

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: P1066983

Luminaire Tested: **NAV-SA1C-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066983
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1C-730-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5465.1 lumens
Efficiency: N/A
Efficacy: 109.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.1
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



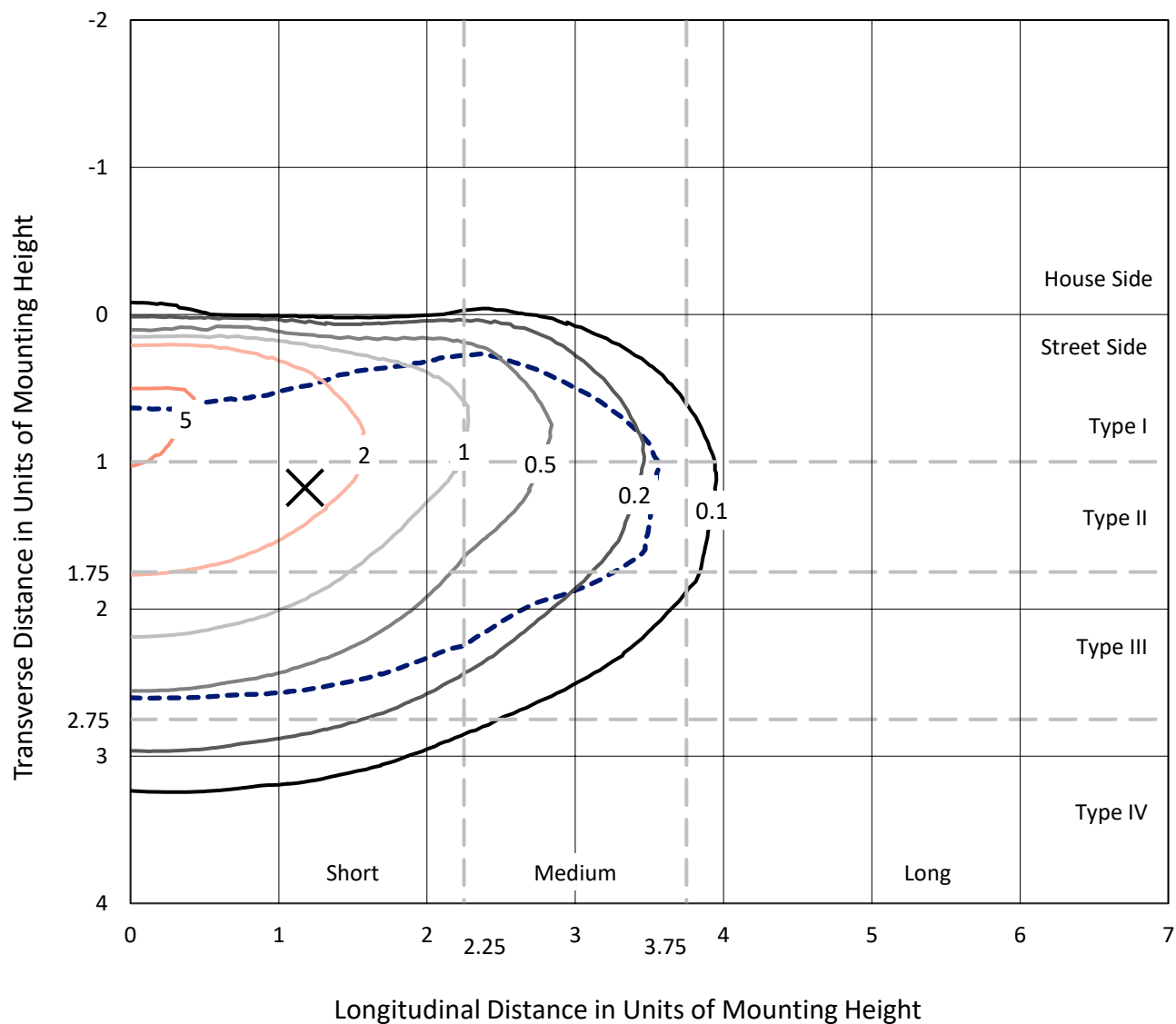
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

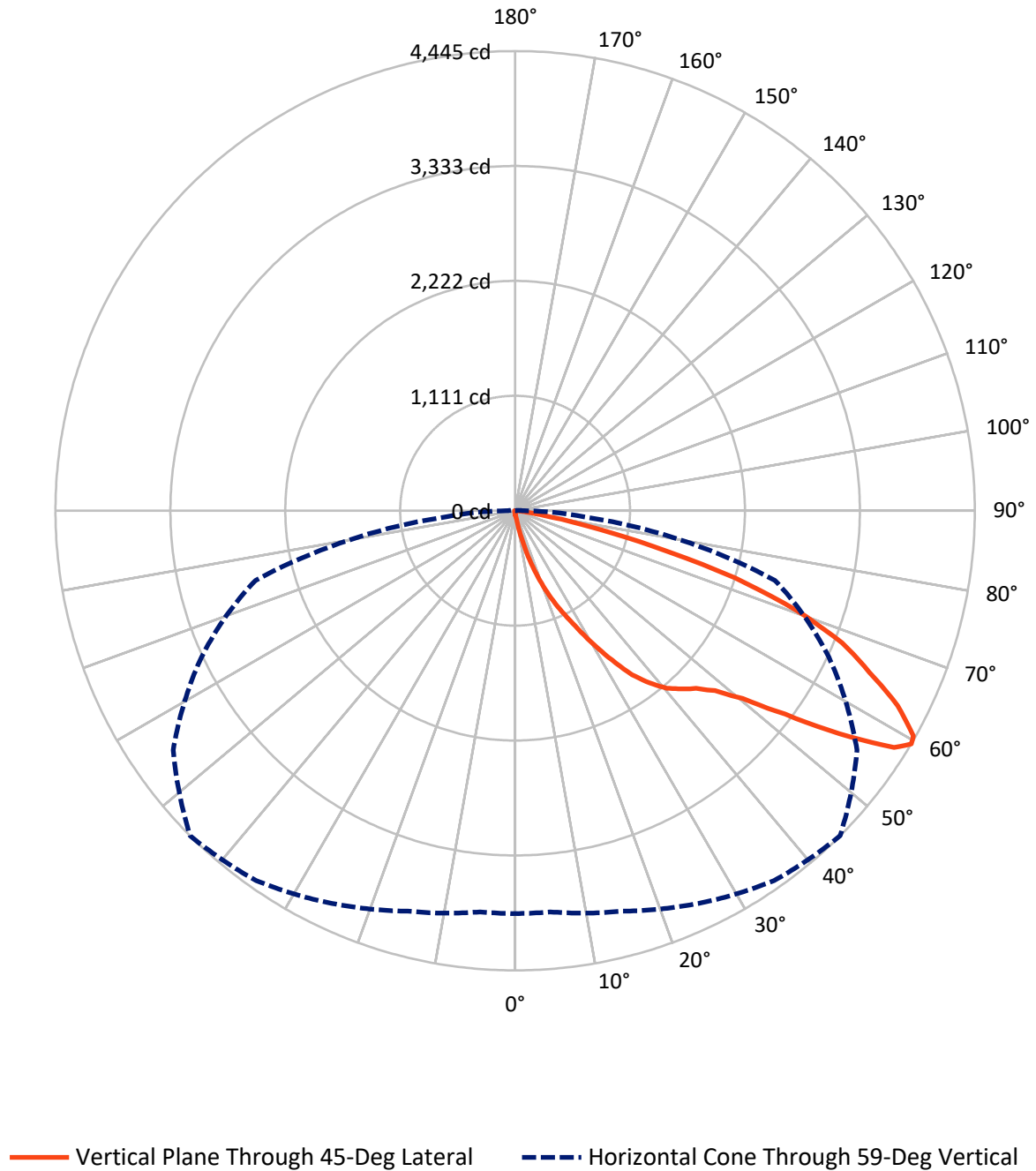


Based on 15 foot mounting height. Maximum calculated value = 6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.4	0.0	19.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5445.7	0.0	5445.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	5465.1	0.0	5465.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.1	0.1
10°-20°	60.4	1.1
20°-30°	217.0	4.0
30°-40°	504.4	9.2
40°-50°	859.6	15.7
50°-60°	1416.4	25.9
60°-70°	1637.7	30.0
70°-80°	703.6	12.9
80°-90°	60.8	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°	5465.1	100.0
0°-180°	5465.1	100.0



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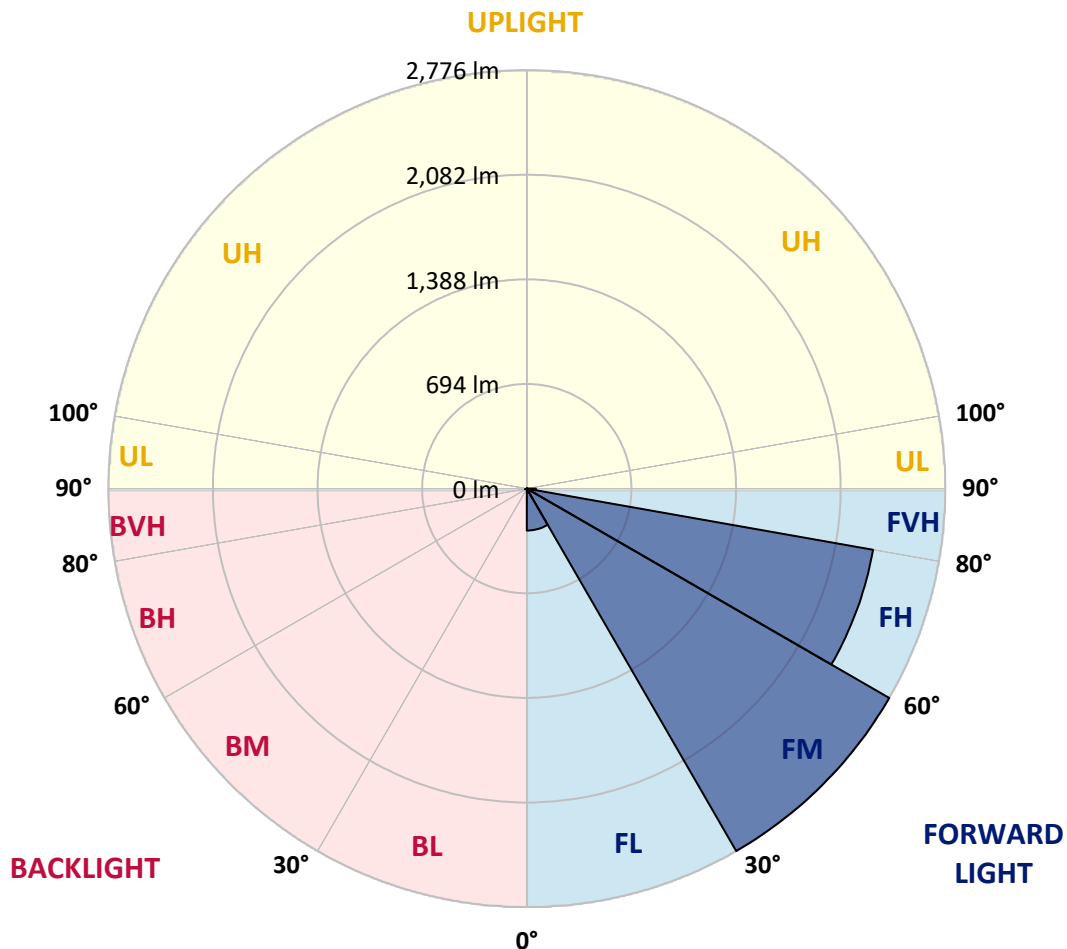
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	277.7	5.1			
FM	(30°-60°)	2775.7	50.8			
FH	(60°-80°)	2332.2	42.7			G2/5000
FVH	(80°-90°)	60.0	1.1			G1/100
BL	(0°-30°)	4.8	0.1	B0/110		
BM	(30°-60°)	4.7	0.1	B0/220		
BH	(60°-80°)	9.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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-G2

Type III Short



REPORT NUMBER: P1066983

CATALOG NUMBER: NAV-SA1C-730-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	44.8	44.8	43.7	42.3	41.9	40.8	40.8	39.7	38.2	37.1	35.6
5°	65.0	64.7	61.7	58.1	53.3	50.3	50.3	46.3	42.6	39.3	36.4
7.5°	142.2	138.9	128.2	110.6	87.5	72.0	70.9	57.7	48.9	42.3	36.7
10°	326.3	314.9	299.9	257.6	190.4	133.0	130.5	84.2	58.4	45.6	37.5
12.5°	534.7	543.9	513.7	447.2	368.6	274.1	255.8	141.8	77.2	50.0	38.2
15°	724.3	722.1	705.2	650.8	560.0	434.4	423.0	246.6	110.6	57.0	39.0
17.5°	866.1	863.6	847.4	812.5	742.7	617.0	607.1	393.2	173.4	66.9	39.7
20°	1015.7	1012.4	989.6	961.7	900.7	793.7	782.0	557.1	271.6	83.0	39.7
22.5°	1195.0	1188.8	1164.5	1117.1	1052.8	959.8	949.2	724.7	393.2	109.5	41.5
25°	1411.8	1401.2	1367.7	1325.1	1247.6	1124.1	1112.7	911.3	539.8	149.6	43.4
27.5°	1659.1	1661.0	1615.8	1543.8	1439.8	1313.7	1292.4	1078.5	691.6	206.9	45.6
30°	1952.8	1934.4	1870.8	1787.0	1686.0	1525.4	1504.8	1245.0	862.1	291.4	49.2
32.5°	2227.6	2207.8	2122.2	2016.7	1908.3	1738.9	1722.0	1432.1	1017.2	391.4	55.9
35°	2463.6	2449.6	2329.8	2201.2	2104.9	1953.5	1948.4	1640.8	1199.4	499.0	63.2
37.5°	2671.2	2645.8	2491.8	2358.5	2260.7	2125.1	2114.1	1831.9	1375.1	624.0	74.2
40°	2848.3	2834.3	2646.6	2471.3	2391.9	2270.6	2256.7	1999.4	1556.6	769.1	87.8
42.5°	3037.9	3019.5	2837.3	2640.7	2494.4	2364.7	2355.5	2137.6	1718.3	928.6	108.0
45°	3252.2	3218.0	3058.1	2881.7	2659.4	2462.1	2451.8	2260.7	1884.0	1099.9	132.7
47.5°	3481.1	3451.3	3322.0	3198.1	2942.4	2622.7	2600.6	2365.4	2048.7	1297.6	163.9
50°	3714.1	3714.8	3617.8	3558.3	3288.2	2883.6	2852.3	2519.4	2221.8	1509.2	210.2
52.5°	3985.3	3992.2	3990.8	3946.7	3737.2	3310.2	3268.3	2753.1	2422.8	1756.2	274.1
55°	4098.8	4111.3	4192.5	4290.3	4233.3	3851.1	3806.3	3156.2	2689.2	2031.4	368.9
57.5°	4005.8	4019.8	4131.9	4303.1	4434.0	4324.8	4319.7	3681.0	3040.1	2365.1	524.0
59°	3895.2	3893.4	4008.4	4190.0	4366.3	4437.3	4444.6	4036.0	3345.9	2599.2	657.8
60°	3821.7	3823.2	3899.6	4086.0	4273.4	4396.5	4425.1	4245.1	3524.5	2767.5	772.4
62.5°	3538.0	3555.0	3615.6	3788.7	3966.5	4104.0	4152.8	4431.4	4035.6	3165.1	1171.1
65°	3229.7	3230.8	3317.2	3465.3	3635.8	3732.4	3763.3	4141.4	4377.0	3570.0	1694.1
67.5°	2679.6	2702.0	2800.2	3040.1	3265.4	3387.8	3411.3	3604.9	4235.5	3833.9	1956.1
70°	1875.2	1904.6	2044.6	2355.9	2691.4	2892.4	2890.9	2996.8	3727.7	3716.3	1658.4
72.5°	936.3	987.0	1101.3	1434.6	1841.1	2156.7	2223.2	2410.6	2994.6	3086.8	1237.3
75°	413.8	416.7	481.8	649.7	915.0	1315.9	1375.5	1913.4	2297.5	2145.3	893.7
77.5°	240.7	242.9	254.7	291.8	370.8	644.9	711.8	1254.9	1623.5	1246.8	582.8
80°	87.5	89.7	89.3	110.6	162.4	253.9	283.0	608.2	1082.9	656.7	305.4
82.5°	53.7	53.7	51.8	52.2	59.2	97.4	106.6	259.1	527.3	323.4	87.5
85°	26.5	27.9	29.8	33.4	39.7	48.1	51.1	74.2	177.5	78.3	20.9
87.5°	15.8	16.2	17.6	21.3	26.5	34.5	36.7	50.3	63.6	52.5	5.1
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-SA1C-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2.5°	34.9	34.5	32.7	31.2	29.8	28.3	27.2	26.1	26.1	26.5	26.1
5°	34.9	33.4	30.5	27.9	25.7	23.9	22.0	20.6	20.2	20.2	20.6
7.5°	34.5	32.7	28.7	25.4	22.4	19.8	18.0	16.2	15.8	16.2	15.8
10°	34.2	32.0	27.2	23.2	19.1	16.5	14.0	12.1	12.1	12.1	12.5
12.5°	34.2	30.9	25.7	20.9	16.5	13.6	11.0	9.2	8.8	8.8	8.8
15°	33.8	30.1	24.3	18.4	14.0	10.3	8.1	6.2	6.2	6.2	6.2
17.5°	33.1	29.0	22.4	16.2	11.0	7.7	5.5	3.7	3.7	4.4	4.4
20°	32.3	27.9	20.2	13.2	9.2	5.9	3.7	2.2	2.2	3.3	3.7
22.5°	32.7	27.9	18.7	11.8	7.3	4.4	2.9	1.8	1.5	2.6	3.3
25°	33.1	27.2	16.9	10.3	5.5	3.3	2.2	0.7	0.4	0.7	1.1
27.5°	33.1	26.5	14.7	8.1	4.0	2.6	1.1	0.0	0.0	0.0	0.0
30°	32.7	25.4	12.9	6.6	2.9	1.5	0.4	0.0	0.0	0.0	0.0
32.5°	32.3	24.3	11.8	5.1	2.6	0.7	0.0	0.0	0.0	0.0	0.0
35°	32.7	22.8	10.3	4.0	1.5	0.0	0.0	0.0	0.0	0.0	0.7
37.5°	33.8	21.3	8.8	3.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	35.3	20.2	7.3	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	38.2	20.2	6.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	41.9	20.2	5.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	46.7	20.6	4.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	52.5	21.3	4.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	57.0	20.6	4.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	64.7	19.8	3.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	75.0	18.7	3.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	85.3	17.3	3.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	97.0	16.5	3.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	160.2	14.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	309.4	14.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	500.1	14.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	525.9	14.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	349.8	11.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	187.4	10.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	101.1	9.6	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	44.5	7.0	1.8	1.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	17.6	4.8	2.2	1.8	1.5	0.7	0.0	0.0	0.0	0.0	0.0
85°	8.5	3.7	2.9	2.6	1.8	1.1	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	3.7	3.3	2.9	2.6	1.8	0.4	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

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