

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: P1067470

Luminaire Tested: **NAV-SA3B-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067470
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3B-730-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12193.8 lumens
Efficiency: N/A
Efficacy: 114.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 106.2
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

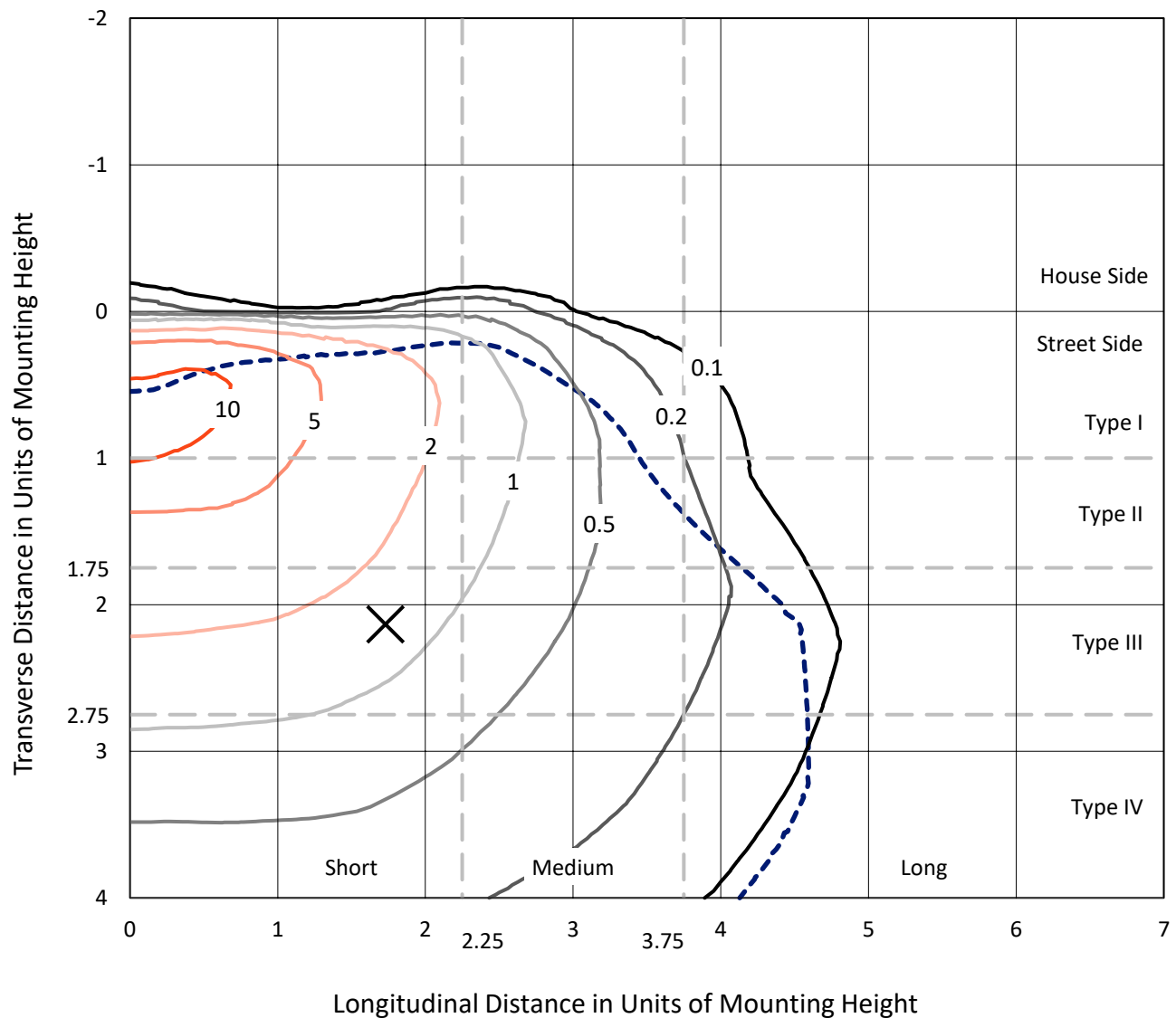


REPORT NUMBER: P1067470

CATALOG NUMBER: NAV-SA3B-730-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

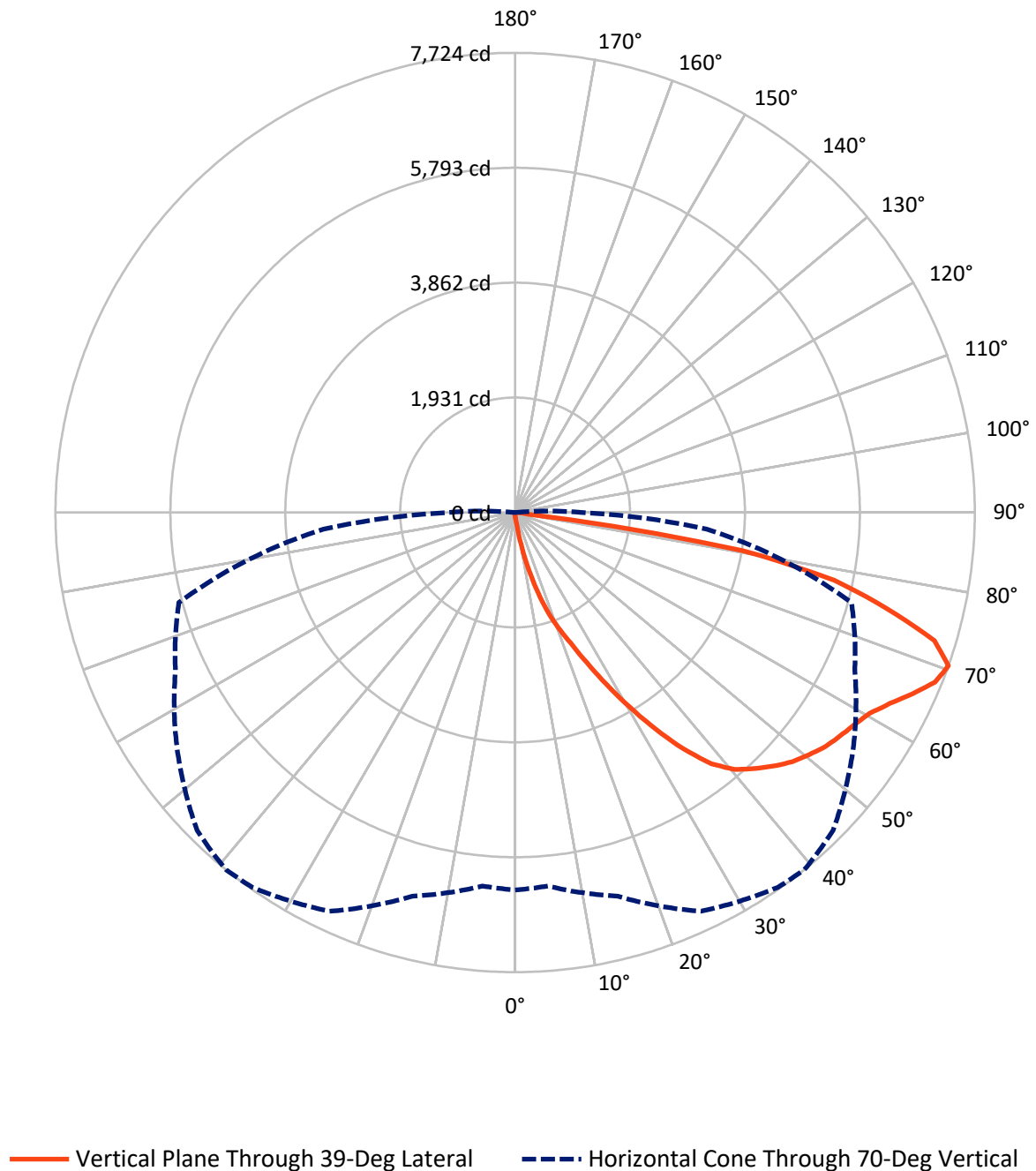


Based on 15 foot mounting height. Maximum calculated value = 13.3 fc
 Type IV - Short - N/A

REPORT NUMBER: P1067470

CATALOG NUMBER: NAV-SA3B-730-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067470

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	37.5	0.0	37.5
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	12156.2	0.0	12156.2
	% Fixture	99.7	0.0	99.7
Total	Lumens	12193.8	0.0	12193.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.8	0.1
10°-20°	149.9	1.2
20°-30°	508.7	4.2
30°-40°	1195.6	9.8
40°-50°	1941.3	15.9
50°-60°	2460.1	20.2
60°-70°	3124.9	25.6
70°-80°	2539.0	20.8
80°-90°	261.4	2.1
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°	12193.8	100.0
0°-180°	12193.8	100.0



REPORT NUMBER: P1067470

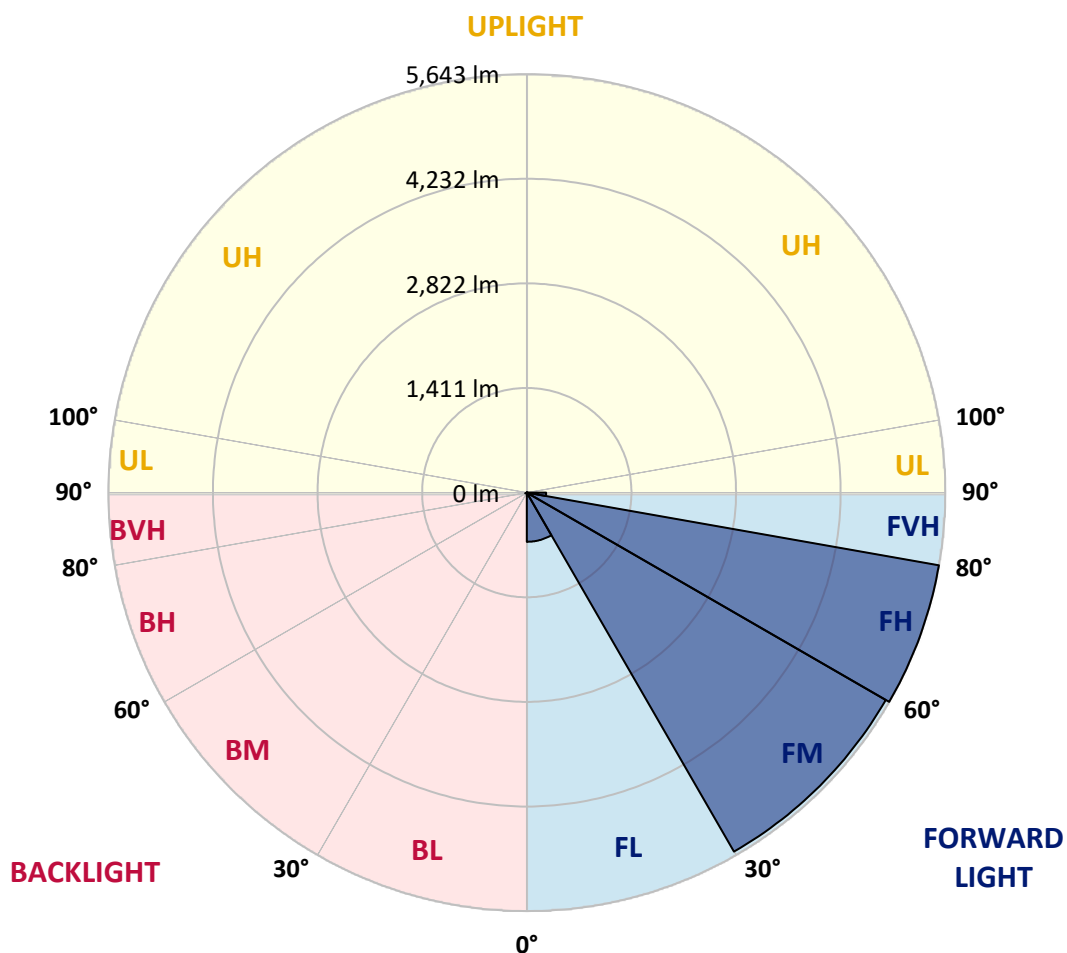
CATALOG NUMBER: NAV-SA3B-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	663.3	5.4			
FM	(30°-60°)	5589.7	45.8			
FH	(60°-80°)	5643.3	46.3			G3/7500
FVH	(80°-90°)	259.9	2.1			G3/500
BL	(0°-30°)	8.1	0.1	B0/110		
BM	(30°-60°)	7.2	0.1	B0/220		
BH	(60°-80°)	20.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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 IV Short



REPORT NUMBER: P1067470

CATALOG NUMBER: NAV-SA3B-730-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	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°	86.1	86.1	86.1	82.8	82.8	79.5	79.5	76.1	72.8	72.8	69.5
5°	162.2	165.5	155.6	135.7	122.5	115.9	109.2	92.7	82.8	76.1	69.5
7.5°	443.6	430.4	410.5	344.3	264.8	225.1	192.0	135.7	99.3	79.5	69.5
10°	933.6	897.2	840.9	751.5	595.9	533.0	413.8	248.3	139.0	89.4	69.5
12.5°	1370.6	1377.2	1307.7	1221.6	1032.9	927.0	764.7	466.8	218.5	105.9	69.5
15°	1701.6	1695.0	1668.5	1599.0	1430.2	1327.5	1181.9	784.6	367.5	132.4	72.8
17.5°	1963.2	1936.7	1926.8	1897.0	1787.7	1731.4	1572.5	1155.4	582.7	178.8	76.1
20°	2224.7	2218.1	2208.1	2175.0	2102.2	2062.5	1940.0	1529.5	867.4	254.9	82.8
22.5°	2605.4	2569.0	2575.6	2502.8	2443.2	2373.7	2274.4	1926.8	1195.1	364.2	92.7
25°	3052.3	3049.0	2996.1	2963.0	2863.6	2787.5	2655.1	2310.8	1559.3	526.4	102.6
27.5°	3578.7	3542.3	3519.1	3462.9	3360.2	3274.2	3092.1	2691.5	1953.2	708.5	115.9
30°	4128.3	4128.3	4085.2	3999.2	3899.8	3793.9	3608.5	3092.1	2343.9	940.2	132.4
32.5°	4770.5	4783.8	4677.8	4548.7	4419.6	4346.8	4105.1	3545.6	2718.0	1205.0	152.3
35°	5392.9	5376.4	5200.9	5058.5	4962.5	4883.1	4677.8	4042.2	3141.7	1512.9	178.8
37.5°	5988.8	5945.8	5654.5	5452.5	5409.5	5356.5	5151.2	4538.8	3562.2	1853.9	211.9
40°	6415.9	6349.7	6048.4	5770.3	5707.4	5677.6	5518.7	4989.0	4005.8	2234.6	254.9
42.5°	6601.3	6525.1	6316.6	6091.4	5952.4	5882.9	5743.8	5356.5	4449.4	2658.4	317.8
45°	6637.7	6578.1	6429.1	6376.2	6187.5	6081.5	5892.8	5618.0	4863.2	3078.8	403.9
47.5°	6505.3	6478.8	6389.4	6502.0	6406.0	6260.3	6031.9	5813.4	5230.7	3588.7	523.1
50°	6180.8	6161.0	6204.0	6498.6	6564.9	6399.3	6184.1	5965.6	5548.5	4115.0	691.9
52.5°	5743.8	5740.5	5942.5	6412.6	6634.4	6531.8	6333.1	6117.9	5800.1	4624.9	930.3
55°	5267.1	5323.4	5677.6	6333.1	6674.1	6627.8	6478.8	6253.7	6025.2	5098.3	1314.3
57.5°	5227.4	5204.2	5545.2	6300.0	6697.3	6723.8	6624.4	6396.0	6217.2	5485.6	1827.4
60°	5624.7	5571.7	5700.8	6369.5	6799.9	6846.3	6770.1	6505.3	6409.3	5790.2	2502.8
62.5°	6084.8	6035.2	6101.4	6637.7	7001.9	7068.1	6972.1	6617.8	6564.9	6002.1	3227.8
65°	6452.3	6412.6	6538.4	7038.3	7283.3	7339.5	7273.3	6826.4	6634.4	6174.2	3817.1
67.5°	6511.9	6462.2	6723.8	7306.4	7568.0	7607.7	7554.7	7028.3	6611.2	6187.5	3952.8
70°	6343.0	6300.0	6674.1	7392.5	7690.5	7723.6	7554.7	6932.3	6296.7	5849.8	3231.1
72.5°	5823.3	5856.4	6339.7	7183.9	7521.6	7369.3	7011.8	6449.0	5889.5	4959.2	2267.7
75°	5015.5	5051.9	5694.2	6611.2	6637.7	6452.3	6260.3	5932.5	5270.4	3267.5	1572.5
77.5°	3565.5	3436.4	4396.4	5459.1	5363.1	5482.3	5498.9	4936.1	4413.0	1701.6	1052.8
80°	350.9	298.0	552.9	1565.9	3459.5	3866.7	4025.7	3803.8	3254.3	761.4	552.9
82.5°	76.1	76.1	82.8	89.4	139.0	208.6	956.8	2343.9	2102.2	387.3	178.8
85°	43.0	43.0	53.0	62.9	82.8	92.7	109.2	145.7	566.1	139.0	33.1
87.5°	33.1	36.4	43.0	53.0	69.5	76.1	92.7	115.9	142.4	129.1	9.9
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: P1067470

CATALOG NUMBER: NAV-SA3B-730-U-T4BC

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°	69.5	66.2	62.9	59.6	56.3	56.3	53.0	53.0	53.0	53.0	53.0
5°	66.2	62.9	59.6	53.0	49.7	46.3	43.0	43.0	43.0	43.0	43.0
7.5°	66.2	62.9	56.3	49.7	43.0	39.7	36.4	33.1	33.1	36.4	36.4
10°	66.2	59.6	49.7	43.0	36.4	33.1	29.8	26.5	26.5	26.5	26.5
12.5°	62.9	56.3	46.3	39.7	33.1	26.5	19.9	16.6	16.6	16.6	16.6
15°	59.6	53.0	43.0	33.1	23.2	16.6	13.2	9.9	9.9	9.9	9.9
17.5°	59.6	49.7	39.7	29.8	16.6	9.9	6.6	3.3	3.3	3.3	6.6
20°	59.6	49.7	36.4	23.2	9.9	6.6	6.6	3.3	0.0	3.3	3.3
22.5°	59.6	46.3	29.8	16.6	9.9	6.6	3.3	0.0	0.0	0.0	0.0
25°	62.9	46.3	26.5	13.2	6.6	3.3	0.0	0.0	0.0	0.0	0.0
27.5°	62.9	43.0	23.2	9.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0
30°	66.2	43.0	19.9	6.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	66.2	39.7	13.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	66.2	36.4	9.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	66.2	33.1	9.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	69.5	29.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	72.8	26.5	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	76.1	23.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	86.1	23.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	99.3	23.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	119.2	23.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	155.6	19.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	225.1	19.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	377.4	19.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	662.1	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1119.0	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1460.0	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1109.0	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	529.7	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	235.1	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	102.6	9.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	39.7	6.6	3.3	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0
82.5°	16.6	6.6	3.3	3.3	3.3	3.3	3.3	0.0	0.0	0.0	0.0
85°	9.9	6.6	6.6	6.6	3.3	3.3	3.3	0.0	0.0	0.0	0.0
87.5°	6.6	6.6	6.6	6.6	6.6	3.3	3.3	0.0	0.0	0.0	0.0
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 $\text{W}^\wedge/\text{nm}$	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)