

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: P1067201

Luminaire Tested: **NAV-SA2A-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067201
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2A-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5929.7 lumens
Efficiency: N/A
Efficacy: 107.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.3
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



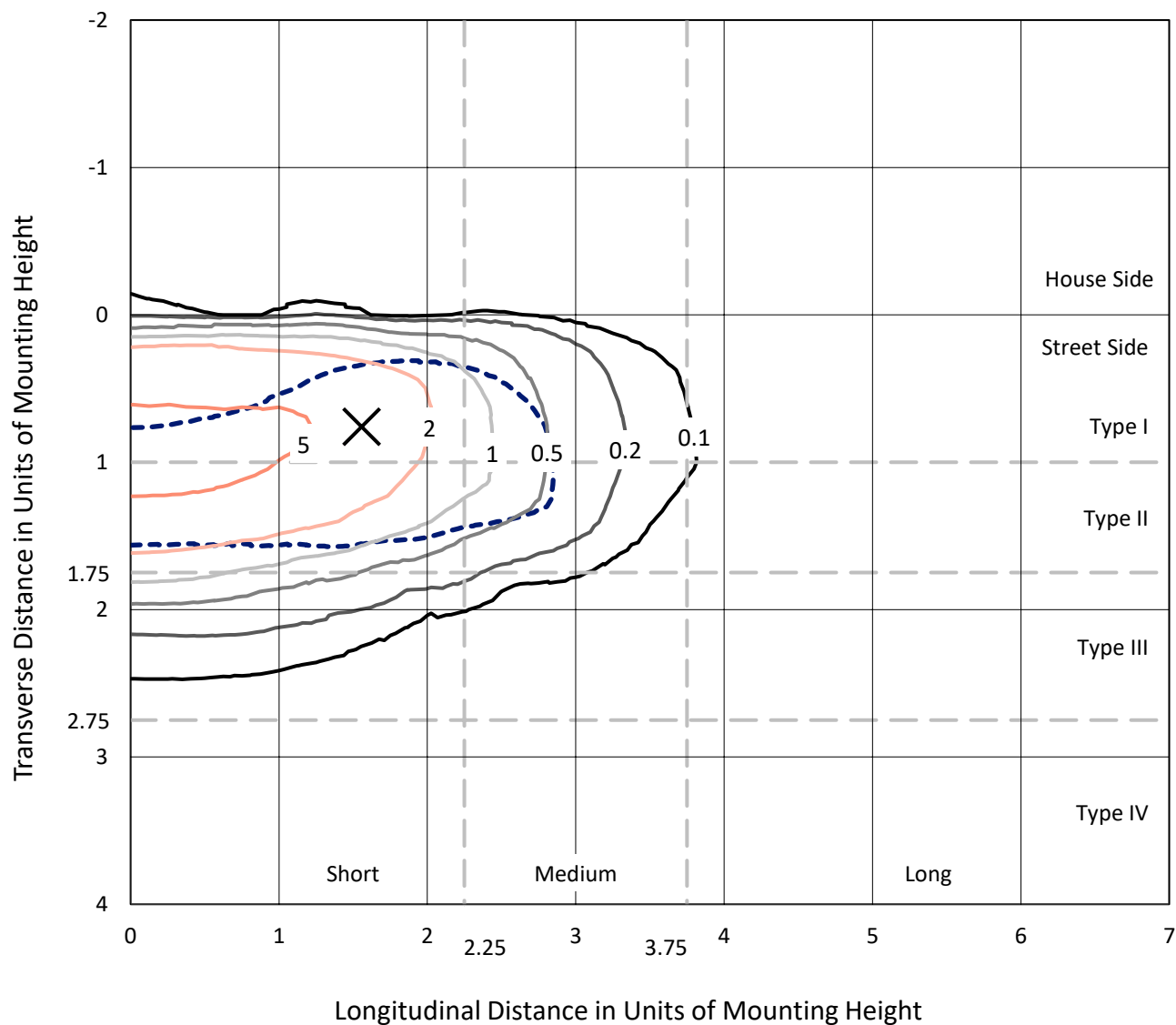
REPORT NUMBER: P1067201

CATALOG NUMBER: NAV-SA2A-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

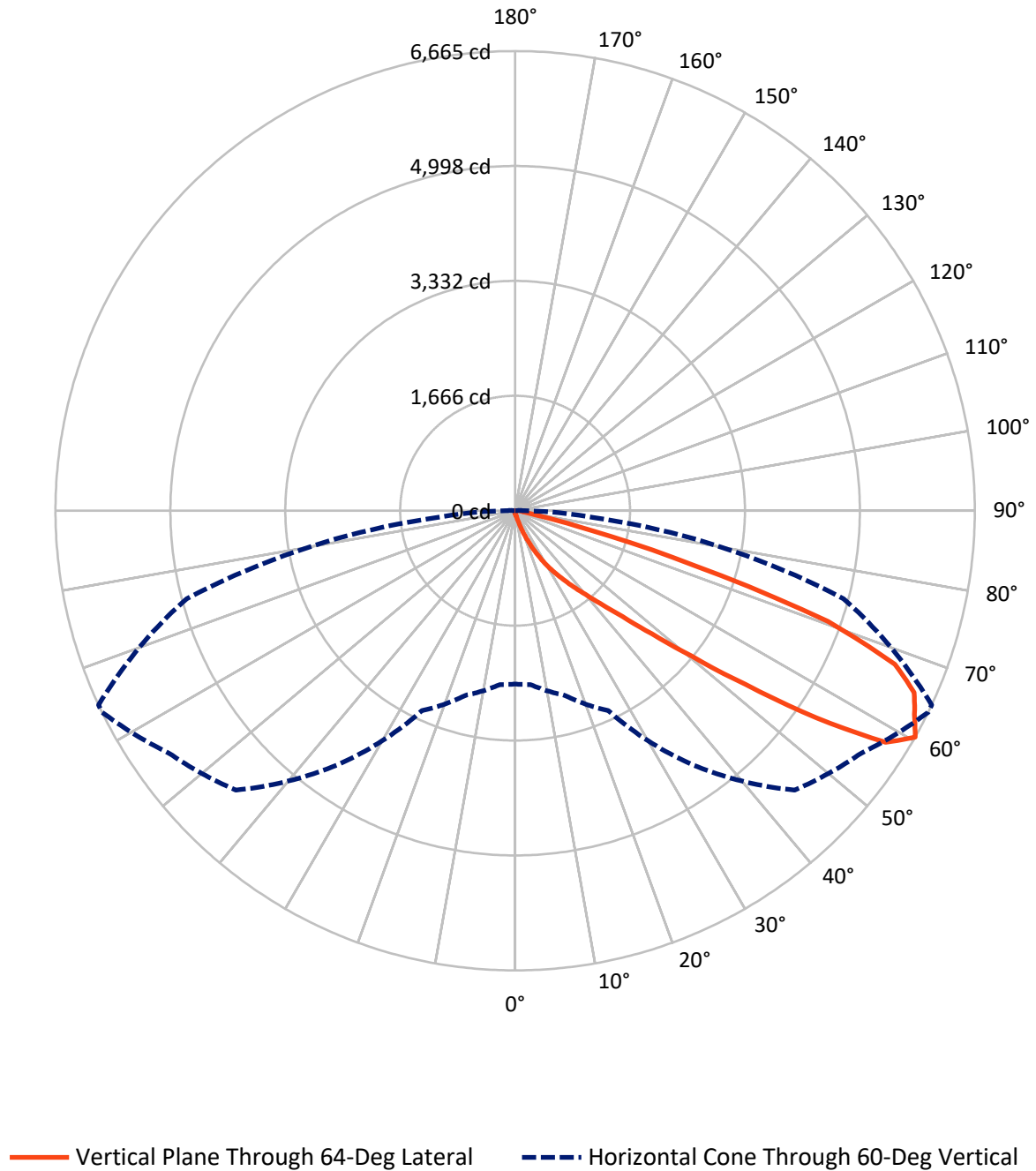
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 8.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1067201
CATALOG NUMBER: NAV-SA2A-727-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067201

CATALOG NUMBER: NAV-SA2A-727-U-T2BC

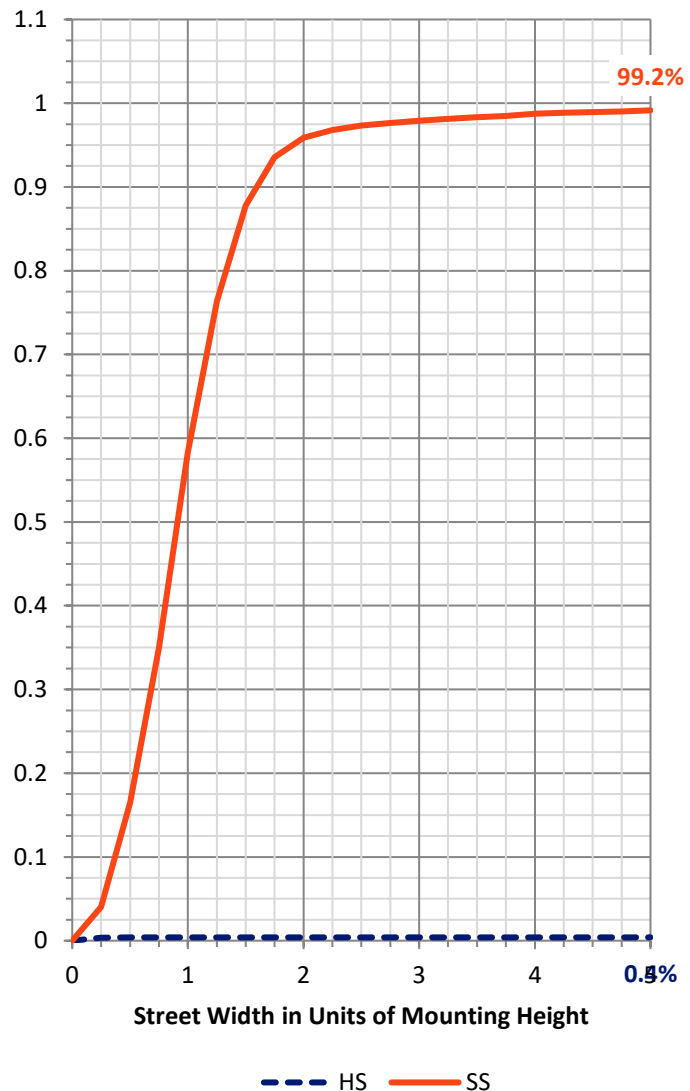
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.0	0.0	24.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5905.7	0.0	5905.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	5929.7	0.0	5929.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.9	0.1
10°-20°	58.3	1.0
20°-30°	193.5	3.3
30°-40°	516.4	8.7
40°-50°	1312.6	22.1
50°-60°	1913.4	32.3
60°-70°	1477.9	24.9
70°-80°	405.9	6.8
80°-90°	45.8	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°	5929.7	100.0
0°-180°	5929.7	100.0



REPORT NUMBER: P1067201

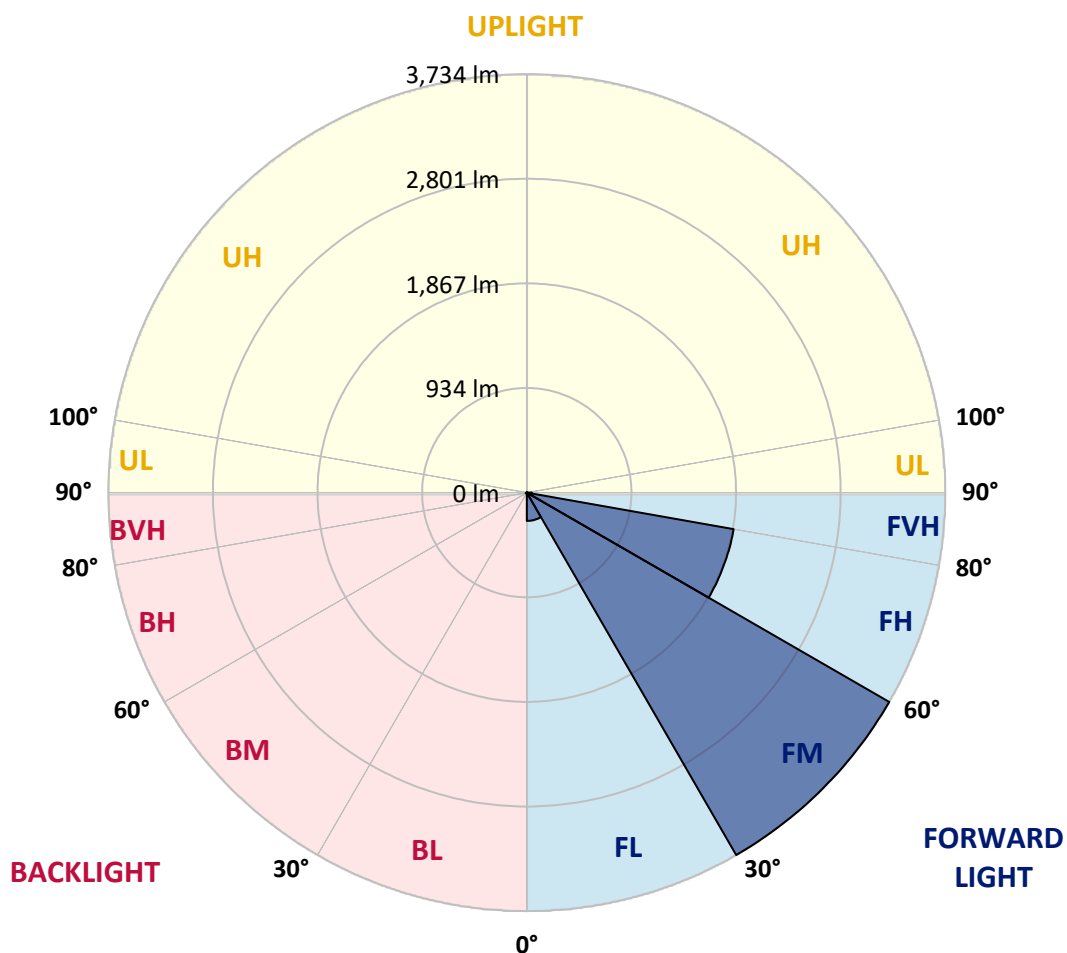
CATALOG NUMBER: NAV-SA2A-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	252.3	4.3			
FM	(30°-60°)	3734.4	63.0			
FH	(60°-80°)	1874.2	31.6			G2/5000
FVH	(80°-90°)	44.7	0.8			G1/100
BL	(0°-30°)	5.4	0.1	B0/110		
BM	(30°-60°)	8.0	0.1	B0/220		
BH	(60°-80°)	9.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.1	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: P1067201

CATALOG NUMBER: NAV-SA2A-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
2.5°	52.2	52.2	52.2	50.6	49.0	49.0	47.3	45.7	45.7	42.4	40.8
5°	80.0	80.0	76.7	73.5	68.6	62.0	55.5	50.6	50.6	45.7	42.4
7.5°	156.7	161.6	146.9	128.9	104.5	88.1	70.2	58.8	57.1	49.0	42.4
10°	339.5	336.2	313.4	269.3	212.2	153.4	97.9	71.8	68.6	52.2	42.4
12.5°	510.9	515.8	491.3	442.3	373.8	272.6	168.1	93.0	89.8	57.1	42.4
15°	657.8	657.8	641.5	617.0	541.9	435.8	271.0	138.7	127.3	62.0	40.8
17.5°	759.0	757.4	750.8	744.3	700.2	590.9	414.6	222.0	195.9	73.5	40.8
20°	873.3	868.4	876.5	863.5	829.2	742.7	566.4	329.7	305.2	93.0	40.8
22.5°	992.4	997.3	1003.8	990.8	953.2	878.1	726.3	468.5	442.3	128.9	42.4
25°	1144.2	1140.9	1155.6	1144.2	1096.9	1008.7	876.5	620.3	582.7	179.5	45.7
27.5°	1330.3	1323.8	1333.5	1304.2	1242.1	1152.4	1010.4	775.3	731.2	257.9	52.2
30°	1576.8	1581.6	1537.6	1503.3	1415.2	1296.0	1158.9	941.8	896.1	350.9	58.8
32.5°	1965.2	1930.9	1862.4	1723.7	1607.8	1456.0	1307.4	1087.1	1046.3	470.1	68.6
35°	2570.8	2577.3	2427.2	2084.4	1833.0	1656.7	1470.7	1247.0	1217.7	605.6	81.6
37.5°	3308.6	3290.6	3158.4	2725.9	2162.7	1906.5	1656.7	1421.7	1379.2	752.5	97.9
40°	4144.3	4069.2	3992.5	3698.7	2849.9	2219.9	1891.8	1624.1	1591.4	922.2	124.1
42.5°	4813.5	4793.9	4807.0	4684.5	3995.7	2753.6	2203.5	1872.2	1833.0	1132.8	169.8
45°	5143.2	5115.5	5193.8	5285.2	5108.9	3889.6	2706.3	2188.8	2136.6	1380.9	239.9
47.5°	5055.1	5035.5	5203.6	5383.2	5618.2	5206.9	3527.3	2662.2	2572.4	1699.2	344.4
50°	4620.9	4622.5	4898.4	5233.0	5605.1	5874.5	4743.3	3310.2	3197.6	2121.9	507.6
52.5°	4198.1	4211.2	4503.4	4991.4	5410.9	5952.8	5810.8	4183.4	4000.6	2619.8	700.2
55°	3764.0	3770.5	4028.4	4715.6	5319.5	5719.4	6359.2	5308.1	5113.8	3240.0	887.9
57.5°	3346.1	3346.1	3442.4	4052.9	5219.9	5698.2	6293.9	6336.4	6178.1	3948.4	1026.7
60°	2513.7	2530.0	2769.9	3197.6	4501.7	5729.2	6127.5	6664.5	6664.5	4931.0	1132.8
62.5°	1269.9	1294.4	1593.1	2009.3	3088.2	5301.5	6153.6	6499.6	6525.7	5797.7	1374.4
65°	595.8	623.5	783.5	1077.3	1661.6	3731.3	5882.6	6359.2	6351.1	5632.9	1883.6
67.5°	427.6	435.8	489.7	628.4	894.5	1635.5	4490.3	5939.7	5943.0	4785.7	2166.0
70°	383.6	383.6	396.6	437.4	538.6	731.2	2182.3	4810.2	5043.6	3695.4	2007.7
72.5°	378.7	375.4	372.2	373.8	364.0	367.3	749.2	2716.1	3049.0	2585.5	1601.2
75°	368.9	368.9	365.6	354.2	290.5	236.7	257.9	1098.5	1269.9	1726.9	1188.3
77.5°	292.2	321.6	355.8	334.6	266.1	177.9	150.2	318.3	401.5	1059.3	861.8
80°	135.5	137.1	135.5	142.0	169.8	127.3	111.0	155.1	156.7	587.6	533.7
82.5°	97.9	99.6	94.7	84.9	75.1	68.6	91.4	114.3	122.4	269.3	199.1
85°	29.4	27.7	32.6	44.1	52.2	60.4	76.7	96.3	101.2	99.6	29.4
87.5°	13.1	13.1	16.3	22.9	31.0	45.7	66.9	88.1	89.8	102.8	8.2
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: P1067201

CATALOG NUMBER: NAV-SA2A-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
2.5°	40.8	39.2	37.5	35.9	34.3	32.6	31.0	31.0	32.6	32.6	32.6
5°	39.2	37.5	34.3	31.0	29.4	27.7	26.1	26.1	27.7	27.7	27.7
7.5°	39.2	35.9	32.6	29.4	26.1	24.5	22.9	22.9	22.9	24.5	24.5
10°	39.2	35.9	31.0	26.1	22.9	21.2	19.6	18.0	19.6	19.6	19.6
12.5°	37.5	34.3	29.4	24.5	19.6	16.3	14.7	14.7	14.7	14.7	14.7
15°	35.9	32.6	27.7	21.2	16.3	13.1	9.8	9.8	9.8	11.4	11.4
17.5°	34.3	31.0	24.5	16.3	11.4	8.2	6.5	6.5	6.5	8.2	8.2
20°	34.3	29.4	21.2	13.1	8.2	4.9	3.3	3.3	3.3	4.9	6.5
22.5°	34.3	29.4	19.6	9.8	4.9	3.3	1.6	1.6	1.6	1.6	1.6
25°	34.3	27.7	18.0	8.2	3.3	1.6	0.0	0.0	1.6	3.3	4.9
27.5°	34.3	26.1	14.7	4.9	3.3	1.6	0.0	1.6	3.3	3.3	3.3
30°	34.3	26.1	13.1	4.9	1.6	0.0	0.0	1.6	3.3	3.3	4.9
32.5°	35.9	24.5	11.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	37.5	22.9	9.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	40.8	22.9	6.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	45.7	24.5	6.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	57.1	26.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	80.0	32.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	117.5	49.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	171.4	66.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	210.6	66.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	208.9	42.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	160.0	29.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	135.5	21.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	163.2	16.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	290.5	14.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	466.8	14.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	522.3	14.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	408.1	13.1	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	223.6	11.4	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	112.6	8.2	3.3	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	47.3	6.5	3.3	1.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0
82.5°	16.3	6.5	3.3	3.3	1.6	1.6	0.0	0.0	0.0	0.0	0.0
85°	8.2	4.9	4.9	3.3	3.3	1.6	1.6	0.0	0.0	0.0	0.0
87.5°	4.9	4.9	4.9	3.3	3.3	1.6	1.6	0.0	0.0	0.0	1.6
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

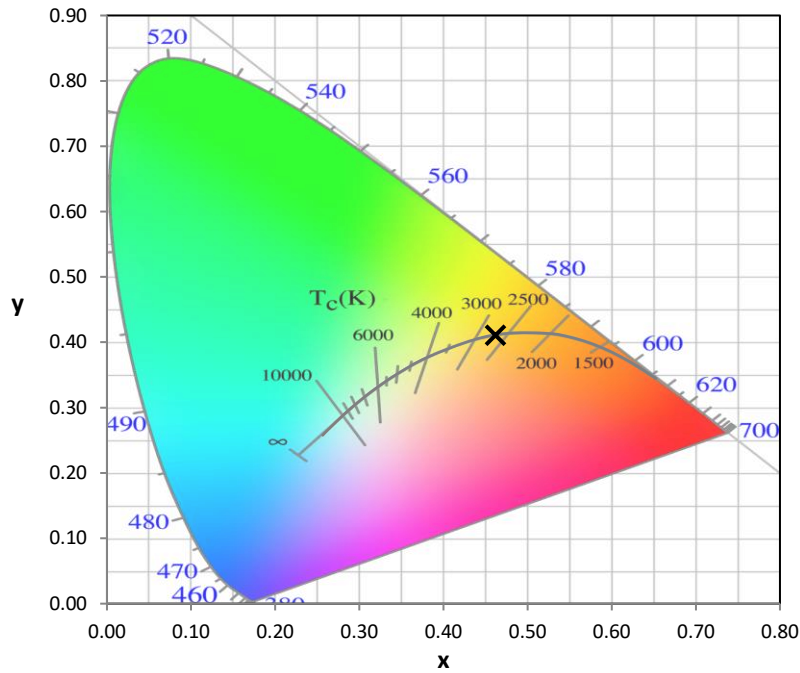
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

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: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



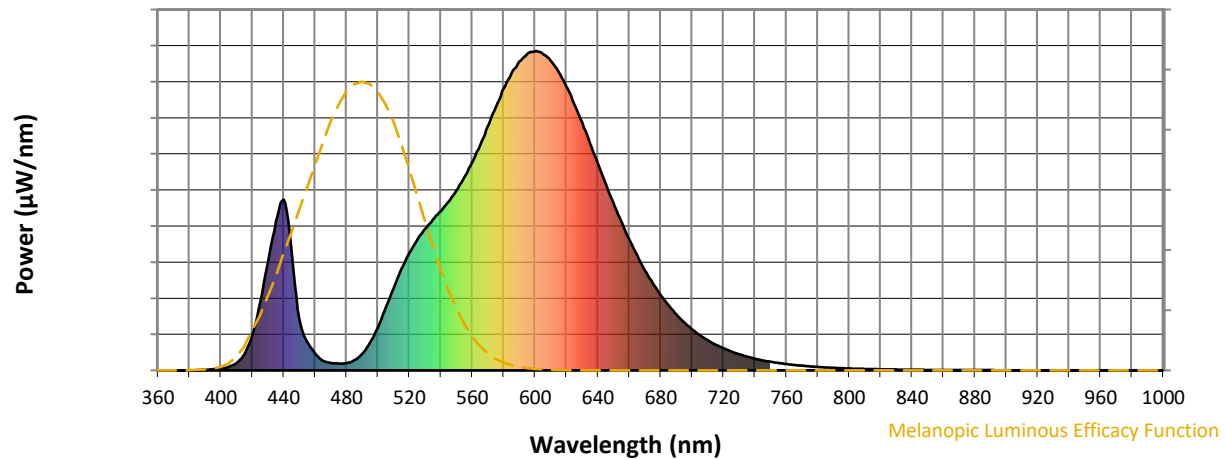
Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

TM-30-18

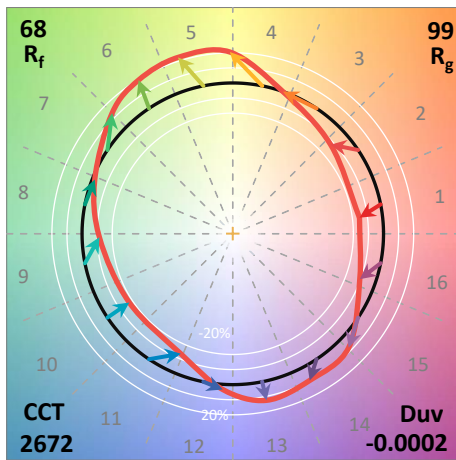
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison



Color Vector Graphics



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

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)