

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: P1067207

Luminaire Tested: **NAV-SA3C-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067207
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3C-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13647.4 lumens
Efficiency: N/A
Efficacy: 97.2 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): 140.4
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

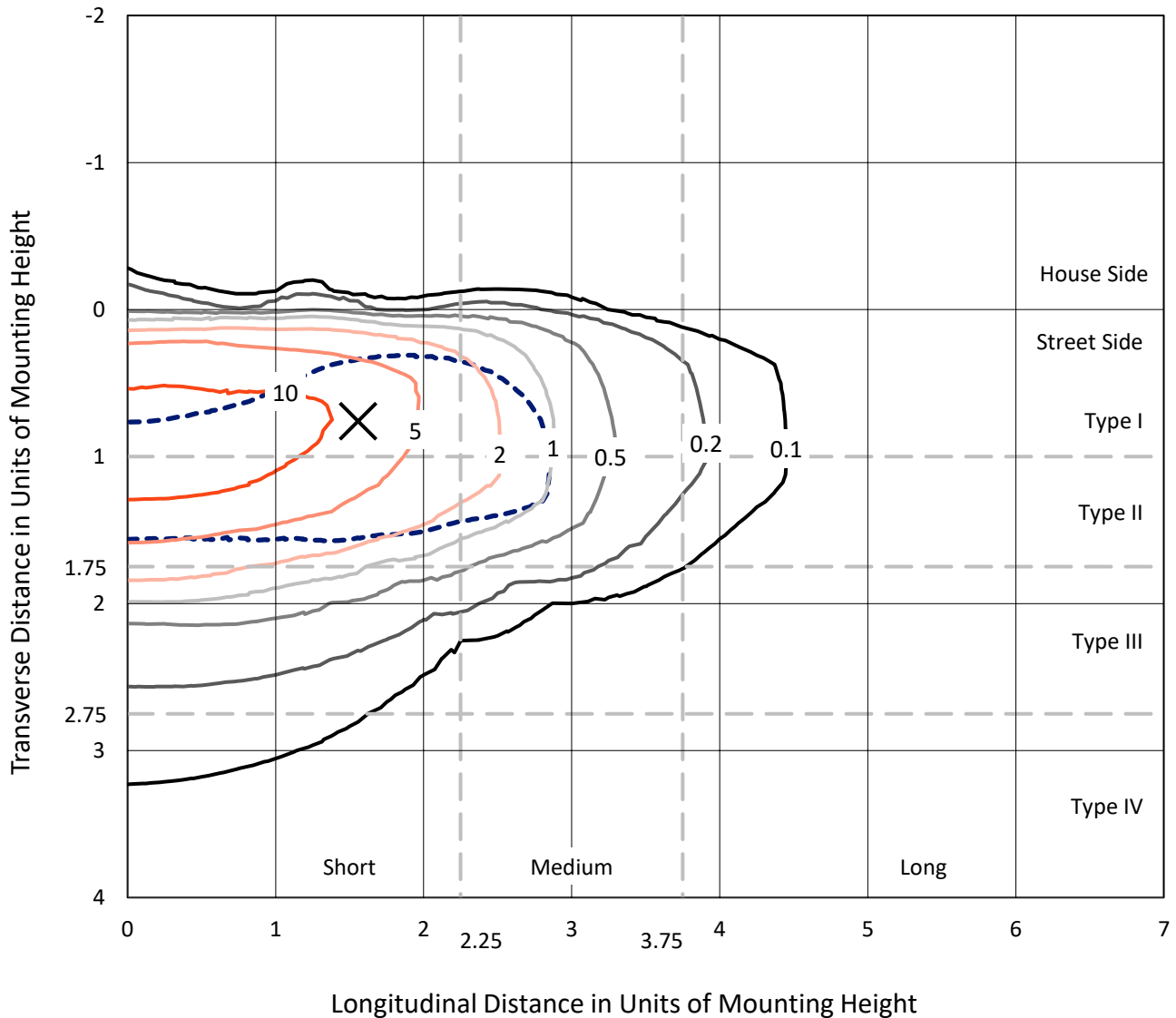


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

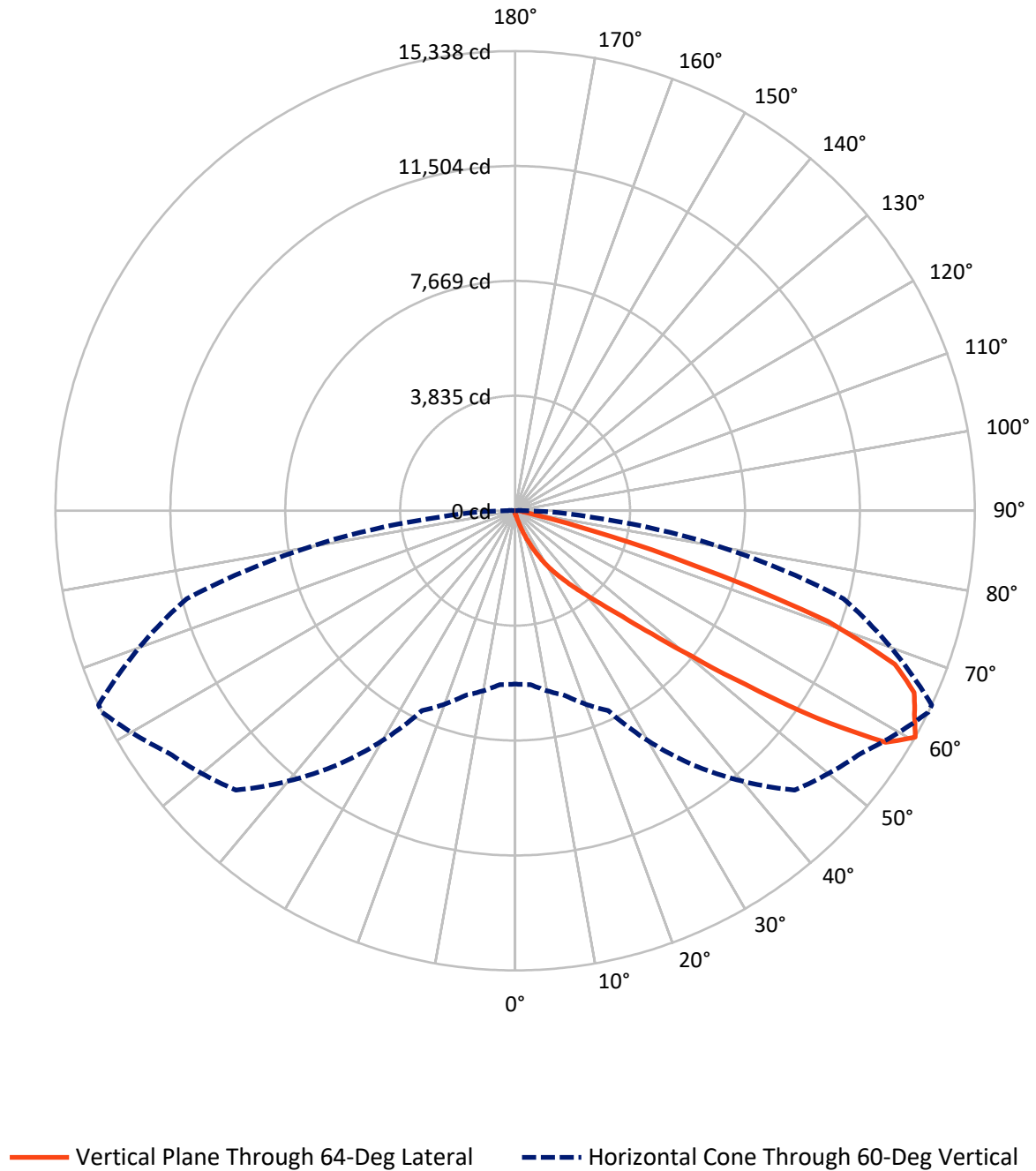


Based on 15 foot mounting height. Maximum calculated value = 19.6 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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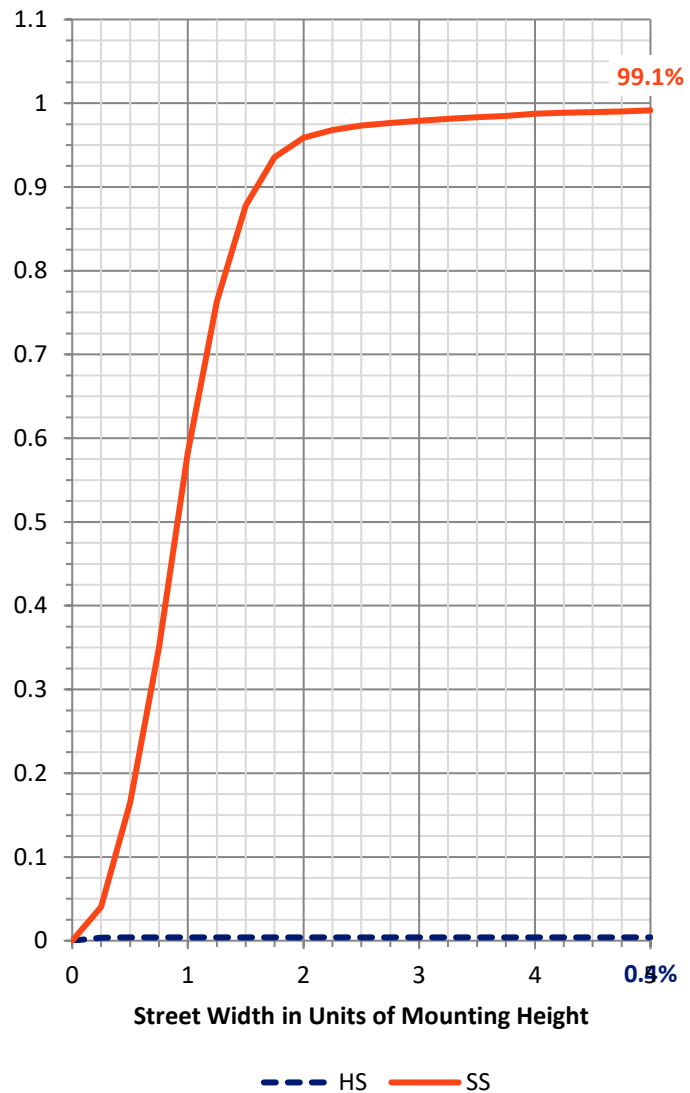
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	55.3	0.0	55.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13592.1	0.0	13592.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	13647.4	0.0	13647.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.6	0.1
10°-20°	134.1	1.0
20°-30°	445.4	3.3
30°-40°	1188.5	8.7
40°-50°	3020.9	22.1
50°-60°	4403.8	32.3
60°-70°	3401.5	24.9
70°-80°	934.1	6.8
80°-90°	105.5	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°	13647.4	100.0
0°-180°	13647.4	100.0



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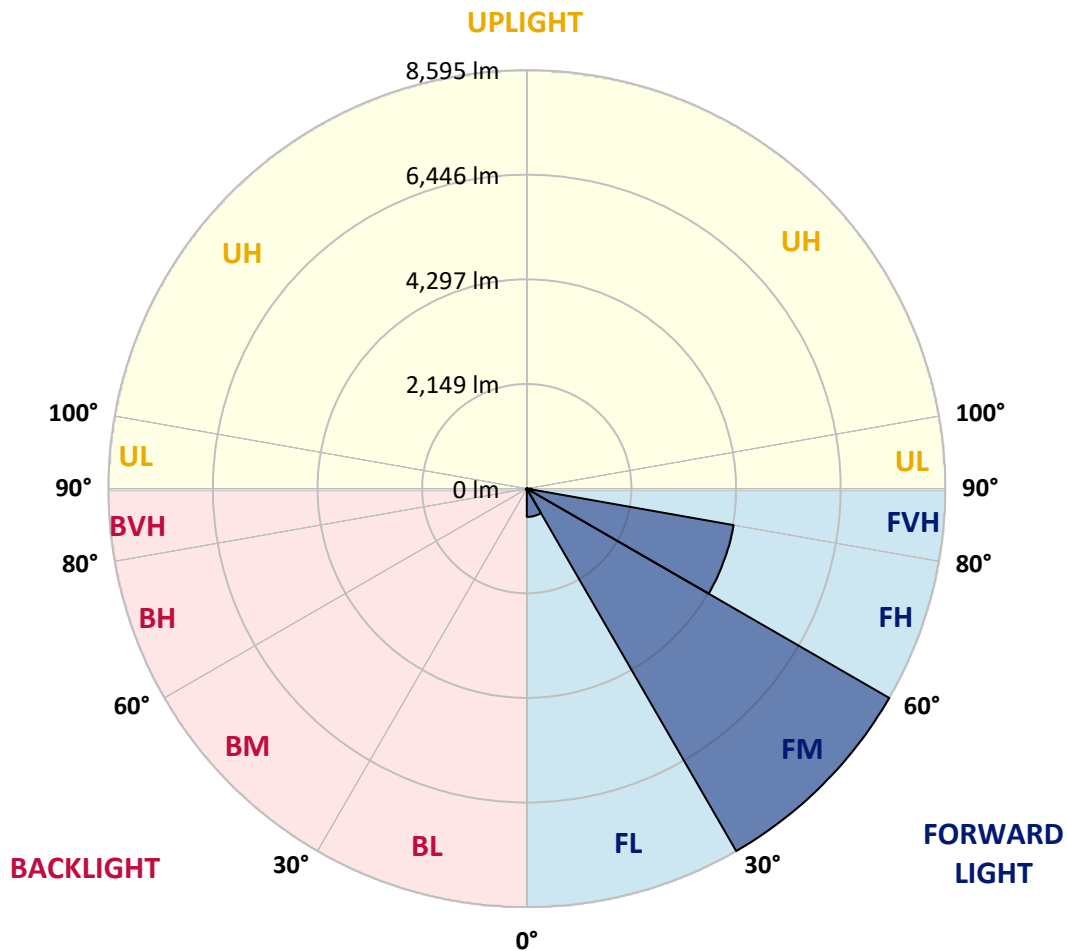
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	580.7	4.3			
FM	(30°-60°)	8594.9	63.0			
FH	(60°-80°)	4313.6	31.6			G2/5000
FVH	(80°-90°)	103.0	0.8			G2/225
BL	(0°-30°)	12.4	0.1	B0/110		
BM	(30°-60°)	18.3	0.1	B0/220		
BH	(60°-80°)	22.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.5	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-G2

Type II Short



REPORT NUMBER: P1067207

CATALOG NUMBER: NAV-SA3C-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
2.5°	120.2	120.2	120.2	116.5	112.7	112.7	108.9	105.2	105.2	97.7	93.9
5°	184.1	184.1	176.6	169.0	157.8	142.8	127.7	116.5	116.5	105.2	97.7
7.5°	360.6	371.9	338.1	296.8	240.4	202.9	161.5	135.2	131.5	112.7	97.7
10°	781.4	773.9	721.3	619.8	488.4	353.1	225.4	165.3	157.8	120.2	97.7
12.5°	1175.8	1187.1	1130.7	1018.0	860.3	627.4	386.9	214.1	206.6	131.5	97.7
15°	1513.9	1513.9	1476.4	1420.0	1247.2	1003.0	623.6	319.3	293.0	142.8	93.9
17.5°	1746.8	1743.1	1728.1	1713.0	1611.6	1359.9	954.2	510.9	450.8	169.0	93.9
20°	2009.8	1998.5	2017.3	1987.3	1908.4	1709.3	1303.6	758.8	702.5	214.1	93.9
22.5°	2284.0	2295.3	2310.3	2280.3	2193.9	2021.1	1671.7	1078.2	1018.0	296.8	97.7
25°	2633.4	2625.9	2659.7	2633.4	2524.5	2321.6	2017.3	1427.5	1341.1	413.2	105.2
27.5°	3061.7	3046.6	3069.2	3001.6	2858.8	2652.2	2325.4	1784.4	1683.0	593.5	120.2
30°	3628.9	3640.2	3538.8	3459.9	3257.0	2982.8	2667.2	2167.6	2062.4	807.7	135.2
32.5°	4523.0	4444.1	4286.3	3967.0	3700.3	3350.9	3009.1	2501.9	2408.0	1081.9	157.8
35°	5916.7	5931.7	5586.1	4797.2	4218.7	3813.0	3384.7	2870.1	2802.5	1393.7	187.8
37.5°	7614.7	7573.4	7269.1	6273.6	4977.6	4387.8	3813.0	3272.0	3174.4	1731.8	225.4
40°	9538.1	9365.3	9188.7	8512.6	6559.1	5109.0	4353.9	3737.9	3662.7	2122.5	285.5
42.5°	11078.3	11033.3	11063.3	10781.6	9196.3	6337.5	5071.5	4308.9	4218.7	2607.1	390.7
45°	11837.2	11773.3	11953.6	12164.0	11758.3	8952.1	6228.5	5037.7	4917.4	3178.1	552.2
47.5°	11634.3	11589.2	11976.2	12389.4	12930.4	11983.7	8118.1	6127.1	5920.5	3910.7	792.7
50°	10635.1	10638.8	11273.7	12043.8	12900.3	13520.2	10916.8	7618.5	7359.3	4883.6	1168.3
52.5°	9662.1	9692.1	10364.6	11487.8	12453.3	13700.5	13373.6	9628.3	9207.5	6029.4	1611.6
55°	8662.8	8677.8	9271.4	10852.9	12242.9	13163.3	14635.9	12216.6	11769.6	7456.9	2043.6
57.5°	7701.1	7701.1	7922.8	9327.7	12013.7	13114.4	14485.6	14583.3	14218.9	9087.3	2362.9
60°	5785.2	5822.8	6375.0	7359.3	10360.8	13185.8	14102.4	15338.4	15338.4	11348.8	2607.1
62.5°	2922.7	2979.0	3666.5	4624.4	7107.6	12201.6	14162.5	14958.9	15019.1	13343.6	3163.1
65°	1371.2	1435.0	1803.2	2479.4	3824.3	8587.7	13538.9	14635.9	14617.1	12964.2	4335.2
67.5°	984.2	1003.0	1127.0	1446.3	2058.6	3764.2	10334.5	13670.4	13677.9	11014.5	4985.1
70°	882.8	882.8	912.9	1006.8	1239.7	1683.0	5022.6	11070.8	11608.0	8505.0	4620.7
72.5°	871.5	864.0	856.5	860.3	837.7	845.2	1724.3	6251.1	7017.4	5950.5	3685.3
75°	849.0	849.0	841.5	815.2	668.7	544.7	593.5	2528.2	2922.7	3974.5	2734.8
77.5°	672.4	740.1	818.9	770.1	612.3	409.5	345.6	732.5	924.1	2438.1	1983.5
80°	311.8	315.6	311.8	326.8	390.7	293.0	255.5	356.9	360.6	1352.4	1228.4
82.5°	225.4	229.2	217.9	195.3	172.8	157.8	210.4	263.0	281.7	619.8	458.3
85°	67.6	63.9	75.1	101.4	120.2	139.0	176.6	221.6	232.9	229.2	67.6
87.5°	30.1	30.1	37.6	52.6	71.4	105.2	154.0	202.9	206.6	236.7	18.8
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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CATALOG NUMBER: NAV-SA3C-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
2.5°	93.9	90.2	86.4	82.6	78.9	75.1	71.4	71.4	75.1	75.1	75.1
5°	90.2	86.4	78.9	71.4	67.6	63.9	60.1	60.1	63.9	63.9	63.9
7.5°	90.2	82.6	75.1	67.6	60.1	56.3	52.6	52.6	52.6	56.3	56.3
10°	90.2	82.6	71.4	60.1	52.6	48.8	45.1	41.3	45.1	45.1	45.1
12.5°	86.4	78.9	67.6	56.3	45.1	37.6	33.8	33.8	33.8	33.8	33.8
15°	82.6	75.1	63.9	48.8	37.6	30.1	22.5	22.5	22.5	26.3	26.3
17.5°	78.9	71.4	56.3	37.6	26.3	18.8	15.0	15.0	15.0	18.8	18.8
20°	78.9	67.6	48.8	30.1	18.8	11.3	7.5	7.5	7.5	11.3	15.0
22.5°	78.9	67.6	45.1	22.5	11.3	7.5	3.8	3.8	3.8	3.8	3.8
25°	78.9	63.9	41.3	18.8	7.5	3.8	0.0	0.0	3.8	7.5	11.3
27.5°	78.9	60.1	33.8	11.3	7.5	3.8	0.0	3.8	7.5	7.5	7.5
30°	78.9	60.1	30.1	11.3	3.8	0.0	0.0	3.8	7.5	7.5	11.3
32.5°	82.6	56.3	26.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	86.4	52.6	22.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	93.9	52.6	15.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	105.2	56.3	15.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	131.5	60.1	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	184.1	75.1	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	270.5	112.7	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	394.4	154.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	484.6	154.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	480.9	97.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	368.2	67.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	311.8	48.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	375.7	37.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	668.7	33.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1074.4	33.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1202.1	33.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	939.2	30.1	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	514.7	26.3	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	259.2	18.8	7.5	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	108.9	15.0	7.5	3.8	3.8	3.8	0.0	0.0	0.0	0.0	0.0
82.5°	37.6	15.0	7.5	7.5	3.8	3.8	0.0	0.0	0.0	0.0	0.0
85°	18.8	11.3	11.3	7.5	7.5	3.8	3.8	0.0	0.0	0.0	0.0
87.5°	11.3	11.3	11.3	7.5	7.5	3.8	3.8	0.0	0.0	0.0	3.8
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

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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

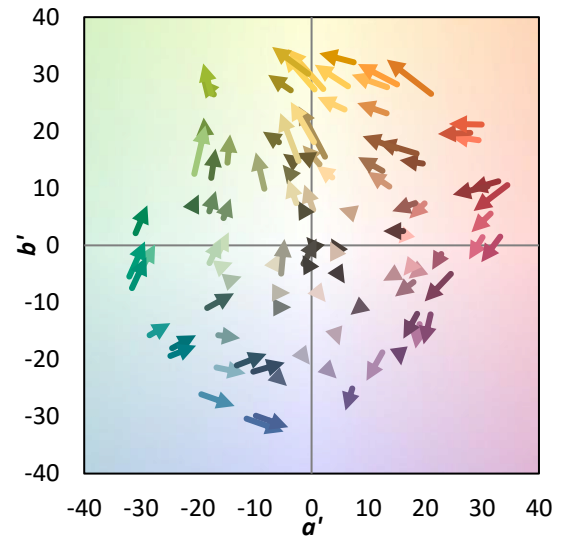
Summary

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

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)