

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: P1067367

Luminaire Tested: **NAV-SA1C-835-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067367
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1C-835-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4961.1 lumens
Efficiency: N/A
Efficacy: 99.0 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

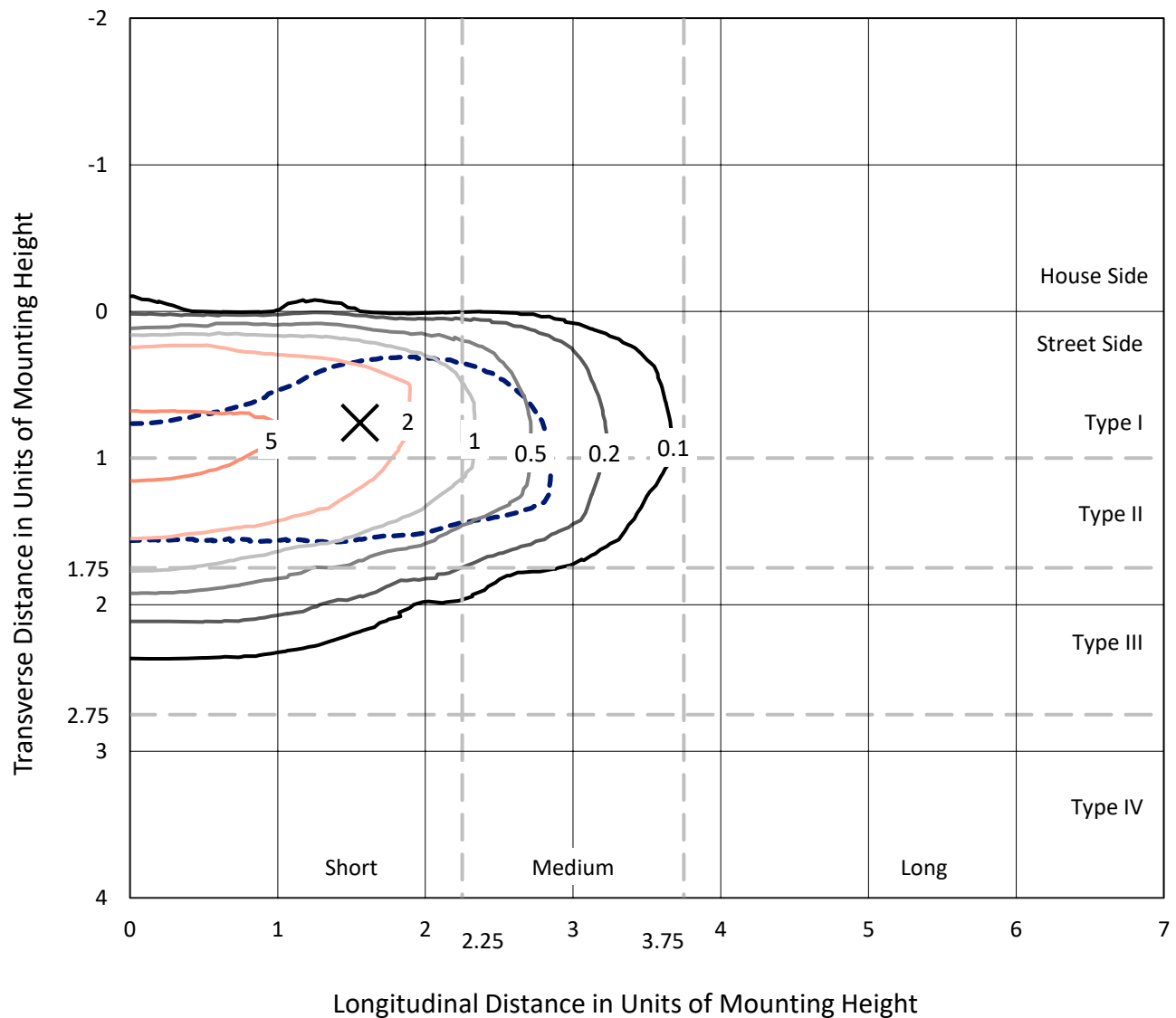


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

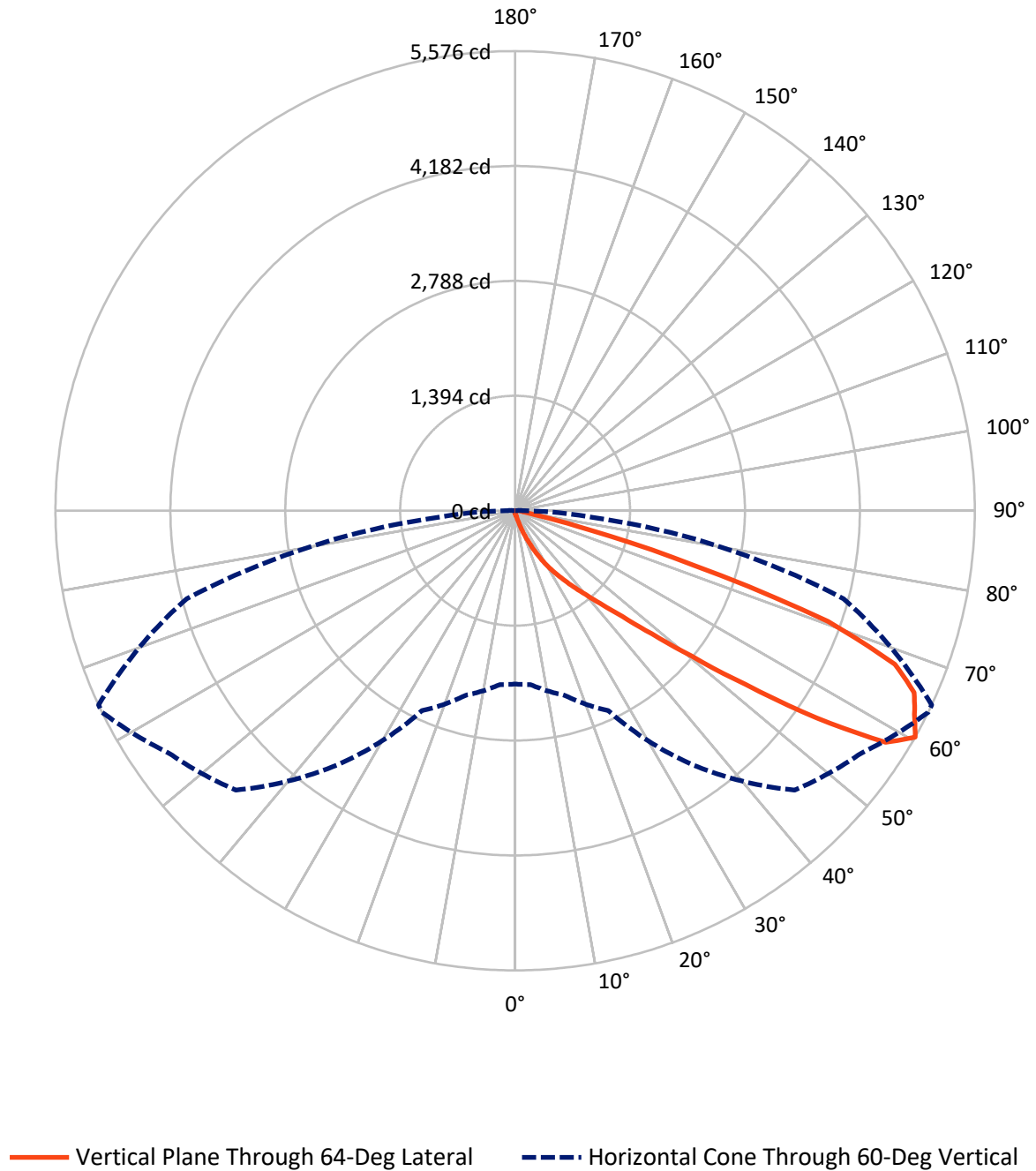


Based on 15 foot mounting height. Maximum calculated value = 7.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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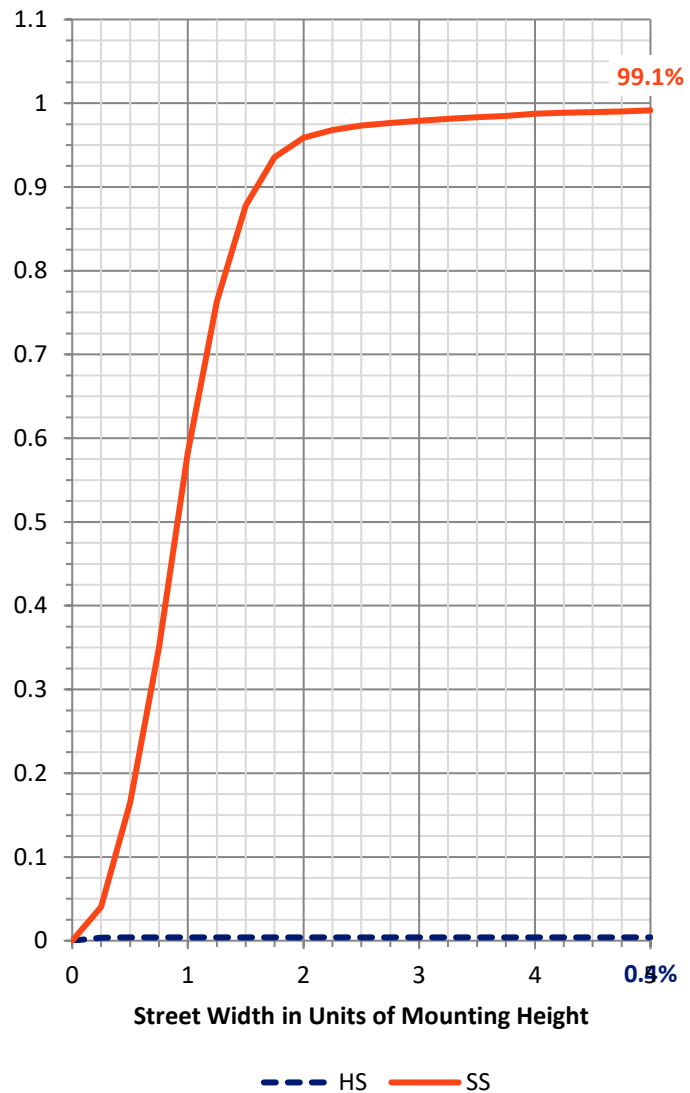
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.1	0.0	20.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4941.0	0.0	4941.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	4961.1	0.0	4961.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.9	0.1
10°-20°	48.8	1.0
20°-30°	161.9	3.3
30°-40°	432.0	8.7
40°-50°	1098.1	22.1
50°-60°	1600.9	32.3
60°-70°	1236.5	24.9
70°-80°	339.6	6.8
80°-90°	38.3	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°	4961.1	100.0
0°-180°	4961.1	100.0



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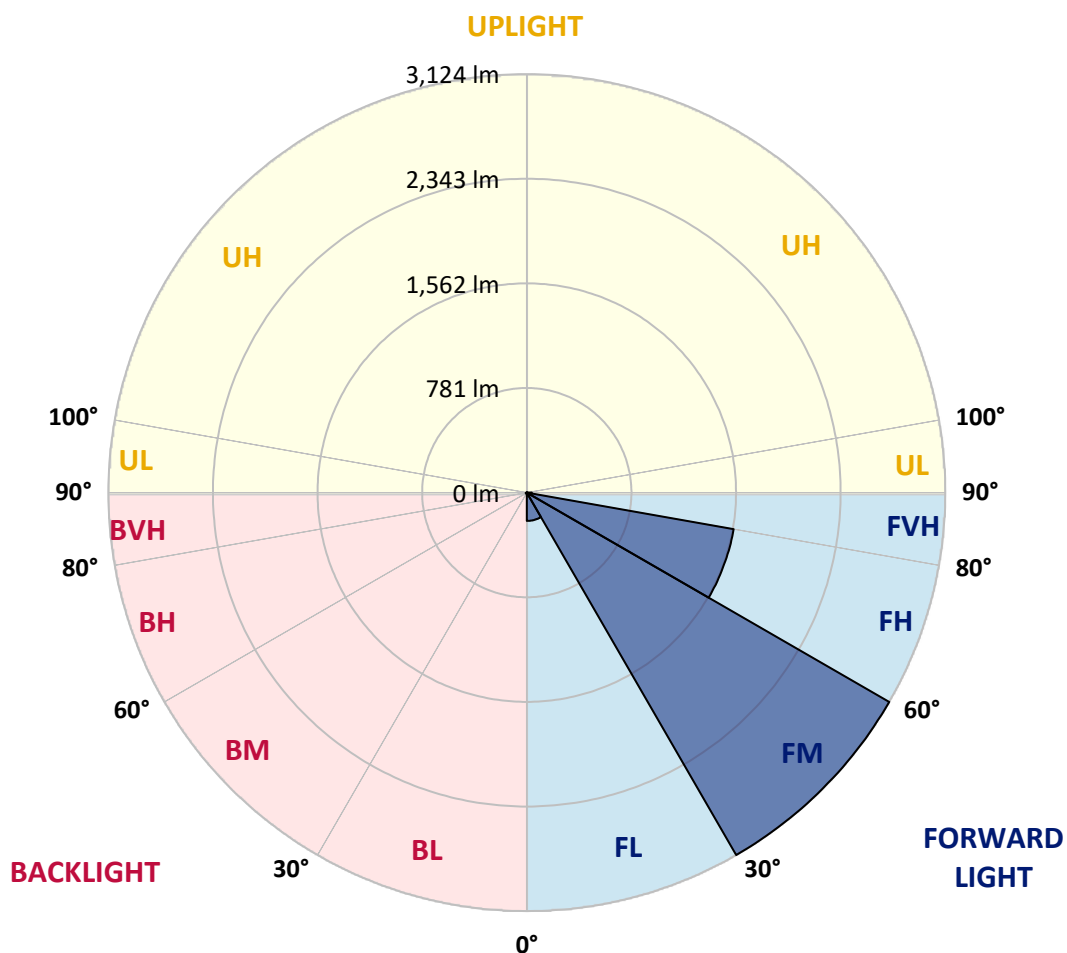
CATALOG NUMBER: NAV-SA1C-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	211.1	4.3			
FM	(30°-60°)	3124.4	63.0			
FH	(60°-80°)	1568.1	31.6			G1/1800
FVH	(80°-90°)	37.4	0.8			G1/100
BL	(0°-30°)	4.5	0.1	B0/110		
BM	(30°-60°)	6.7	0.1	B0/220		
BH	(60°-80°)	8.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
2.5°	43.7	43.7	43.7	42.3	41.0	41.0	39.6	38.2	38.2	35.5	34.1
5°	66.9	66.9	64.2	61.5	57.4	51.9	46.4	42.3	42.3	38.2	35.5
7.5°	131.1	135.2	122.9	107.9	87.4	73.7	58.7	49.2	47.8	41.0	35.5
10°	284.0	281.3	262.2	225.3	177.5	128.4	81.9	60.1	57.4	43.7	35.5
12.5°	427.4	431.5	411.0	370.1	312.7	228.1	140.7	77.8	75.1	47.8	35.5
15°	550.3	550.3	536.7	516.2	453.4	364.6	226.7	116.1	106.5	51.9	34.1
17.5°	635.0	633.6	628.2	622.7	585.8	494.3	346.9	185.7	163.9	61.5	34.1
20°	730.6	726.5	733.3	722.4	693.7	621.3	473.9	275.9	255.4	77.8	34.1
22.5°	830.3	834.4	839.8	828.9	797.5	734.7	607.7	391.9	370.1	107.9	35.5
25°	957.3	954.6	966.8	957.3	917.7	843.9	733.3	518.9	487.5	150.2	38.2
27.5°	1113.0	1107.5	1115.7	1091.1	1039.2	964.1	845.3	648.7	611.8	215.8	43.7
30°	1319.2	1323.3	1286.4	1257.7	1184.0	1084.3	969.6	788.0	749.7	293.6	49.2
32.5°	1644.2	1615.5	1558.2	1442.1	1345.1	1218.1	1093.8	909.5	875.4	393.3	57.4
35°	2150.8	2156.3	2030.7	1743.9	1533.6	1386.1	1230.4	1043.3	1018.7	506.6	68.3
37.5°	2768.1	2753.1	2642.4	2280.6	1809.4	1595.0	1386.1	1189.4	1153.9	629.5	81.9
40°	3467.3	3404.5	3340.3	3094.5	2384.3	1857.2	1582.7	1358.8	1331.5	771.6	103.8
42.5°	4027.2	4010.8	4021.7	3919.3	3343.0	2303.8	1843.6	1566.3	1533.6	947.7	142.0
45°	4303.0	4279.8	4345.4	4421.8	4274.3	3254.2	2264.2	1831.3	1787.6	1155.3	200.7
47.5°	4229.3	4212.9	4353.5	4503.8	4700.4	4356.3	2951.1	2227.3	2152.2	1421.6	288.1
50°	3866.0	3867.4	4098.2	4378.1	4689.5	4914.8	3968.4	2769.4	2675.2	1775.3	424.7
52.5°	3512.3	3523.3	3767.7	4176.0	4527.0	4980.4	4861.5	3500.0	3347.1	2191.8	585.8
55°	3149.1	3154.5	3370.3	3945.2	4450.5	4785.1	5320.4	4440.9	4278.4	2710.7	742.9
57.5°	2799.5	2799.5	2880.1	3390.8	4367.2	4767.3	5265.8	5301.3	5168.8	3303.4	859.0
60°	2103.0	2116.7	2317.4	2675.2	3766.3	4793.3	5126.5	5575.8	5575.8	4125.5	947.7
62.5°	1062.4	1082.9	1332.8	1681.1	2583.7	4435.5	5148.3	5437.8	5459.7	4850.6	1149.8
65°	498.4	521.7	655.5	901.3	1390.2	3121.8	4921.6	5320.4	5313.6	4712.7	1575.9
67.5°	357.8	364.6	409.7	525.8	748.4	1368.3	3756.8	4969.4	4972.2	4004.0	1812.2
70°	320.9	320.9	331.8	366.0	450.6	611.8	1825.8	4024.4	4219.7	3091.7	1679.7
72.5°	316.8	314.1	311.4	312.7	304.5	307.3	626.8	2272.4	2550.9	2163.1	1339.7
75°	308.6	308.6	305.9	296.3	243.1	198.0	215.8	919.1	1062.4	1444.8	994.2
77.5°	244.4	269.0	297.7	279.9	222.6	148.9	125.6	266.3	335.9	886.3	721.0
80°	113.3	114.7	113.3	118.8	142.0	106.5	92.9	129.7	131.1	491.6	446.6
82.5°	81.9	83.3	79.2	71.0	62.8	57.4	76.5	95.6	102.4	225.3	166.6
85°	24.6	23.2	27.3	36.9	43.7	50.5	64.2	80.6	84.7	83.3	24.6
87.5°	10.9	10.9	13.7	19.1	25.9	38.2	56.0	73.7	75.1	86.0	6.8
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-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
2.5°	34.1	32.8	31.4	30.0	28.7	27.3	25.9	25.9	27.3	27.3	27.3
5°	32.8	31.4	28.7	25.9	24.6	23.2	21.8	21.8	23.2	23.2	23.2
7.5°	32.8	30.0	27.3	24.6	21.8	20.5	19.1	19.1	19.1	20.5	20.5
10°	32.8	30.0	25.9	21.8	19.1	17.8	16.4	15.0	16.4	16.4	16.4
12.5°	31.4	28.7	24.6	20.5	16.4	13.7	12.3	12.3	12.3	12.3	12.3
15°	30.0	27.3	23.2	17.8	13.7	10.9	8.2	8.2	8.2	9.6	9.6
17.5°	28.7	25.9	20.5	13.7	9.6	6.8	5.5	5.5	5.5	6.8	6.8
20°	28.7	24.6	17.8	10.9	6.8	4.1	2.7	2.7	2.7	4.1	5.5
22.5°	28.7	24.6	16.4	8.2	4.1	2.7	1.4	1.4	1.4	1.4	1.4
25°	28.7	23.2	15.0	6.8	2.7	1.4	0.0	0.0	1.4	2.7	4.1
27.5°	28.7	21.8	12.3	4.1	2.7	1.4	0.0	1.4	2.7	2.7	2.7
30°	28.7	21.8	10.9	4.1	1.4	0.0	0.0	1.4	2.7	2.7	4.1
32.5°	30.0	20.5	9.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	31.4	19.1	8.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	34.1	19.1	5.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	38.2	20.5	5.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	47.8	21.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	66.9	27.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	98.3	41.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	143.4	56.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	176.2	56.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	174.8	35.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	133.8	24.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	113.3	17.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	136.6	13.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	243.1	12.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	390.6	12.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	437.0	12.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	341.4	10.9	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	187.1	9.6	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	94.2	6.8	2.7	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
80°	39.6	5.5	2.7	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
82.5°	13.7	5.5	2.7	2.7	1.4	1.4	0.0	0.0	0.0	0.0	0.0
85°	6.8	4.1	4.1	2.7	2.7	1.4	1.4	0.0	0.0	0.0	0.0
87.5°	4.1	4.1	4.1	2.7	2.7	1.4	1.4	0.0	0.0	0.0	1.4
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

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 7-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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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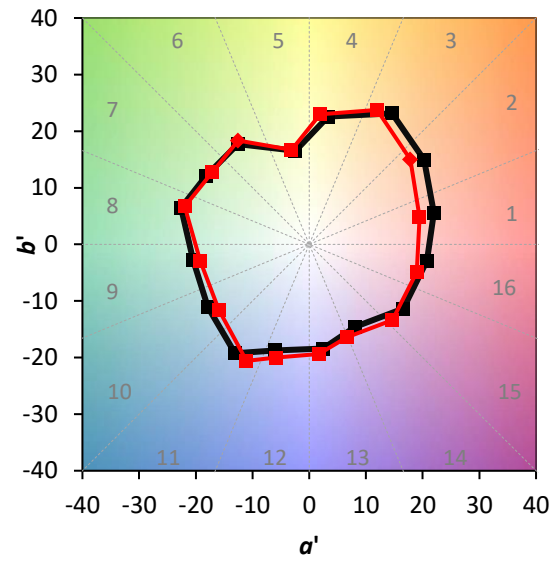
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

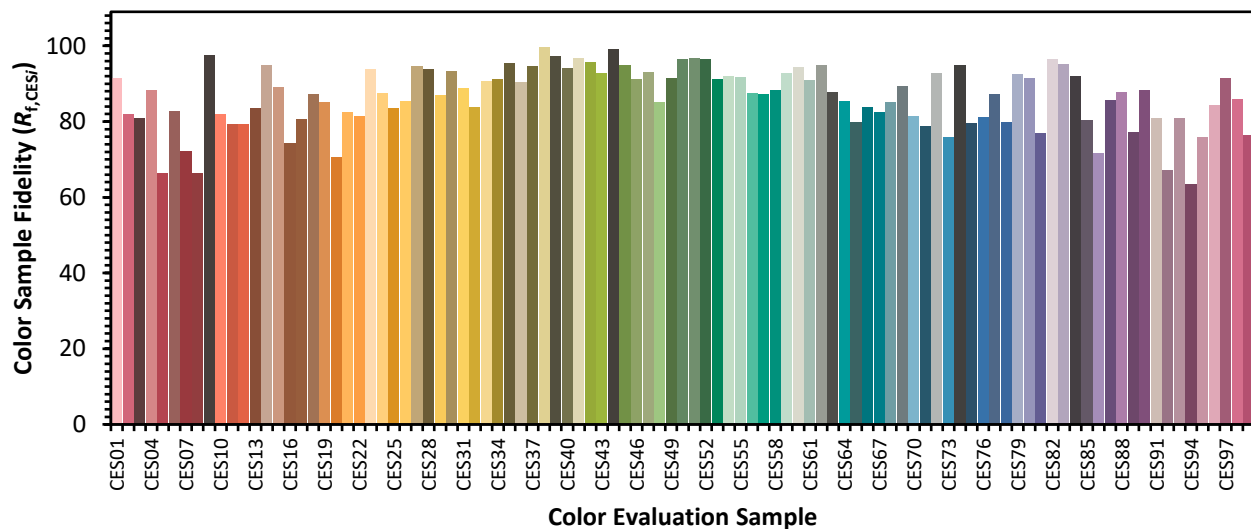


Color Vector Graphics



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

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)