

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: P1067271

Luminaire Tested: **NAV-SA1C-750-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067271
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1C-750-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5656.9 lumens
Efficiency: N/A
Efficacy: 112.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 50.1
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



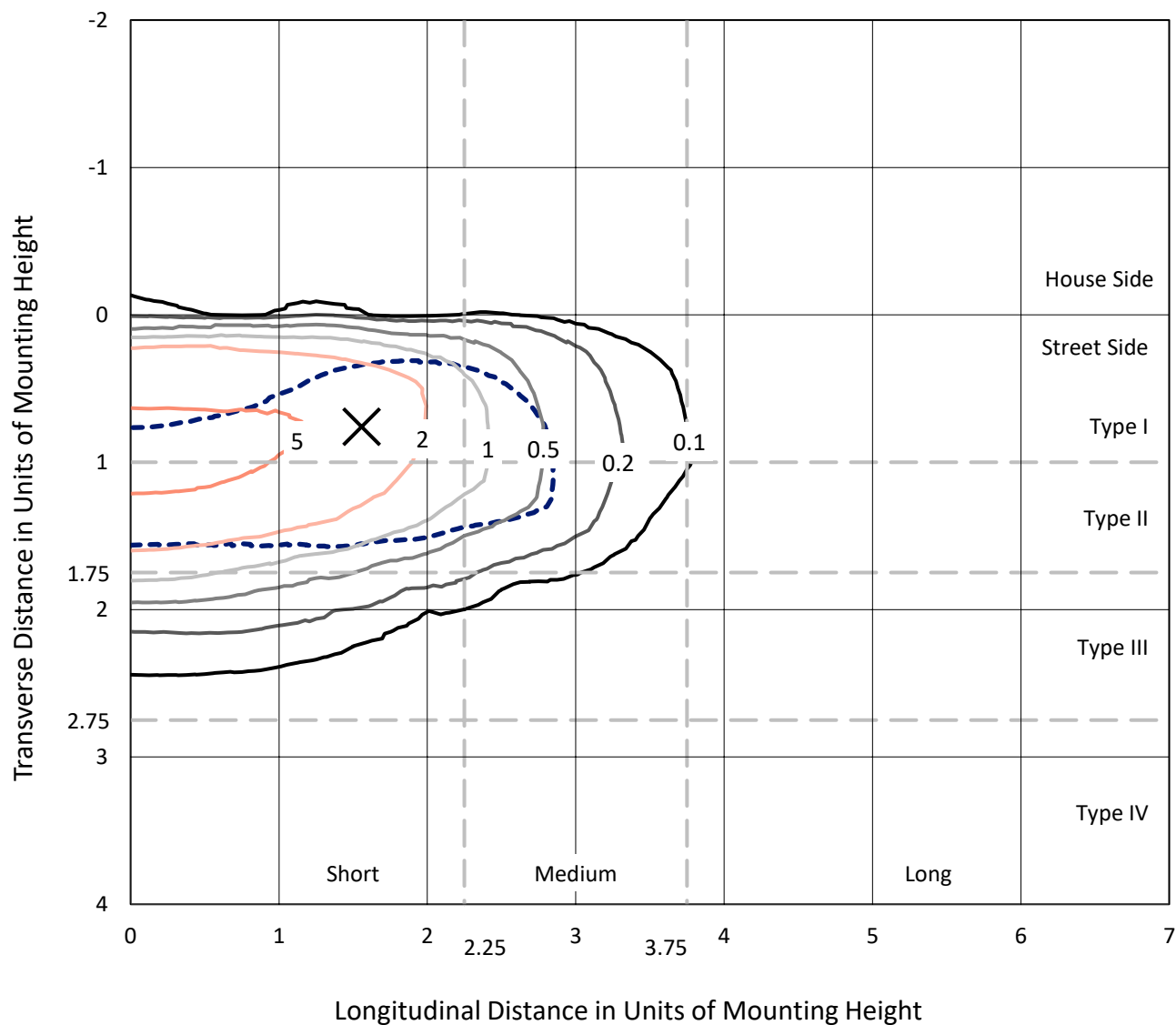
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

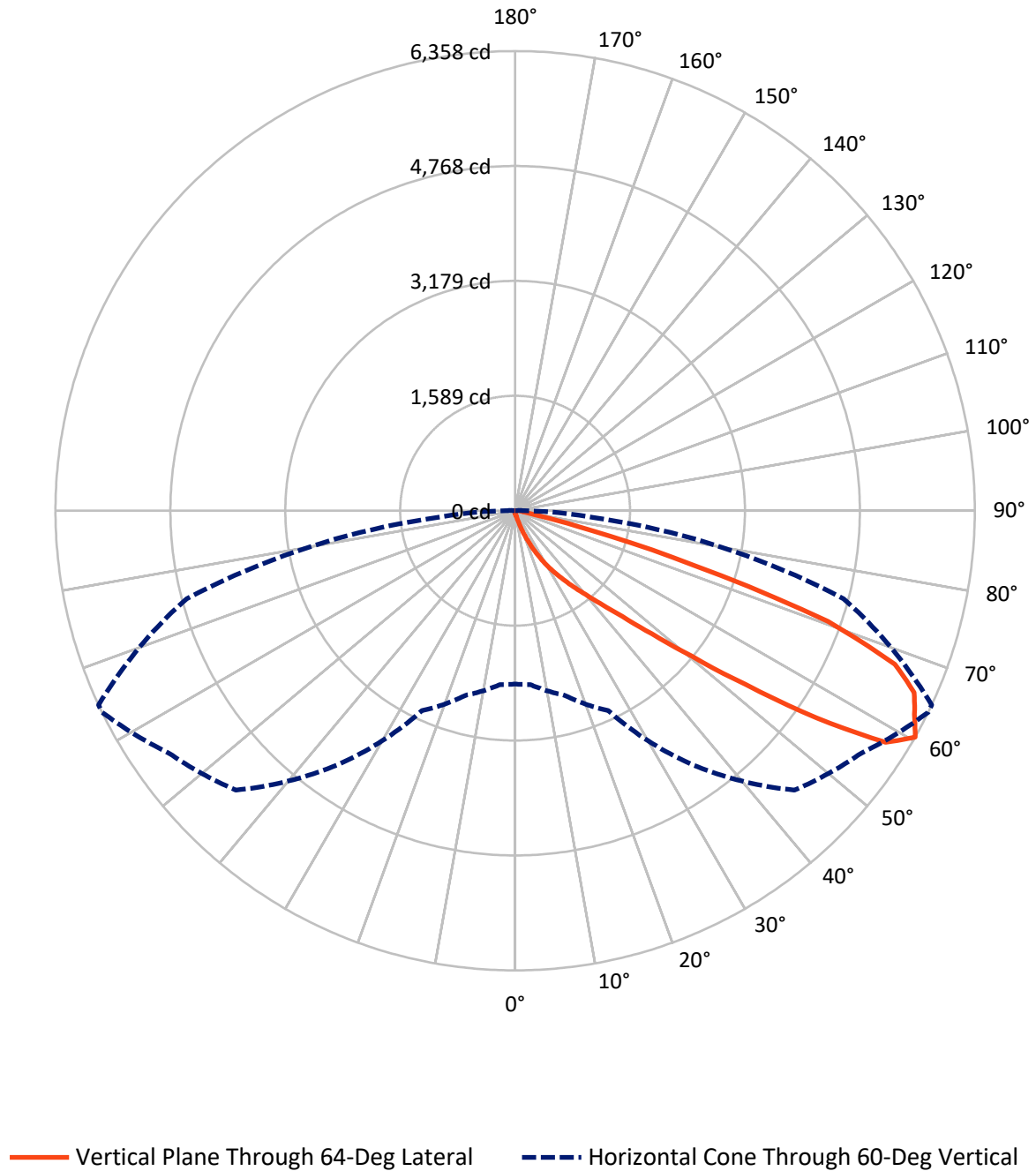


Based on 15 foot mounting height. Maximum calculated value = 8.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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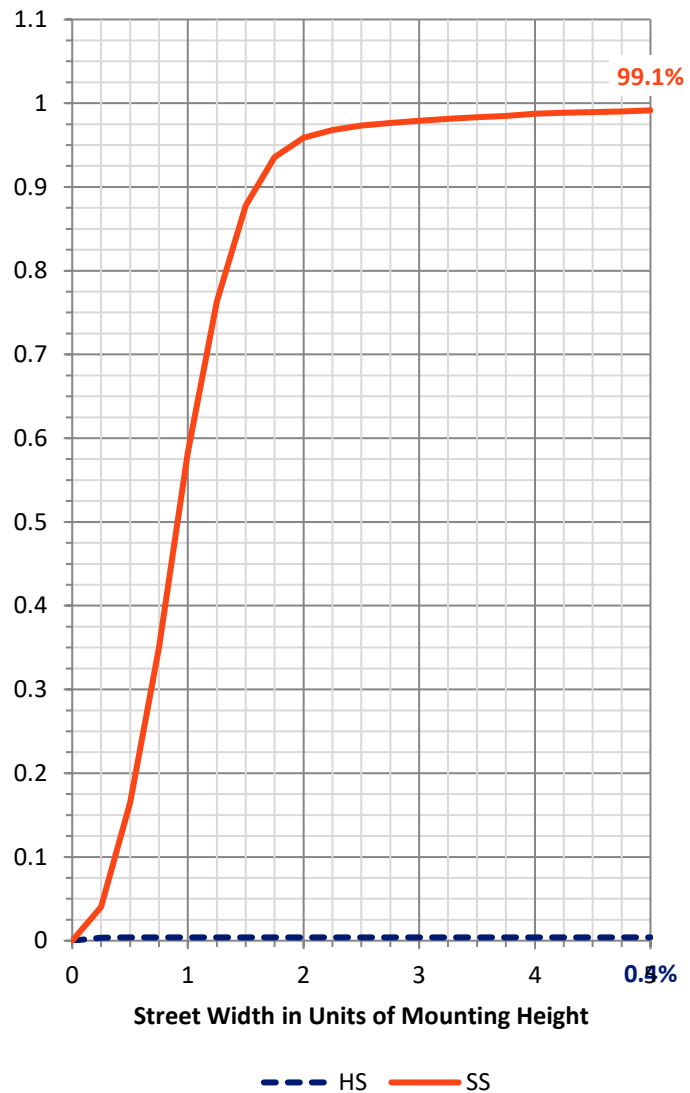
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.9	0.0	22.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5633.9	0.0	5633.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	5656.9	0.0	5656.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.1
10°-20°	55.6	1.0
20°-30°	184.6	3.3
30°-40°	492.6	8.7
40°-50°	1252.2	22.1
50°-60°	1825.4	32.3
60°-70°	1409.9	24.9
70°-80°	387.2	6.8
80°-90°	43.7	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°	5656.9	100.0
0°-180°	5656.9	100.0



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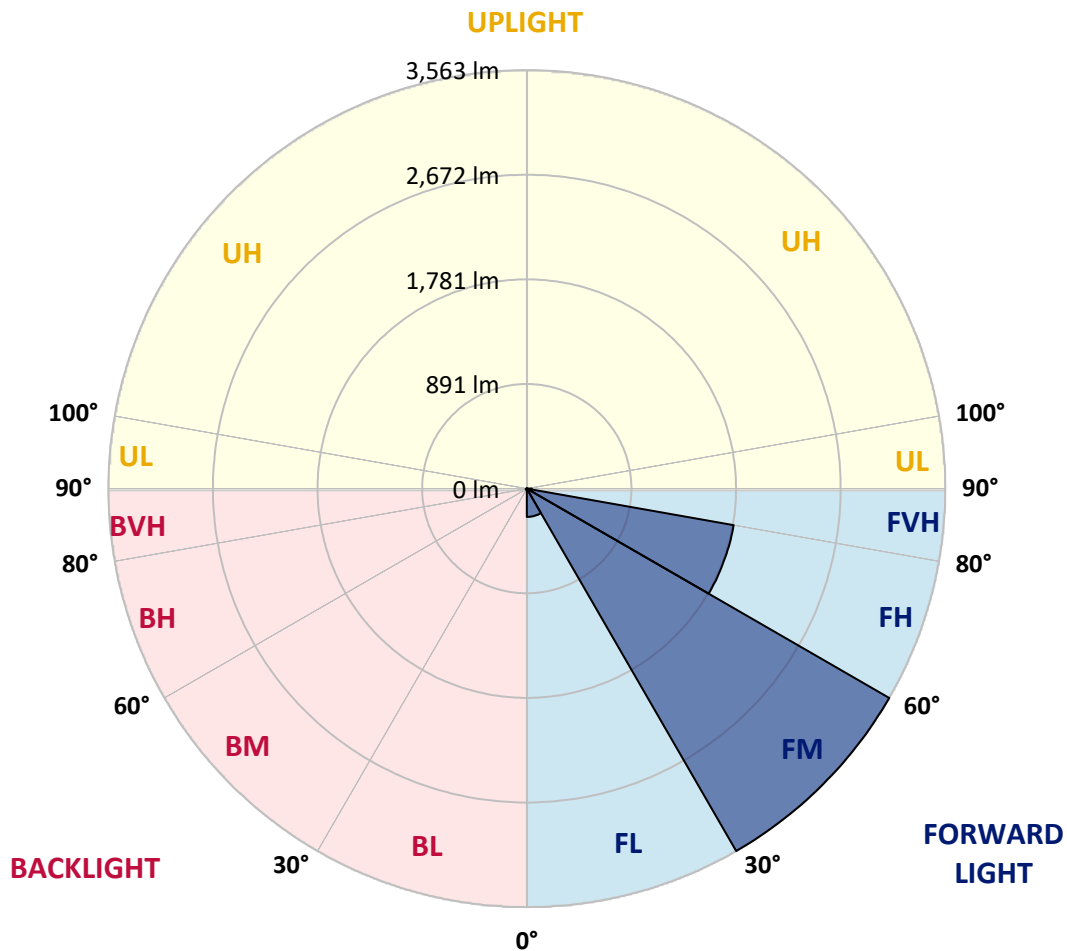
CATALOG NUMBER: NAV-SA1C-750-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	240.7	4.3			
FM	(30°-60°)	3562.6	63.0			
FH	(60°-80°)	1788.0	31.6			G1/1800
FVH	(80°-90°)	42.7	0.8			G1/100
BL	(0°-30°)	5.2	0.1	B0/110		
BM	(30°-60°)	7.6	0.1	B0/220		
BH	(60°-80°)	9.2	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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-G1

Type II Short



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CATALOG NUMBER: NAV-SA1C-750-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
2.5°	49.8	49.8	49.8	48.3	46.7	46.7	45.2	43.6	43.6	40.5	38.9
5°	76.3	76.3	73.2	70.1	65.4	59.2	52.9	48.3	48.3	43.6	40.5
7.5°	149.5	154.2	140.1	123.0	99.7	84.1	67.0	56.1	54.5	46.7	40.5
10°	323.9	320.8	299.0	256.9	202.4	146.4	93.4	68.5	65.4	49.8	40.5
12.5°	487.4	492.1	468.7	422.0	356.6	260.0	160.4	88.8	85.6	54.5	40.5
15°	627.5	627.5	612.0	588.6	517.0	415.8	258.5	132.4	121.5	59.2	38.9
17.5°	724.1	722.5	716.3	710.1	668.0	563.7	395.5	211.8	186.9	70.1	38.9
20°	833.1	828.4	836.2	823.7	791.0	708.5	540.3	314.5	291.2	88.8	38.9
22.5°	946.7	951.4	957.6	945.2	909.4	837.7	692.9	446.9	422.0	123.0	40.5
25°	1091.5	1088.4	1102.4	1091.5	1046.4	962.3	836.2	591.7	555.9	171.3	43.6
27.5°	1269.1	1262.8	1272.2	1244.1	1185.0	1099.3	963.9	739.6	697.6	246.0	49.8
30°	1504.2	1508.9	1466.8	1434.1	1350.0	1236.4	1105.6	898.5	854.9	334.8	56.1
32.5°	1874.8	1842.1	1776.7	1644.3	1533.8	1389.0	1247.3	1037.0	998.1	448.5	65.4
35°	2452.5	2458.7	2315.5	1988.5	1748.7	1580.5	1403.0	1189.6	1161.6	577.7	77.9
37.5°	3156.3	3139.2	3013.0	2600.4	2063.2	1818.7	1580.5	1356.3	1315.8	717.8	93.4
40°	3953.6	3881.9	3808.7	3528.5	2718.8	2117.7	1804.7	1549.3	1518.2	879.8	118.3
42.5°	4592.0	4573.3	4585.8	4469.0	3811.9	2626.9	2102.1	1786.0	1748.7	1080.6	161.9
45°	4906.5	4880.0	4954.8	5042.0	4873.8	3710.6	2581.7	2088.1	2038.3	1317.3	228.9
47.5°	4822.4	4803.7	4964.1	5135.4	5359.6	4967.2	3365.0	2539.7	2454.0	1621.0	328.6
50°	4408.2	4409.8	4673.0	4992.2	5347.2	5604.1	4525.0	3157.9	3050.4	2024.3	484.3
52.5°	4004.9	4017.4	4296.1	4761.7	5161.9	5678.9	5543.4	3990.9	3816.5	2499.2	668.0
55°	3590.7	3597.0	3843.0	4498.6	5074.7	5456.2	6066.6	5063.8	4878.5	3090.9	847.1
57.5°	3192.1	3192.1	3284.0	3866.4	4979.7	5435.9	6004.3	6044.8	5893.7	3766.7	979.4
60°	2398.0	2413.6	2642.5	3050.4	4294.6	5465.5	5845.5	6357.8	6357.8	4704.1	1080.6
62.5°	1211.4	1234.8	1519.8	1916.8	2946.1	5057.6	5870.4	6200.5	6225.4	5530.9	1311.1
65°	568.4	594.8	747.4	1027.7	1585.2	3559.6	5611.9	6066.6	6058.8	5373.7	1796.9
67.5°	408.0	415.8	467.1	599.5	853.3	1560.2	4283.7	5666.4	5669.5	4565.5	2066.3
70°	365.9	365.9	378.4	417.3	513.9	697.6	2081.9	4588.9	4811.5	3525.3	1915.3
72.5°	361.3	358.1	355.0	356.6	347.2	350.4	714.7	2591.1	2908.7	2466.5	1527.5
75°	351.9	351.9	348.8	337.9	277.2	225.8	246.0	1047.9	1211.4	1647.4	1133.6
77.5°	278.7	306.8	339.5	319.2	253.8	169.7	143.3	303.6	383.1	1010.6	822.2
80°	129.2	130.8	129.2	135.5	161.9	121.5	105.9	147.9	149.5	560.6	509.2
82.5°	93.4	95.0	90.3	81.0	71.6	65.4	87.2	109.0	116.8	256.9	190.0
85°	28.0	26.5	31.1	42.0	49.8	57.6	73.2	91.9	96.5	95.0	28.0
87.5°	12.5	12.5	15.6	21.8	29.6	43.6	63.8	84.1	85.6	98.1	7.8
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-SA1C-750-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
2.5°	38.9	37.4	35.8	34.3	32.7	31.1	29.6	29.6	31.1	31.1	31.1
5°	37.4	35.8	32.7	29.6	28.0	26.5	24.9	24.9	26.5	26.5	26.5
7.5°	37.4	34.3	31.1	28.0	24.9	23.4	21.8	21.8	21.8	23.4	23.4
10°	37.4	34.3	29.6	24.9	21.8	20.2	18.7	17.1	18.7	18.7	18.7
12.5°	35.8	32.7	28.0	23.4	18.7	15.6	14.0	14.0	14.0	14.0	14.0
15°	34.3	31.1	26.5	20.2	15.6	12.5	9.3	9.3	9.3	10.9	10.9
17.5°	32.7	29.6	23.4	15.6	10.9	7.8	6.2	6.2	6.2	7.8	7.8
20°	32.7	28.0	20.2	12.5	7.8	4.7	3.1	3.1	3.1	4.7	6.2
22.5°	32.7	28.0	18.7	9.3	4.7	3.1	1.6	1.6	1.6	1.6	1.6
25°	32.7	26.5	17.1	7.8	3.1	1.6	0.0	0.0	1.6	3.1	4.7
27.5°	32.7	24.9	14.0	4.7	3.1	1.6	0.0	1.6	3.1	3.1	3.1
30°	32.7	24.9	12.5	4.7	1.6	0.0	0.0	1.6	3.1	3.1	4.7
32.5°	34.3	23.4	10.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	35.8	21.8	9.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	38.9	21.8	6.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	43.6	23.4	6.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	54.5	24.9	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	76.3	31.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	112.1	46.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	163.5	63.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	200.9	63.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	199.3	40.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	152.6	28.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	129.2	20.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	155.7	15.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	277.2	14.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	445.3	14.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	498.3	14.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	389.3	12.5	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	213.3	10.9	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	107.4	7.8	3.1	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	45.2	6.2	3.1	1.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0
82.5°	15.6	6.2	3.1	3.1	1.6	1.6	0.0	0.0	0.0	0.0	0.0
85°	7.8	4.7	4.7	3.1	3.1	1.6	1.6	0.0	0.0	0.0	0.0
87.5°	4.7	4.7	4.7	3.1	3.1	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: SP1-2407-184-6

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 ^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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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)