

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: P1066961

Luminaire Tested: **NAV-SA2A-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066961
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-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6288.4 lumens
Efficiency: N/A
Efficacy: 113.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - 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

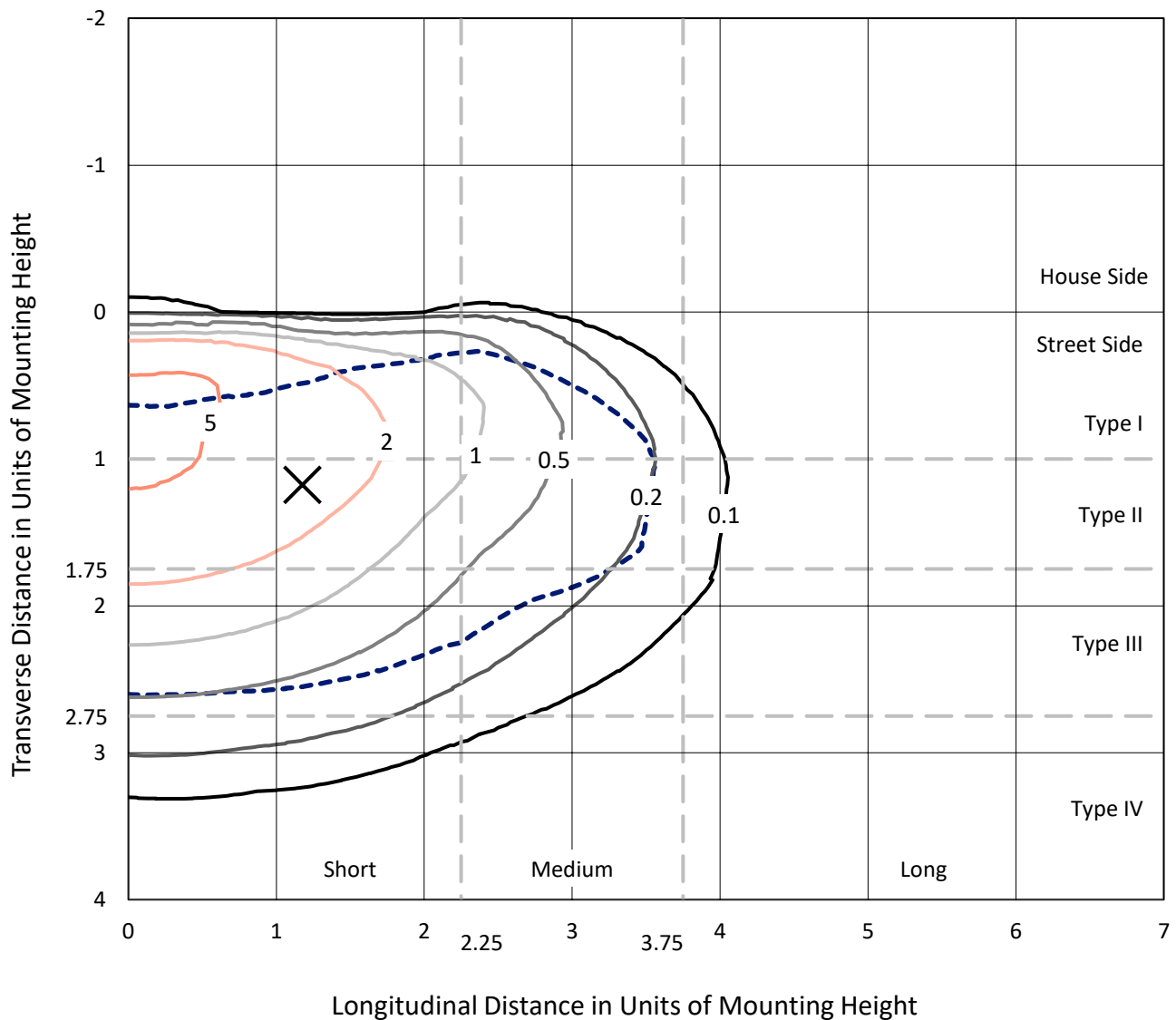


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

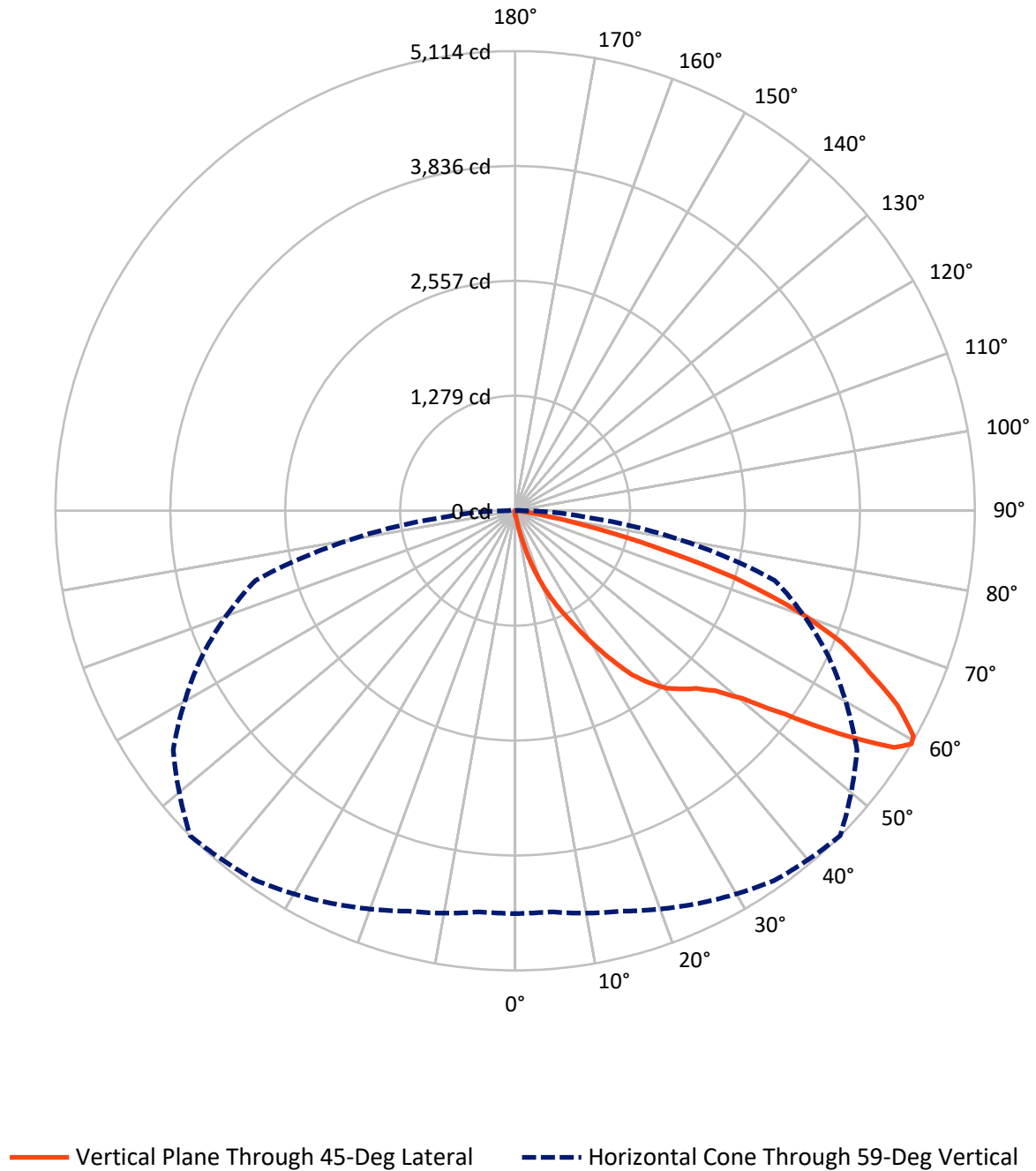


Based on 15 foot mounting height. Maximum calculated value = 6.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	22.3	0.0	22.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6266.1	0.0	6266.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	6288.4	0.0	6288.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.8	0.1
10°-20°	69.5	1.1
20°-30°	249.7	4.0
30°-40°	580.3	9.2
40°-50°	989.1	15.7
50°-60°	1629.8	25.9
60°-70°	1884.4	30.0
70°-80°	809.6	12.9
80°-90°	70.0	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°	6288.4	100.0
0°-180°	6288.4	100.0



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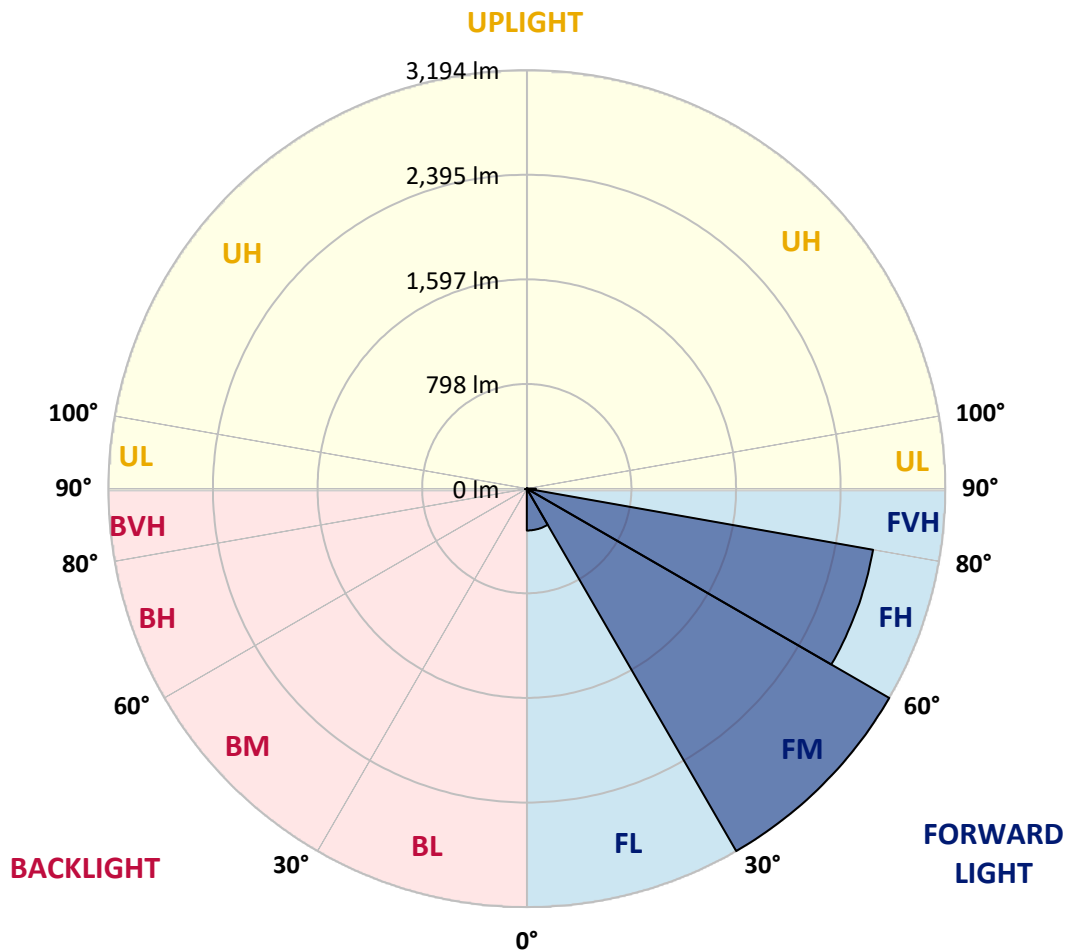
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	319.6	5.1			
FM	(30°-60°)	3193.9	50.8			
FH	(60°-80°)	2683.6	42.7			G2/5000
FVH	(80°-90°)	69.0	1.1			G1/100
BL	(0°-30°)	5.5	0.1	B0/110		
BM	(30°-60°)	5.4	0.1	B0/220		
BH	(60°-80°)	10.5	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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-G2

Type III Short



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CATALOG NUMBER: NAV-SA2A-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
2.5°	51.6	51.6	50.3	48.6	48.2	46.9	46.9	45.7	44.0	42.7	41.0
5°	74.8	74.4	71.0	66.8	61.3	57.9	57.9	53.3	49.0	45.2	41.9
7.5°	163.6	159.8	147.6	127.3	100.6	82.9	81.6	66.4	56.2	48.6	42.3
10°	375.5	362.4	345.0	296.4	219.0	153.1	150.1	96.8	67.2	52.4	43.1
12.5°	615.2	625.8	591.1	514.6	424.1	315.4	294.3	163.2	88.8	57.5	44.0
15°	833.4	830.9	811.4	748.8	644.4	499.8	486.7	283.7	127.3	65.5	44.8
17.5°	996.6	993.7	975.1	934.9	854.5	709.9	698.5	452.4	199.6	77.0	45.7
20°	1168.7	1164.9	1138.7	1106.6	1036.4	913.3	899.8	641.0	312.5	95.6	45.7
22.5°	1375.1	1367.9	1340.0	1285.4	1211.4	1104.4	1092.2	833.8	452.4	126.0	47.8
25°	1624.5	1612.3	1573.8	1524.7	1435.5	1293.5	1280.3	1048.6	621.1	172.1	49.9
27.5°	1909.1	1911.2	1859.2	1776.3	1656.7	1511.6	1487.1	1241.0	795.8	238.1	52.4
30°	2246.9	2225.8	2152.6	2056.2	1940.0	1755.2	1731.5	1432.6	992.0	335.3	56.7
32.5°	2563.2	2540.4	2441.9	2320.5	2195.8	2000.9	1981.4	1647.8	1170.4	450.3	64.3
35°	2834.7	2818.6	2680.8	2532.8	2422.0	2247.8	2241.9	1888.0	1380.1	574.2	72.7
37.5°	3073.6	3044.4	2867.2	2713.8	2601.3	2445.3	2432.6	2107.8	1582.2	718.0	85.4
40°	3277.4	3261.3	3045.3	2843.6	2752.2	2612.7	2596.6	2300.6	1791.1	885.0	101.1
42.5°	3495.6	3474.4	3264.7	3038.5	2870.2	2720.9	2710.4	2459.6	1977.2	1068.5	124.3
45°	3742.1	3702.8	3518.8	3315.9	3060.1	2833.0	2821.2	2601.3	2167.9	1265.5	152.6
47.5°	4005.5	3971.3	3822.4	3679.9	3385.6	3017.8	2992.4	2721.8	2357.3	1493.0	188.6
50°	4273.6	4274.4	4162.8	4094.3	3783.5	3318.0	3282.0	2899.0	2556.5	1736.6	241.9
52.5°	4585.6	4593.7	4592.0	4541.2	4300.2	3808.9	3760.7	3167.9	2787.7	2020.7	315.4
55°	4716.3	4730.7	4824.1	4936.6	4871.1	4431.3	4379.7	3631.7	3094.3	2337.4	424.5
57.5°	4609.3	4625.4	4754.3	4951.4	5101.9	4976.3	4970.4	4235.5	3498.1	2721.4	603.0
59°	4482.0	4479.9	4612.3	4821.2	5024.1	5105.7	5114.2	4644.0	3849.9	2990.7	756.9
60°	4397.5	4399.2	4487.1	4701.5	4917.1	5058.8	5091.8	4884.6	4055.4	3184.4	888.8
62.5°	4071.0	4090.5	4160.3	4359.4	4564.1	4722.2	4778.5	5099.0	4643.6	3641.9	1347.6
65°	3716.3	3717.6	3816.9	3987.3	4183.5	4294.7	4330.2	4765.3	5036.4	4107.8	1949.3
67.5°	3083.3	3109.1	3222.0	3498.1	3757.3	3898.1	3925.2	4148.0	4873.6	4411.4	2250.7
70°	2157.7	2191.6	2352.7	2710.8	3096.8	3328.1	3326.4	3448.2	4289.2	4276.1	1908.3
72.5°	1077.4	1135.7	1267.2	1650.7	2118.4	2481.6	2558.1	2773.8	3445.7	3551.8	1423.7
75°	476.1	479.5	554.3	747.6	1052.9	1514.2	1582.7	2201.7	2643.6	2468.5	1028.3
77.5°	277.0	279.5	293.0	335.7	426.6	742.1	819.0	1444.0	1868.1	1434.7	670.6
80°	100.6	103.2	102.7	127.3	186.9	292.2	325.6	699.8	1246.1	755.6	351.4
82.5°	61.7	61.7	59.6	60.0	68.1	112.1	122.6	298.1	606.8	372.1	100.6
85°	30.4	32.1	34.2	38.5	45.7	55.4	58.8	85.4	204.2	90.1	24.1
87.5°	18.2	18.6	20.3	24.5	30.4	39.7	42.3	57.9	73.2	60.5	5.9
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°	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
2.5°	40.2	39.7	37.6	35.9	34.2	32.6	31.3	30.0	30.0	30.4	30.0
5°	40.2	38.5	35.1	32.1	29.6	27.5	25.4	23.7	23.3	23.3	23.7
7.5°	39.7	37.6	33.0	29.2	25.8	22.8	20.7	18.6	18.2	18.6	18.2
10°	39.3	36.8	31.3	26.6	22.0	19.0	16.1	14.0	14.0	14.0	14.4
12.5°	39.3	35.5	29.6	24.1	19.0	15.6	12.7	10.6	10.1	10.1	10.1
15°	38.9	34.7	27.9	21.1	16.1	11.8	9.3	7.2	7.2	7.2	7.2
17.5°	38.1	33.4	25.8	18.6	12.7	8.9	6.3	4.2	4.2	5.1	5.1
20°	37.2	32.1	23.3	15.2	10.6	6.8	4.2	2.5	2.5	3.8	4.2
22.5°	37.6	32.1	21.6	13.5	8.5	5.1	3.4	2.1	1.7	3.0	3.8
25°	38.1	31.3	19.5	11.8	6.3	3.8	2.5	0.8	0.4	0.8	1.3
27.5°	38.1	30.4	16.9	9.3	4.7	3.0	1.3	0.0	0.0	0.0	0.0
30°	37.6	29.2	14.8	7.6	3.4	1.7	0.4	0.0	0.0	0.0	0.0
32.5°	37.2	27.9	13.5	5.9	3.0	0.8	0.0	0.0	0.0	0.0	0.0
35°	37.6	26.2	11.8	4.7	1.7	0.0	0.0	0.0	0.0	0.0	0.8
37.5°	38.9	24.5	10.1	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	40.6	23.3	8.5	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	44.0	23.3	7.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	48.2	23.3	6.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	53.7	23.7	5.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	60.5	24.5	5.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	65.5	23.7	4.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	74.4	22.8	4.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	86.3	21.6	4.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	98.1	19.9	4.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	111.6	19.0	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	184.4	16.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	356.0	16.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	575.5	16.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	605.1	16.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	402.5	13.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	215.6	11.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	116.3	11.0	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	51.2	8.0	2.1	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	20.3	5.5	2.5	2.1	1.7	0.8	0.0	0.0	0.0	0.0	0.0
85°	9.7	4.2	3.4	3.0	2.1	1.3	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	4.2	3.8	3.4	3.0	2.1	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: SP1-2407-184-3

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



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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	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			

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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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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	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			

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TM-30-18

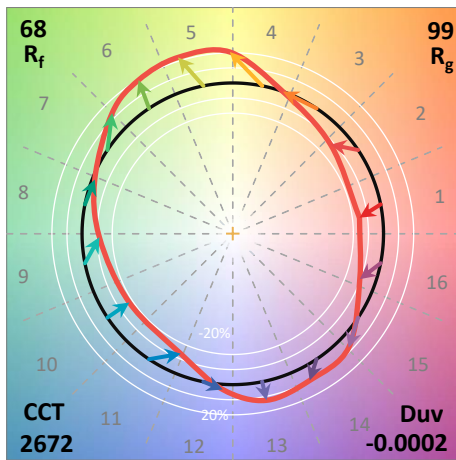
Summary

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

Spectral Power Distribution Comparison

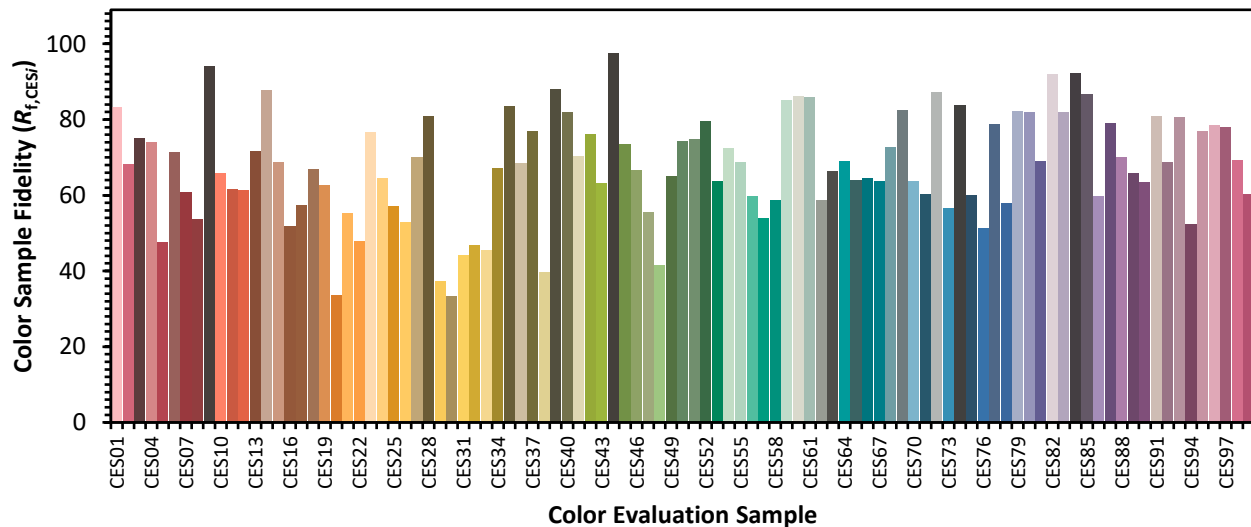


Color Vector Graphics



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)