

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: P1067239

Luminaire Tested: **NAV-SA5C-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067239
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5C-730-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24761.9 lumens
Efficiency: N/A
Efficacy: 104.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 236
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

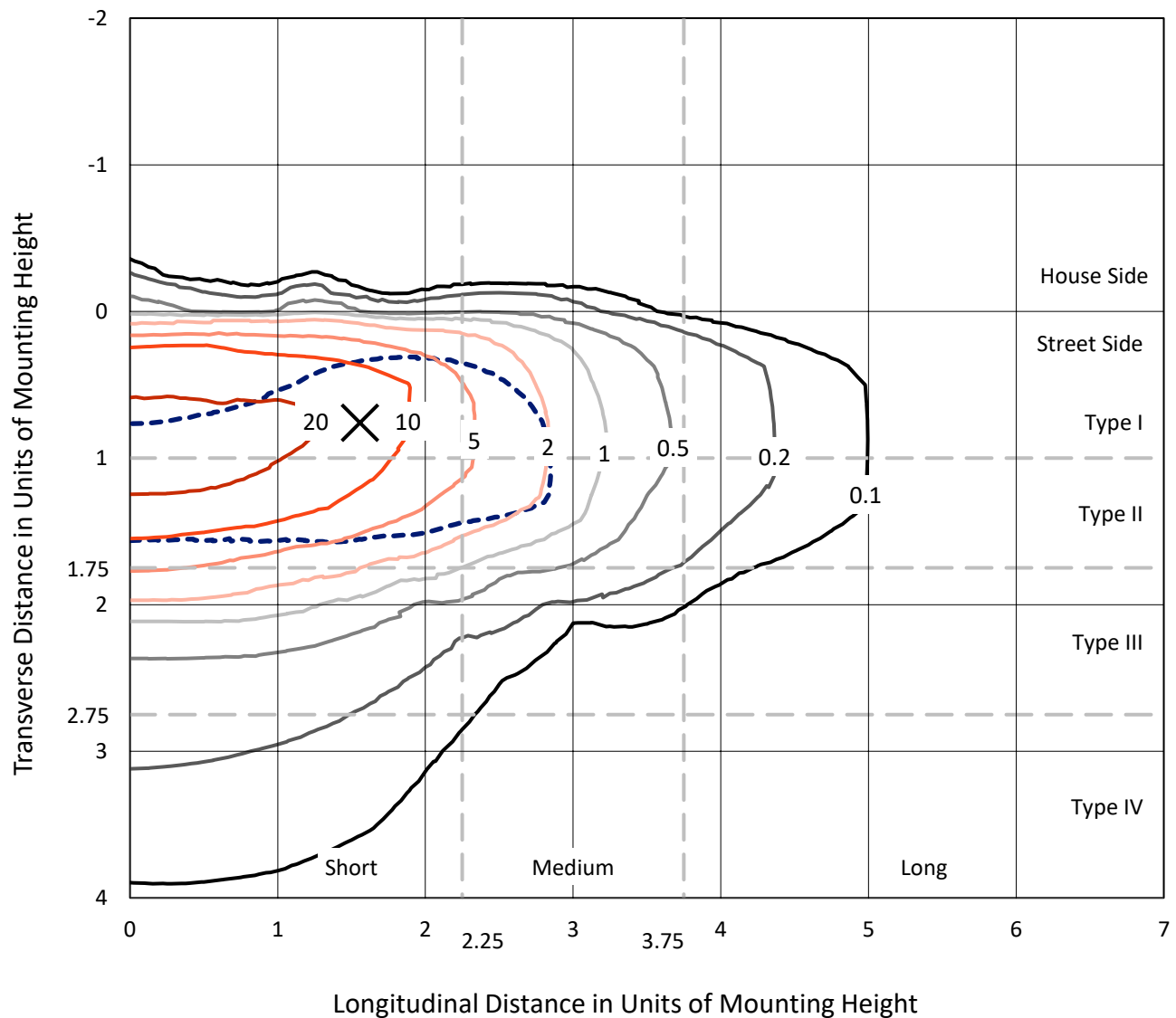


REPORT NUMBER: P1067239

CATALOG NUMBER: NAV-SA5C-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

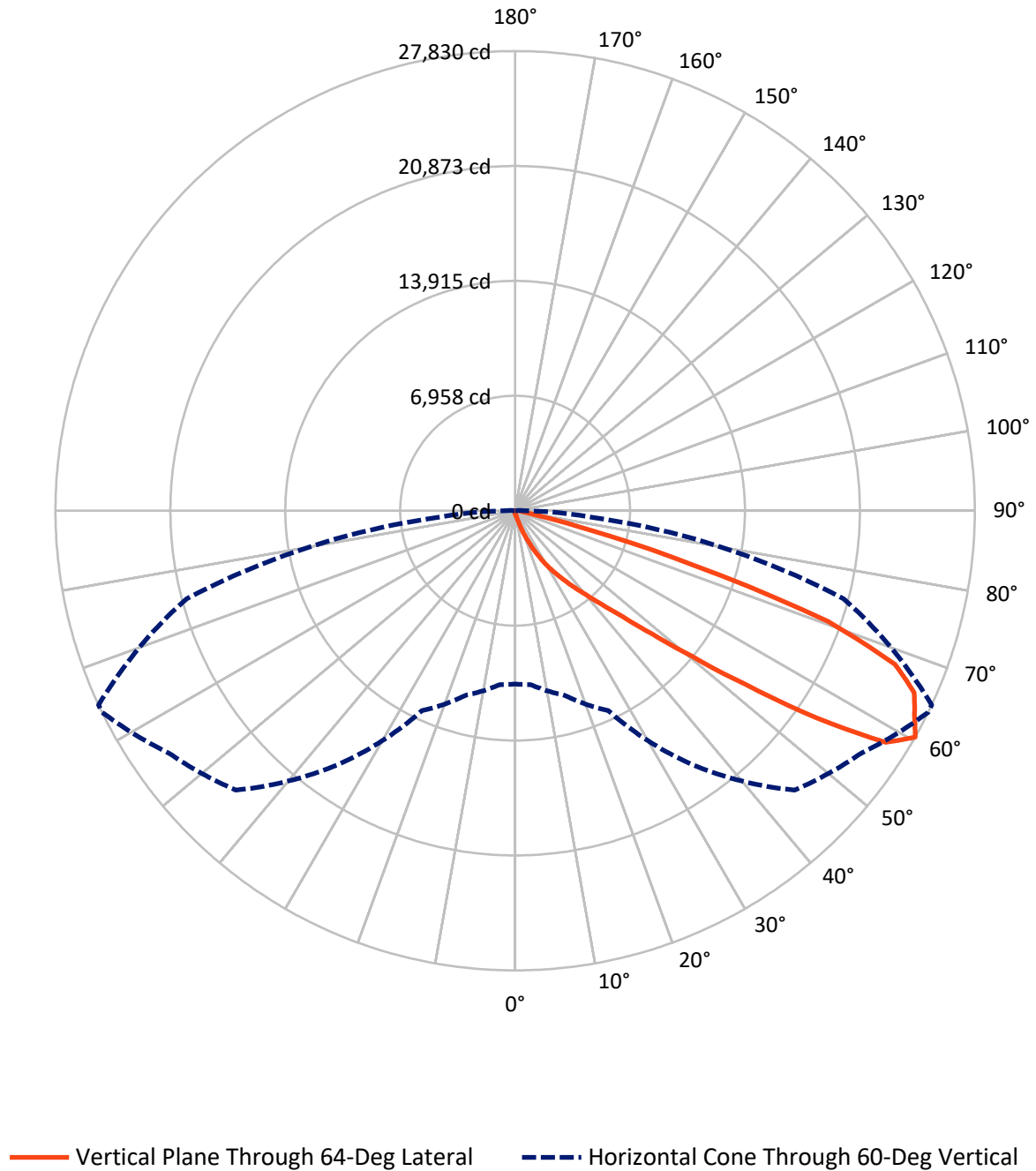


Based on 15 foot mounting height. Maximum calculated value = 35.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1067239

CATALOG NUMBER: NAV-SA5C-730-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067239

CATALOG NUMBER: NAV-SA5C-730-U-T2BC

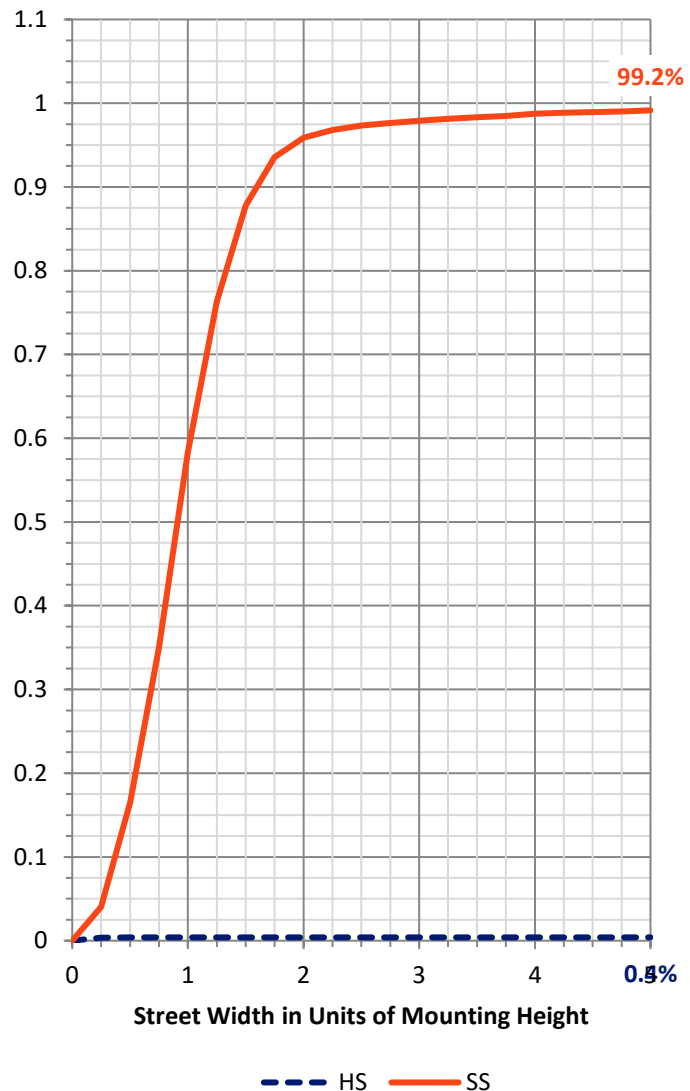
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	100.4	0.0	100.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24661.5	0.0	24661.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	24761.9	0.0	24761.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.6	0.1
10°-20°	243.3	1.0
20°-30°	808.2	3.3
30°-40°	2156.4	8.7
40°-50°	5481.1	22.1
50°-60°	7990.3	32.3
60°-70°	6171.7	24.9
70°-80°	1694.9	6.8
80°-90°	191.3	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°	24761.9	100.0
0°-180°	24761.9	100.0



REPORT NUMBER: P1067239

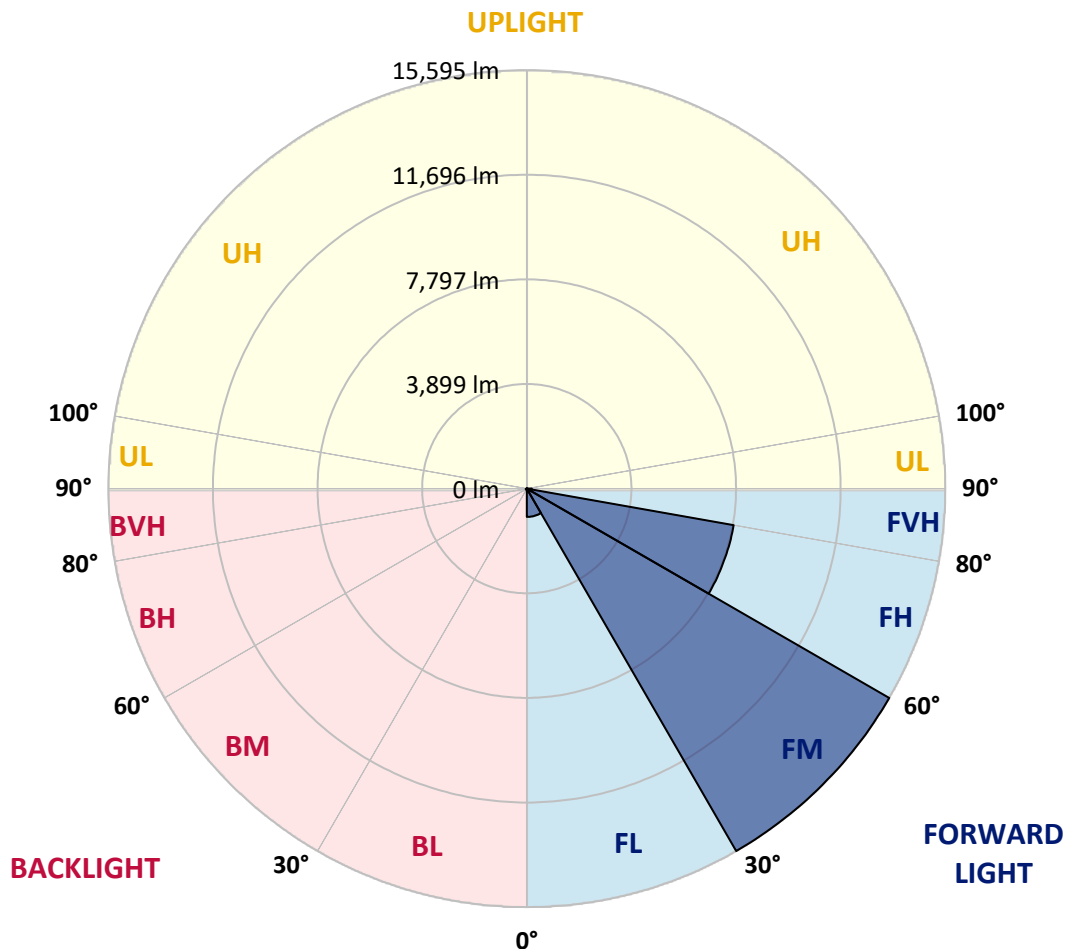
CATALOG NUMBER: NAV-SA5C-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1053.6	4.3			
FM	(30°-60°)	15594.6	63.0			
FH	(60°-80°)	7826.6	31.6			G4/12000
FVH	(80°-90°)	186.8	0.8			G2/225
BL	(0°-30°)	22.5	0.1	B0/110		
BM	(30°-60°)	33.3	0.1	B0/220		
BH	(60°-80°)	40.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	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 II Short



REPORT NUMBER: P1067239

CATALOG NUMBER: NAV-SA5C-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	163.6	163.6	163.6	163.6	163.6	163.6	163.6	163.6	163.6	163.6	163.6
2.5°	218.1	218.1	218.1	211.3	204.5	204.5	197.7	190.8	190.8	177.2	170.4
5°	334.0	334.0	320.4	306.7	286.3	259.0	231.7	211.3	211.3	190.8	177.2
7.5°	654.3	674.8	613.4	538.5	436.2	368.1	293.1	245.4	238.6	204.5	177.2
10°	1417.7	1404.1	1308.7	1124.7	886.1	640.7	409.0	299.9	286.3	218.1	177.2
12.5°	2133.4	2153.9	2051.6	1847.2	1560.9	1138.3	702.1	388.5	374.9	238.6	177.2
15°	2746.9	2746.9	2678.7	2576.5	2262.9	1819.9	1131.5	579.4	531.7	259.0	170.4
17.5°	3169.5	3162.7	3135.4	3108.1	2924.1	2467.4	1731.3	927.0	817.9	306.7	170.4
20°	3646.6	3626.1	3660.2	3605.7	3462.6	3101.3	2365.2	1376.8	1274.6	388.5	170.4
22.5°	4144.2	4164.6	4191.9	4137.4	3980.6	3667.0	3033.2	1956.2	1847.2	538.5	177.2
25°	4778.1	4764.4	4825.8	4778.1	4580.4	4212.3	3660.2	2590.1	2433.3	749.8	190.8
27.5°	5555.1	5527.8	5568.7	5446.0	5187.0	4812.1	4219.1	3237.6	3053.6	1076.9	218.1
30°	6584.3	6604.8	6420.7	6277.6	5909.5	5412.0	4839.4	3932.9	3742.0	1465.5	245.4
32.5°	8206.5	8063.4	7777.1	7197.8	6713.8	6079.9	5459.7	4539.5	4369.1	1963.0	286.3
35°	10735.3	10762.6	10135.5	8704.1	7654.4	6918.3	6141.3	5207.5	5084.8	2528.8	340.8
37.5°	13816.2	13741.2	13189.1	11382.8	9031.3	7961.2	6918.3	5936.8	5759.6	3142.2	409.0
40°	17306.0	16992.5	16672.1	15445.2	11900.9	9269.9	7899.8	6782.0	6645.7	3851.1	518.0
42.5°	20100.6	20018.8	20073.3	19562.1	16685.7	11498.7	9201.7	7818.0	7654.4	4730.4	708.9
45°	21477.4	21361.6	21688.7	22070.4	21334.3	16242.7	11301.0	9140.3	8922.2	5766.4	1002.0
47.5°	21109.4	21027.6	21729.6	22479.4	23460.9	21743.3	14729.5	11117.0	10742.1	7095.5	1438.2
50°	19296.3	19303.1	20455.0	21852.3	23406.4	24531.0	19807.5	13823.0	13352.7	8860.9	2119.8
52.5°	17530.9	17585.5	18805.5	20843.5	22595.3	24858.2	24265.2	17469.6	16706.2	10939.8	2924.1
55°	15717.9	15745.1	16822.1	19691.6	22213.6	23883.5	26555.4	22165.9	21354.7	13529.9	3707.9
57.5°	13972.9	13972.9	14375.1	16924.3	21797.8	23794.9	26282.8	26460.0	25798.8	16488.1	4287.3
60°	10496.7	10564.9	11566.9	13352.7	18798.7	23924.4	25587.5	27830.0	27830.0	20591.3	4730.4
62.5°	5302.9	5405.1	6652.5	8390.6	12896.0	22138.6	25696.6	27141.6	27250.6	24210.7	5739.1
65°	2487.9	2603.7	3271.7	4498.6	6938.8	15581.5	24565.1	26555.4	26521.3	23522.3	7865.7
67.5°	1785.8	1819.9	2044.8	2624.2	3735.2	6829.7	18751.0	24803.7	24817.3	19984.7	9044.9
70°	1601.8	1601.8	1656.3	1826.7	2249.3	3053.6	9113.1	20087.0	21061.7	15431.6	8383.8
72.5°	1581.3	1567.7	1554.1	1560.9	1520.0	1533.6	3128.6	11341.9	12732.4	10796.7	6686.6
75°	1540.4	1540.4	1526.8	1479.1	1213.3	988.3	1076.9	4587.2	5302.9	7211.4	4962.1
77.5°	1220.1	1342.8	1485.9	1397.3	1111.0	743.0	627.1	1329.1	1676.8	4423.6	3598.9
80°	565.7	572.5	565.7	593.0	708.9	531.7	463.5	647.5	654.3	2453.8	2228.9
82.5°	409.0	415.8	395.3	354.4	313.5	286.3	381.7	477.1	511.2	1124.7	831.6
85°	122.7	115.9	136.3	184.0	218.1	252.2	320.4	402.1	422.6	415.8	122.7
87.5°	54.5	54.5	68.2	95.4	129.5	190.8	279.5	368.1	374.9	429.4	34.1
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: P1067239

CATALOG NUMBER: NAV-SA5C-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	163.6	163.6	163.6	163.6	163.6	163.6	163.6	163.6	163.6	163.6	163.6
2.5°	170.4	163.6	156.8	150.0	143.1	136.3	129.5	129.5	136.3	136.3	136.3
5°	163.6	156.8	143.1	129.5	122.7	115.9	109.1	109.1	115.9	115.9	115.9
7.5°	163.6	150.0	136.3	122.7	109.1	102.2	95.4	95.4	95.4	102.2	102.2
10°	163.6	150.0	129.5	109.1	95.4	88.6	81.8	75.0	81.8	81.8	81.8
12.5°	156.8	143.1	122.7	102.2	81.8	68.2	61.3	61.3	61.3	61.3	61.3
15°	150.0	136.3	115.9	88.6	68.2	54.5	40.9	40.9	40.9	47.7	47.7
17.5°	143.1	129.5	102.2	68.2	47.7	34.1	27.3	27.3	27.3	34.1	34.1
20°	143.1	122.7	88.6	54.5	34.1	20.4	13.6	13.6	13.6	20.4	27.3
22.5°	143.1	122.7	81.8	40.9	20.4	13.6	6.8	6.8	6.8	6.8	6.8
25°	143.1	115.9	75.0	34.1	13.6	6.8	0.0	0.0	6.8	13.6	20.4
27.5°	143.1	109.1	61.3	20.4	13.6	6.8	0.0	6.8	13.6	13.6	13.6
30°	143.1	109.1	54.5	20.4	6.8	0.0	0.0	6.8	13.6	13.6	20.4
32.5°	150.0	102.2	47.7	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	156.8	95.4	40.9	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	170.4	95.4	27.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	190.8	102.2	27.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	238.6	109.1	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	334.0	136.3	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	490.8	204.5	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	715.7	279.5	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	879.3	279.5	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	872.5	177.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	668.0	122.7	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	565.7	88.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	681.6	68.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1213.3	61.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1949.4	61.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2181.1	61.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1704.0	54.5	6.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	933.8	47.7	6.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	470.3	34.1	13.6	6.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	197.7	27.3	13.6	6.8	6.8	6.8	0.0	0.0	0.0	0.0	0.0
82.5°	68.2	27.3	13.6	13.6	6.8	6.8	0.0	0.0	0.0	0.0	0.0
85°	34.1	20.4	20.4	13.6	13.6	6.8	6.8	0.0	0.0	0.0	0.0
87.5°	20.4	20.4	20.4	13.6	13.6	6.8	6.8	0.0	0.0	0.0	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

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

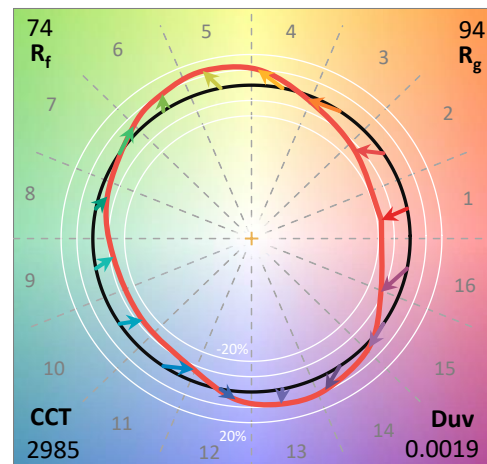
Test Information

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

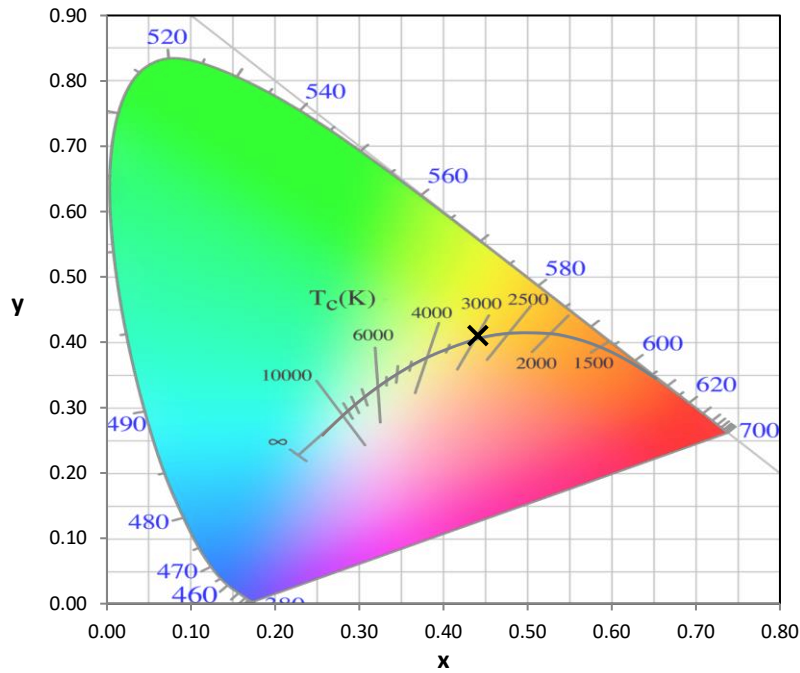
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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 $\text{W}^\wedge/\text{nm}$	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

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 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	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 ($R_{f,i}$)

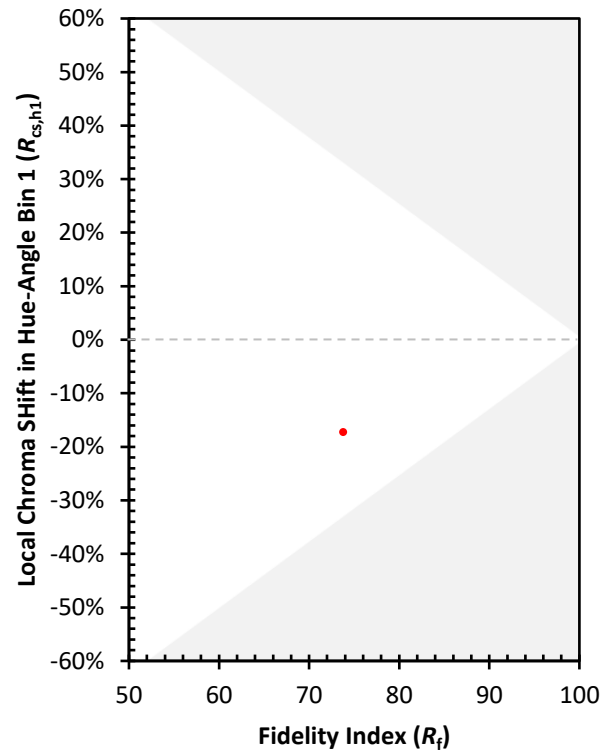
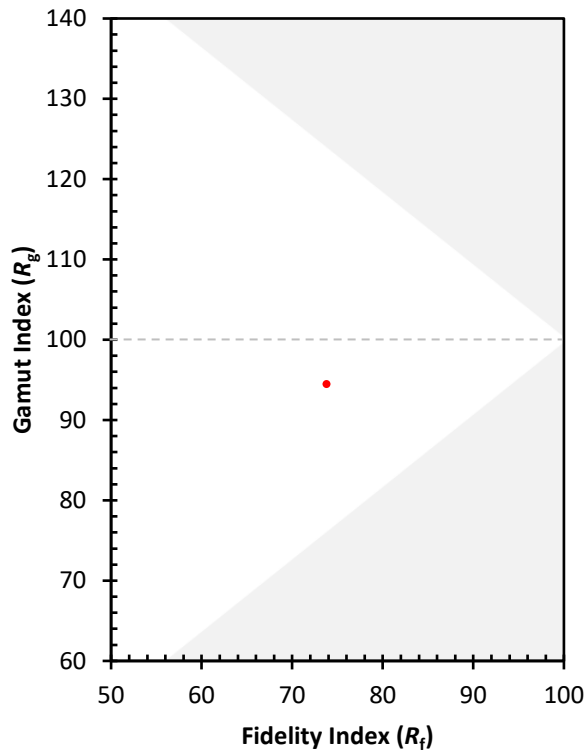
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)