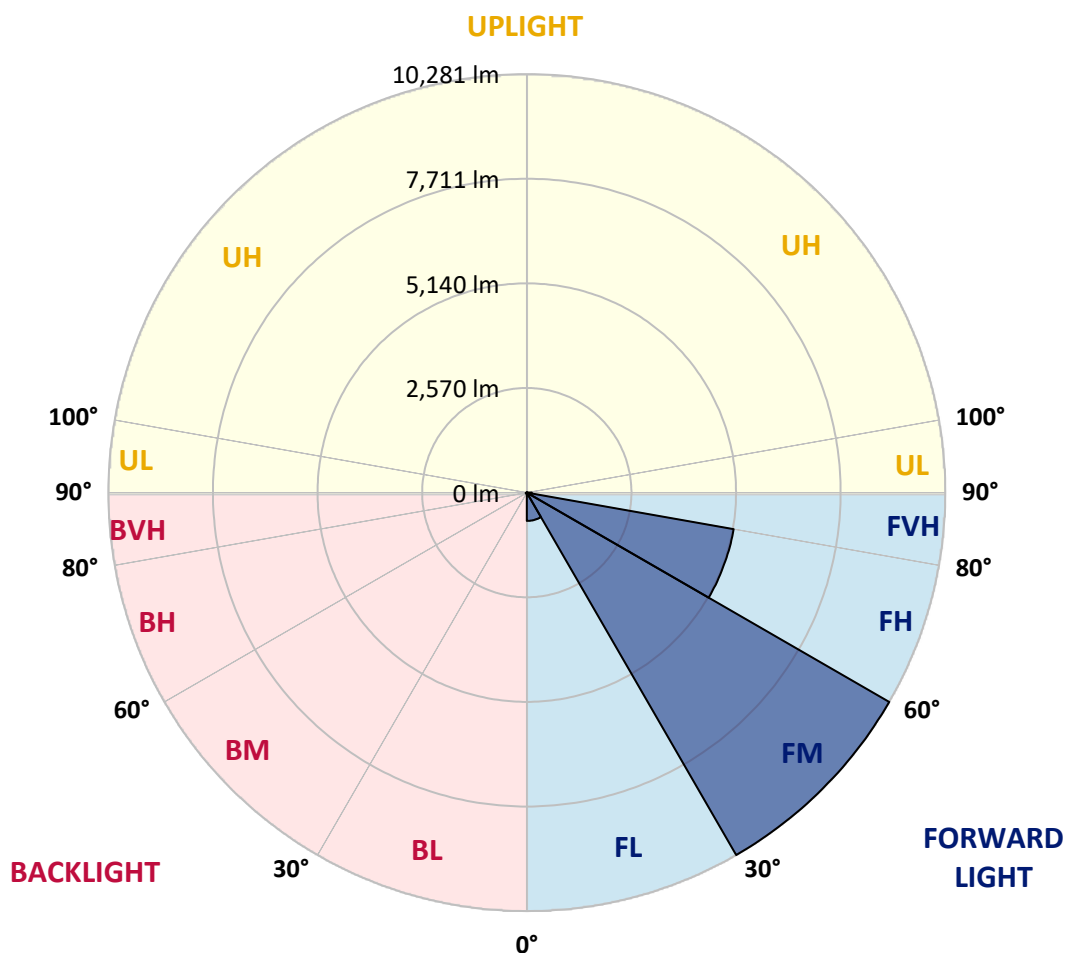
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	694.6	4.3			
FM	(30°-60°)	10281.0	63.0			
FH	(60°-80°)	5159.8	31.6			G3/7500
FVH	(80°-90°)	123.1	0.8			G2/225
BL	(0°-30°)	14.9	0.1	B0/110		
BM	(30°-60°)	21.9	0.1	B0/220		
BH	(60°-80°)	26.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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-G3

Type II Short



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CATALOG NUMBER: NAV-SA3C-750-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8
2.5°	143.8	143.8	143.8	139.3	134.8	134.8	130.3	125.8	125.8	116.8	112.3
5°	220.2	220.2	211.2	202.2	188.7	170.8	152.8	139.3	139.3	125.8	116.8
7.5°	431.4	444.9	404.4	355.0	287.6	242.7	193.2	161.8	157.3	134.8	116.8
10°	934.7	925.7	862.8	741.4	584.2	422.4	269.6	197.7	188.7	143.8	116.8
12.5°	1406.5	1420.0	1352.6	1217.8	1029.0	750.4	462.8	256.1	247.1	157.3	116.8
15°	1810.9	1810.9	1766.0	1698.6	1491.9	1199.8	745.9	382.0	350.5	170.8	112.3
17.5°	2089.5	2085.0	2067.1	2049.1	1927.8	1626.7	1141.4	611.1	539.2	202.2	112.3
20°	2404.1	2390.6	2413.1	2377.1	2282.7	2044.6	1559.3	907.7	840.3	256.1	112.3
22.5°	2732.1	2745.6	2763.6	2727.6	2624.3	2417.6	1999.6	1289.7	1217.8	355.0	116.8
25°	3150.0	3141.0	3181.5	3150.0	3019.7	2777.0	2413.1	1707.6	1604.2	494.3	125.8
27.5°	3662.3	3644.3	3671.3	3590.4	3419.6	3172.5	2781.5	2134.5	2013.1	710.0	143.8
30°	4340.8	4354.3	4233.0	4138.6	3895.9	3567.9	3190.4	2592.8	2467.0	966.1	161.8
32.5°	5410.3	5315.9	5127.2	4745.2	4426.2	4008.3	3599.4	2992.7	2880.4	1294.2	188.7
35°	7077.4	7095.4	6682.0	5738.3	5046.3	4561.0	4048.7	3433.1	3352.2	1667.1	224.7
37.5°	9108.5	9059.1	8695.1	7504.3	5954.0	5248.5	4561.0	3913.9	3797.1	2071.5	269.6
40°	11409.2	11202.5	10991.3	10182.5	7845.8	6111.3	5208.1	4471.1	4381.3	2538.9	341.5
42.5°	13251.6	13197.7	13233.6	12896.6	11000.3	7580.7	6066.3	5154.1	5046.3	3118.6	467.3
45°	14159.3	14082.9	14298.6	14550.2	14064.9	10708.2	7450.4	6025.9	5882.1	3801.6	660.6
47.5°	13916.7	13862.7	14325.6	14819.9	15466.9	14334.6	9710.7	7329.0	7081.9	4677.8	948.1
50°	12721.4	12725.8	13485.3	14406.5	15431.0	16172.4	13058.4	9113.0	8802.9	5841.7	1397.5
52.5°	11557.5	11593.5	12397.8	13741.4	14896.3	16388.1	15997.2	11517.1	11013.8	7212.2	1927.8
55°	10362.2	10380.2	11090.2	12982.0	14644.6	15745.5	17507.0	14613.2	14078.4	8919.8	2444.5
57.5°	9211.9	9211.9	9477.0	11157.6	14370.5	15687.1	17327.3	17444.1	17008.2	10870.0	2826.5
60°	6920.1	6965.1	7625.6	8802.9	12393.3	15772.5	16868.9	18347.3	18347.3	13575.1	3118.6
62.5°	3496.0	3563.4	4385.7	5531.6	8501.9	14595.2	16940.8	17893.5	17965.4	15961.2	3783.6
65°	1640.2	1716.6	2156.9	2965.8	4574.5	10272.3	16194.9	17507.0	17484.6	15507.4	5185.6
67.5°	1177.3	1199.8	1348.1	1730.0	2462.5	4502.6	12361.9	16352.2	16361.2	13175.2	5963.0
70°	1056.0	1056.0	1091.9	1204.3	1482.9	2013.1	6007.9	13242.6	13885.2	10173.5	5527.1
72.5°	1042.5	1033.5	1024.5	1029.0	1002.1	1011.1	2062.6	7477.3	8394.0	7117.8	4408.2
75°	1015.6	1015.6	1006.6	975.1	799.9	651.6	710.0	3024.2	3496.0	4754.2	3271.3
77.5°	804.4	885.2	979.6	921.2	732.5	489.8	413.4	876.3	1105.4	2916.3	2372.6
80°	373.0	377.5	373.0	390.9	467.3	350.5	305.6	426.9	431.4	1617.7	1469.4
82.5°	269.6	274.1	260.6	233.7	206.7	188.7	251.6	314.6	337.0	741.4	548.2
85°	80.9	76.4	89.9	121.3	143.8	166.3	211.2	265.1	278.6	274.1	80.9
87.5°	35.9	35.9	44.9	62.9	85.4	125.8	184.2	242.7	247.1	283.1	22.5
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-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8
2.5°	112.3	107.8	103.4	98.9	94.4	89.9	85.4	85.4	89.9	89.9	89.9
5°	107.8	103.4	94.4	85.4	80.9	76.4	71.9	71.9	76.4	76.4	76.4
7.5°	107.8	98.9	89.9	80.9	71.9	67.4	62.9	62.9	62.9	67.4	67.4
10°	107.8	98.9	85.4	71.9	62.9	58.4	53.9	49.4	53.9	53.9	53.9
12.5°	103.4	94.4	80.9	67.4	53.9	44.9	40.4	40.4	40.4	40.4	40.4
15°	98.9	89.9	76.4	58.4	44.9	35.9	27.0	27.0	27.0	31.5	31.5
17.5°	94.4	85.4	67.4	44.9	31.5	22.5	18.0	18.0	18.0	22.5	22.5
20°	94.4	80.9	58.4	35.9	22.5	13.5	9.0	9.0	9.0	13.5	18.0
22.5°	94.4	80.9	53.9	27.0	13.5	9.0	4.5	4.5	4.5	4.5	4.5
25°	94.4	76.4	49.4	22.5	9.0	4.5	0.0	0.0	4.5	9.0	13.5
27.5°	94.4	71.9	40.4	13.5	9.0	4.5	0.0	4.5	9.0	9.0	9.0
30°	94.4	71.9	35.9	13.5	4.5	0.0	0.0	4.5	9.0	9.0	13.5
32.5°	98.9	67.4	31.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	103.4	62.9	27.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	112.3	62.9	18.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	125.8	67.4	18.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	157.3	71.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	220.2	89.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	323.5	134.8	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	471.8	184.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	579.7	184.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	575.2	116.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	440.4	80.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	373.0	58.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	449.4	44.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	799.9	40.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1285.2	40.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1437.9	40.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1123.4	35.9	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	615.6	31.5	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	310.1	22.5	9.0	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0
80°	130.3	18.0	9.0	4.5	4.5	4.5	0.0	0.0	0.0	0.0	0.0
82.5°	44.9	18.0	9.0	9.0	4.5	4.5	0.0	0.0	0.0	0.0	0.0
85°	22.5	13.5	13.5	9.0	9.0	4.5	4.5	0.0	0.0	0.0	0.0
87.5°	13.5	13.5	13.5	9.0	9.0	4.5	4.5	0.0	0.0	0.0	4.5
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 [^] /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	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 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	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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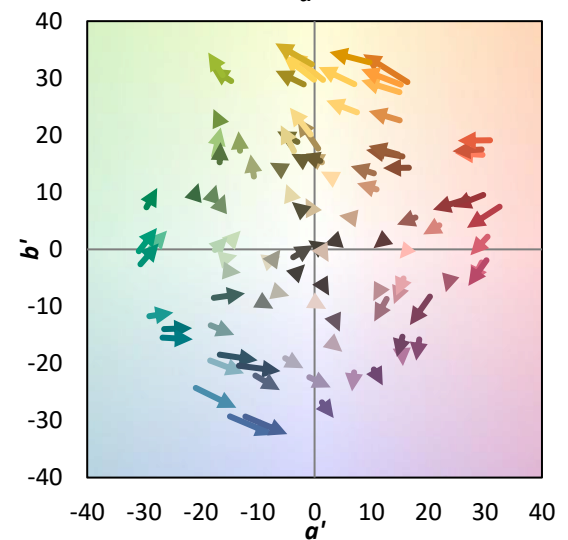
TM-30-18

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)