

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: P1067457

Luminaire Tested: **NAV-SA6A-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067457
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6A-727-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17836.7 lumens
Efficiency: N/A
Efficacy: 110.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 161.6
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

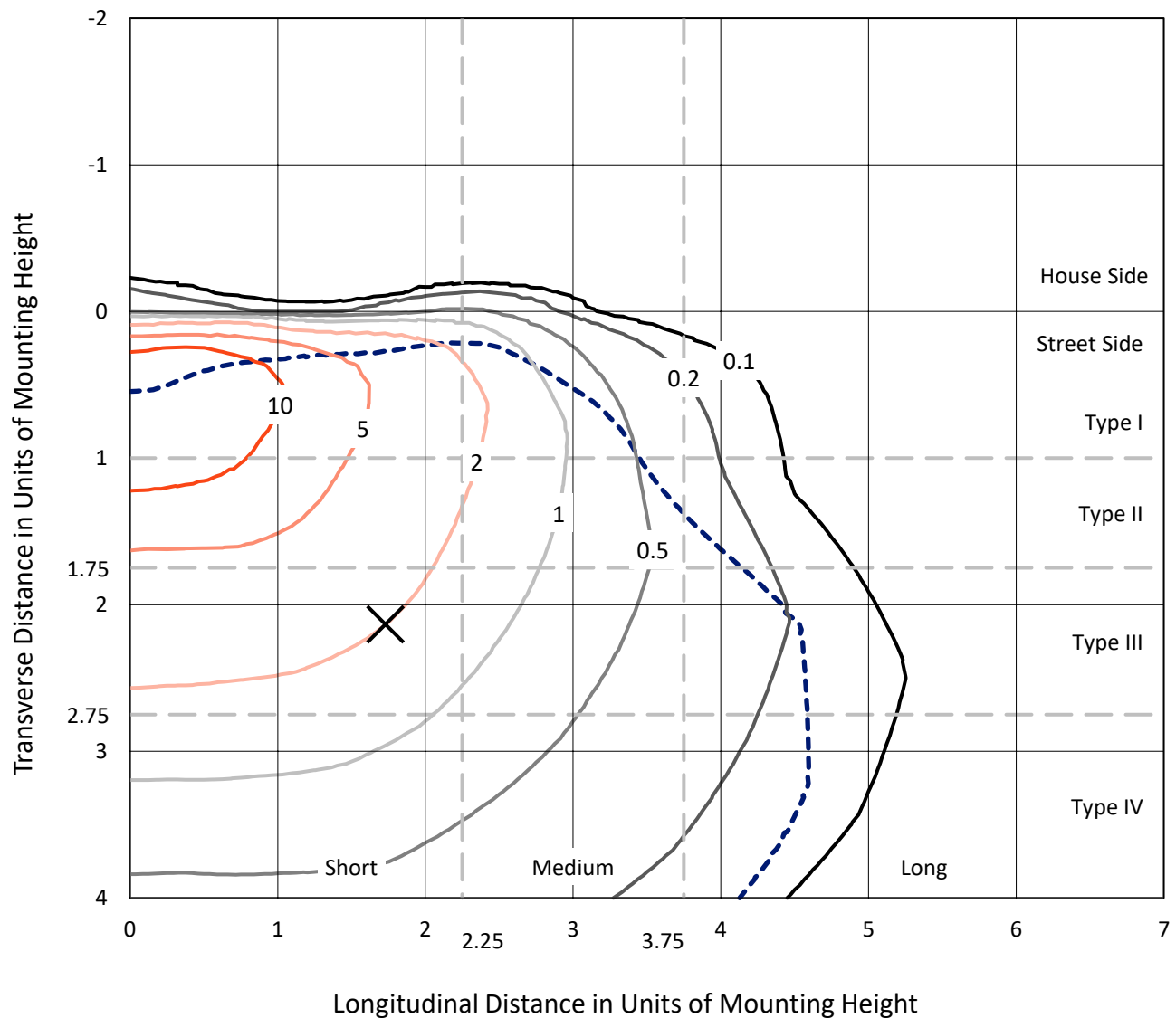


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

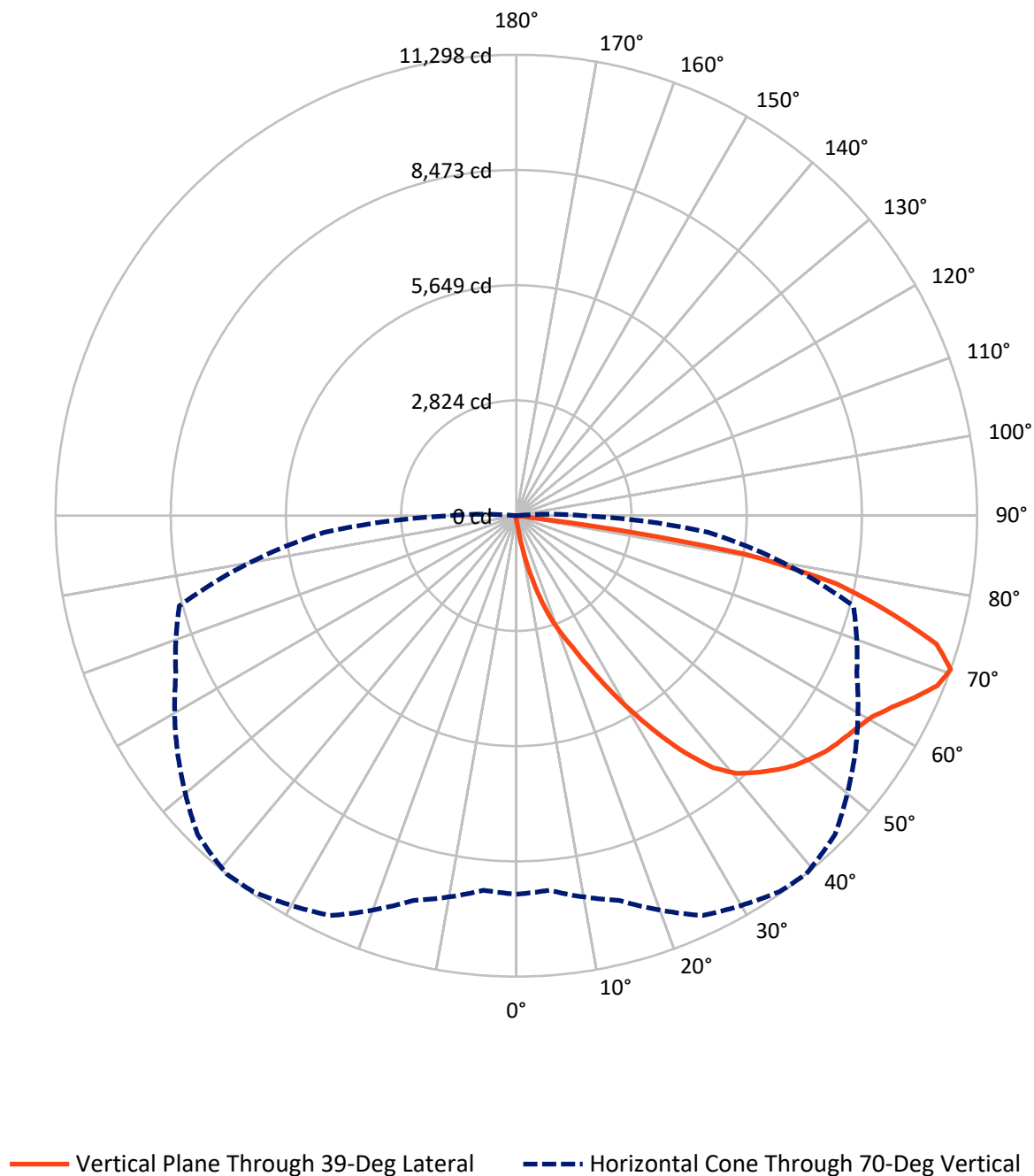


Based on 15 foot mounting height. Maximum calculated value = 19.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	54.9	0.0	54.9
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	17781.8	0.0	17781.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	17836.7	0.0	17836.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	0.1
10°-20°	219.3	1.2
20°-30°	744.1	4.2
30°-40°	1748.8	9.8
40°-50°	2839.7	15.9
50°-60°	3598.5	20.2
60°-70°	4571.1	25.6
70°-80°	3714.0	20.8
80°-90°	382.4	2.1
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°	17836.7	100.0
0°-180°	17836.7	100.0



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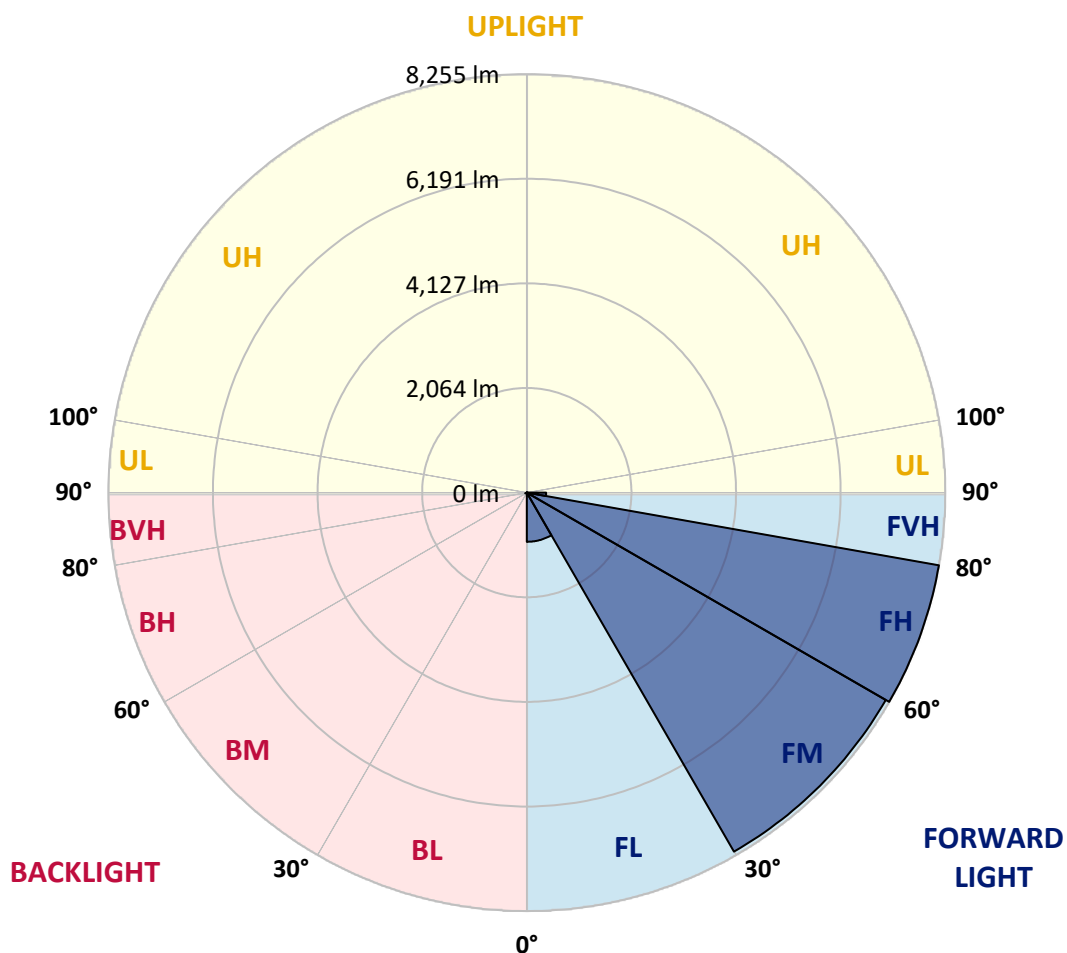
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	970.3	5.4			
FM	(30°-60°)	8176.5	45.8			
FH	(60°-80°)	8254.8	46.3			G4/12000
FVH	(80°-90°)	380.1	2.1			G3/500
BL	(0°-30°)	11.9	0.1	B0/110		
BM	(30°-60°)	10.6	0.1	B0/220		
BH	(60°-80°)	30.2	0.2	B0/110		G0/110
BVH	(80°-90°)	2.3	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-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
2.5°	125.9	125.9	125.9	121.1	121.1	116.2	116.2	111.4	106.5	106.5	101.7
5°	237.3	242.1	227.6	198.5	179.2	169.5	159.8	135.6	121.1	111.4	101.7
7.5°	648.9	629.5	600.5	503.6	387.4	329.3	280.9	198.5	145.3	116.2	101.7
10°	1365.6	1312.3	1230.0	1099.3	871.7	779.7	605.3	363.2	203.4	130.8	101.7
12.5°	2004.8	2014.5	1912.8	1786.9	1510.9	1355.9	1118.6	682.8	319.6	155.0	101.7
15°	2489.1	2479.4	2440.7	2339.0	2092.0	1941.9	1728.8	1147.7	537.5	193.7	106.5
17.5°	2871.7	2832.9	2818.4	2774.8	2615.0	2532.7	2300.2	1690.1	852.3	261.5	111.4
20°	3254.2	3244.5	3230.0	3181.6	3075.1	3016.9	2837.8	2237.3	1268.8	372.9	121.1
22.5°	3811.1	3757.9	3767.5	3661.0	3573.8	3472.1	3326.9	2818.4	1748.2	532.7	135.6
25°	4464.9	4460.0	4382.6	4334.1	4188.9	4077.5	3883.8	3380.1	2280.9	770.0	150.1
27.5°	5234.9	5181.6	5147.7	5065.4	4915.2	4789.3	4523.0	3937.0	2857.1	1036.3	169.5
30°	6038.7	6038.7	5975.8	5849.9	5704.6	5549.6	5278.4	4523.0	3428.6	1375.3	193.7
32.5°	6978.2	6997.6	6842.6	6653.7	6464.9	6358.3	6004.8	5186.4	3975.8	1762.7	222.8
35°	7888.6	7864.4	7607.7	7399.5	7259.1	7142.8	6842.6	5912.8	4595.6	2213.1	261.5
37.5°	8760.3	8697.3	8271.2	7975.8	7912.8	7835.3	7535.1	6639.2	5210.6	2711.9	309.9
40°	9385.0	9288.1	8847.4	8440.7	8348.6	8305.1	8072.6	7297.8	5859.5	3268.8	372.9
42.5°	9656.1	9544.8	9239.7	8910.4	8707.0	8605.3	8401.9	7835.3	6508.5	3888.6	464.9
45°	9709.4	9622.3	9404.3	9326.9	9050.8	8895.9	8619.8	8217.9	7113.8	4503.6	590.8
47.5°	9515.7	9477.0	9346.2	9510.9	9370.4	9157.4	8823.2	8503.6	7651.3	5249.4	765.1
50°	9041.1	9012.1	9075.0	9506.0	9602.9	9360.8	9046.0	8726.4	8116.2	6019.4	1012.1
52.5°	8401.9	8397.1	8692.5	9380.1	9704.6	9554.5	9263.9	8949.1	8484.2	6765.1	1360.8
55°	7704.6	7786.9	8305.1	9263.9	9762.7	9694.9	9477.0	9147.7	8813.5	7457.6	1922.5
57.5°	7646.5	7612.6	8111.4	9215.5	9796.6	9835.3	9690.0	9355.9	9094.4	8024.2	2673.1
60°	8227.6	8150.1	8339.0	9317.2	9946.7	10014.5	9903.1	9515.7	9375.3	8469.7	3661.0
62.5°	8900.7	8828.1	8924.9	9709.4	10242.1	10339.0	10198.5	9680.4	9602.9	8779.6	4721.5
65°	9438.2	9380.1	9564.1	10295.4	10653.7	10736.0	10639.2	9985.4	9704.6	9031.5	5583.5
67.5°	9525.4	9452.8	9835.3	10687.6	11070.2	11128.3	11050.8	10280.8	9670.7	9050.8	5782.1
70°	9278.4	9215.5	9762.7	10813.5	11249.4	11297.8	11050.8	10140.4	9210.6	8556.9	4726.4
72.5°	8518.1	8566.6	9273.6	10508.4	11002.4	10779.6	10256.6	9433.4	8615.0	7254.2	3317.2
75°	7336.5	7389.8	8329.3	9670.7	9709.4	9438.2	9157.4	8677.9	7709.4	4779.6	2300.2
77.5°	5215.5	5026.6	6431.0	7985.5	7845.0	8019.3	8043.6	7220.3	6455.2	2489.1	1539.9
80°	513.3	435.8	808.7	2290.6	5060.5	5656.2	5888.6	5564.2	4760.3	1113.8	808.7
82.5°	111.4	111.4	121.1	130.8	203.4	305.1	1399.5	3428.6	3075.1	566.6	261.5
85°	63.0	63.0	77.5	92.0	121.1	135.6	159.8	213.1	828.1	203.4	48.4
87.5°	48.4	53.3	63.0	77.5	101.7	111.4	135.6	169.5	208.2	188.9	14.5
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-SA6A-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
2.5°	101.7	96.9	92.0	87.2	82.3	82.3	77.5	77.5	77.5	77.5	77.5
5°	96.9	92.0	87.2	77.5	72.6	67.8	63.0	63.0	63.0	63.0	63.0
7.5°	96.9	92.0	82.3	72.6	63.0	58.1	53.3	48.4	48.4	53.3	53.3
10°	96.9	87.2	72.6	63.0	53.3	48.4	43.6	38.7	38.7	38.7	38.7
12.5°	92.0	82.3	67.8	58.1	48.4	38.7	29.1	24.2	24.2	24.2	24.2
15°	87.2	77.5	63.0	48.4	33.9	24.2	19.4	14.5	14.5	14.5	14.5
17.5°	87.2	72.6	58.1	43.6	24.2	14.5	9.7	4.8	4.8	4.8	9.7
20°	87.2	72.6	53.3	33.9	14.5	9.7	9.7	4.8	0.0	4.8	4.8
22.5°	87.2	67.8	43.6	24.2	14.5	9.7	4.8	0.0	0.0	0.0	0.0
25°	92.0	67.8	38.7	19.4	9.7	4.8	0.0	0.0	0.0	0.0	0.0
27.5°	92.0	63.0	33.9	14.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0
30°	96.9	63.0	29.1	9.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	96.9	58.1	19.4	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	96.9	53.3	14.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	96.9	48.4	14.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	101.7	43.6	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	106.5	38.7	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	111.4	33.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	125.9	33.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	145.3	33.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	174.3	33.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	227.6	29.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	329.3	29.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	552.1	29.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	968.5	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1636.8	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2135.6	33.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1622.3	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	774.8	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	343.8	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	150.1	14.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	58.1	9.7	4.8	4.8	4.8	4.8	0.0	0.0	0.0	0.0	0.0
82.5°	24.2	9.7	4.8	4.8	4.8	4.8	4.8	0.0	0.0	0.0	0.0
85°	14.5	9.7	9.7	9.7	4.8	4.8	4.8	0.0	0.0	0.0	0.0
87.5°	9.7	9.7	9.7	9.7	9.7	4.8	4.8	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 $\text{W}^\wedge/\text{nm}$	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 $\text{W}^\wedge/\text{nm}$	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 ^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

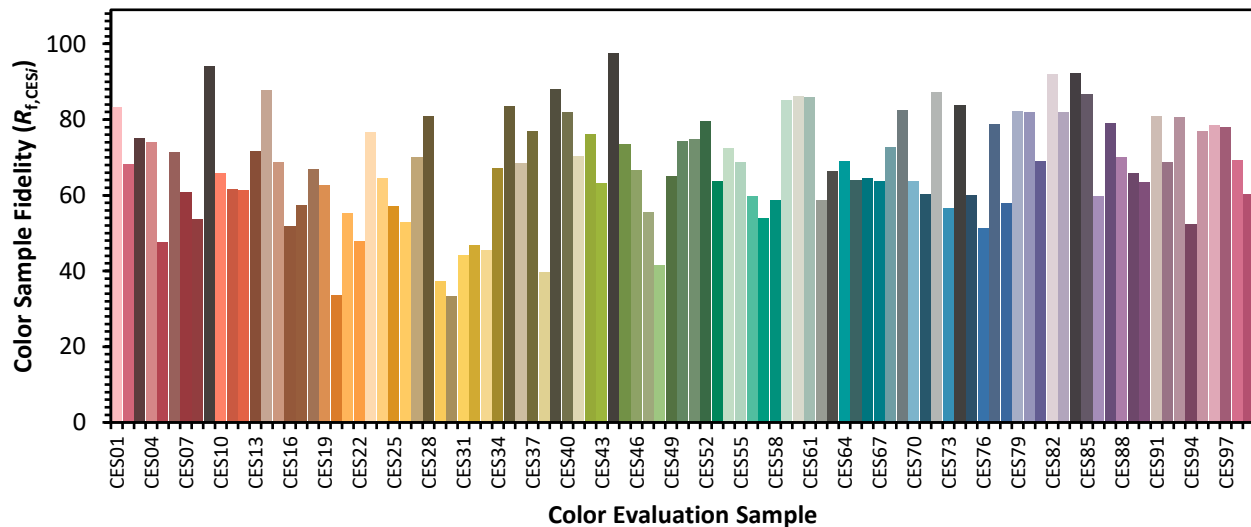


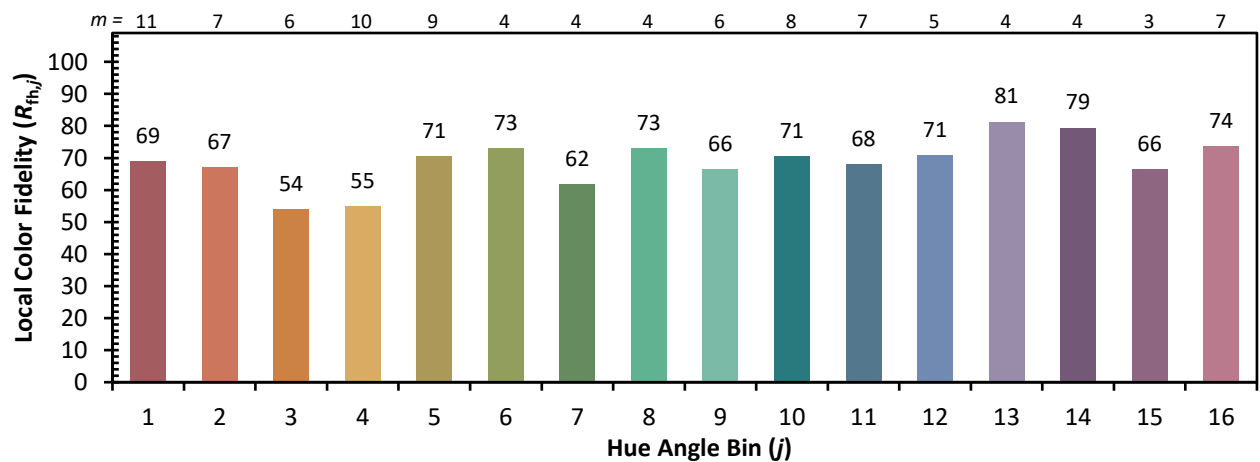
Color Vector Graphics



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)