

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: P1066957

Luminaire Tested: **NAV-SA1A-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066957
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1A-727-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3221.9 lumens
Efficiency: N/A
Efficacy: 110.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.2
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

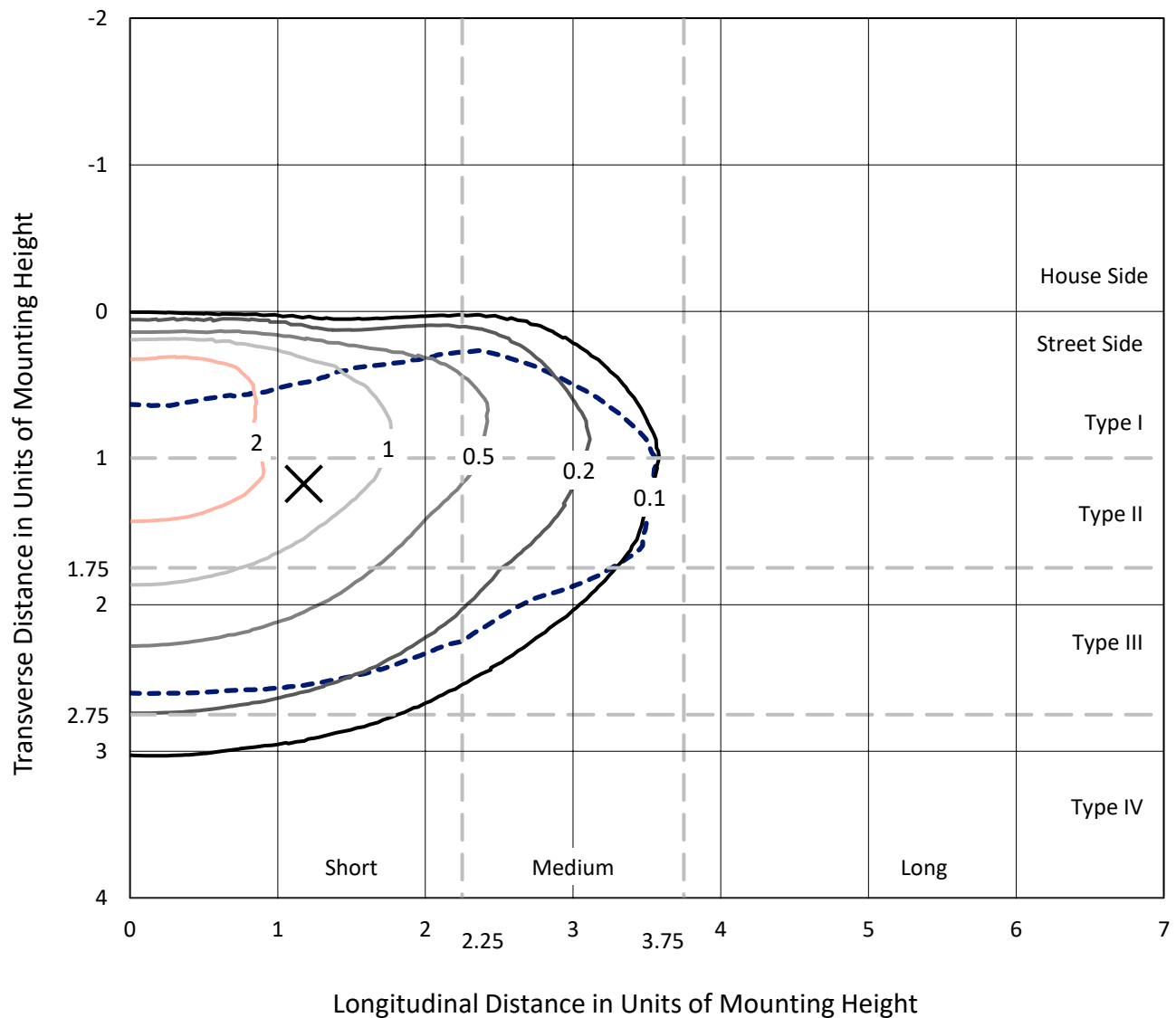


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

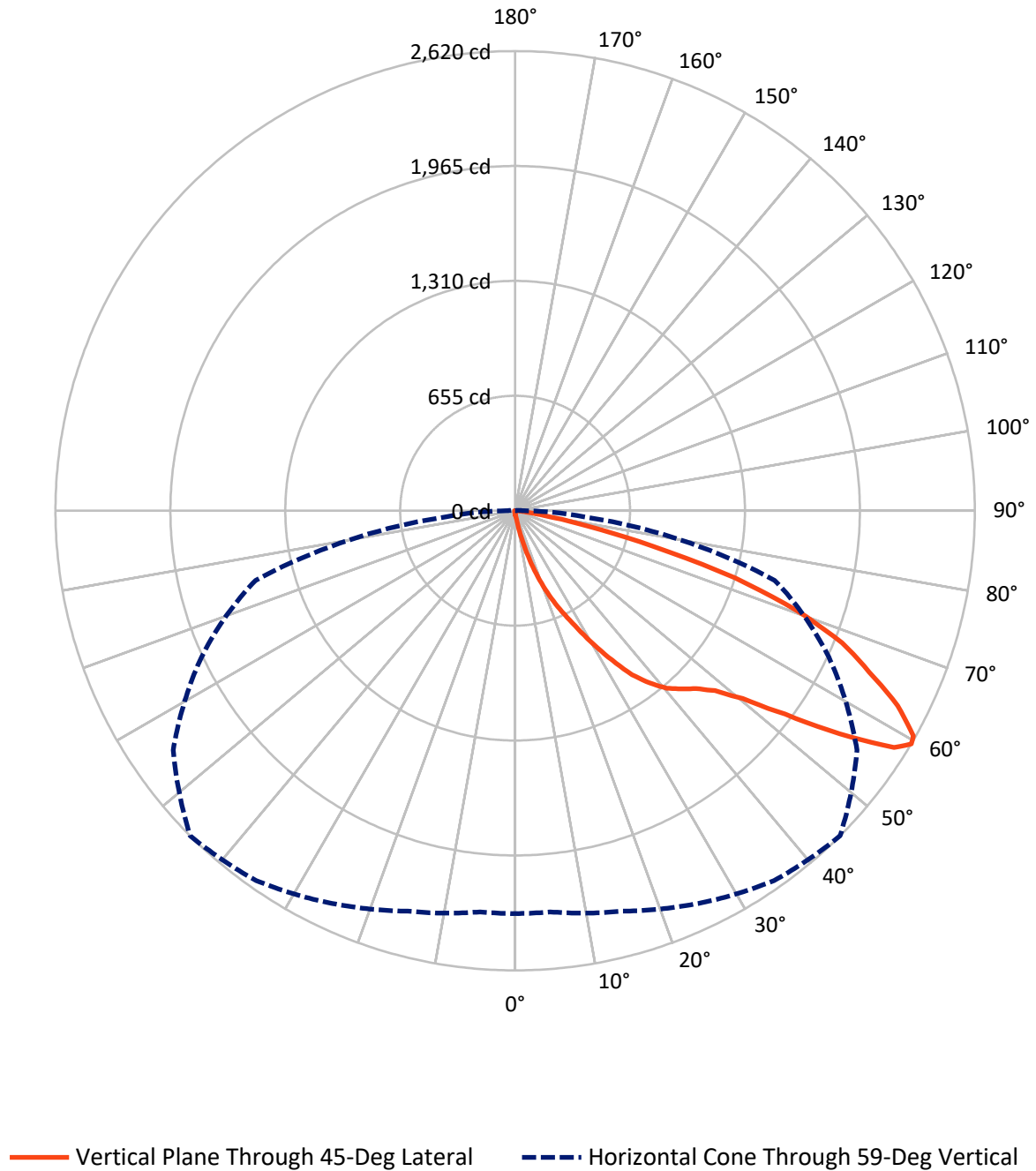


Based on 15 foot mounting height. Maximum calculated value = 3.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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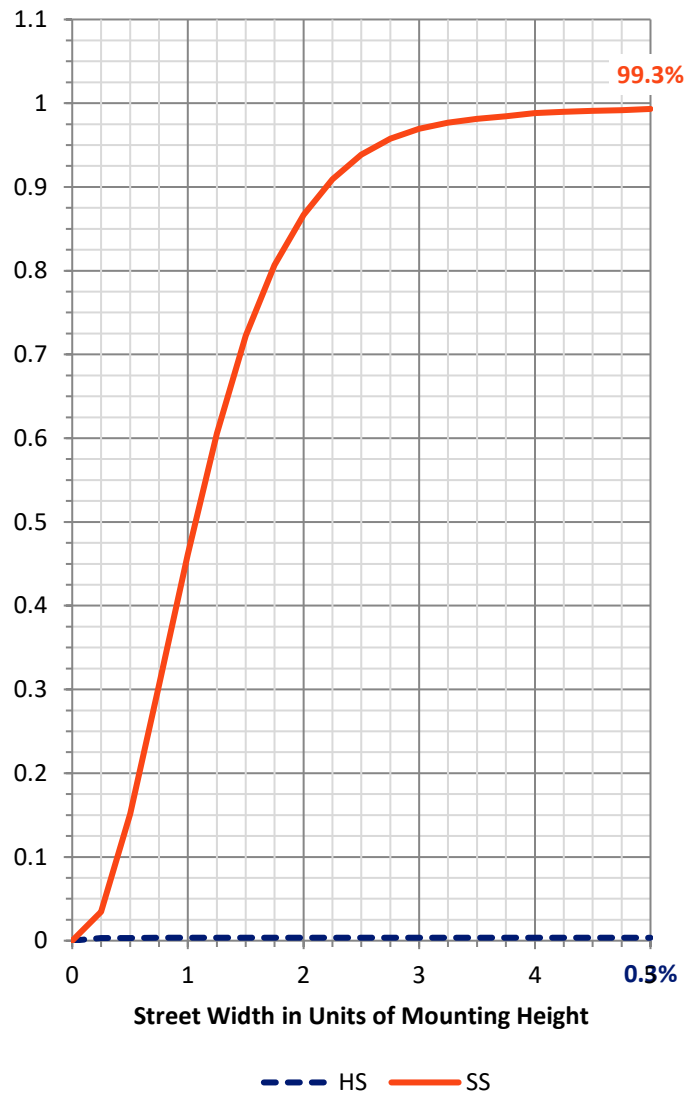
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11.4	0.0	11.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3210.5	0.0	3210.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	3221.9	0.0	3221.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.0	0.1
10°-20°	35.6	1.1
20°-30°	128.0	4.0
30°-40°	297.3	9.2
40°-50°	506.8	15.7
50°-60°	835.1	25.9
60°-70°	965.5	30.0
70°-80°	414.8	12.9
80°-90°	35.8	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°	3221.9	100.0
0°-180°	3221.9	100.0



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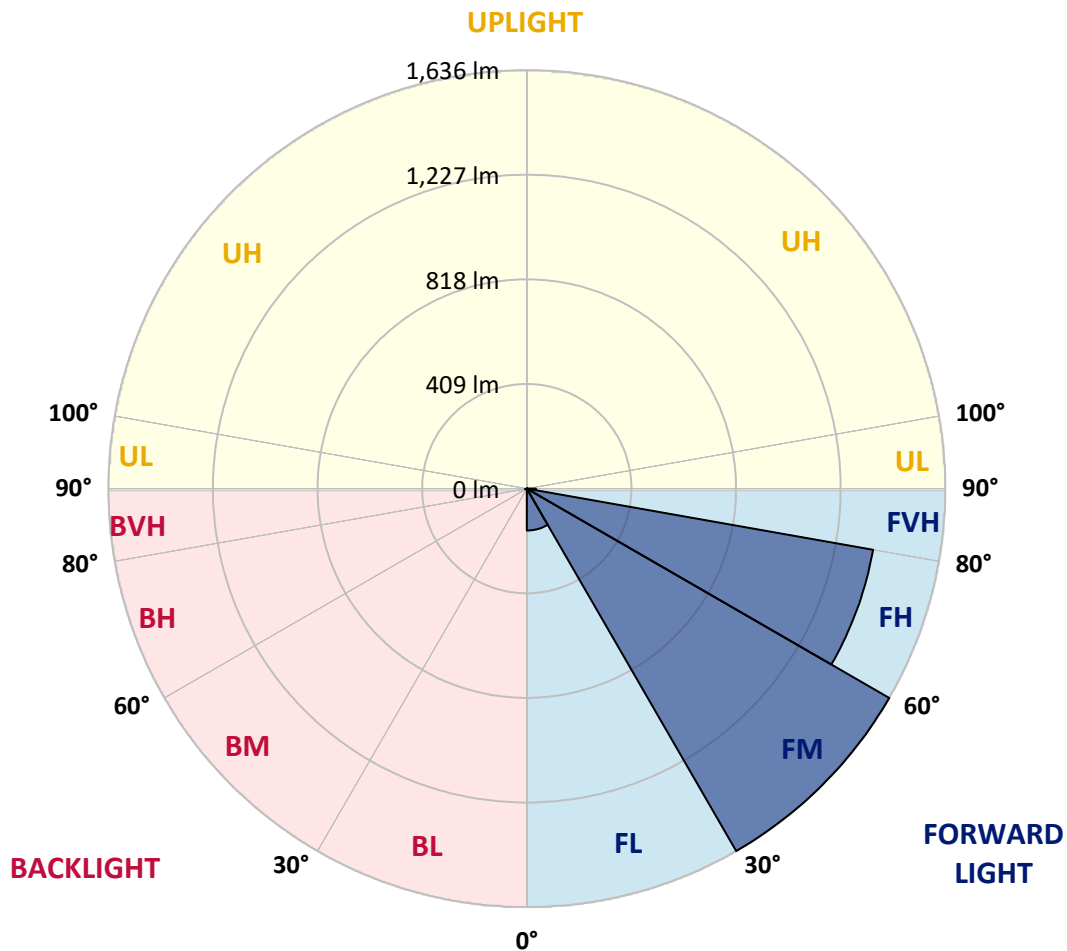
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	163.7	5.1			
FM	(30°-60°)	1636.4	50.8			
FH	(60°-80°)	1375.0	42.7			G1/1800
FVH	(80°-90°)	35.4	1.1			G1/100
BL	(0°-30°)	2.8	0.1	B0/110		
BM	(30°-60°)	2.8	0.1	B0/220		
BH	(60°-80°)	5.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
2.5°	26.4	26.4	25.8	24.9	24.7	24.0	24.0	23.4	22.5	21.9	21.0
5°	38.3	38.1	36.4	34.2	31.4	29.7	29.7	27.3	25.1	23.2	21.4
7.5°	83.8	81.9	75.6	65.2	51.6	42.5	41.8	34.0	28.8	24.9	21.7
10°	192.4	185.7	176.8	151.9	112.2	78.4	76.9	49.6	34.4	26.9	22.1
12.5°	315.2	320.6	302.9	263.7	217.3	161.6	150.8	83.6	45.5	29.5	22.5
15°	427.0	425.7	415.7	383.7	330.2	256.1	249.4	145.4	65.2	33.6	23.0
17.5°	510.6	509.1	499.6	479.0	437.8	363.7	357.9	231.8	102.3	39.4	23.4
20°	598.8	596.9	583.4	567.0	531.0	468.0	461.0	328.4	160.1	49.0	23.4
22.5°	704.5	700.8	686.5	658.6	620.7	565.9	559.6	427.2	231.8	64.6	24.5
25°	832.3	826.1	806.4	781.2	735.5	662.7	656.0	537.3	318.3	88.2	25.6
27.5°	978.2	979.2	952.6	910.1	848.8	774.5	761.9	635.9	407.7	122.0	26.9
30°	1151.3	1140.4	1102.9	1053.5	994.0	899.3	887.2	734.0	508.2	171.8	29.0
32.5°	1313.3	1301.6	1251.1	1188.9	1125.0	1025.2	1015.2	844.3	599.7	230.7	32.9
35°	1452.4	1444.2	1373.5	1297.7	1240.9	1151.7	1148.7	967.3	707.1	294.2	37.3
37.5°	1574.8	1559.8	1469.1	1390.4	1332.8	1252.9	1246.4	1080.0	810.7	367.9	43.8
40°	1679.2	1671.0	1560.3	1456.9	1410.1	1338.6	1330.4	1178.8	917.7	453.4	51.8
42.5°	1791.0	1780.2	1672.7	1556.8	1470.6	1394.1	1388.7	1260.2	1013.0	547.5	63.7
45°	1917.3	1897.2	1802.9	1698.9	1567.9	1451.5	1445.5	1332.8	1110.7	648.4	78.2
47.5°	2052.3	2034.7	1958.5	1885.5	1734.7	1546.2	1533.2	1394.5	1207.8	765.0	96.6
50°	2189.6	2190.1	2132.9	2097.8	1938.5	1700.0	1681.6	1485.3	1309.8	889.8	123.9
52.5°	2349.5	2353.6	2352.8	2326.8	2203.3	1951.5	1926.8	1623.1	1428.3	1035.3	161.6
55°	2416.5	2423.8	2471.7	2529.3	2495.8	2270.4	2244.0	1860.8	1585.4	1197.6	217.5
57.5°	2361.6	2369.9	2436.0	2536.9	2614.0	2549.7	2546.7	2170.1	1792.3	1394.3	308.9
59°	2296.4	2295.4	2363.2	2470.2	2574.2	2616.0	2620.3	2379.4	1972.6	1532.3	387.8
60°	2253.1	2254.0	2299.0	2408.9	2519.4	2591.9	2608.8	2502.7	2077.8	1631.6	455.4
62.5°	2085.9	2095.8	2131.6	2233.6	2338.5	2419.5	2448.3	2612.5	2379.2	1866.0	690.4
65°	1904.1	1904.7	1955.7	2043.0	2143.5	2200.5	2218.7	2441.6	2580.5	2104.7	998.7
67.5°	1579.8	1593.0	1650.8	1792.3	1925.1	1997.2	2011.1	2125.3	2497.0	2260.3	1153.2
70°	1105.5	1122.9	1205.4	1388.9	1586.7	1705.2	1704.3	1766.7	2197.6	2190.9	977.7
72.5°	552.0	581.9	649.3	845.8	1085.4	1271.5	1310.7	1421.2	1765.4	1819.8	729.4
75°	243.9	245.7	284.0	383.0	539.4	775.8	810.9	1128.1	1354.5	1264.8	526.9
77.5°	141.9	143.2	150.1	172.0	218.6	380.2	419.6	739.8	957.1	735.1	343.6
80°	51.6	52.9	52.6	65.2	95.8	149.7	166.8	358.5	638.5	387.1	180.0
82.5°	31.6	31.6	30.5	30.8	34.9	57.4	62.8	152.7	310.9	190.6	51.6
85°	15.6	16.5	17.5	19.7	23.4	28.4	30.1	43.8	104.6	46.1	12.3
87.5°	9.3	9.5	10.4	12.6	15.6	20.4	21.7	29.7	37.5	31.0	3.0
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°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
2.5°	20.6	20.4	19.3	18.4	17.5	16.7	16.0	15.4	15.4	15.6	15.4
5°	20.6	19.7	18.0	16.5	15.2	14.1	13.0	12.1	11.9	11.9	12.1
7.5°	20.4	19.3	16.9	14.9	13.2	11.7	10.6	9.5	9.3	9.5	9.3
10°	20.1	18.8	16.0	13.6	11.3	9.7	8.2	7.1	7.1	7.1	7.4
12.5°	20.1	18.2	15.2	12.3	9.7	8.0	6.5	5.4	5.2	5.2	5.2
15°	19.9	17.8	14.3	10.8	8.2	6.1	4.8	3.7	3.7	3.7	3.7
17.5°	19.5	17.1	13.2	9.5	6.5	4.5	3.2	2.2	2.2	2.6	2.6
20°	19.1	16.5	11.9	7.8	5.4	3.5	2.2	1.3	1.3	1.9	2.2
22.5°	19.3	16.5	11.0	6.9	4.3	2.6	1.7	1.1	0.9	1.5	1.9
25°	19.5	16.0	10.0	6.1	3.2	1.9	1.3	0.4	0.2	0.4	0.6
27.5°	19.5	15.6	8.7	4.8	2.4	1.5	0.6	0.0	0.0	0.0	0.0
30°	19.3	14.9	7.6	3.9	1.7	0.9	0.2	0.0	0.0	0.0	0.0
32.5°	19.1	14.3	6.9	3.0	1.5	0.4	0.0	0.0	0.0	0.0	0.0
35°	19.3	13.4	6.1	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.4
37.5°	19.9	12.6	5.2	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	20.8	11.9	4.3	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	22.5	11.9	3.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	24.7	11.9	3.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	27.5	12.1	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	31.0	12.6	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	33.6	12.1	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	38.1	11.7	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	44.2	11.0	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	50.3	10.2	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	57.2	9.7	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	94.5	8.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	182.4	8.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	294.9	8.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	310.0	8.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	206.2	6.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	110.5	6.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	59.6	5.6	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	26.2	4.1	1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	10.4	2.8	1.3	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0
85°	5.0	2.2	1.7	1.5	1.1	0.6	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.2	1.9	1.7	1.5	1.1	0.2	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: SP1-2407-184-3

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

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.02

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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			

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TM-30-18

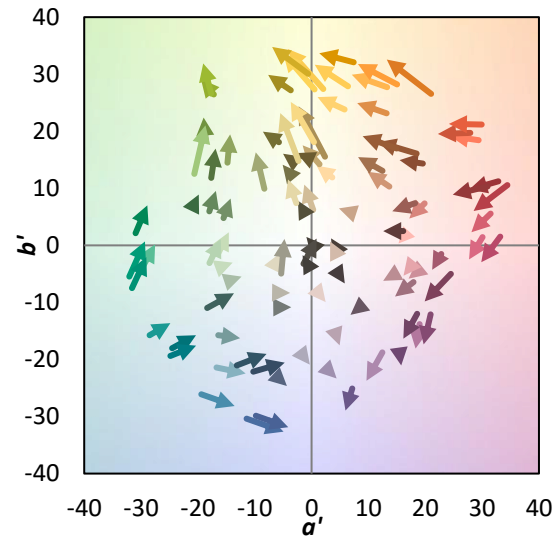
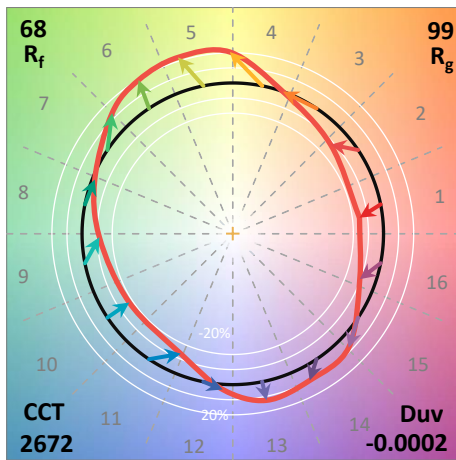
Summary

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

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)