

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: P1067489

Luminaire Tested: **NAV-SA2A-735-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067489
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2A-735-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6688.2 lumens
Efficiency: N/A
Efficacy: 120.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - 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

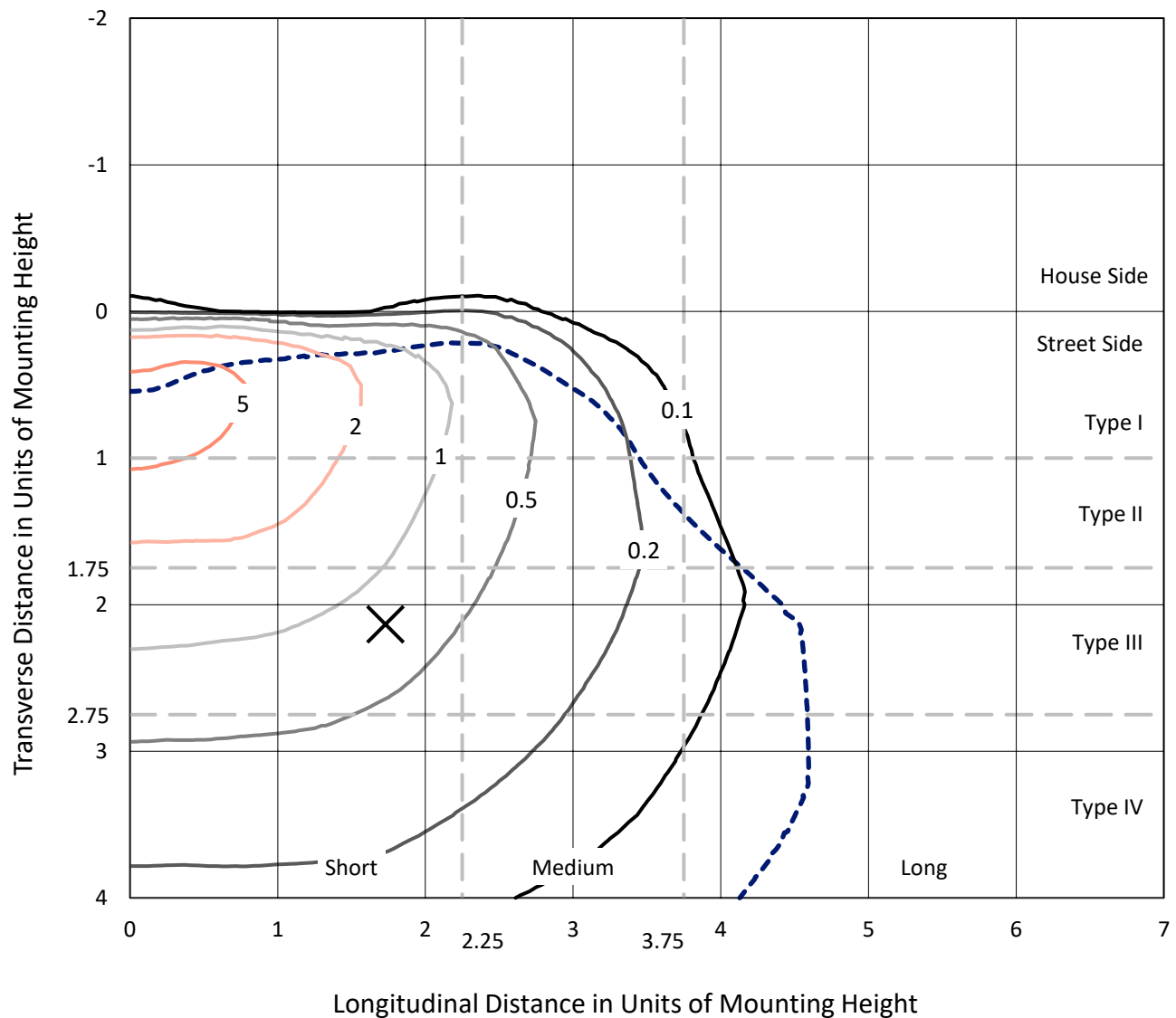


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

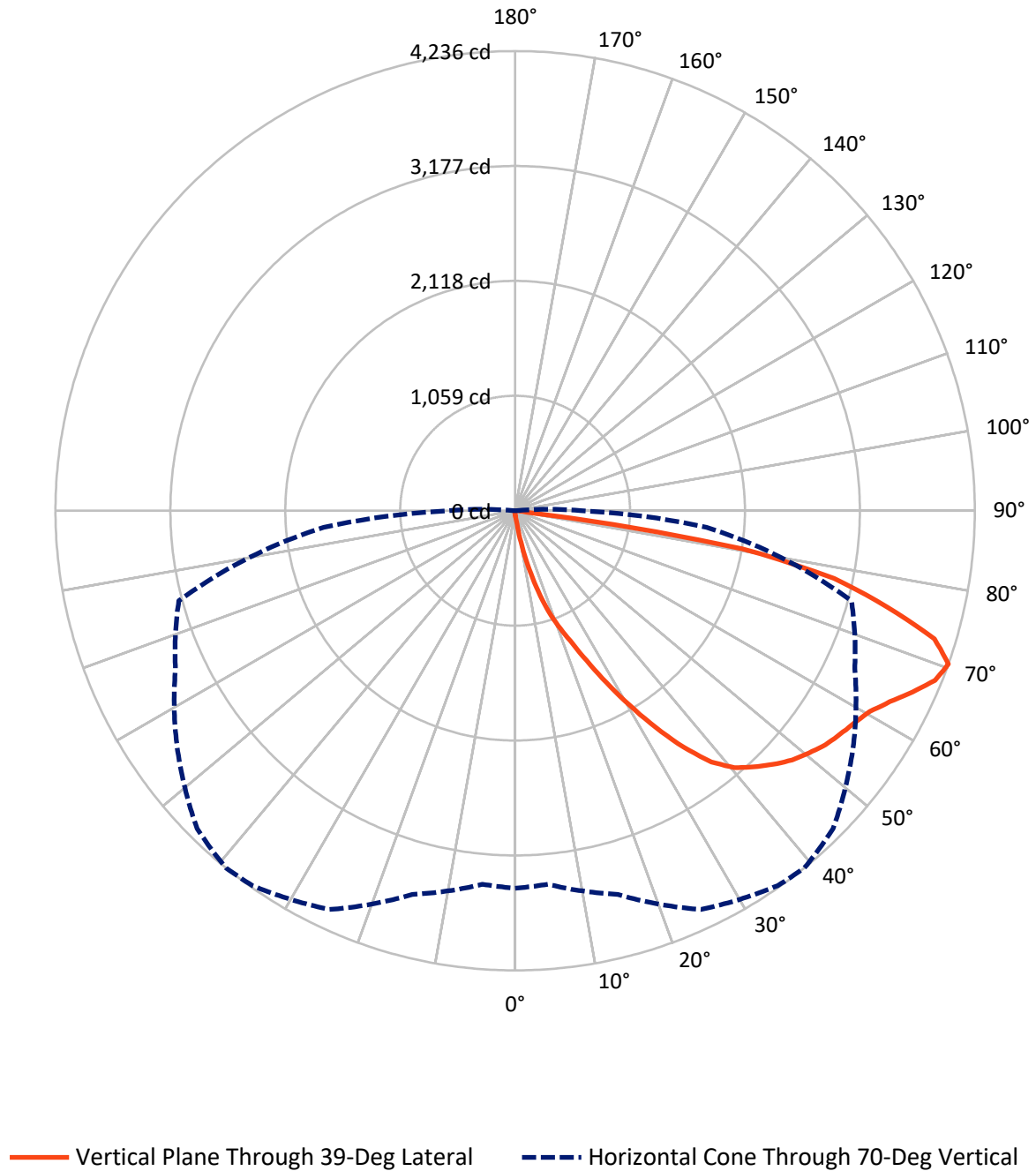


Based on 15 foot mounting height. Maximum calculated value = 7.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.6	0.0	20.6
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	6667.6	0.0	6667.6
	% Fixture	99.7	0.0	99.7
Total	Lumens	6688.2	0.0	6688.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.0	0.1
10°-20°	82.2	1.2
20°-30°	279.0	4.2
30°-40°	655.8	9.8
40°-50°	1064.8	15.9
50°-60°	1349.3	20.2
60°-70°	1714.0	25.6
70°-80°	1392.6	20.8
80°-90°	143.4	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°	6688.2	100.0
0°-180°	6688.2	100.0



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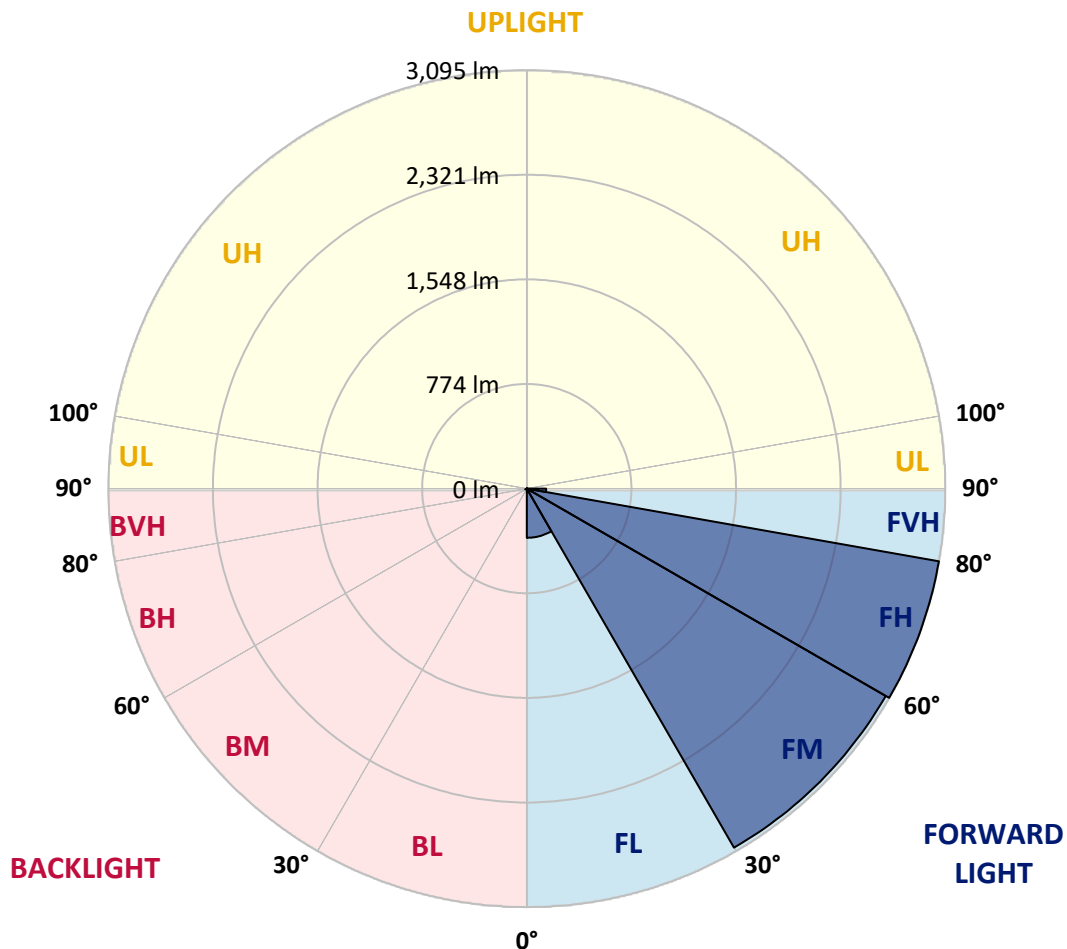
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	363.8	5.4			
FM	(30°-60°)	3065.9	45.8			
FH	(60°-80°)	3095.3	46.3			G2/5000
FVH	(80°-90°)	142.5	2.1			G2/225
BL	(0°-30°)	4.5	0.1	B0/110		
BM	(30°-60°)	4.0	0.1	B0/220		
BH	(60°-80°)	11.3	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
2.5°	47.2	47.2	47.2	45.4	45.4	43.6	43.6	41.8	39.9	39.9	38.1
5°	89.0	90.8	85.3	74.4	67.2	63.6	59.9	50.8	45.4	41.8	38.1
7.5°	243.3	236.1	225.2	188.8	145.3	123.5	105.3	74.4	54.5	43.6	38.1
10°	512.1	492.1	461.2	412.2	326.8	292.3	227.0	136.2	76.3	49.0	38.1
12.5°	751.7	755.4	717.2	670.0	566.5	508.4	419.5	256.0	119.8	58.1	38.1
15°	933.3	929.7	915.2	877.0	784.4	728.1	648.2	430.3	201.6	72.6	39.9
17.5°	1076.8	1062.3	1056.8	1040.5	980.5	949.7	862.5	633.7	319.6	98.1	41.8
20°	1220.2	1216.6	1211.2	1193.0	1153.0	1131.3	1064.1	838.9	475.7	139.8	45.4
22.5°	1429.0	1409.1	1412.7	1372.8	1340.1	1301.9	1247.5	1056.8	655.5	199.7	50.8
25°	1674.2	1672.4	1643.3	1625.2	1570.7	1528.9	1456.3	1267.4	855.3	288.7	56.3
27.5°	1962.9	1942.9	1930.2	1899.3	1843.1	1795.8	1696.0	1476.3	1071.3	388.6	63.6
30°	2264.3	2264.3	2240.7	2193.5	2139.0	2080.9	1979.2	1696.0	1285.6	515.7	72.6
32.5°	2616.6	2623.9	2565.8	2494.9	2424.1	2384.2	2251.6	1944.7	1490.8	661.0	83.5
35°	2958.0	2948.9	2852.7	2774.6	2721.9	2678.3	2565.8	2217.1	1723.2	829.8	98.1
37.5°	3284.8	3261.2	3101.4	2990.7	2967.0	2938.0	2825.4	2489.5	1953.8	1016.9	116.2
40°	3519.1	3482.7	3317.5	3165.0	3130.5	3114.1	3027.0	2736.4	2197.1	1225.7	139.8
42.5°	3620.7	3579.0	3464.6	3341.1	3264.8	3226.7	3150.4	2938.0	2440.5	1458.1	174.3
45°	3640.7	3608.0	3526.3	3497.3	3393.8	3335.7	3232.2	3081.4	2667.4	1688.7	221.5
47.5°	3568.1	3553.6	3504.5	3566.3	3513.6	3433.7	3308.4	3188.6	2869.0	1968.3	286.9
50°	3390.1	3379.2	3402.8	3564.5	3600.8	3510.0	3391.9	3272.1	3043.3	2257.1	379.5
52.5°	3150.4	3148.6	3259.4	3517.2	3638.9	3582.6	3473.7	3355.6	3181.3	2536.7	510.2
55°	2889.0	2919.8	3114.1	3473.7	3660.7	3635.3	3553.6	3430.1	3304.8	2796.4	720.9
57.5°	2867.2	2854.5	3041.5	3455.5	3673.4	3687.9	3633.5	3508.2	3410.1	3008.8	1002.3
60°	3085.1	3056.0	3126.8	3493.6	3729.7	3755.1	3713.3	3568.1	3515.4	3175.9	1372.8
62.5°	3337.5	3310.2	3346.6	3640.7	3840.5	3876.8	3824.1	3629.8	3600.8	3292.1	1770.4
65°	3539.0	3517.2	3586.2	3860.4	3994.8	4025.7	3989.4	3744.2	3638.9	3386.5	2093.6
67.5°	3571.7	3544.5	3687.9	4007.5	4151.0	4172.8	4143.7	3855.0	3626.2	3393.8	2168.1
70°	3479.1	3455.5	3660.7	4054.7	4218.1	4236.3	4143.7	3802.3	3453.7	3208.6	1772.2
72.5°	3194.0	3212.2	3477.3	3940.3	4125.5	4042.0	3845.9	3537.2	3230.3	2720.1	1243.8
75°	2751.0	2770.9	3123.2	3626.2	3640.7	3539.0	3433.7	3253.9	2890.8	1792.2	862.5
77.5°	1955.6	1884.8	2411.4	2994.3	2941.6	3007.0	3016.1	2707.4	2420.5	933.3	577.4
80°	192.5	163.4	303.2	858.9	1897.5	2120.9	2208.0	2086.4	1784.9	417.6	303.2
82.5°	41.8	41.8	45.4	49.0	76.3	114.4	524.8	1285.6	1153.0	212.5	98.1
85°	23.6	23.6	29.1	34.5	45.4	50.8	59.9	79.9	310.5	76.3	18.2
87.5°	18.2	20.0	23.6	29.1	38.1	41.8	50.8	63.6	78.1	70.8	5.4
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°	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
2.5°	38.1	36.3	34.5	32.7	30.9	30.9	29.1	29.1	29.1	29.1	29.1
5°	36.3	34.5	32.7	29.1	27.2	25.4	23.6	23.6	23.6	23.6	23.6
7.5°	36.3	34.5	30.9	27.2	23.6	21.8	20.0	18.2	18.2	20.0	20.0
10°	36.3	32.7	27.2	23.6	20.0	18.2	16.3	14.5	14.5	14.5	14.5
12.5°	34.5	30.9	25.4	21.8	18.2	14.5	10.9	9.1	9.1	9.1	9.1
15°	32.7	29.1	23.6	18.2	12.7	9.1	7.3	5.4	5.4	5.4	5.4
17.5°	32.7	27.2	21.8	16.3	9.1	5.4	3.6	1.8	1.8	1.8	3.6
20°	32.7	27.2	20.0	12.7	5.4	3.6	3.6	1.8	0.0	1.8	1.8
22.5°	32.7	25.4	16.3	9.1	5.4	3.6	1.8	0.0	0.0	0.0	0.0
25°	34.5	25.4	14.5	7.3	3.6	1.8	0.0	0.0	0.0	0.0	0.0
27.5°	34.5	23.6	12.7	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0
30°	36.3	23.6	10.9	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	36.3	21.8	7.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	36.3	20.0	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	36.3	18.2	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	38.1	16.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	39.9	14.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	41.8	12.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	47.2	12.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	54.5	12.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	65.4	12.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	85.3	10.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	123.5	10.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	207.0	10.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	363.2	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	613.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	800.8	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	608.3	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	290.5	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	128.9	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	56.3	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	21.8	3.6	1.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0
82.5°	9.1	3.6	1.8	1.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0
85°	5.4	3.6	3.6	3.6	1.8	1.8	1.8	0.0	0.0	0.0	0.0
87.5°	3.6	3.6	3.6	3.6	3.6	1.8	1.8	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

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: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

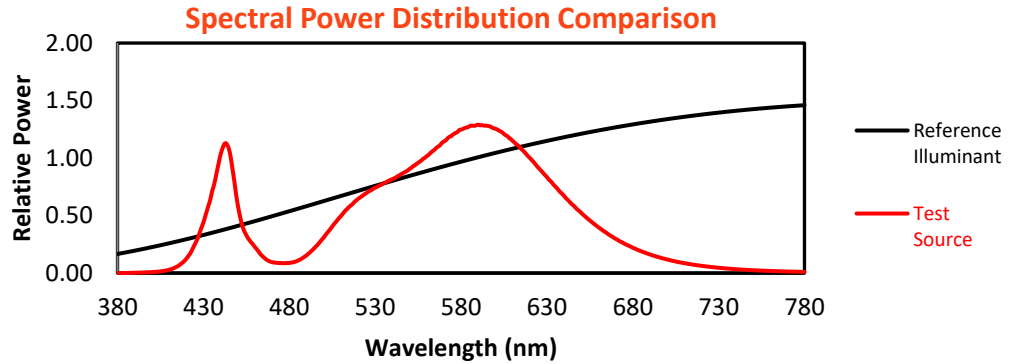
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$



Color Vector Graphics



Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)