

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: P1066997

Luminaire Tested: **NAV-SA5A-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066997
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5A-730-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16871.8 lumens
Efficiency: N/A
Efficacy: 122.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 137.4
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

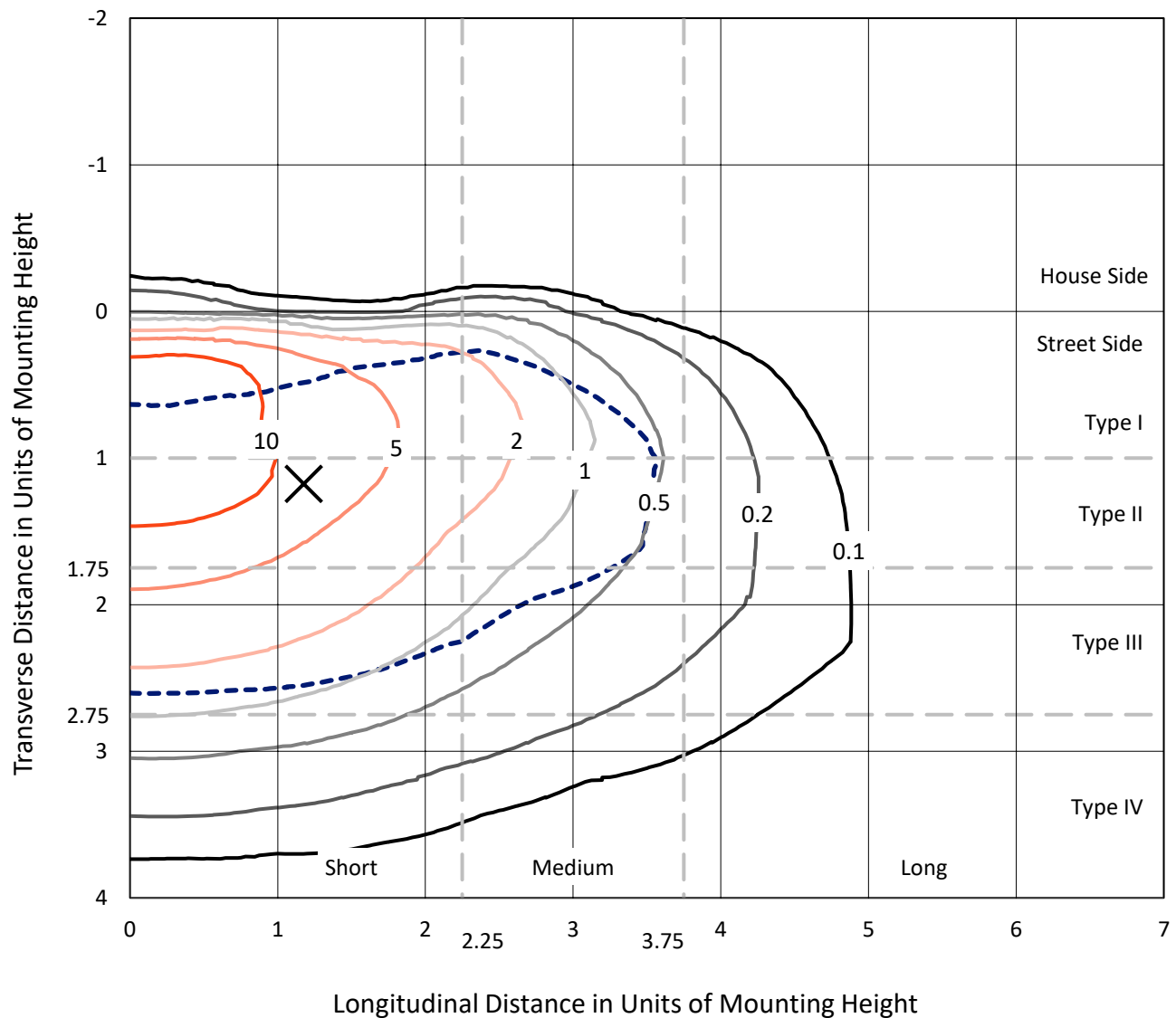


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

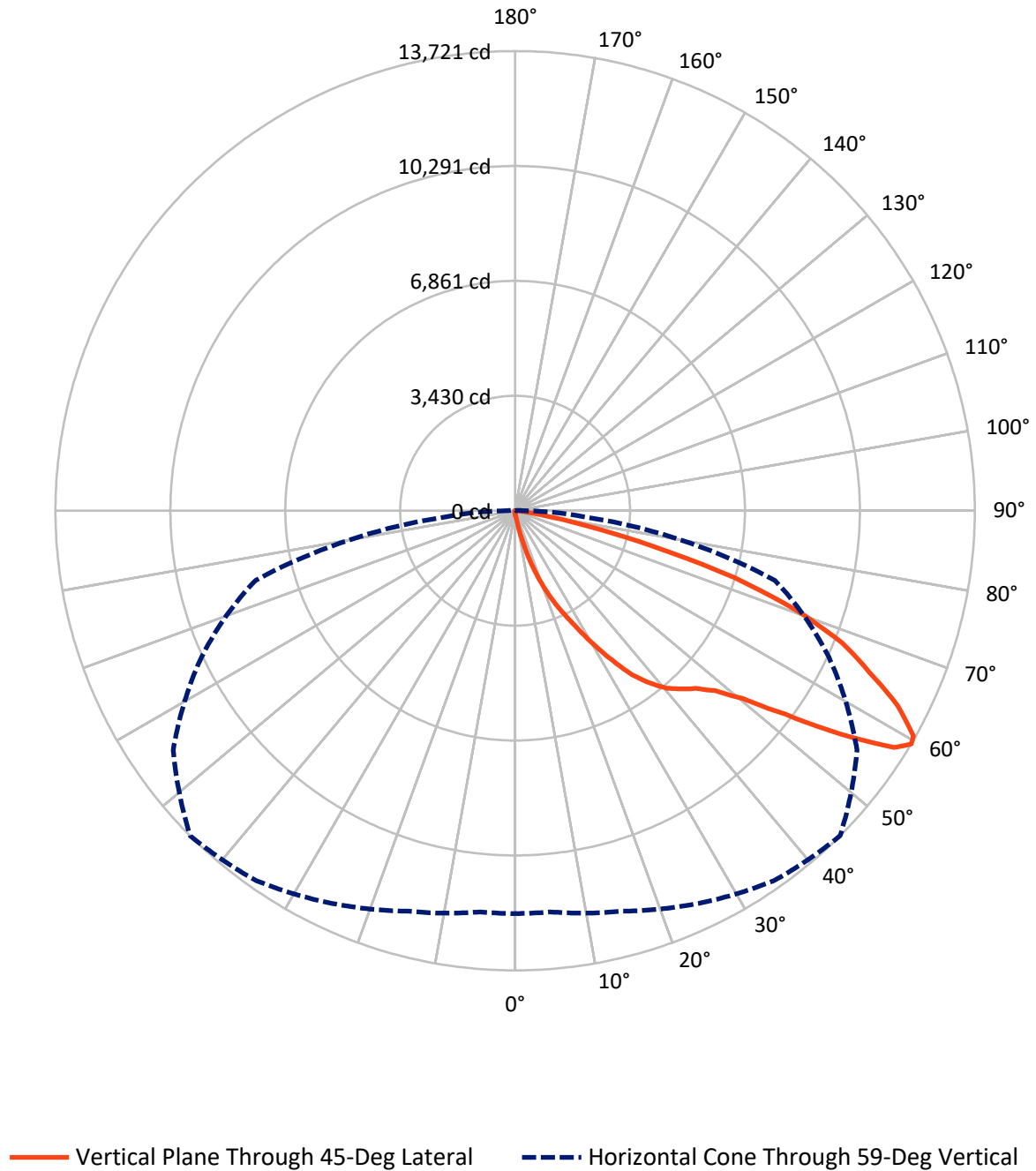


Based on 15 foot mounting height. Maximum calculated value = 18.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: NAV-SA5A-730-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	59.9	0.0	59.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16811.9	0.0	16811.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	16871.8	0.0	16871.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	0.1
10°-20°	186.5	1.1
20°-30°	670.1	4.0
30°-40°	1557.0	9.2
40°-50°	2653.8	15.7
50°-60°	4372.8	25.9
60°-70°	5055.9	30.0
70°-80°	2172.2	12.9
80°-90°	187.7	1.1
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°	16871.8	100.0
0°-180°	16871.8	100.0



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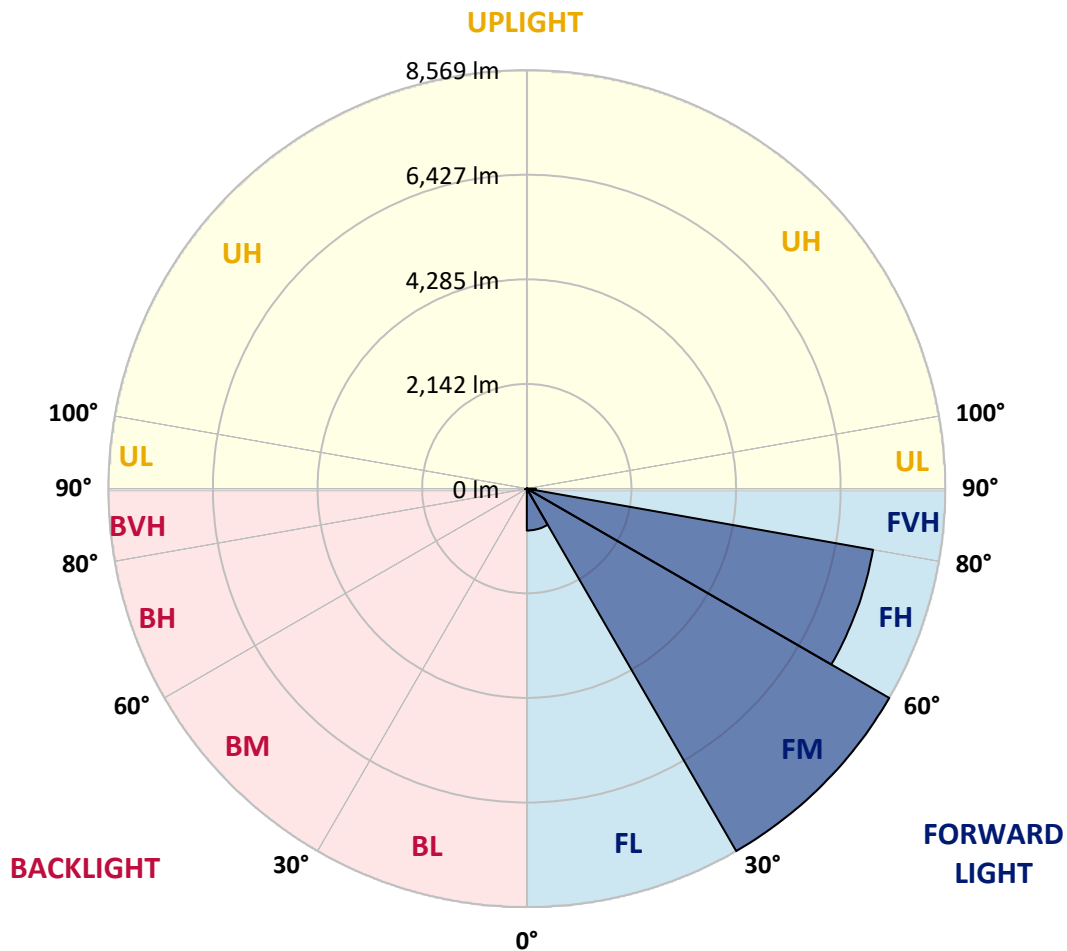
CATALOG NUMBER: NAV-SA5A-730-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	857.4	5.1			
FM	(30°-60°)	8569.2	50.8			
FH	(60°-80°)	7200.0	42.7			G3/7500
FVH	(80°-90°)	185.3	1.1			G2/225
BL	(0°-30°)	14.8	0.1	B0/110		
BM	(30°-60°)	14.5	0.1	B0/220		
BH	(60°-80°)	28.2	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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 III Short



REPORT NUMBER: P1066997

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	106.6	106.6	106.6	106.6	106.6	106.6	106.6	106.6	106.6	106.6	106.6
2.5°	138.4	138.4	135.0	130.5	129.3	125.9	125.9	122.5	118.0	114.6	110.0
5°	200.8	199.7	190.6	179.2	164.5	155.4	155.4	142.9	131.6	121.4	112.3
7.5°	439.0	428.8	395.9	341.5	270.0	222.4	219.0	178.1	150.9	130.5	113.4
10°	1007.4	972.2	925.7	795.3	587.7	410.7	402.7	259.8	180.4	140.7	115.7
12.5°	1650.6	1679.0	1586.0	1380.6	1137.9	846.3	789.6	437.9	238.2	154.3	118.0
15°	2236.0	2229.2	2177.0	2009.1	1728.9	1340.9	1305.8	761.2	341.5	175.8	120.3
17.5°	2673.9	2666.0	2616.1	2508.3	2292.7	1904.8	1874.1	1213.9	535.5	206.5	122.5
20°	3135.7	3125.4	3055.1	2968.9	2780.6	2450.4	2414.1	1719.8	838.4	256.4	122.5
22.5°	3689.3	3670.0	3595.1	3448.8	3250.2	2963.2	2930.3	2237.2	1213.9	338.1	128.2
25°	4358.6	4325.7	4222.5	4090.9	3851.5	3470.3	3435.2	2813.5	1666.5	461.7	133.9
27.5°	5122.1	5127.8	4988.2	4765.9	4444.8	4055.7	3989.9	3329.6	2135.1	638.7	140.7
30°	6028.5	5971.8	5775.5	5516.9	5204.9	4709.2	4645.6	3843.6	2661.4	899.6	152.0
32.5°	6877.1	6815.8	6551.5	6225.9	5891.3	5368.3	5316.1	4421.0	3140.2	1208.2	172.4
35°	7605.4	7562.3	7192.5	6795.4	6498.2	6030.8	6014.9	5065.4	3702.9	1540.6	195.1
37.5°	8246.4	8168.1	7692.8	7281.0	6979.2	6560.6	6526.6	5655.3	4245.2	1926.3	229.2
40°	8793.2	8750.1	8170.4	7629.3	7384.2	7009.8	6966.7	6172.6	4805.6	2374.4	271.1
42.5°	9378.6	9321.9	8759.2	8152.2	7700.7	7300.3	7271.9	6599.2	5304.7	2866.8	333.5
45°	10040.0	9934.5	9441.0	8896.5	8210.1	7600.9	7569.1	6979.2	5816.4	3395.4	409.5
47.5°	10746.8	10654.9	10255.5	9873.2	9083.6	8096.7	8028.6	7302.5	6324.6	4005.8	506.0
50°	11466.0	11468.3	11168.8	10985.0	10151.2	8902.1	8805.7	7777.9	6859.0	4659.2	648.9
52.5°	12303.2	12324.8	12320.3	12184.1	11537.5	10219.2	10089.9	8499.4	7479.5	5421.6	846.3
55°	12653.8	12692.4	12943.1	13244.8	13069.0	11889.2	11750.8	9743.9	8302.0	6271.3	1139.0
57.5°	12366.8	12409.9	12755.9	13284.6	13688.4	13351.5	13335.6	11363.9	9385.4	7301.4	1617.7
59°	12025.3	12019.6	12374.7	12935.1	13479.7	13698.6	13721.3	12459.8	10329.3	8024.1	2030.7
60°	11798.4	11802.9	12038.9	12614.1	13192.7	13572.7	13661.2	13105.3	10880.6	8543.6	2384.6
62.5°	10922.6	10974.8	11162.0	11696.3	12245.4	12669.7	12820.6	13680.5	12458.7	9771.1	3615.5
65°	9970.8	9974.2	10240.8	10698.0	11224.4	11522.7	11618.0	12785.4	13512.6	11021.3	5229.9
67.5°	8272.5	8341.7	8644.6	9385.4	10080.8	10458.6	10531.2	11129.1	13075.8	11835.8	6038.7
70°	5789.2	5879.9	6312.1	7273.0	8308.8	8929.4	8924.8	9251.5	11508.0	11472.8	5119.8
72.5°	2890.6	3047.2	3400.0	4428.9	5683.7	6658.2	6863.5	7442.1	9244.7	9529.5	3819.7
75°	1277.4	1286.5	1487.3	2005.7	2824.8	4062.5	4246.3	5907.1	7092.7	6623.0	2759.0
77.5°	743.1	749.9	786.2	900.8	1144.7	1991.0	2197.5	3874.2	5012.1	3849.2	1799.3
80°	270.0	276.8	275.7	341.5	501.4	783.9	873.5	1877.5	3343.3	2027.3	942.7
82.5°	165.6	165.6	160.0	161.1	182.6	300.6	329.0	799.8	1628.0	998.3	270.0
85°	81.7	86.2	91.9	103.2	122.5	148.6	157.7	229.2	547.9	241.6	64.7
87.5°	48.8	49.9	54.5	65.8	81.7	106.6	113.4	155.4	196.3	162.2	15.9
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-SA5A-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	106.6	106.6	106.6	106.6	106.6	106.6	106.6	106.6	106.6	106.6	106.6
2.5°	107.8	106.6	101.0	96.4	91.9	87.4	84.0	80.5	80.5	81.7	80.5
5°	107.8	103.2	94.2	86.2	79.4	73.7	68.1	63.5	62.4	62.4	63.5
7.5°	106.6	101.0	88.5	78.3	69.2	61.3	55.6	49.9	48.8	49.9	48.8
10°	105.5	98.7	84.0	71.5	59.0	51.1	43.1	37.4	37.4	37.4	38.6
12.5°	105.5	95.3	79.4	64.7	51.1	42.0	34.0	28.4	27.2	27.2	27.2
15°	104.4	93.0	74.9	56.7	43.1	31.8	25.0	19.3	19.3	19.3	19.3
17.5°	102.1	89.6	69.2	49.9	34.0	23.8	17.0	11.3	11.3	13.6	13.6
20°	99.8	86.2	62.4	40.8	28.4	18.2	11.3	6.8	6.8	10.2	11.3
22.5°	101.0	86.2	57.9	36.3	22.7	13.6	9.1	5.7	4.5	7.9	10.2
25°	102.1	84.0	52.2	31.8	17.0	10.2	6.8	2.3	1.1	2.3	3.4
27.5°	102.1	81.7	45.4	25.0	12.5	7.9	3.4	0.0	0.0	0.0	0.0
30°	101.0	78.3	39.7	20.4	9.1	4.5	1.1	0.0	0.0	0.0	0.0
32.5°	99.8	74.9	36.3	15.9	7.9	2.3	0.0	0.0	0.0	0.0	0.0
35°	101.0	70.3	31.8	12.5	4.5	0.0	0.0	0.0	0.0	0.0	2.3
37.5°	104.4	65.8	27.2	10.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	108.9	62.4	22.7	7.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	118.0	62.4	20.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	129.3	62.4	17.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	144.1	63.5	14.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	162.2	65.8	13.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	175.8	63.5	12.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	199.7	61.3	11.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	231.4	57.9	11.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	263.2	53.3	11.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	299.5	51.1	10.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	494.6	45.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	955.2	43.1	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1544.0	43.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1623.4	43.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1080.0	35.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	578.6	31.8	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	312.0	29.5	4.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	137.3	21.6	5.7	3.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	54.5	14.7	6.8	5.7	4.5	2.3	0.0	0.0	0.0	0.0	0.0
85°	26.1	11.3	9.1	7.9	5.7	3.4	0.0	0.0	0.0	0.0	0.0
87.5°	12.5	11.3	10.2	9.1	7.9	5.7	1.1	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

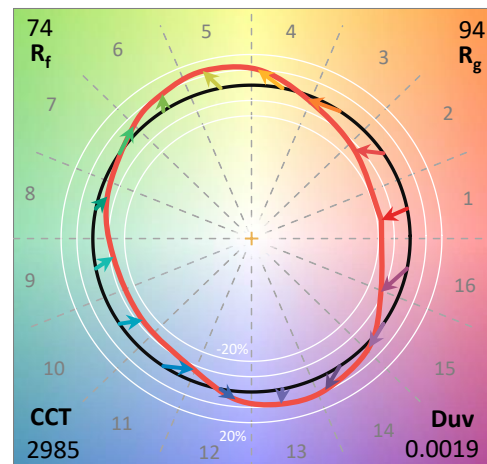
Test Information

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
 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

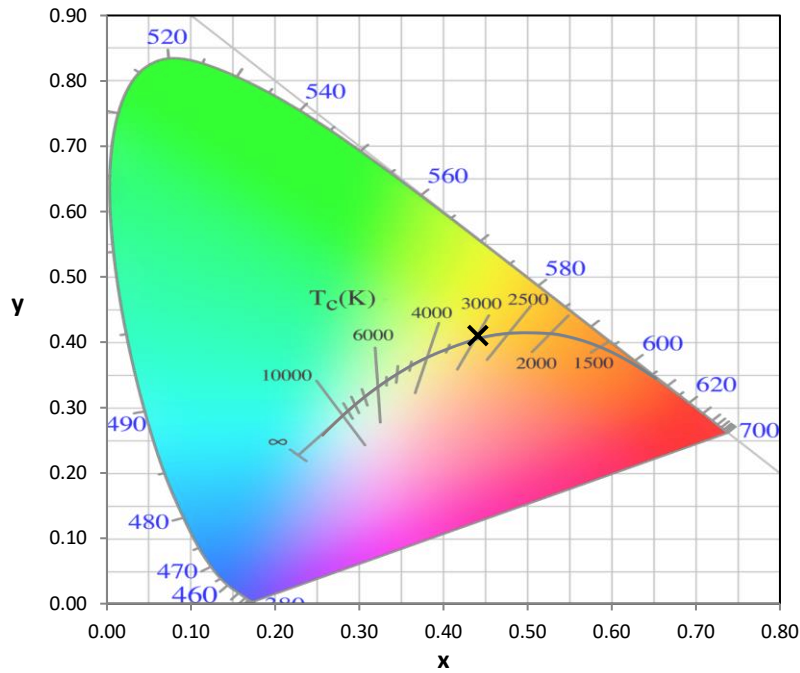
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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

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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			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

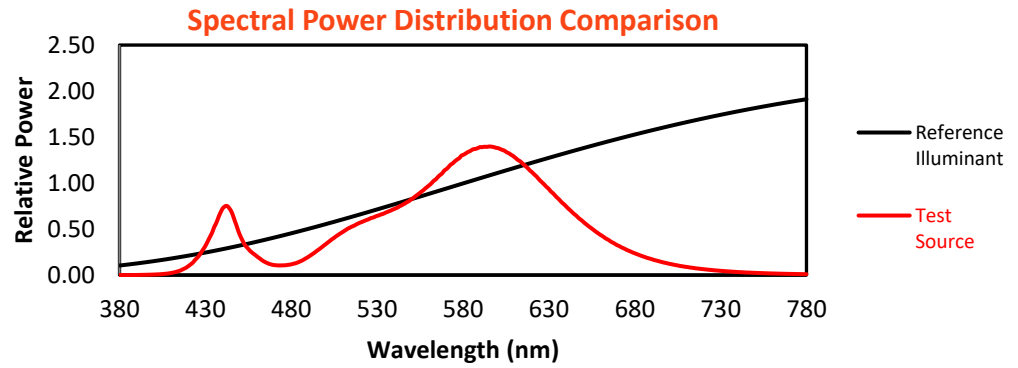
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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

$R_f = 73.8$
 $R_g = 94.4$
 $\text{CIE } R_a = 70.8$
 $R_g = -43.2$



Color Vector Graphics



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

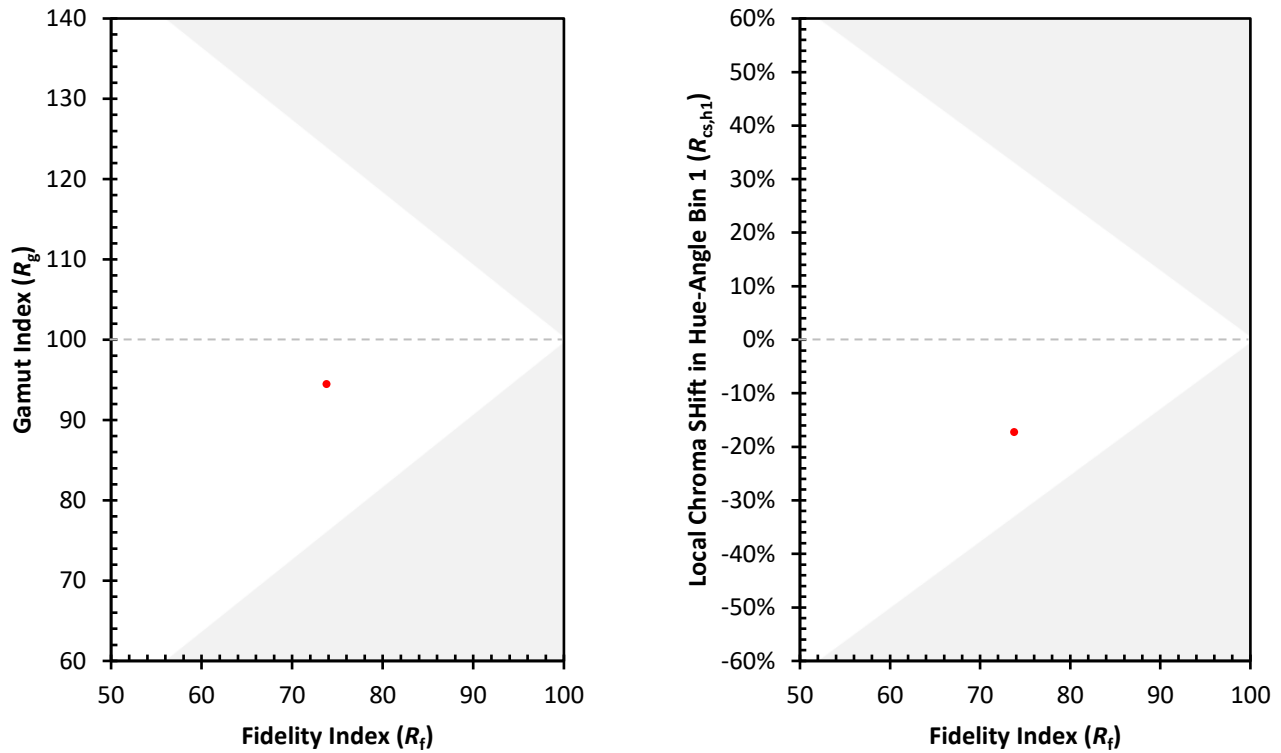
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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