

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: P1067483

Luminaire Tested: **NAV-SA6C-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067483
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6C-730-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30144.7 lumens
Efficiency: N/A
Efficacy: 108.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 279.1
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

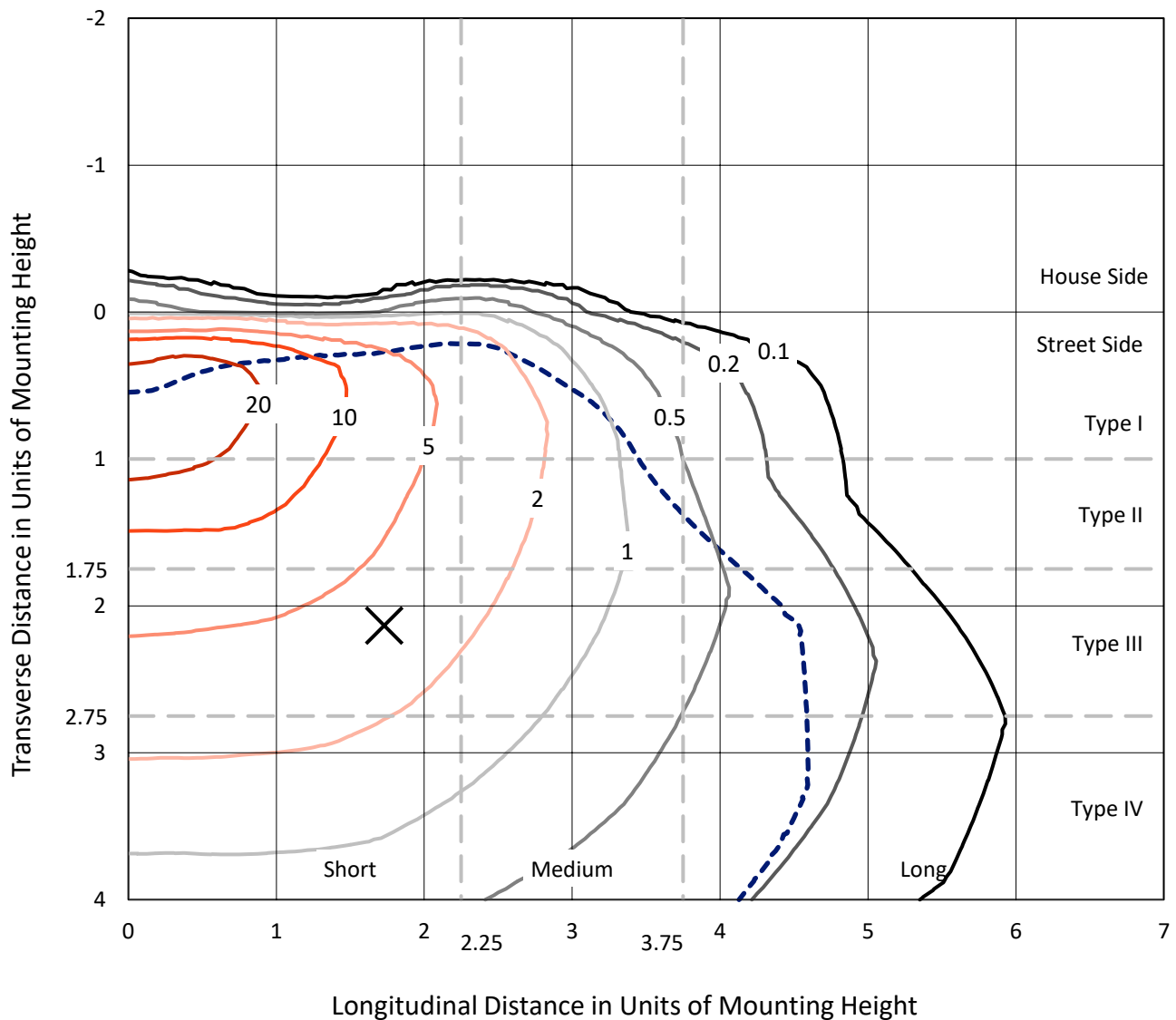


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

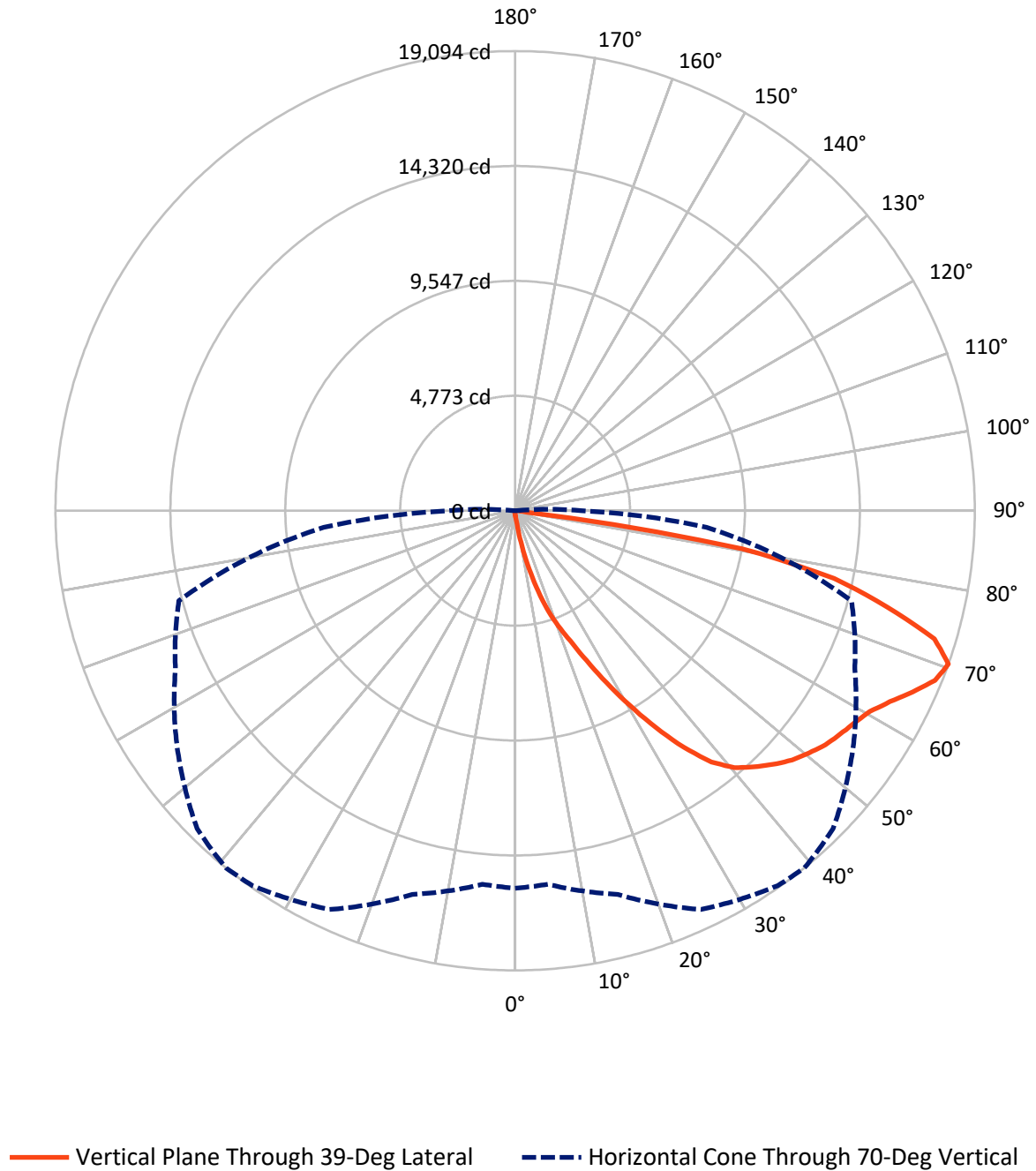


Based on 15 foot mounting height. Maximum calculated value = 32.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	92.8	0.0	92.8
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	30051.9	0.0	30051.9
	% Fixture	99.7	0.0	99.7
Total	Lumens	30144.7	0.0	30144.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.7	0.1
10°-20°	370.6	1.2
20°-30°	1257.6	4.2
30°-40°	2955.6	9.8
40°-50°	4799.3	15.9
50°-60°	6081.6	20.2
60°-70°	7725.3	25.6
70°-80°	6276.8	20.8
80°-90°	646.3	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°	30144.7	100.0
0°-180°	30144.7	100.0



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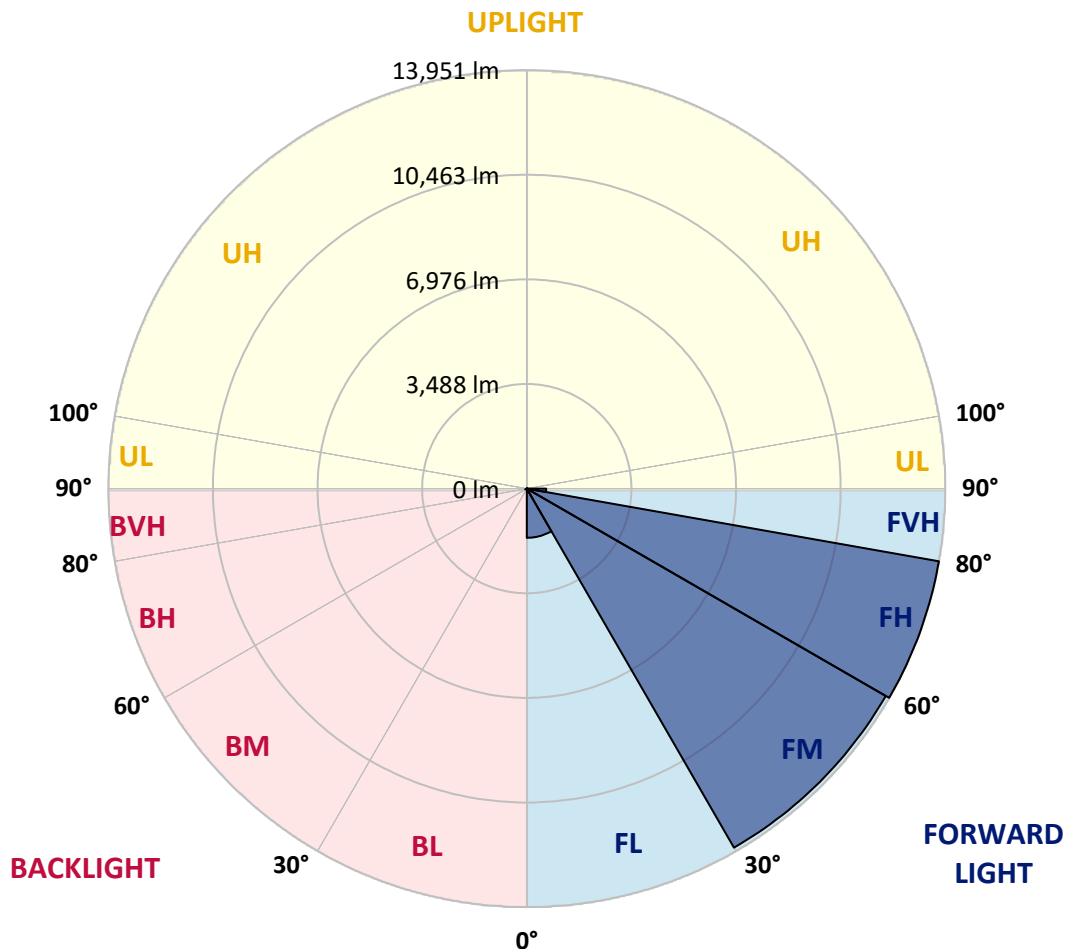
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1639.8	5.4			
FM	(30°-60°)	13818.6	45.8			
FH	(60°-80°)	13951.0	46.3			G5
FVH	(80°-90°)	642.4	2.1			G4/750
BL	(0°-30°)	20.1	0.1	B0/110		
BM	(30°-60°)	17.8	0.1	B0/220		
BH	(60°-80°)	51.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.9	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7
2.5°	212.8	212.8	212.8	204.6	204.6	196.4	196.4	188.2	180.1	180.1	171.9
5°	401.0	409.2	384.7	335.6	302.8	286.4	270.1	229.2	204.6	188.2	171.9
7.5°	1096.7	1063.9	1014.8	851.2	654.7	556.5	474.7	335.6	245.5	196.4	171.9
10°	2307.9	2217.9	2078.8	1857.8	1473.2	1317.7	1023.0	613.8	343.7	221.0	171.9
12.5°	3388.3	3404.6	3232.8	3020.0	2553.5	2291.6	1890.5	1154.0	540.2	261.9	171.9
15°	4206.7	4190.3	4124.8	3953.0	3535.6	3281.9	2921.8	1939.7	908.4	327.4	180.1
17.5°	4853.2	4787.8	4763.2	4689.5	4419.5	4280.3	3887.5	2856.3	1440.4	441.9	188.2
20°	5499.8	5483.4	5458.9	5377.0	5197.0	5098.8	4795.9	3781.1	2144.3	630.2	204.6
22.5°	6441.0	6350.9	6367.3	6187.3	6039.9	5868.1	5622.5	4763.2	2954.5	900.3	229.2
25°	7545.8	7537.6	7406.7	7324.9	7079.3	6891.1	6563.7	5712.6	3854.8	1301.3	253.7
27.5°	8847.1	8757.1	8699.8	8560.7	8307.0	8094.2	7644.0	6653.8	4828.7	1751.4	286.4
30°	10205.7	10205.7	10099.3	9886.5	9641.0	9379.1	8920.8	7644.0	5794.4	2324.3	327.4
32.5°	11793.4	11826.2	11564.3	11245.1	10925.9	10745.9	10148.4	8765.3	6719.2	2979.0	376.5
35°	13332.1	13291.1	12857.4	12505.5	12268.1	12071.7	11564.3	9992.9	7766.8	3740.2	441.9
37.5°	14805.2	14698.8	13978.6	13479.4	13373.0	13242.0	12734.6	11220.5	8806.2	4583.2	523.8
40°	15861.0	15697.3	14952.5	14265.1	14109.6	14035.9	13643.1	12333.6	9902.9	5524.3	630.2
42.5°	16319.3	16131.1	15615.5	15058.9	14715.2	14543.3	14199.6	13242.0	10999.6	6571.9	785.7
45°	16409.3	16262.0	15893.7	15762.8	15296.3	15034.4	14567.9	13888.6	12022.6	7611.3	998.5
47.5°	16081.9	16016.5	15795.5	16073.8	15836.4	15476.3	14911.6	14371.5	12931.0	8871.7	1293.1
50°	15279.9	15230.8	15337.2	16065.6	16229.3	15820.1	15288.1	14747.9	13716.7	10173.0	1710.5
52.5°	14199.6	14191.4	14690.6	15852.8	16401.1	16147.4	15656.4	15124.4	14338.7	11433.3	2299.8
55°	13021.1	13160.2	14035.9	15656.4	16499.3	16384.8	16016.5	15460.0	14895.2	12603.7	3249.1
57.5°	12922.8	12865.6	13708.5	15574.5	16556.6	16622.1	16376.6	15811.9	15369.9	13561.2	4517.7
60°	13905.0	13774.0	14093.2	15746.4	16810.3	16924.9	16736.7	16081.9	15844.6	14314.2	6187.3
62.5°	15042.6	14919.8	15083.5	16409.3	17309.6	17473.3	17235.9	16360.2	16229.3	14838.0	7979.6
65°	15951.0	15852.8	16163.8	17399.6	18005.2	18144.4	17980.7	16875.8	16401.1	15263.5	9436.4
67.5°	16098.3	15975.6	16622.1	18062.5	18709.1	18807.3	18676.3	17375.1	16343.8	15296.3	9771.9
70°	15680.9	15574.5	16499.3	18275.3	19011.9	19093.7	18676.3	17137.7	15566.3	14461.5	7987.8
72.5°	14396.0	14477.8	15672.7	17759.7	18594.5	18218.0	17334.1	15942.8	14559.7	12259.9	5606.2
75°	12399.1	12489.1	14076.8	16343.8	16409.3	15951.0	15476.3	14666.1	13029.2	8077.8	3887.5
77.5°	8814.4	8495.2	10868.6	13495.7	13258.4	13553.0	13594.0	12202.6	10909.5	4206.7	2602.6
80°	867.5	736.6	1366.8	3871.1	8552.5	9559.1	9952.0	9403.6	8045.1	1882.4	1366.8
82.5°	188.2	188.2	204.6	221.0	343.7	515.6	2365.2	5794.4	5197.0	957.6	441.9
85°	106.4	106.4	130.9	155.5	204.6	229.2	270.1	360.1	1399.5	343.7	81.8
87.5°	81.8	90.0	106.4	130.9	171.9	188.2	229.2	286.4	351.9	319.2	24.6
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°	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7
2.5°	171.9	163.7	155.5	147.3	139.1	139.1	130.9	130.9	130.9	130.9	130.9
5°	163.7	155.5	147.3	130.9	122.8	114.6	106.4	106.4	106.4	106.4	106.4
7.5°	163.7	155.5	139.1	122.8	106.4	98.2	90.0	81.8	81.8	90.0	90.0
10°	163.7	147.3	122.8	106.4	90.0	81.8	73.7	65.5	65.5	65.5	65.5
12.5°	155.5	139.1	114.6	98.2	81.8	65.5	49.1	40.9	40.9	40.9	40.9
15°	147.3	130.9	106.4	81.8	57.3	40.9	32.7	24.6	24.6	24.6	24.6
17.5°	147.3	122.8	98.2	73.7	40.9	24.6	16.4	8.2	8.2	8.2	16.4
20°	147.3	122.8	90.0	57.3	24.6	16.4	16.4	8.2	0.0	8.2	8.2
22.5°	147.3	114.6	73.7	40.9	24.6	16.4	8.2	0.0	0.0	0.0	0.0
25°	155.5	114.6	65.5	32.7	16.4	8.2	0.0	0.0	0.0	0.0	0.0
27.5°	155.5	106.4	57.3	24.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0
30°	163.7	106.4	49.1	16.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	163.7	98.2	32.7	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	163.7	90.0	24.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	163.7	81.8	24.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	171.9	73.7	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	180.1	65.5	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	188.2	57.3	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	212.8	57.3	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	245.5	57.3	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	294.6	57.3	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	384.7	49.1	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	556.5	49.1	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	933.0	49.1	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1636.8	49.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2766.3	49.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3609.2	57.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2741.7	49.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1309.5	32.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	581.1	32.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	253.7	24.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	98.2	16.4	8.2	8.2	8.2	8.2	0.0	0.0	0.0	0.0	0.0
82.5°	40.9	16.4	8.2	8.2	8.2	8.2	8.2	0.0	0.0	0.0	0.0
85°	24.6	16.4	16.4	16.4	8.2	8.2	8.2	0.0	0.0	0.0	0.0
87.5°	16.4	16.4	16.4	16.4	16.4	8.2	8.2	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

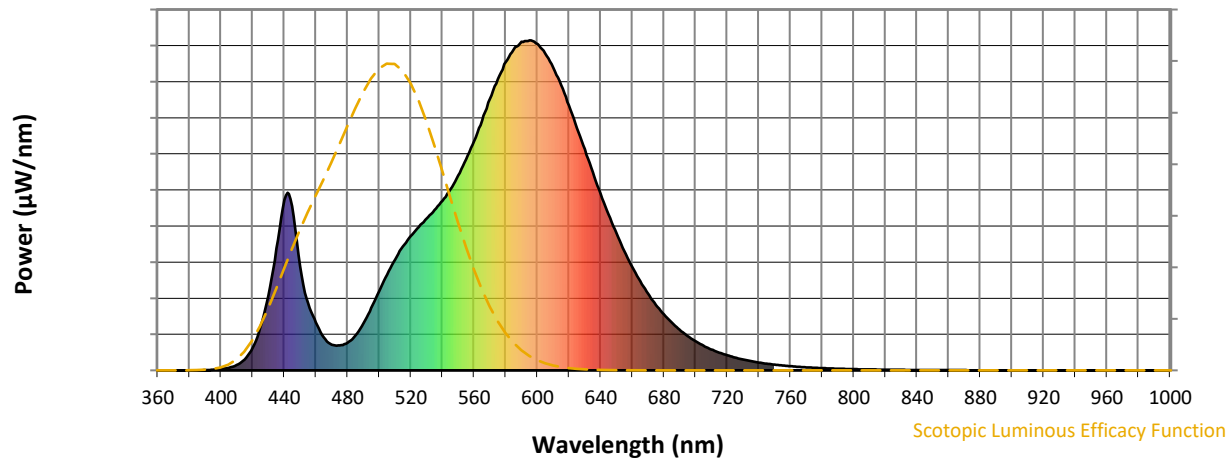


Photopic Lumens: NR

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			

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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)