

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: P1066966

Luminaire Tested: **NAV-SA3B-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066966
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3B-727-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11704 lumens
Efficiency: N/A
Efficacy: 110.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 106.2
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

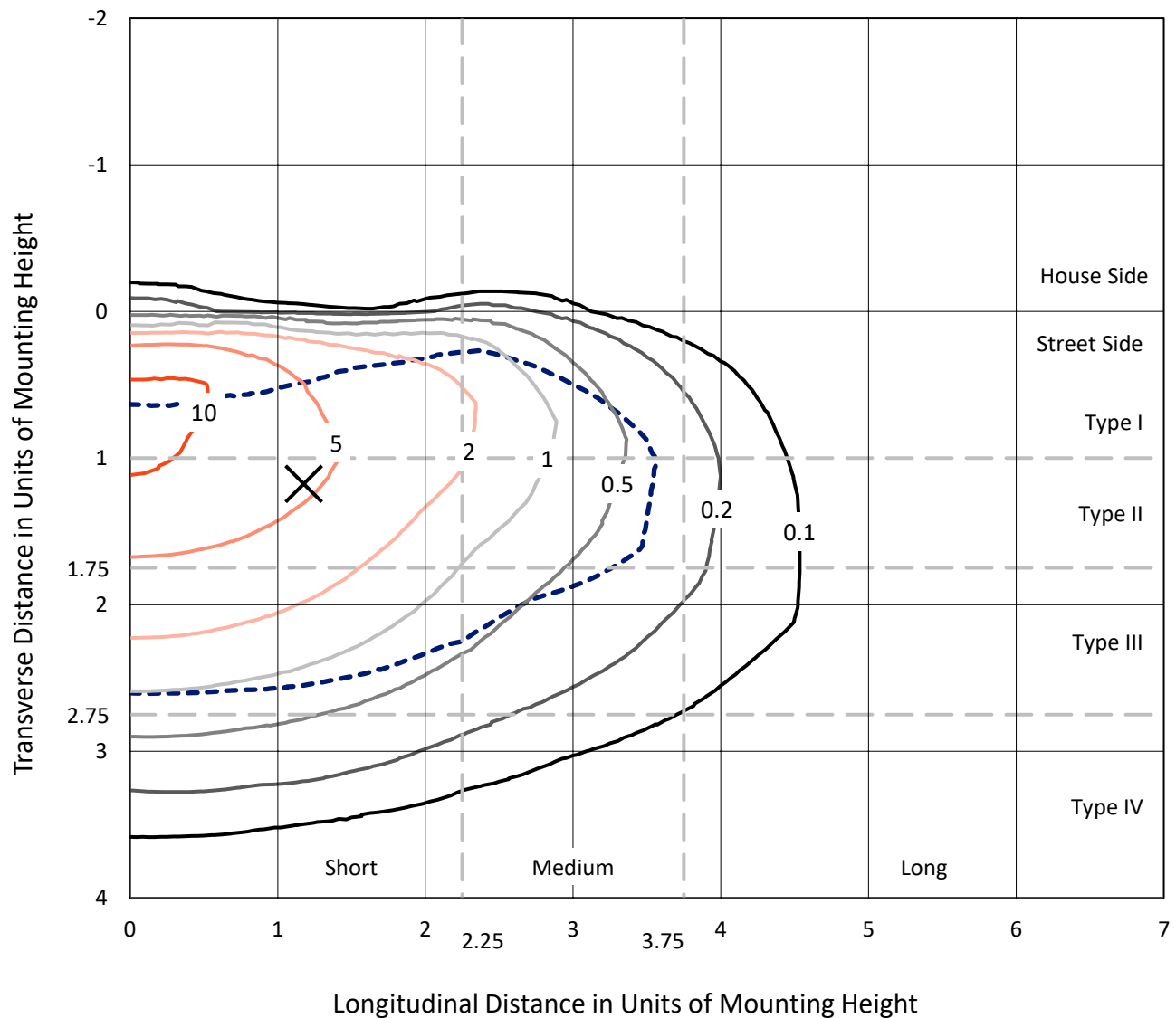


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

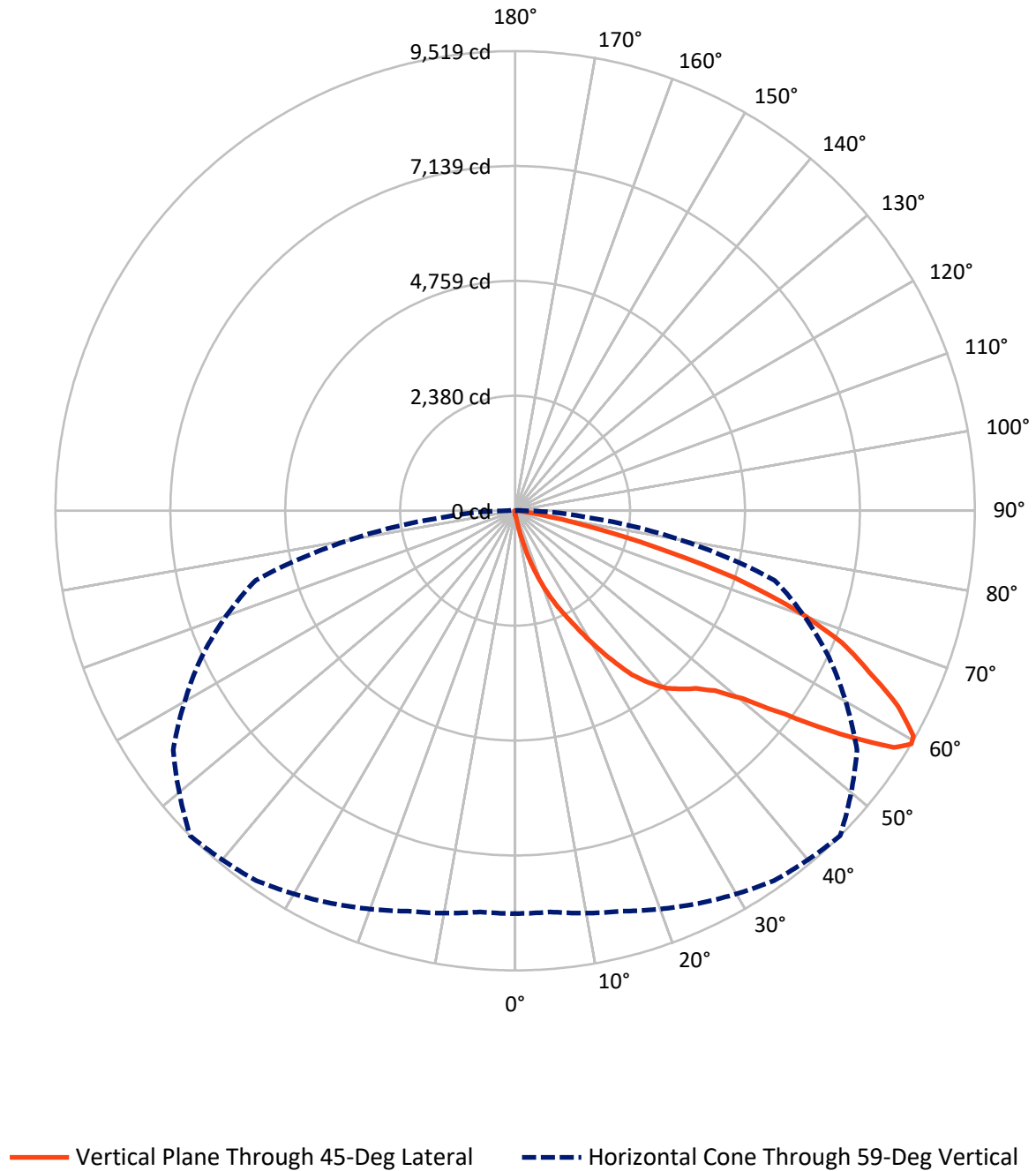


Based on 15 foot mounting height. Maximum calculated value = 12.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	41.6	0.0	41.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11662.5	0.0	11662.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	11704.0	0.0	11704.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.9	0.1
10°-20°	129.4	1.1
20°-30°	464.8	4.0
30°-40°	1080.1	9.2
40°-50°	1841.0	15.7
50°-60°	3033.4	25.9
60°-70°	3507.3	30.0
70°-80°	1506.9	12.9
80°-90°	130.2	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°	11704.0	100.0
0°-180°	11704.0	100.0



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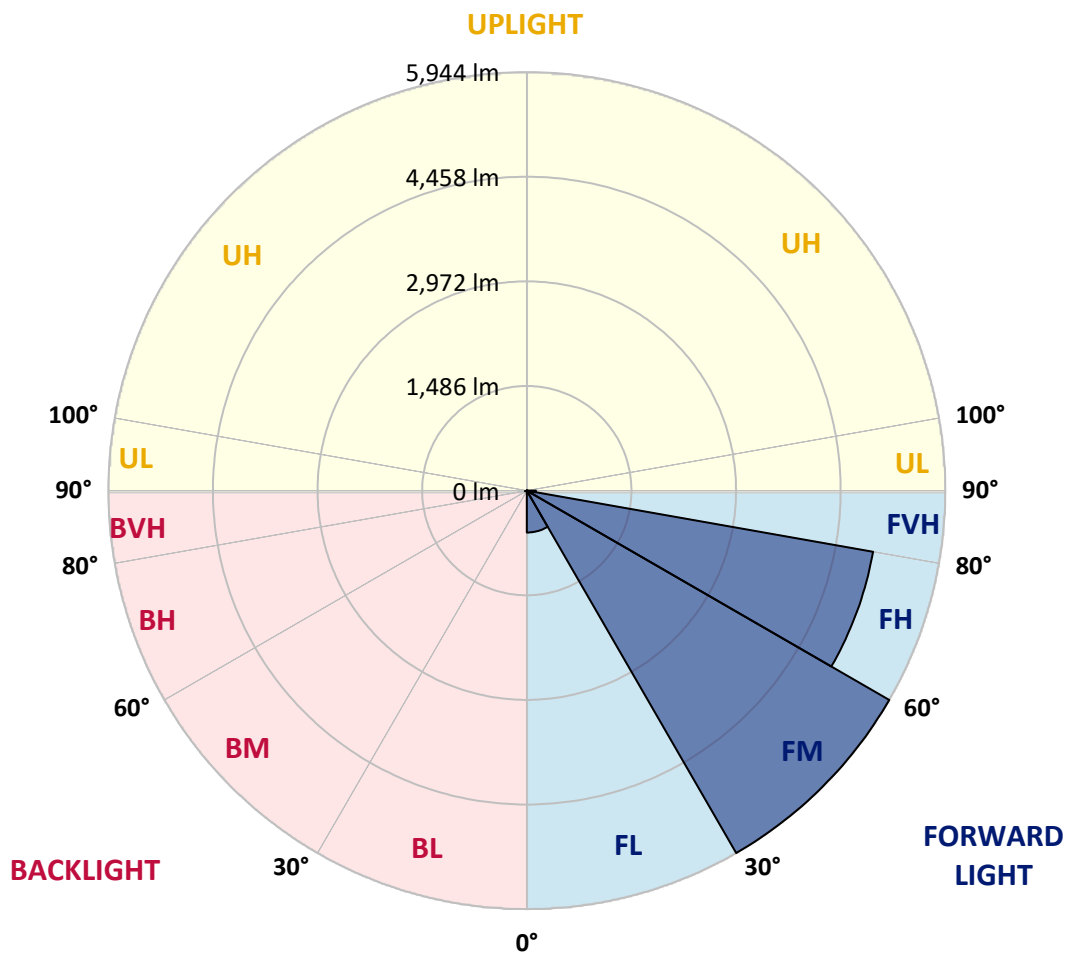
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	594.8	5.1			
FM	(30°-60°)	5944.5	50.8			
FH	(60°-80°)	4994.7	42.7			G2/5000
FVH	(80°-90°)	128.5	1.1			G2/225
BL	(0°-30°)	10.3	0.1	B0/110		
BM	(30°-60°)	10.1	0.1	B0/220		
BH	(60°-80°)	19.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
2.5°	96.0	96.0	93.7	90.5	89.7	87.4	87.4	85.0	81.8	79.5	76.3
5°	139.3	138.5	132.2	124.3	114.1	107.8	107.8	99.2	91.3	84.2	77.9
7.5°	304.6	297.5	274.7	236.9	187.3	154.2	151.9	123.6	104.7	90.5	78.7
10°	698.8	674.4	642.2	551.7	407.7	284.9	279.4	180.2	125.1	97.6	80.3
12.5°	1145.1	1164.7	1100.2	957.8	789.3	587.1	547.7	303.8	165.3	107.0	81.8
15°	1551.1	1546.4	1510.2	1393.7	1199.4	930.2	905.8	528.1	236.9	122.0	83.4
17.5°	1854.9	1849.4	1814.8	1740.0	1590.5	1321.3	1300.1	842.1	371.5	143.2	85.0
20°	2175.2	2168.1	2119.3	2059.5	1928.9	1699.9	1674.7	1193.1	581.6	177.9	85.0
22.5°	2559.3	2545.9	2493.9	2392.4	2254.7	2055.6	2032.8	1551.9	842.1	234.5	88.9
25°	3023.6	3000.8	2929.1	2837.9	2671.8	2407.4	2383.0	1951.7	1156.1	320.3	92.9
27.5°	3553.2	3557.2	3460.4	3306.1	3083.4	2813.5	2767.8	2309.8	1481.1	443.1	97.6
30°	4182.0	4142.7	4006.5	3827.1	3610.7	3266.8	3222.7	2666.3	1846.3	624.1	105.5
32.5°	4770.7	4728.2	4544.8	4319.0	4086.8	3724.0	3687.8	3066.9	2178.4	838.1	119.6
35°	5275.9	5246.0	4989.5	4714.0	4507.8	4183.6	4172.6	3513.9	2568.7	1068.7	135.4
37.5°	5720.6	5666.3	5336.5	5050.9	4841.5	4551.1	4527.5	3923.1	2944.9	1336.3	159.0
40°	6099.9	6070.0	5667.8	5292.5	5122.5	4862.8	4832.9	4282.0	3333.7	1647.2	188.1
42.5°	6506.0	6466.6	6076.3	5655.3	5342.0	5064.2	5044.6	4577.9	3679.9	1988.7	231.4
45°	6964.8	6891.6	6549.3	6171.5	5695.4	5272.8	5250.7	4841.5	4034.9	2355.4	284.1
47.5°	7455.1	7391.3	7114.3	6849.1	6301.4	5616.7	5569.5	5065.8	4387.4	2778.8	351.0
50°	7954.0	7955.6	7747.8	7620.3	7041.9	6175.4	6108.6	5395.6	4758.1	3232.1	450.2
52.5°	8534.8	8549.8	8546.6	8452.2	8003.6	7089.1	6999.4	5896.1	5188.6	3761.0	587.1
55°	8778.0	8804.8	8978.7	9188.0	9066.0	8247.6	8151.6	6759.4	5759.1	4350.4	790.1
57.5°	8578.9	8608.8	8848.8	9215.6	9495.7	9262.0	9251.0	7883.2	6510.7	5065.0	1122.2
59°	8342.0	8338.1	8584.4	8973.2	9350.9	9502.8	9518.6	8643.4	7165.5	5566.3	1408.7
60°	8184.6	8187.8	8351.5	8750.5	9151.8	9415.5	9476.8	9091.2	7547.9	5926.8	1654.2
62.5°	7577.1	7613.3	7743.1	8113.8	8494.7	8789.0	8893.7	9490.2	8642.6	6778.3	2508.1
65°	6916.8	6919.1	7104.1	7421.2	7786.4	7993.4	8059.5	8869.3	9373.7	7645.5	3628.0
67.5°	5738.7	5786.7	5996.8	6510.7	6993.1	7255.2	7305.6	7720.3	9070.8	8210.6	4189.1
70°	4016.0	4078.9	4378.8	5045.3	5763.9	6194.3	6191.2	6417.8	7983.1	7958.8	3551.7
72.5°	2005.2	2113.8	2358.6	3072.4	3942.8	4618.8	4761.2	5162.6	6413.1	6610.7	2649.8
75°	886.1	892.4	1031.7	1391.4	1959.6	2818.2	2945.7	4097.8	4920.2	4594.4	1913.9
77.5°	515.5	520.2	545.4	624.9	794.1	1381.2	1524.4	2687.5	3476.9	2670.2	1248.2
80°	187.3	192.0	191.2	236.9	347.8	543.8	606.0	1302.5	2319.2	1406.3	654.0
82.5°	114.9	114.9	111.0	111.8	126.7	208.6	228.2	554.8	1129.3	692.5	187.3
85°	56.7	59.8	63.7	71.6	85.0	103.1	109.4	159.0	380.1	167.6	44.9
87.5°	33.8	34.6	37.8	45.6	56.7	74.0	78.7	107.8	136.1	112.5	11.0
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°	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
2.5°	74.8	74.0	70.0	66.9	63.7	60.6	58.2	55.9	55.9	56.7	55.9
5°	74.8	71.6	65.3	59.8	55.1	51.2	47.2	44.1	43.3	43.3	44.1
7.5°	74.0	70.0	61.4	54.3	48.0	42.5	38.6	34.6	33.8	34.6	33.8
10°	73.2	68.5	58.2	49.6	40.9	35.4	29.9	26.0	26.0	26.0	26.8
12.5°	73.2	66.1	55.1	44.9	35.4	29.1	23.6	19.7	18.9	18.9	18.9
15°	72.4	64.5	51.9	39.3	29.9	22.0	17.3	13.4	13.4	13.4	13.4
17.5°	70.8	62.2	48.0	34.6	23.6	16.5	11.8	7.9	7.9	9.4	9.4
20°	69.3	59.8	43.3	28.3	19.7	12.6	7.9	4.7	4.7	7.1	7.9
22.5°	70.0	59.8	40.1	25.2	15.7	9.4	6.3	3.9	3.1	5.5	7.1
25°	70.8	58.2	36.2	22.0	11.8	7.1	4.7	1.6	0.8	1.6	2.4
27.5°	70.8	56.7	31.5	17.3	8.7	5.5	2.4	0.0	0.0	0.0	0.0
30°	70.0	54.3	27.5	14.2	6.3	3.1	0.8	0.0	0.0	0.0	0.0
32.5°	69.3	51.9	25.2	11.0	5.5	1.6	0.0	0.0	0.0	0.0	0.0
35°	70.0	48.8	22.0	8.7	3.1	0.0	0.0	0.0	0.0	0.0	1.6
37.5°	72.4	45.6	18.9	7.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	75.6	43.3	15.7	5.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	81.8	43.3	14.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	89.7	43.3	11.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	99.9	44.1	10.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	112.5	45.6	9.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	122.0	44.1	8.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	138.5	42.5	7.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	160.5	40.1	7.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	182.6	37.0	7.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	207.8	35.4	7.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	343.1	31.5	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	662.6	29.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1071.1	29.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1126.2	29.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	749.2	24.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	401.4	22.0	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	216.4	20.5	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	95.2	15.0	3.9	2.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	37.8	10.2	4.7	3.9	3.1	1.6	0.0	0.0	0.0	0.0	0.0
85°	18.1	7.9	6.3	5.5	3.9	2.4	0.0	0.0	0.0	0.0	0.0
87.5°	8.7	7.9	7.1	6.3	5.5	3.9	0.8	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 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 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)