

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: P1067471

Luminaire Tested: **NAV-SA3C-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067471
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3C-730-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 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: 15078.5 lumens
Efficiency: N/A
Efficacy: 107.4 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): 140.4
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

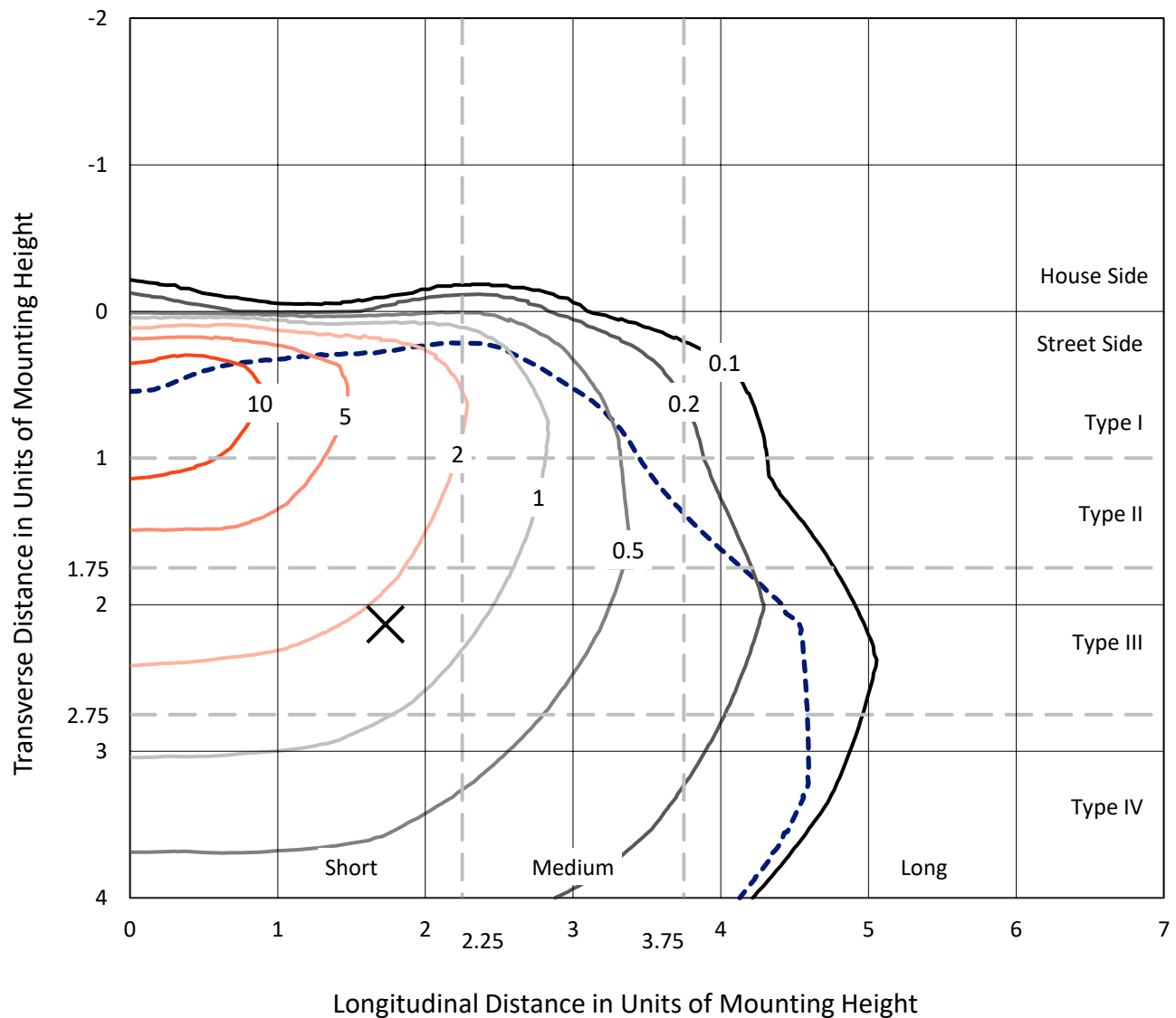


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

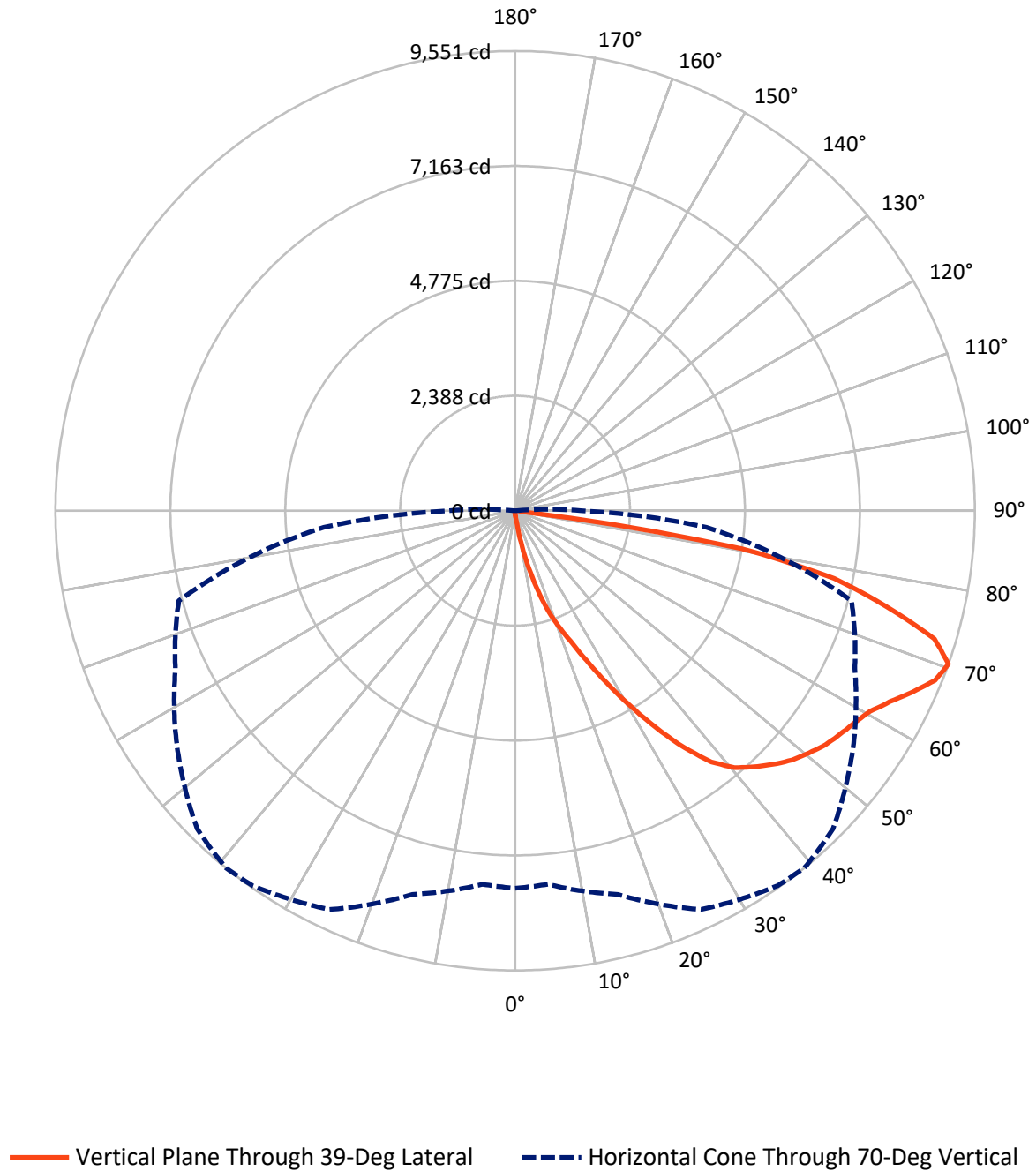


Based on 15 foot mounting height. Maximum calculated value = 16.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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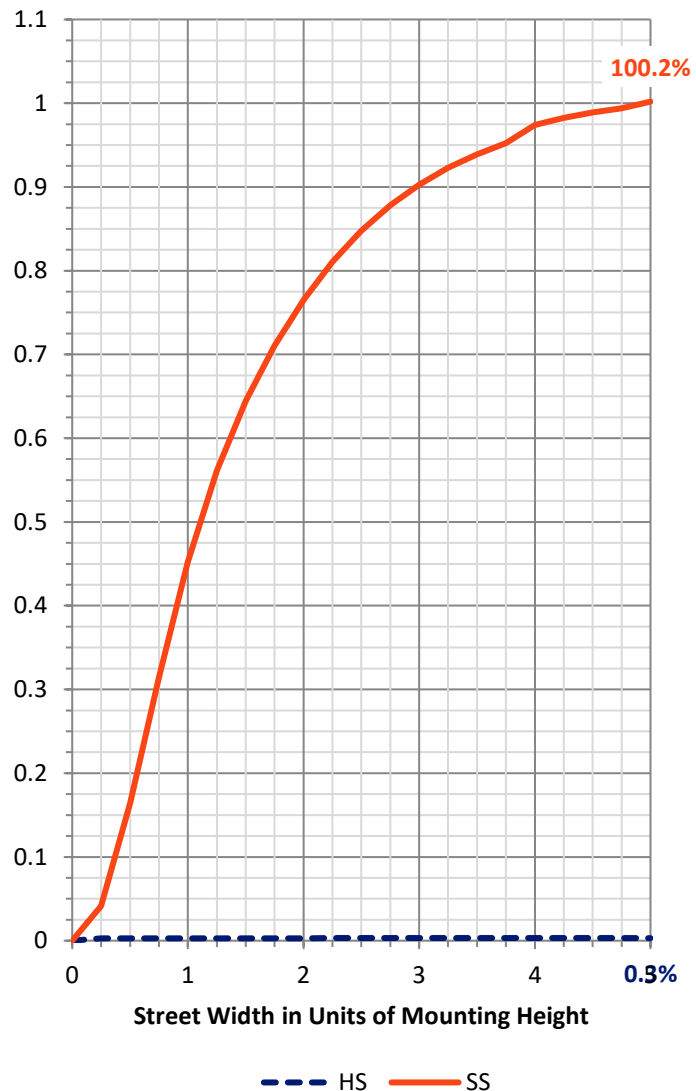
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	46.4	0.0	46.4
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	15032.0	0.0	15032.0
	% Fixture	99.7	0.0	99.7
Total	Lumens	15078.5	0.0	15078.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.9	0.1
10°-20°	185.4	1.2
20°-30°	629.1	4.2
30°-40°	1478.4	9.8
40°-50°	2400.6	15.9
50°-60°	3042.0	20.2
60°-70°	3864.2	25.6
70°-80°	3139.7	20.8
80°-90°	323.3	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°	15078.5	100.0
0°-180°	15078.5	100.0



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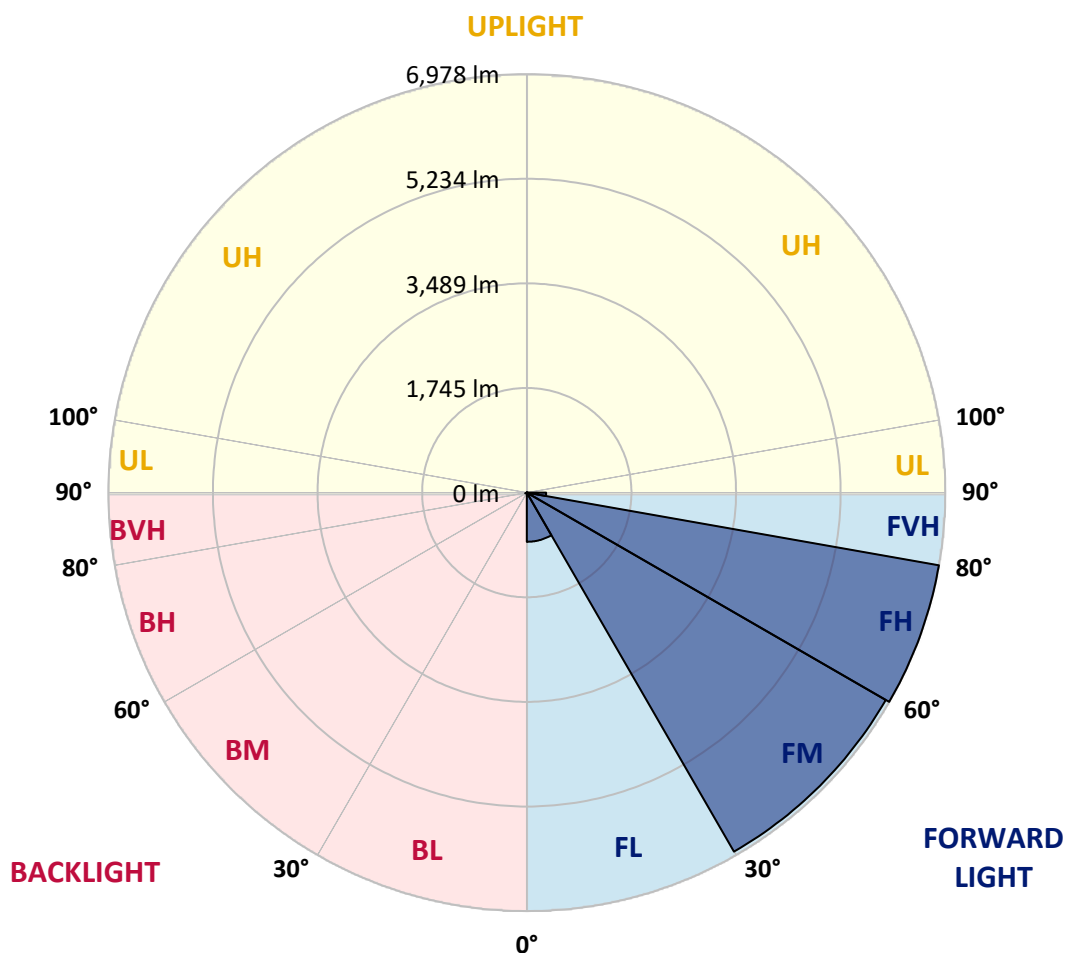
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	820.2	5.4			
FM	(30°-60°)	6912.1	45.8			
FH	(60°-80°)	6978.3	46.3			G3/7500
FVH	(80°-90°)	321.3	2.1			G3/500
BL	(0°-30°)	10.0	0.1	B0/110		
BM	(30°-60°)	8.9	0.1	B0/220		
BH	(60°-80°)	25.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.9	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
2.5°	106.4	106.4	106.4	102.3	102.3	98.3	98.3	94.2	90.1	90.1	86.0
5°	200.6	204.7	192.4	167.8	151.5	143.3	135.1	114.6	102.3	94.2	86.0
7.5°	548.6	532.2	507.6	425.8	327.5	278.4	237.4	167.8	122.8	98.3	86.0
10°	1154.4	1109.4	1039.8	929.3	736.9	659.1	511.7	307.0	171.9	110.5	86.0
12.5°	1694.8	1703.0	1617.0	1510.6	1277.3	1146.3	945.7	577.2	270.2	131.0	86.0
15°	2104.2	2096.0	2063.3	1977.3	1768.5	1641.6	1461.5	970.2	454.4	163.8	90.1
17.5°	2427.6	2394.8	2382.6	2345.7	2210.6	2141.0	1944.5	1428.7	720.5	221.1	94.2
20°	2751.0	2742.8	2730.5	2689.6	2599.5	2550.4	2398.9	1891.3	1072.6	315.2	102.3
22.5°	3221.8	3176.8	3184.9	3094.9	3021.2	2935.2	2812.4	2382.6	1477.8	450.3	114.6
25°	3774.4	3770.3	3704.8	3663.9	3541.1	3446.9	3283.2	2857.4	1928.2	650.9	126.9
27.5°	4425.3	4380.3	4351.7	4282.1	4155.2	4048.7	3823.6	3328.2	2415.3	876.1	143.3
30°	5104.9	5104.9	5051.7	4945.3	4822.4	4691.4	4462.2	3823.6	2898.4	1162.6	163.8
32.5°	5899.1	5915.5	5784.5	5624.8	5465.2	5375.1	5076.3	4384.4	3361.0	1490.1	188.3
35°	6668.7	6648.3	6431.3	6255.3	6136.5	6038.3	5784.5	4998.5	3885.0	1870.8	221.1
37.5°	7405.6	7352.4	6992.1	6742.4	6689.2	6623.7	6369.9	5612.5	4404.9	2292.5	262.0
40°	7933.7	7851.8	7479.3	7135.4	7057.6	7020.8	6824.3	6169.3	4953.4	2763.3	315.2
42.5°	8162.9	8068.8	7810.9	7532.5	7360.6	7274.6	7102.7	6623.7	5502.0	3287.3	393.0
45°	8208.0	8134.3	7950.1	7884.6	7651.2	7520.2	7286.9	6947.1	6013.7	3807.2	499.4
47.5°	8044.2	8011.5	7900.9	8040.1	7921.4	7741.3	7458.8	7188.6	6468.1	4437.6	646.8
50°	7643.0	7618.5	7671.7	8036.0	8117.9	7913.2	7647.1	7376.9	6861.1	5088.5	855.6
52.5°	7102.7	7098.6	7348.3	7929.6	8203.9	8077.0	7831.4	7565.3	7172.3	5719.0	1150.3
55°	6513.2	6582.8	7020.8	7831.4	8253.0	8195.7	8011.5	7733.1	7450.6	6304.4	1625.2
57.5°	6464.0	6435.4	6857.0	7790.4	8281.7	8314.4	8191.6	7909.1	7688.1	6783.4	2259.8
60°	6955.3	6889.8	7049.4	7876.4	8408.6	8465.9	8371.7	8044.2	7925.5	7160.0	3094.9
62.5°	7524.3	7462.9	7544.8	8208.0	8658.3	8740.2	8621.4	8183.4	8117.9	7422.0	3991.4
65°	7978.7	7929.6	8085.2	8703.3	9006.3	9075.9	8994.0	8441.3	8203.9	7634.9	4720.1
67.5°	8052.4	7991.0	8314.4	9034.9	9358.3	9407.4	9341.9	8691.0	8175.2	7651.2	4887.9
70°	7843.6	7790.4	8253.0	9141.4	9509.8	9550.7	9341.9	8572.3	7786.3	7233.7	3995.5
72.5°	7200.9	7241.9	7839.5	8883.4	9301.0	9112.7	8670.6	7974.6	7282.8	6132.4	2804.2
75°	6202.0	6247.1	7041.3	8175.2	8208.0	7978.7	7741.3	7336.0	6517.3	4040.5	1944.5
77.5°	4409.0	4249.3	5436.5	6750.6	6631.9	6779.3	6799.7	6103.8	5457.0	2104.2	1301.8
80°	433.9	368.4	683.7	1936.3	4278.0	4781.5	4978.0	4703.7	4024.2	941.6	683.7
82.5°	94.2	94.2	102.3	110.5	171.9	257.9	1183.1	2898.4	2599.5	479.0	221.1
85°	53.2	53.2	65.5	77.8	102.3	114.6	135.1	180.1	700.0	171.9	40.9
87.5°	40.9	45.0	53.2	65.5	86.0	94.2	114.6	143.3	176.0	159.7	12.3
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
2.5°	86.0	81.9	77.8	73.7	69.6	69.6	65.5	65.5	65.5	65.5	65.5
5°	81.9	77.8	73.7	65.5	61.4	57.3	53.2	53.2	53.2	53.2	53.2
7.5°	81.9	77.8	69.6	61.4	53.2	49.1	45.0	40.9	40.9	45.0	45.0
10°	81.9	73.7	61.4	53.2	45.0	40.9	36.8	32.8	32.8	32.8	32.8
12.5°	77.8	69.6	57.3	49.1	40.9	32.8	24.6	20.5	20.5	20.5	20.5
15°	73.7	65.5	53.2	40.9	28.7	20.5	16.4	12.3	12.3	12.3	12.3
17.5°	73.7	61.4	49.1	36.8	20.5	12.3	8.2	4.1	4.1	4.1	8.2
20°	73.7	61.4	45.0	28.7	12.3	8.2	8.2	4.1	0.0	4.1	4.1
22.5°	73.7	57.3	36.8	20.5	12.3	8.2	4.1	0.0	0.0	0.0	0.0
25°	77.8	57.3	32.8	16.4	8.2	4.1	0.0	0.0	0.0	0.0	0.0
27.5°	77.8	53.2	28.7	12.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0
30°	81.9	53.2	24.6	8.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	81.9	49.1	16.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	81.9	45.0	12.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	81.9	40.9	12.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	86.0	36.8	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	90.1	32.8	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	94.2	28.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	106.4	28.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	122.8	28.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	147.4	28.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	192.4	24.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	278.4	24.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	466.7	24.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	818.8	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1383.7	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1805.3	28.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1371.4	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	655.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	290.7	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	126.9	12.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	49.1	8.2	4.1	4.1	4.1	4.1	0.0	0.0	0.0	0.0	0.0
82.5°	20.5	8.2	4.1	4.1	4.1	4.1	4.1	0.0	0.0	0.0	0.0
85°	12.3	8.2	8.2	8.2	4.1	4.1	4.1	0.0	0.0	0.0	0.0
87.5°	8.2	8.2	8.2	8.2	8.2	4.1	4.1	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

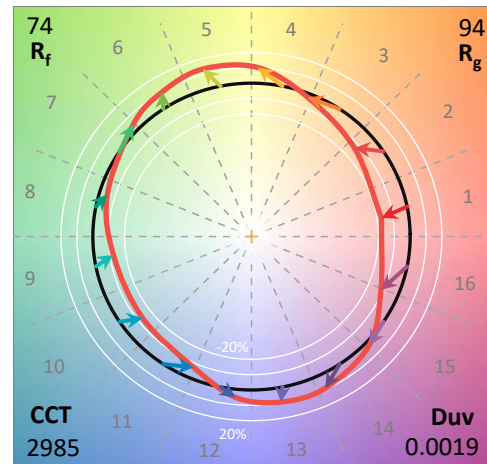
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

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	CRI (Ra):	70.8		
CIE u':	0.2504	R1:	66.3	R9:	-43.2
CIE v':	0.5243	R2:	80.6	R10:	57.6
Duv:	0.0019	R3:	94.5	R11:	64.8
CIE x:	0.4408	R4:	68.2	R12:	53.5
CIE y:	0.4101	R5:	66.5	R13:	68.7
CIE z:	0.1491	R6:	74.7	R14:	97.0
Peak Wavelength (nm):	595	R7:	76.2	R15:	56.4
Dominant Wavelength (nm):	582	R8:	39.6		
Purity:	55.41818				
Rf:	73.8				
Rg:	94.4				



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

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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 3000K 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	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			

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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			

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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			

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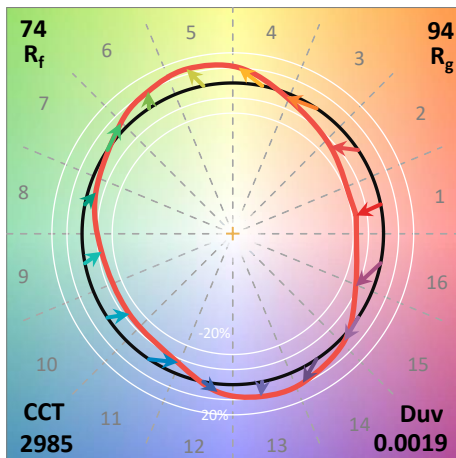
TM-30-18

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)