

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: P1066991

Luminaire Tested: **NAV-SA3C-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066991
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-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15771.3 lumens
Efficiency: N/A
Efficacy: 112.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - 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

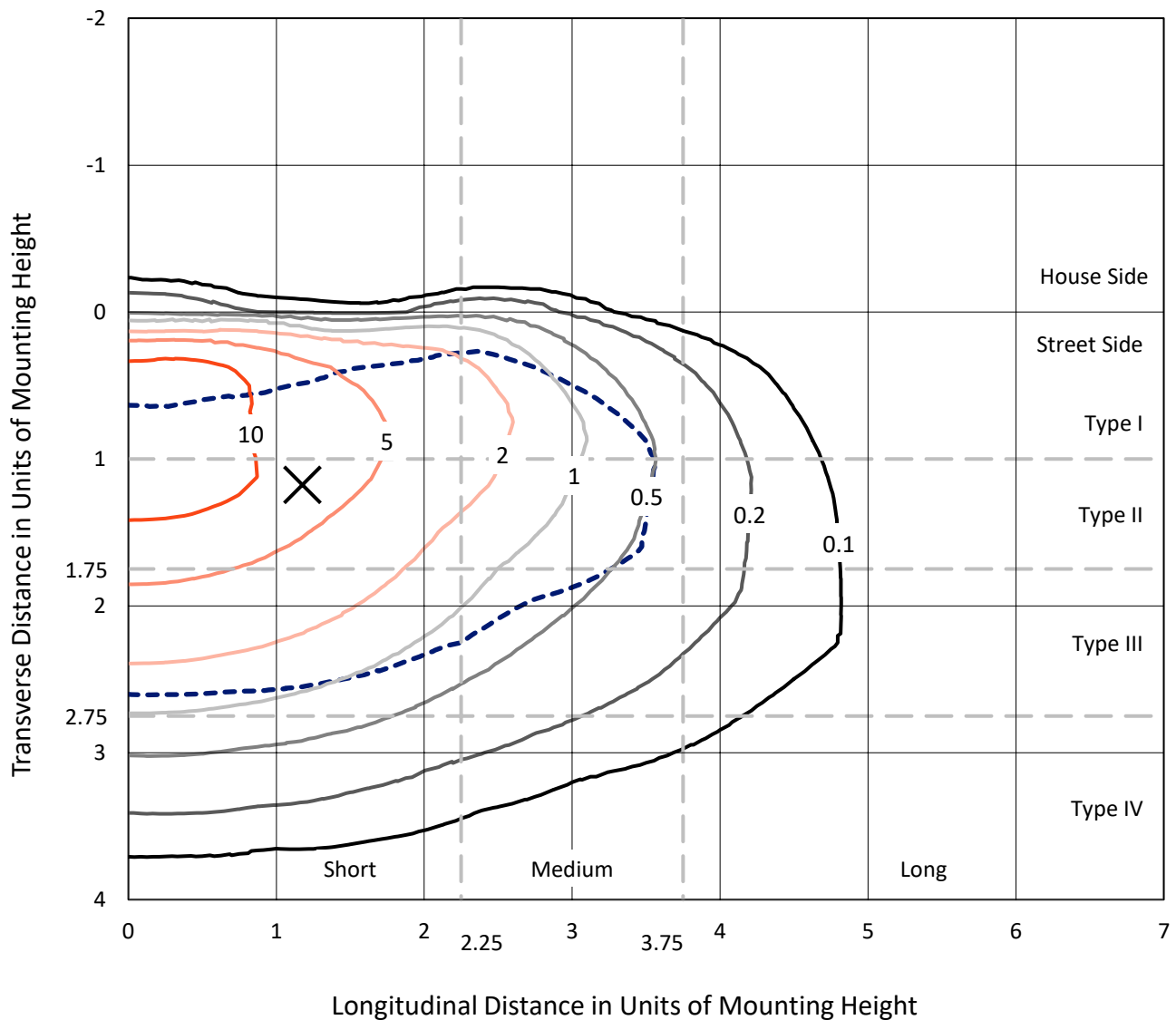


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

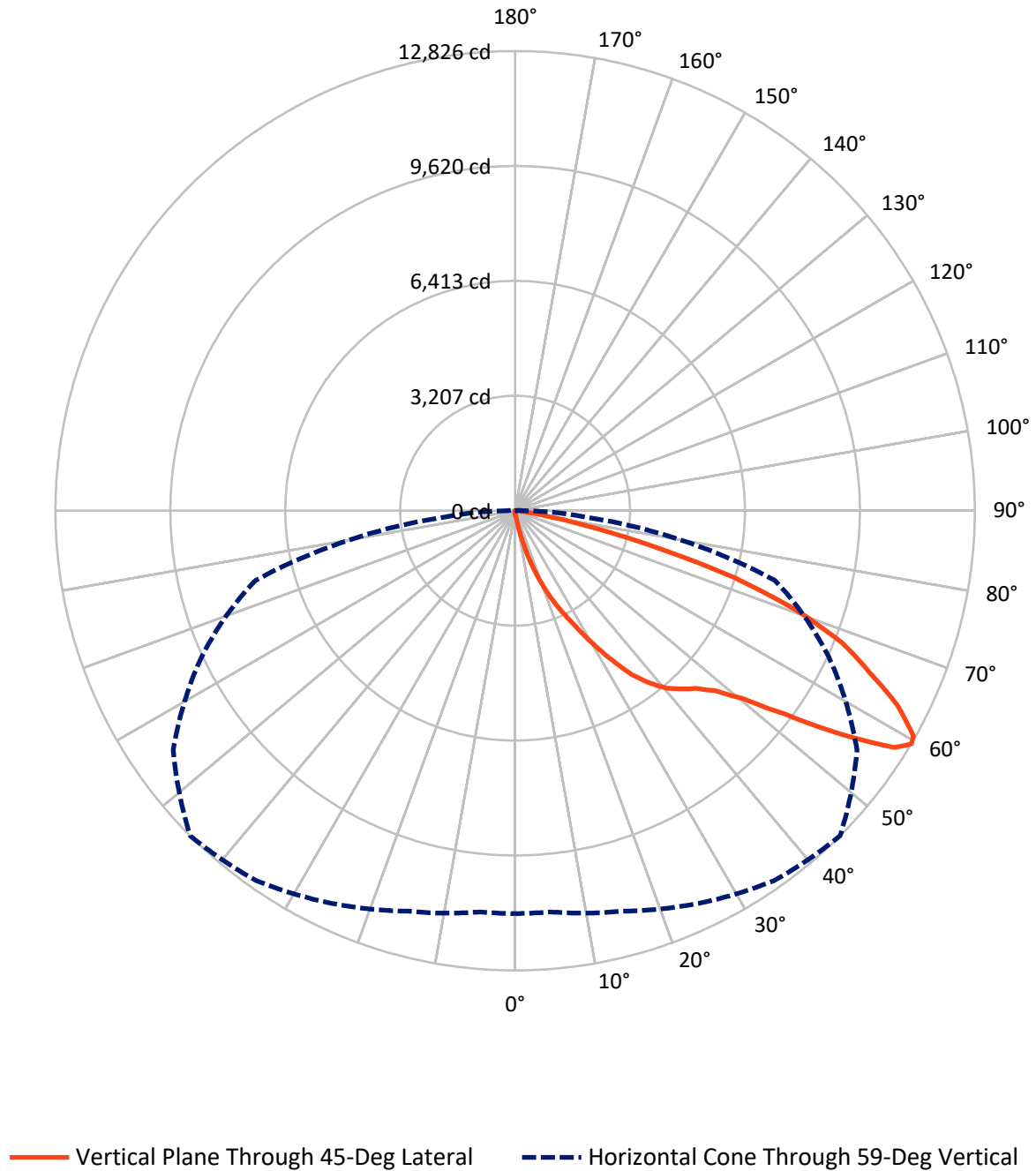


Based on 15 foot mounting height. Maximum calculated value = 17.2 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	56.0	0.0	56.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15715.3	0.0	15715.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	15771.3	0.0	15771.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.7	0.1
10°-20°	174.3	1.1
20°-30°	626.4	4.0
30°-40°	1455.5	9.2
40°-50°	2480.7	15.7
50°-60°	4087.6	25.9
60°-70°	4726.2	30.0
70°-80°	2030.5	12.9
80°-90°	175.5	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°	15771.3	100.0
0°-180°	15771.3	100.0



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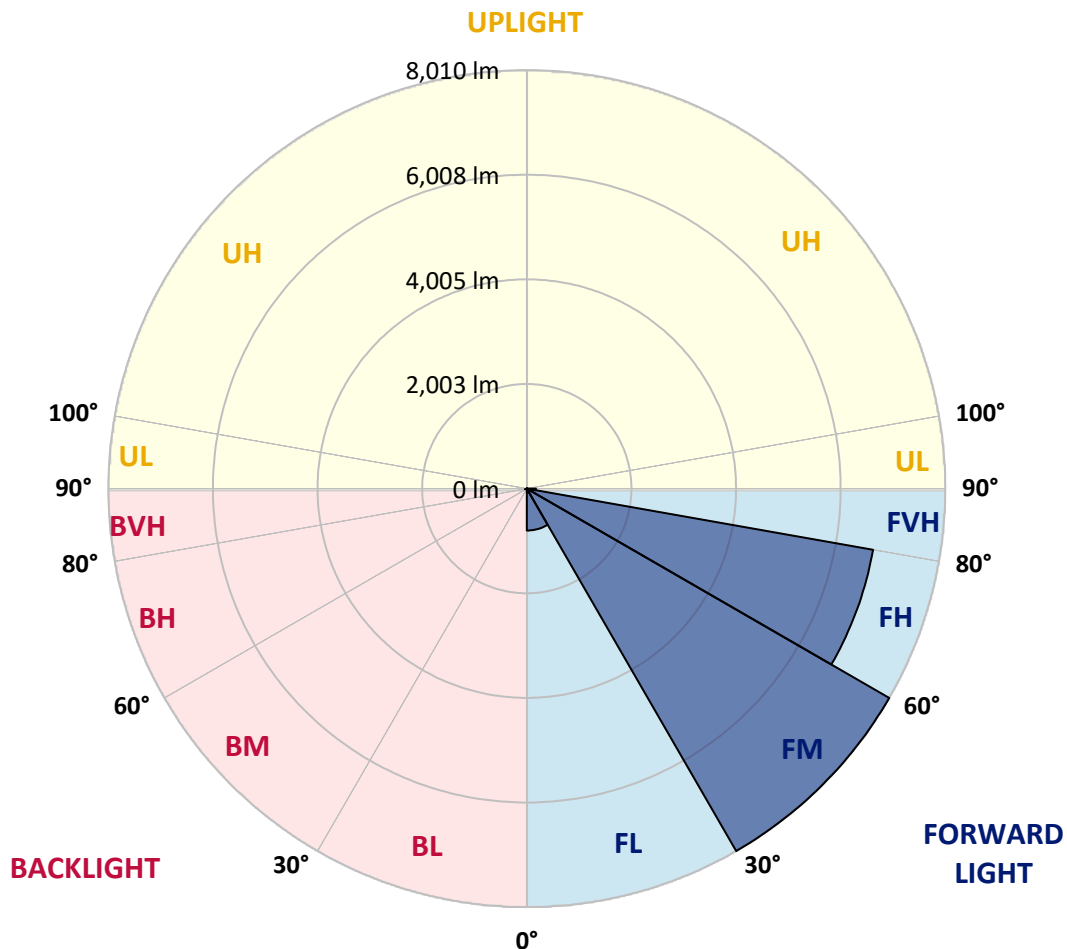
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	801.5	5.1			
FM	(30°-60°)	8010.3	50.8			
FH	(60°-80°)	6730.3	42.7			G3/7500
FVH	(80°-90°)	173.2	1.1			G2/225
BL	(0°-30°)	13.8	0.1	B0/110		
BM	(30°-60°)	13.5	0.1	B0/220		
BH	(60°-80°)	26.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.3	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



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CATALOG NUMBER: NAV-SA3C-730-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2.5°	129.4	129.4	126.2	122.0	120.9	117.7	117.7	114.5	110.3	107.1	102.9
5°	187.7	186.6	178.2	167.6	153.8	145.3	145.3	133.6	123.0	113.5	105.0
7.5°	410.4	400.9	370.1	319.2	252.4	207.9	204.7	166.5	141.0	122.0	106.0
10°	941.7	908.8	865.3	743.4	549.3	383.9	376.5	242.8	168.6	131.5	108.2
12.5°	1543.0	1569.5	1482.5	1290.6	1063.6	791.1	738.1	409.3	222.7	144.2	110.3
15°	2090.2	2083.8	2035.0	1878.1	1616.1	1253.5	1220.6	711.6	319.2	164.4	112.4
17.5°	2499.5	2492.1	2445.4	2344.7	2143.2	1780.5	1751.9	1134.7	500.5	193.0	114.5
20°	2931.1	2921.6	2855.8	2775.2	2599.2	2290.6	2256.7	1607.7	783.7	239.7	114.5
22.5°	3448.6	3430.6	3360.6	3223.8	3038.2	2769.9	2739.2	2091.2	1134.7	316.0	119.8
25°	4074.3	4043.6	3947.0	3824.0	3600.3	3244.0	3211.1	2630.0	1557.8	431.6	125.1
27.5°	4788.0	4793.3	4662.9	4455.0	4154.9	3791.2	3729.7	3112.5	1995.8	597.0	131.5
30°	5635.3	5582.3	5398.8	5157.0	4865.4	4402.0	4342.6	3592.9	2487.9	840.9	142.1
32.5°	6428.5	6371.3	6124.2	5819.8	5507.0	5018.1	4969.3	4132.6	2935.4	1129.4	161.2
35°	7109.4	7069.1	6723.3	6352.2	6074.3	5637.4	5622.6	4735.0	3461.4	1440.1	182.4
37.5°	7708.5	7635.3	7191.0	6806.1	6524.0	6132.7	6100.9	5286.4	3968.3	1800.7	214.2
40°	8219.7	8179.4	7637.5	7131.6	6902.6	6552.6	6512.3	5770.0	4492.1	2219.6	253.5
42.5°	8766.9	8713.8	8187.8	7620.5	7198.4	6824.1	6797.6	6168.7	4958.7	2679.8	311.8
45°	9385.1	9286.5	8825.2	8316.2	7674.6	7105.1	7075.4	6524.0	5437.0	3174.0	382.8
47.5°	10045.8	9959.9	9586.6	9229.2	8491.1	7568.5	7504.9	6826.2	5912.1	3744.5	473.0
50°	10718.1	10720.2	10440.3	10268.5	9489.0	8321.5	8231.3	7270.5	6411.6	4355.3	606.6
52.5°	11500.7	11520.9	11516.6	11389.4	10784.9	9552.7	9431.8	7945.0	6991.6	5068.0	791.1
55°	11828.4	11864.5	12098.8	12380.9	12216.6	11113.7	10984.3	9108.3	7760.5	5862.2	1064.7
57.5°	11560.1	11600.4	11923.9	12418.0	12795.6	12480.6	12465.8	10622.7	8773.2	6825.2	1512.2
59°	11240.9	11235.6	11567.5	12091.4	12600.4	12805.1	12826.3	11647.1	9655.5	7500.7	1898.2
60°	11028.8	11033.1	11253.7	11791.3	12332.1	12687.4	12770.1	12250.5	10170.9	7986.4	2229.1
62.5°	10210.2	10258.9	10433.9	10933.4	11446.7	11843.3	11984.3	12788.1	11646.0	9133.8	3379.7
65°	9320.4	9323.6	9572.8	10000.2	10492.2	10771.1	10860.2	11951.4	12631.2	10302.4	4888.7
67.5°	7732.9	7797.6	8080.7	8773.2	9423.3	9776.4	9844.3	10403.2	12222.9	11063.8	5644.9
70°	5411.6	5496.4	5900.4	6798.6	7766.8	8346.9	8342.7	8648.1	10757.4	10724.5	4785.9
72.5°	2702.1	2848.4	3178.2	4140.1	5312.9	6223.9	6415.8	6956.6	8641.7	8907.9	3570.6
75°	1194.1	1202.6	1390.3	1874.9	2640.6	3797.5	3969.3	5521.8	6630.0	6191.0	2579.1
77.5°	694.6	701.0	734.9	842.0	1070.0	1861.1	2054.1	3621.5	4685.1	3598.2	1681.9
80°	252.4	258.8	257.7	319.2	468.7	732.8	816.6	1755.1	3125.2	1895.1	881.2
82.5°	154.8	154.8	149.5	150.6	170.7	281.0	307.5	747.6	1521.8	933.2	252.4
85°	76.4	80.6	85.9	96.5	114.5	138.9	147.4	214.2	512.2	225.9	60.4
87.5°	45.6	46.7	50.9	61.5	76.4	99.7	106.0	145.3	183.5	151.6	14.8
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-SA3C-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2.5°	100.7	99.7	94.4	90.1	85.9	81.7	78.5	75.3	75.3	76.4	75.3
5°	100.7	96.5	88.0	80.6	74.2	68.9	63.6	59.4	58.3	58.3	59.4
7.5°	99.7	94.4	82.7	73.2	64.7	57.3	52.0	46.7	45.6	46.7	45.6
10°	98.6	92.3	78.5	66.8	55.1	47.7	40.3	35.0	35.0	35.0	36.1
12.5°	98.6	89.1	74.2	60.4	47.7	39.2	31.8	26.5	25.5	25.5	25.5
15°	97.6	87.0	70.0	53.0	40.3	29.7	23.3	18.0	18.0	18.0	18.0
17.5°	95.4	83.8	64.7	46.7	31.8	22.3	15.9	10.6	10.6	12.7	12.7
20°	93.3	80.6	58.3	38.2	26.5	17.0	10.6	6.4	6.4	9.5	10.6
22.5°	94.4	80.6	54.1	33.9	21.2	12.7	8.5	5.3	4.2	7.4	9.5
25°	95.4	78.5	48.8	29.7	15.9	9.5	6.4	2.1	1.1	2.1	3.2
27.5°	95.4	76.4	42.4	23.3	11.7	7.4	3.2	0.0	0.0	0.0	0.0
30°	94.4	73.2	37.1	19.1	8.5	4.2	1.1	0.0	0.0	0.0	0.0
32.5°	93.3	70.0	33.9	14.8	7.4	2.1	0.0	0.0	0.0	0.0	0.0
35°	94.4	65.7	29.7	11.7	4.2	0.0	0.0	0.0	0.0	0.0	2.1
37.5°	97.6	61.5	25.5	9.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	101.8	58.3	21.2	7.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	110.3	58.3	19.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	120.9	58.3	15.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	134.7	59.4	13.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	151.6	61.5	12.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	164.4	59.4	11.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	186.6	57.3	10.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	216.3	54.1	10.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	246.0	49.8	10.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	280.0	47.7	9.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	462.4	42.4	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	892.9	40.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1443.3	40.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1517.5	40.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1009.6	32.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	540.8	29.7	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	291.6	27.6	4.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	128.3	20.1	5.3	3.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	50.9	13.8	6.4	5.3	4.2	2.1	0.0	0.0	0.0	0.0	0.0
85°	24.4	10.6	8.5	7.4	5.3	3.2	0.0	0.0	0.0	0.0	0.0
87.5°	11.7	10.6	9.5	8.5	7.4	5.3	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 $\text{W}^\wedge/\text{nm}$	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			

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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)