

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: P1067230

Luminaire Tested: **NAV-SA3B-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067230
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-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12026.6 lumens
Efficiency: N/A
Efficacy: 113.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

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

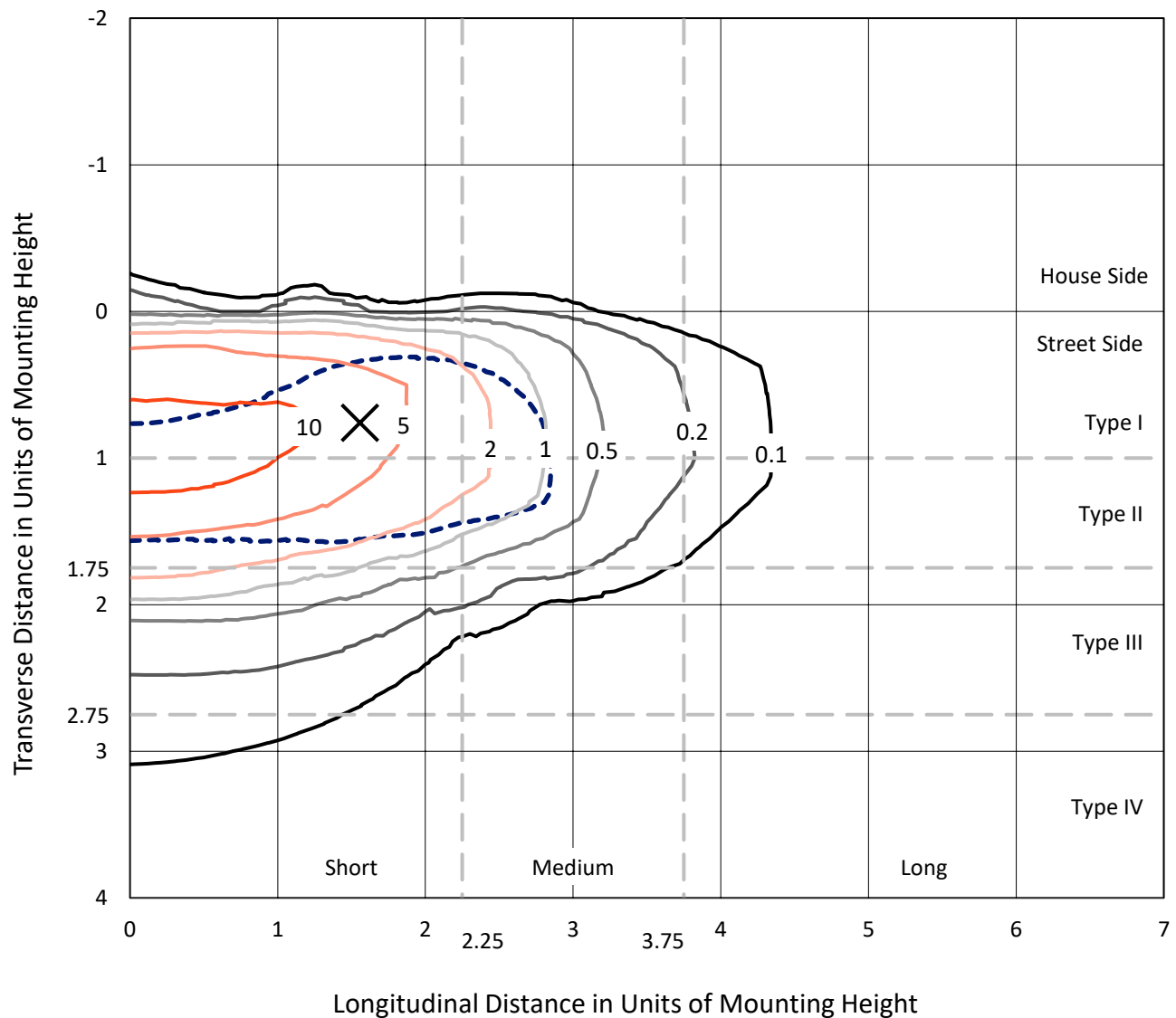


REPORT NUMBER: P1067230

CATALOG NUMBER: NAV-SA3B-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

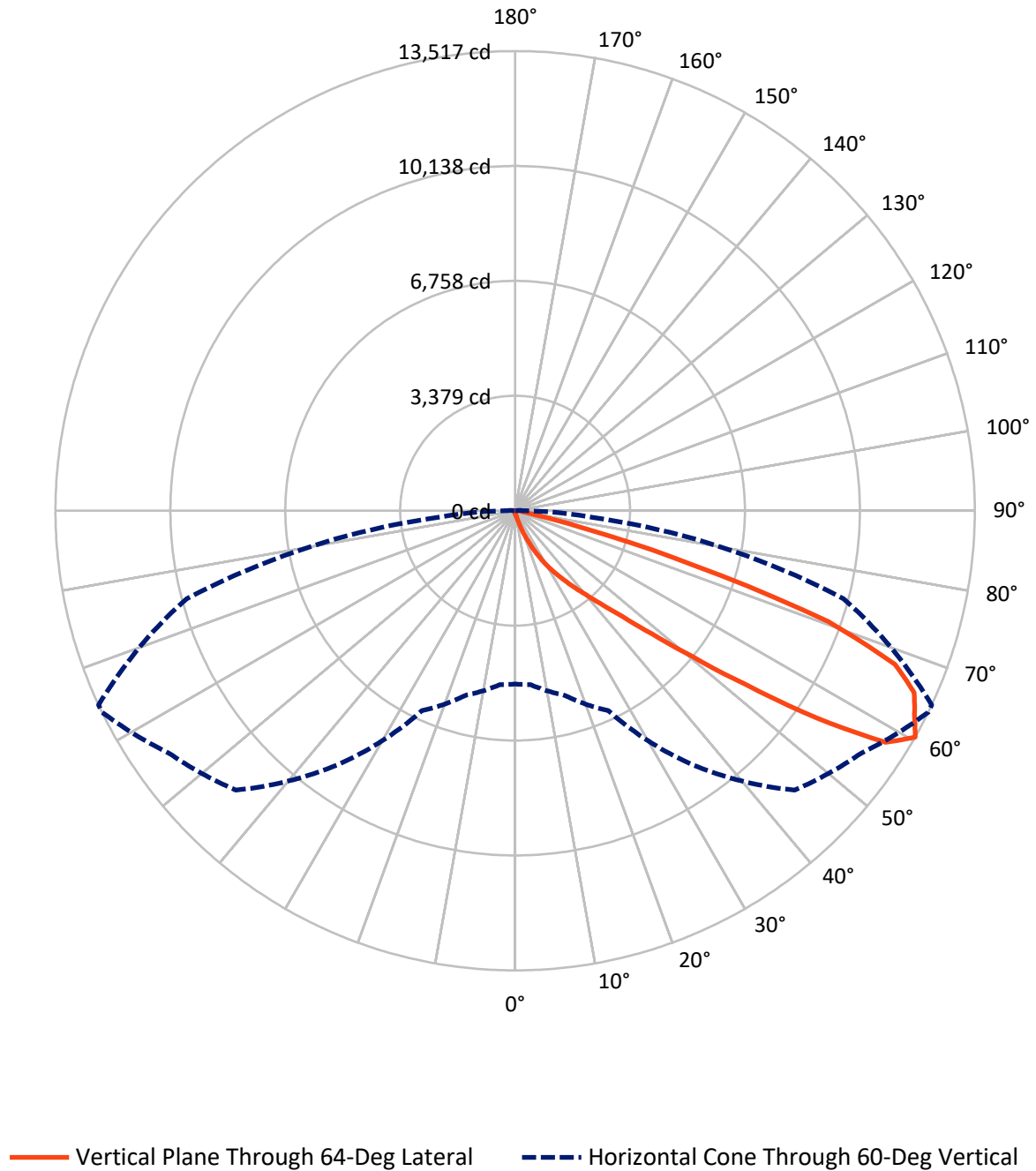


Based on 15 foot mounting height. Maximum calculated value = 17.2 fc
 Type II - Short - N/A

REPORT NUMBER: P1067230

CATALOG NUMBER: NAV-SA3B-730-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	48.7	0.0	48.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11977.9	0.0	11977.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	12026.6	0.0	12026.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.0	0.1
10°-20°	118.2	1.0
20°-30°	392.5	3.3
30°-40°	1047.4	8.7
40°-50°	2662.1	22.1
50°-60°	3880.8	32.3
60°-70°	2997.5	24.9
70°-80°	823.2	6.8
80°-90°	92.9	0.8
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°	12026.6	100.0
0°-180°	12026.6	100.0



REPORT NUMBER: P1067230

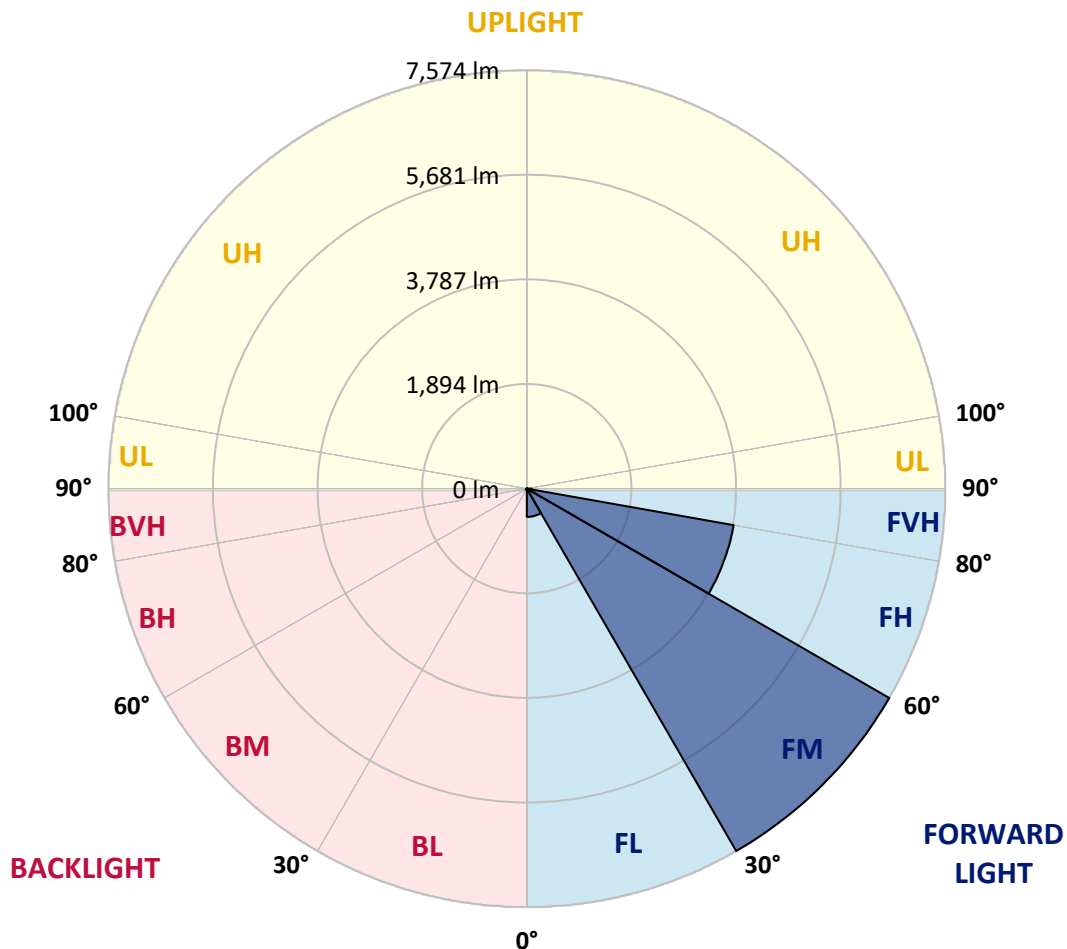
CATALOG NUMBER: NAV-SA3B-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	511.7	4.3			
FM	(30°-60°)	7574.1	63.0			
FH	(60°-80°)	3801.3	31.6			G2/5000
FVH	(80°-90°)	90.7	0.8			G1/100
BL	(0°-30°)	10.9	0.1	B0/110		
BM	(30°-60°)	16.2	0.1	B0/220		
BH	(60°-80°)	19.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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 II Short



REPORT NUMBER: P1067230

CATALOG NUMBER: NAV-SA3B-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
2.5°	105.9	105.9	105.9	102.6	99.3	99.3	96.0	92.7	92.7	86.1	82.8
5°	162.2	162.2	155.6	149.0	139.0	125.8	112.6	102.6	102.6	92.7	86.1
7.5°	317.8	327.7	297.9	261.5	211.9	178.8	142.4	119.2	115.9	99.3	86.1
10°	688.6	682.0	635.6	546.2	430.4	311.2	198.6	145.7	139.0	105.9	86.1
12.5°	1036.2	1046.1	996.5	897.1	758.1	552.9	341.0	188.7	182.1	115.9	86.1
15°	1334.1	1334.1	1301.0	1251.4	1099.1	883.9	549.5	281.4	258.2	125.8	82.8
17.5°	1539.4	1536.1	1522.8	1509.6	1420.2	1198.4	840.9	450.2	397.3	149.0	82.8
20°	1771.1	1761.2	1777.7	1751.3	1681.7	1506.3	1148.7	668.7	619.1	188.7	82.8
22.5°	2012.8	2022.7	2036.0	2009.5	1933.3	1781.0	1473.2	950.1	897.1	261.5	86.1
25°	2320.7	2314.0	2343.8	2320.7	2224.7	2045.9	1777.7	1258.0	1181.8	364.2	92.7
27.5°	2698.1	2684.8	2704.7	2645.1	2519.3	2337.2	2049.2	1572.5	1483.1	523.1	105.9
30°	3197.9	3207.9	3118.5	3049.0	2870.2	2628.5	2350.5	1910.2	1817.5	711.8	119.2
32.5°	3985.8	3916.3	3777.3	3495.9	3260.8	2953.0	2651.7	2204.8	2122.0	953.4	139.0
35°	5214.0	5227.3	4922.7	4227.5	3717.7	3360.2	2982.8	2529.2	2469.6	1228.2	165.5
37.5°	6710.4	6674.0	6405.8	5528.5	4386.4	3866.7	3360.2	2883.4	2797.4	1526.1	198.6
40°	8405.3	8253.1	8097.5	7501.6	5780.1	4502.3	3836.9	3293.9	3227.7	1870.4	251.6
42.5°	9762.6	9722.9	9749.4	9501.1	8104.1	5584.8	4469.2	3797.1	3717.7	2297.5	344.3
45°	10431.4	10375.1	10534.0	10719.4	10361.8	7888.9	5488.8	4439.4	4333.4	2800.7	486.6
47.5°	10252.6	10212.9	10553.9	10918.0	11394.7	10560.5	7154.0	5399.4	5217.3	3446.2	698.5
50°	9372.0	9375.3	9934.8	10613.4	11368.2	11914.5	9620.3	6713.7	6485.3	4303.6	1029.6
52.5°	8514.6	8541.1	9133.7	10123.5	10974.3	12073.4	11785.4	8484.8	8114.0	5313.3	1420.2
55°	7634.0	7647.2	8170.3	9564.0	10788.9	11600.0	12897.7	10765.7	10371.8	6571.3	1800.9
57.5°	6786.5	6786.5	6981.8	8220.0	10587.0	11556.9	12765.3	12851.3	12530.2	8008.1	2082.3
60°	5098.2	5131.3	5617.9	6485.3	9130.3	11619.8	12427.6	13516.7	13516.7	10001.0	2297.5
62.5°	2575.6	2625.2	3231.0	4075.2	6263.5	10752.5	12480.6	13182.4	13235.4	11758.9	2787.4
65°	1208.3	1264.6	1589.0	2184.9	3370.1	7567.8	11931.0	12897.7	12881.1	11424.5	3820.3
67.5°	867.3	883.9	993.1	1274.5	1814.2	3317.1	9107.2	12046.9	12053.5	9706.4	4393.0
70°	778.0	778.0	804.4	887.2	1092.5	1483.1	4426.1	9756.0	10229.4	7495.0	4071.9
72.5°	768.0	761.4	754.8	758.1	738.2	744.9	1519.5	5508.7	6184.0	5243.8	3247.6
75°	748.2	748.2	741.6	718.4	589.3	480.0	523.1	2228.0	2575.6	3502.5	2410.0
77.5°	592.6	652.2	721.7	678.7	539.6	360.8	304.6	645.5	814.4	2148.5	1747.9
80°	274.8	278.1	274.8	288.0	344.3	258.2	225.1	314.5	317.8	1191.8	1082.5
82.5°	198.6	201.9	192.0	172.1	152.3	139.0	185.4	231.7	248.3	546.2	403.9
85°	59.6	56.3	66.2	89.4	105.9	122.5	155.6	195.3	205.3	201.9	59.6
87.5°	26.5	26.5	33.1	46.3	62.9	92.7	135.7	178.8	182.1	208.6	16.6
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: P1067230

CATALOG NUMBER: NAV-SA3B-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
2.5°	82.8	79.5	76.1	72.8	69.5	66.2	62.9	62.9	66.2	66.2	66.2
5°	79.5	76.1	69.5	62.9	59.6	56.3	53.0	53.0	56.3	56.3	56.3
7.5°	79.5	72.8	66.2	59.6	53.0	49.7	46.3	46.3	46.3	49.7	49.7
10°	79.5	72.8	62.9	53.0	46.3	43.0	39.7	36.4	39.7	39.7	39.7
12.5°	76.1	69.5	59.6	49.7	39.7	33.1	29.8	29.8	29.8	29.8	29.8
15°	72.8	66.2	56.3	43.0	33.1	26.5	19.9	19.9	19.9	23.2	23.2
17.5°	69.5	62.9	49.7	33.1	23.2	16.6	13.2	13.2	13.2	16.6	16.6
20°	69.5	59.6	43.0	26.5	16.6	9.9	6.6	6.6	6.6	9.9	13.2
22.5°	69.5	59.6	39.7	19.9	9.9	6.6	3.3	3.3	3.3	3.3	3.3
25°	69.5	56.3	36.4	16.6	6.6	3.3	0.0	0.0	3.3	6.6	9.9
27.5°	69.5	53.0	29.8	9.9	6.6	3.3	0.0	3.3	6.6	6.6	6.6
30°	69.5	53.0	26.5	9.9	3.3	0.0	0.0	3.3	6.6	6.6	9.9
32.5°	72.8	49.7	23.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	76.1	46.3	19.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	82.8	46.3	13.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	92.7	49.7	13.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	115.9	53.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	162.2	66.2	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	238.4	99.3	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	347.6	135.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	427.1	135.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	423.7	86.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	324.4	59.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	274.8	43.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	331.0	33.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	589.3	29.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	946.8	29.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1059.4	29.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	827.6	26.5	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	453.5	23.2	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	228.4	16.6	6.6	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0
80°	96.0	13.2	6.6	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0
82.5°	33.1	13.2	6.6	6.6	3.3	3.3	0.0	0.0	0.0	0.0	0.0
85°	16.6	9.9	9.9	6.6	6.6	3.3	3.3	0.0	0.0	0.0	0.0
87.5°	9.9	9.9	9.9	6.6	6.6	3.3	3.3	0.0	0.0	0.0	3.3
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 W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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)