

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: P1067227

Luminaire Tested: **NAV-SA2C-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067227
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2C-730-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10026.8 lumens
Efficiency: N/A
Efficacy: 104.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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



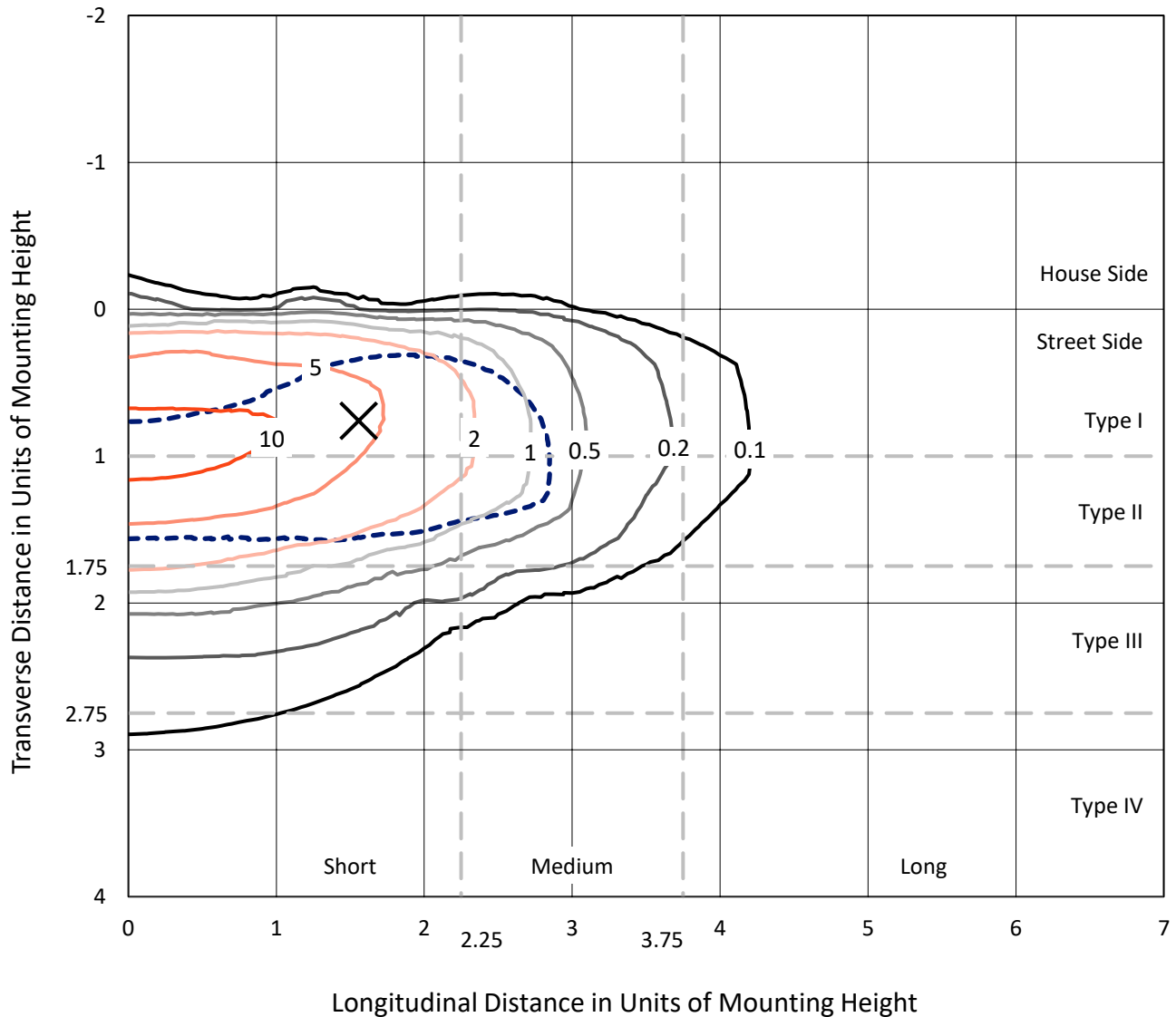
REPORT NUMBER: P1067227

CATALOG NUMBER: NAV-SA2C-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

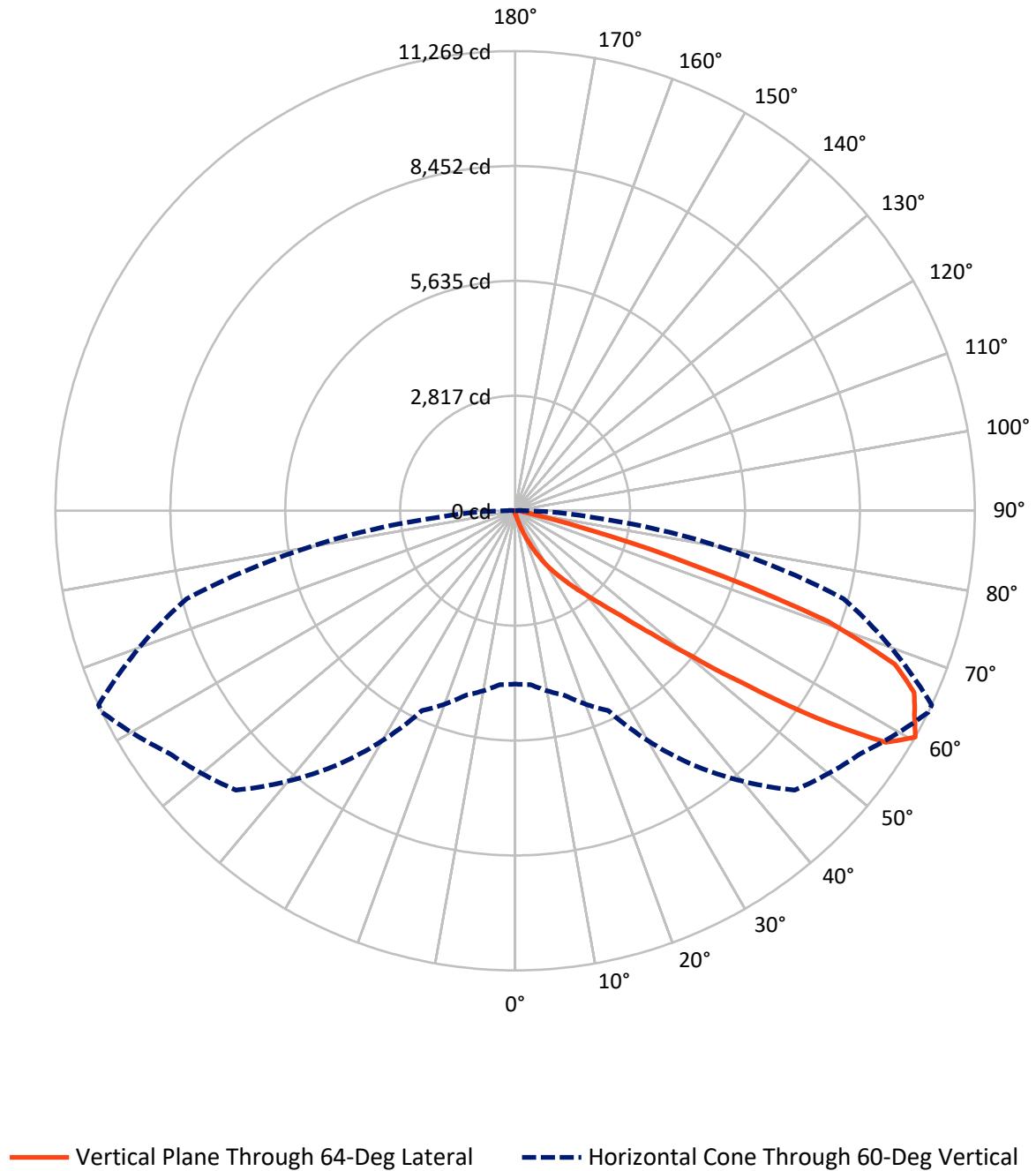


Based on 15 foot mounting height. Maximum calculated value = 14.4 fc
 Type II - Short - N/A

REPORT NUMBER: P1067227

CATALOG NUMBER: NAV-SA2C-730-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067227

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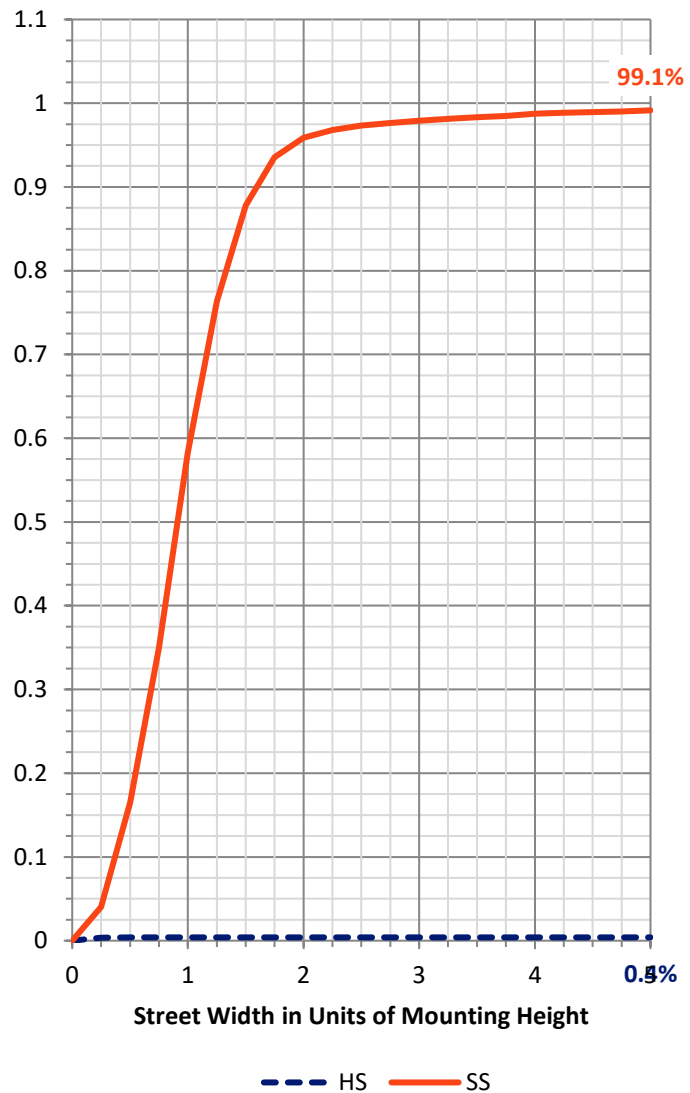
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	40.7	0.0	40.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9986.1	0.0	9986.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	10026.8	0.0	10026.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.0	0.1
10°-20°	98.5	1.0
20°-30°	327.2	3.3
30°-40°	873.2	8.7
40°-50°	2219.5	22.1
50°-60°	3235.5	32.3
60°-70°	2499.1	24.9
70°-80°	686.3	6.8
80°-90°	77.5	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°	10026.8	100.0
0°-180°	10026.8	100.0



REPORT NUMBER: P1067227

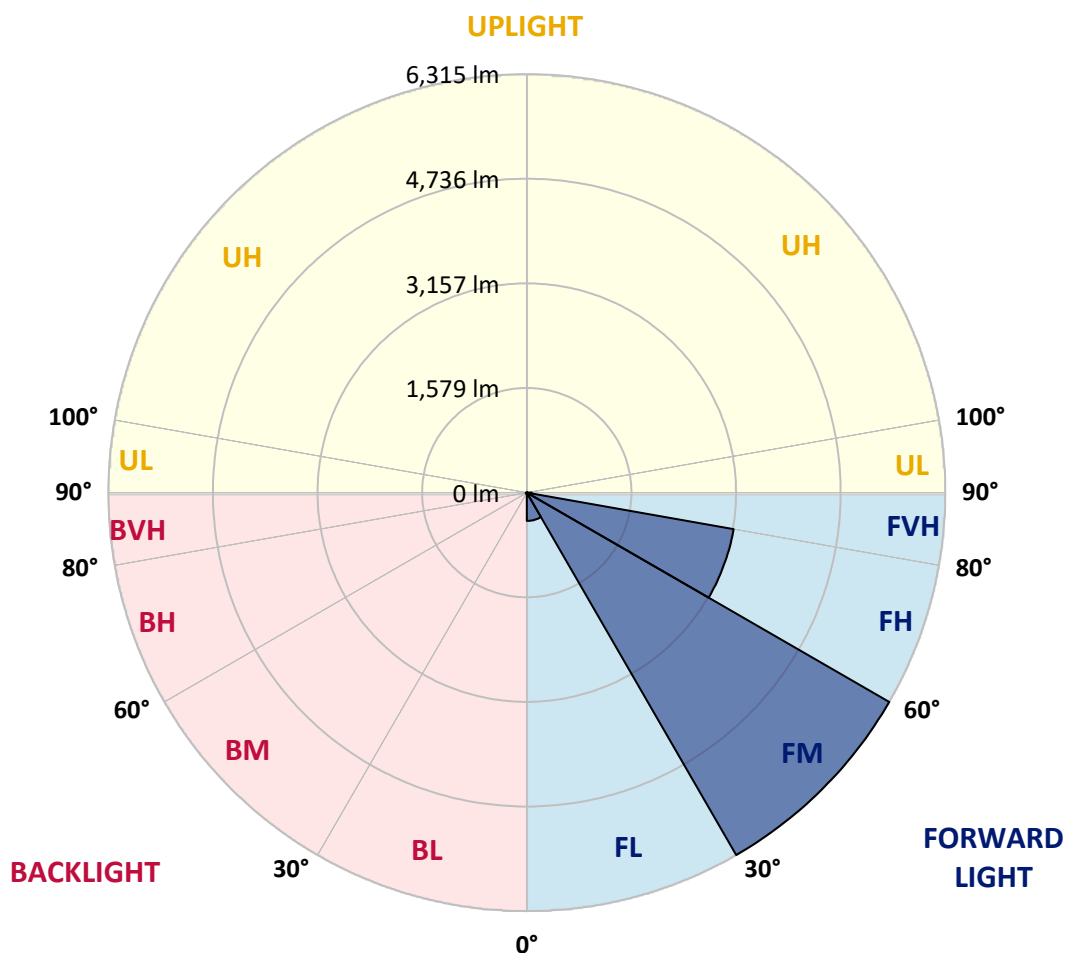
CATALOG NUMBER: NAV-SA2C-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	426.6	4.3			
FM	(30°-60°)	6314.7	63.0			
FH	(60°-80°)	3169.2	31.6			G2/5000
FVH	(80°-90°)	75.6	0.8			G1/100
BL	(0°-30°)	9.1	0.1	B0/110		
BM	(30°-60°)	13.5	0.1	B0/220		
BH	(60°-80°)	16.2	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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





REPORT NUMBER: P1067227

CATALOG NUMBER: NAV-SA2C-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
2.5°	88.3	88.3	88.3	85.6	82.8	82.8	80.0	77.3	77.3	71.8	69.0
5°	135.2	135.2	129.7	124.2	115.9	104.9	93.8	85.6	85.6	77.3	71.8
7.5°	265.0	273.2	248.4	218.0	176.6	149.0	118.7	99.4	96.6	82.8	71.8
10°	574.1	568.6	529.9	455.4	358.8	259.4	165.6	121.4	115.9	88.3	71.8
12.5°	863.9	872.2	830.8	748.0	632.0	460.9	284.3	157.3	151.8	96.6	71.8
15°	1112.3	1112.3	1084.7	1043.3	916.3	736.9	458.2	234.6	215.3	104.9	69.0
17.5°	1283.4	1280.6	1269.6	1258.6	1184.0	999.1	701.0	375.4	331.2	124.2	69.0
20°	1476.6	1468.3	1482.1	1460.0	1402.1	1255.8	957.7	557.5	516.1	157.3	69.0
22.5°	1678.1	1686.4	1697.4	1675.3	1611.8	1484.9	1228.2	792.1	748.0	218.0	71.8
25°	1934.8	1929.2	1954.1	1934.8	1854.7	1705.7	1482.1	1048.8	985.3	303.6	77.3
27.5°	2249.4	2238.4	2254.9	2205.2	2100.4	1948.6	1708.4	1311.0	1236.5	436.1	88.3
30°	2666.2	2674.4	2599.9	2542.0	2392.9	2191.4	1959.6	1592.5	1515.2	593.4	99.4
32.5°	3323.0	3265.1	3149.2	2914.6	2718.6	2461.9	2210.8	1838.2	1769.2	794.9	115.9
35°	4347.0	4358.0	4104.1	3524.5	3099.5	2801.4	2486.8	2108.6	2059.0	1024.0	138.0
37.5°	5594.5	5564.2	5340.6	4609.2	3657.0	3223.7	2801.4	2404.0	2332.2	1272.4	165.6
40°	7007.7	6880.7	6751.0	6254.2	4819.0	3753.6	3198.8	2746.2	2691.0	1559.4	209.8
42.5°	8139.3	8106.1	8128.2	7921.2	6756.5	4656.1	3726.0	3165.7	3099.5	1915.4	287.0
45°	8696.8	8649.9	8782.3	8936.9	8638.8	6577.1	4576.1	3701.2	3612.8	2335.0	405.7
47.5°	8547.7	8514.6	8798.9	9102.5	9499.9	8804.4	5964.4	4501.6	4349.8	2873.2	582.4
50°	7813.6	7816.3	8282.8	8848.6	9477.9	9933.3	8020.6	5597.3	5406.9	3588.0	858.4
52.5°	7098.7	7120.8	7614.9	8440.1	9149.4	10065.7	9825.6	7073.9	6764.8	4429.8	1184.0
55°	6364.6	6375.6	6811.7	7973.7	8994.9	9671.1	10753.0	8975.5	8647.1	5478.6	1501.4
57.5°	5658.0	5658.0	5820.9	6853.1	8826.5	9635.2	10642.6	10714.3	10446.6	6676.5	1736.0
60°	4250.4	4278.0	4683.7	5406.9	7612.1	9687.6	10361.1	11269.1	11269.1	8338.0	1915.4
62.5°	2147.3	2188.7	2693.8	3397.6	5221.9	8964.5	10405.2	10990.3	11034.5	9803.5	2323.9
65°	1007.4	1054.3	1324.8	1821.6	2809.7	6309.4	9947.1	10753.0	10739.2	9524.8	3185.0
67.5°	723.1	736.9	828.0	1062.6	1512.5	2765.5	7592.8	10043.7	10049.2	8092.3	3662.5
70°	648.6	648.6	670.7	739.7	910.8	1236.5	3690.1	8133.7	8528.4	6248.7	3394.8
72.5°	640.3	634.8	629.3	632.0	615.5	621.0	1266.8	4592.6	5155.7	4371.8	2707.6
75°	623.8	623.8	618.2	598.9	491.3	400.2	436.1	1857.5	2147.3	2920.1	2009.3
77.5°	494.0	543.7	601.7	565.8	449.9	300.8	253.9	538.2	679.0	1791.2	1457.3
80°	229.1	231.8	229.1	240.1	287.0	215.3	187.7	262.2	265.0	993.6	902.5
82.5°	165.6	168.4	160.1	143.5	127.0	115.9	154.6	193.2	207.0	455.4	336.7
85°	49.7	46.9	55.2	74.5	88.3	102.1	129.7	162.8	171.1	168.4	49.7
87.5°	22.1	22.1	27.6	38.6	52.4	77.3	113.2	149.0	151.8	173.9	13.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067227

CATALOG NUMBER: NAV-SA2C-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
2.5°	69.0	66.2	63.5	60.7	58.0	55.2	52.4	52.4	55.2	55.2	55.2
5°	66.2	63.5	58.0	52.4	49.7	46.9	44.2	44.2	46.9	46.9	46.9
7.5°	66.2	60.7	55.2	49.7	44.2	41.4	38.6	38.6	38.6	41.4	41.4
10°	66.2	60.7	52.4	44.2	38.6	35.9	33.1	30.4	33.1	33.1	33.1
12.5°	63.5	58.0	49.7	41.4	33.1	27.6	24.8	24.8	24.8	24.8	24.8
15°	60.7	55.2	46.9	35.9	27.6	22.1	16.6	16.6	16.6	19.3	19.3
17.5°	58.0	52.4	41.4	27.6	19.3	13.8	11.0	11.0	11.0	13.8	13.8
20°	58.0	49.7	35.9	22.1	13.8	8.3	5.5	5.5	5.5	8.3	11.0
22.5°	58.0	49.7	33.1	16.6	8.3	5.5	2.8	2.8	2.8	2.8	2.8
25°	58.0	46.9	30.4	13.8	5.5	2.8	0.0	0.0	2.8	5.5	8.3
27.5°	58.0	44.2	24.8	8.3	5.5	2.8	0.0	2.8	5.5	5.5	5.5
30°	58.0	44.2	22.1	8.3	2.8	0.0	0.0	2.8	5.5	5.5	8.3
32.5°	60.7	41.4	19.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	63.5	38.6	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	69.0	38.6	11.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	77.3	41.4	11.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	96.6	44.2	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	135.2	55.2	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	198.7	82.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	289.8	113.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	356.0	113.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	353.3	71.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	270.5	49.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	229.1	35.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	276.0	27.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	491.3	24.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	789.4	24.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	883.2	24.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	690.0	22.1	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	378.1	19.3	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	190.4	13.8	5.5	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	80.0	11.0	5.5	2.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	27.6	11.0	5.5	5.5	2.8	2.8	0.0	0.0	0.0	0.0	0.0
85°	13.8	8.3	8.3	5.5	5.5	2.8	2.8	0.0	0.0	0.0	0.0
87.5°	8.3	8.3	8.3	5.5	5.5	2.8	2.8	0.0	0.0	0.0	2.8
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

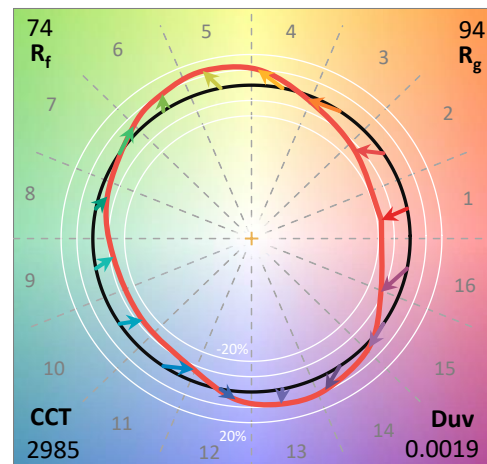
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

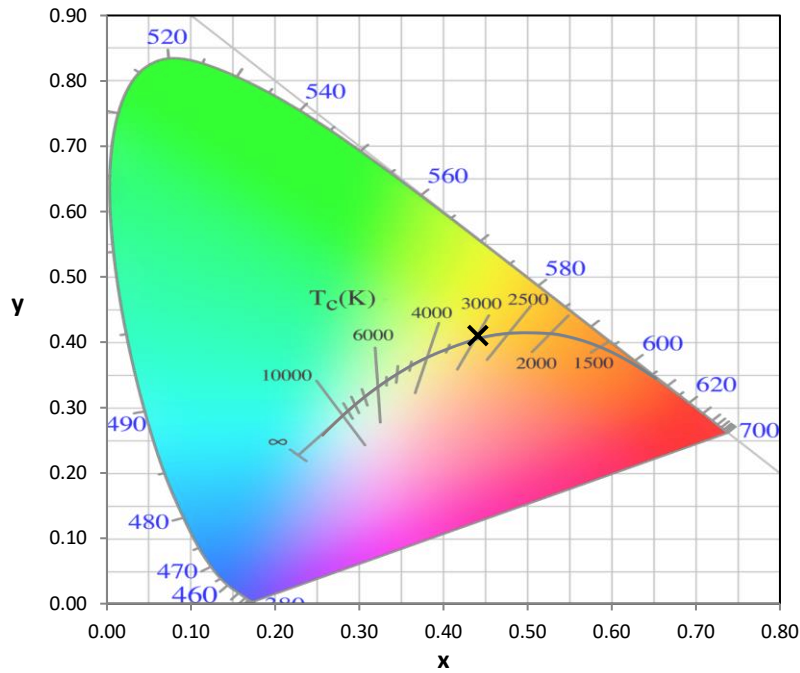
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

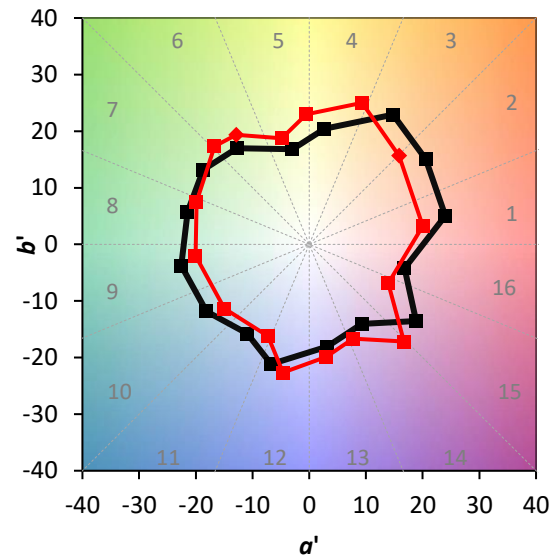
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE R_a = 70.8$
 $R_g = -43.2$



Color Vector Graphics



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

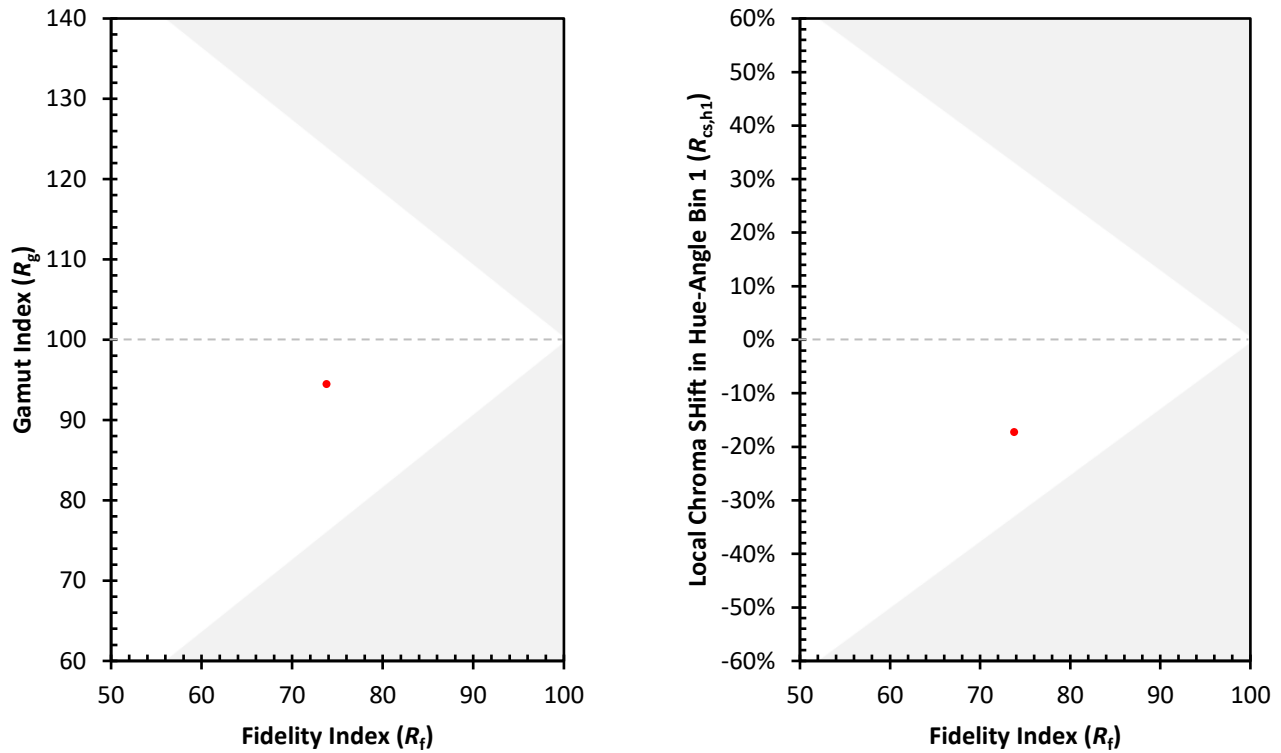
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)