

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: P1067418

Luminaire Tested: **NAV-SA2B-722-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067418
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2B-722-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6615.4 lumens
Efficiency: N/A
Efficacy: 90.9 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): 72.8
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

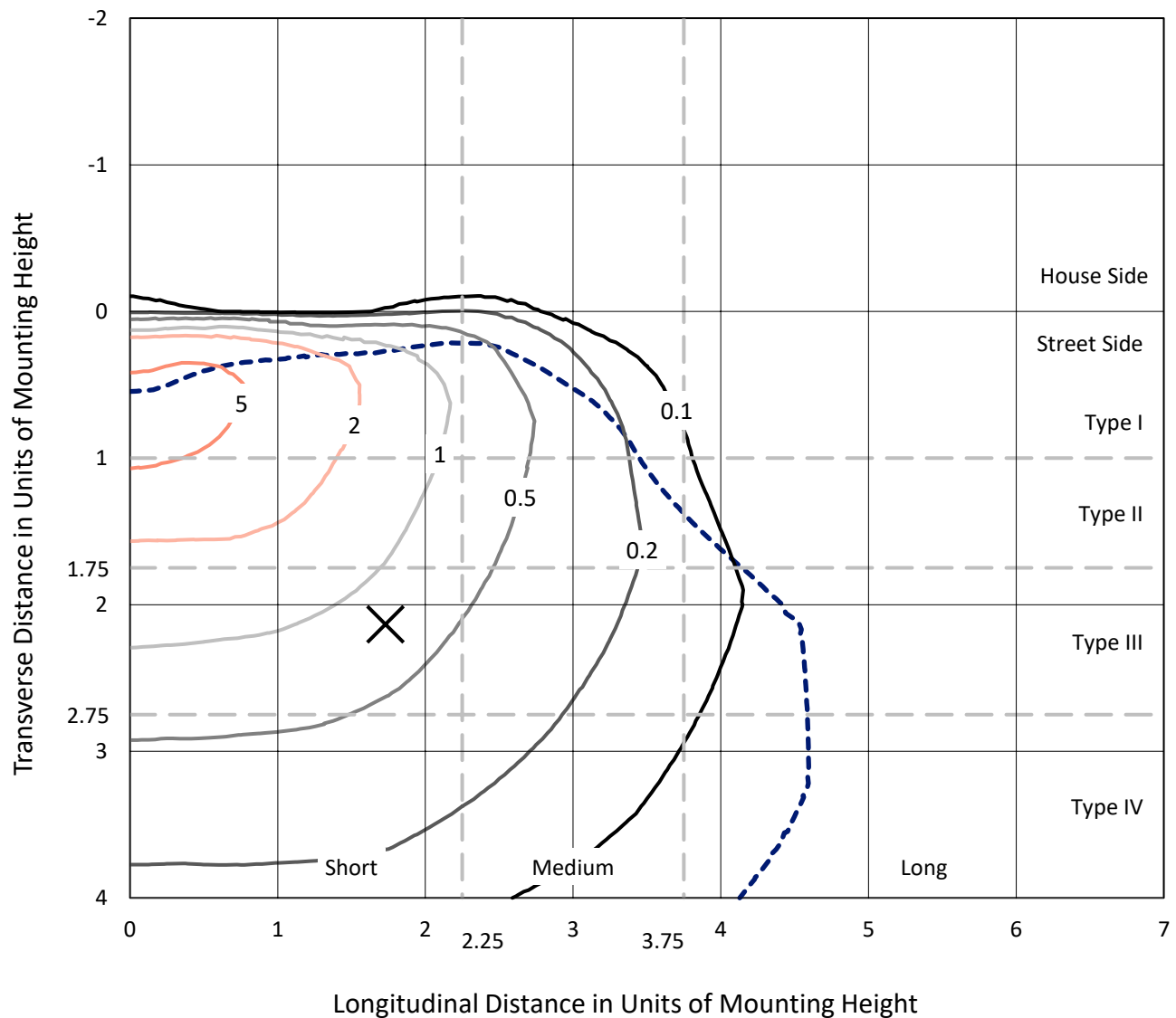


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

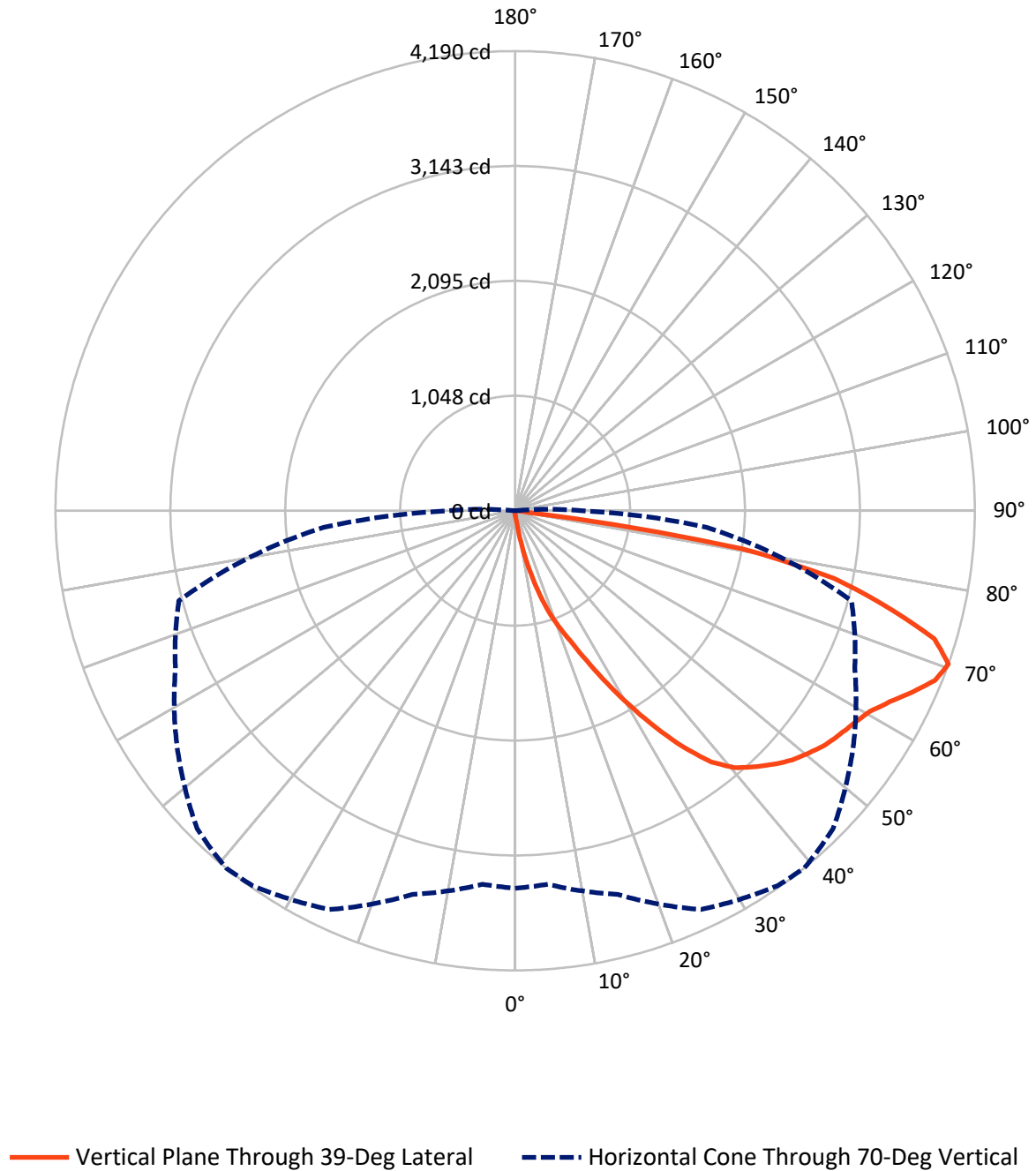


Based on 15 foot mounting height. Maximum calculated value = 7.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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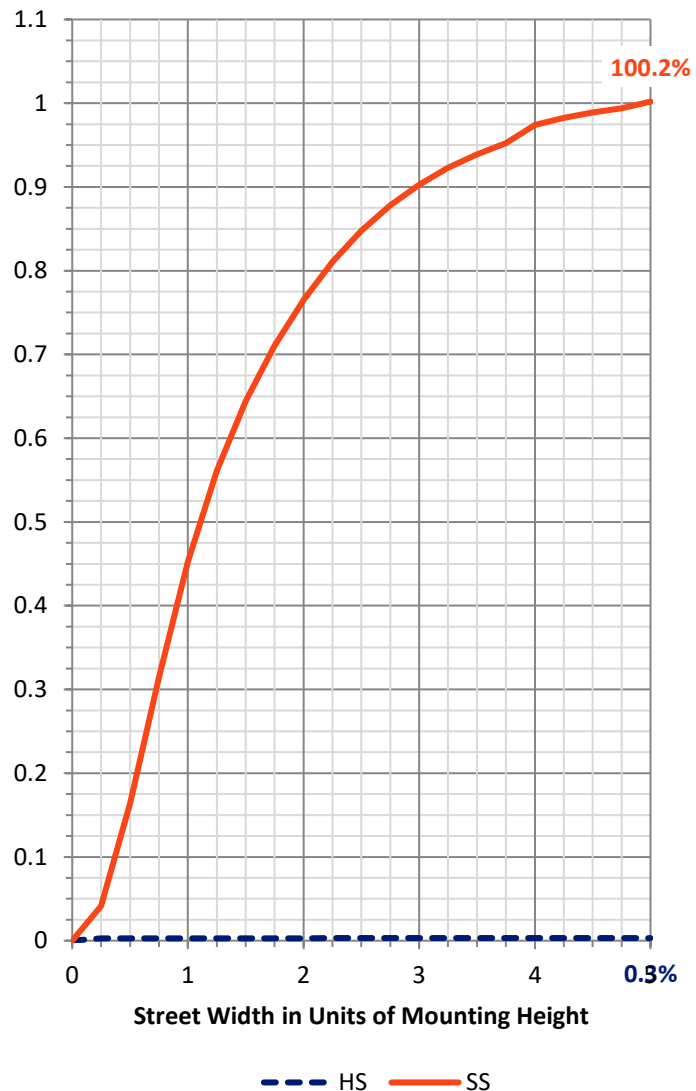
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.4	0.0	20.4
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	6595.0	0.0	6595.0
	% Fixture	99.7	0.0	99.7
Total	Lumens	6615.4	0.0	6615.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.0	0.1
10°-20°	81.3	1.2
20°-30°	276.0	4.2
30°-40°	648.6	9.8
40°-50°	1053.2	15.9
50°-60°	1334.6	20.2
60°-70°	1695.3	25.6
70°-80°	1377.5	20.8
80°-90°	141.8	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°	6615.4	100.0
0°-180°	6615.4	100.0



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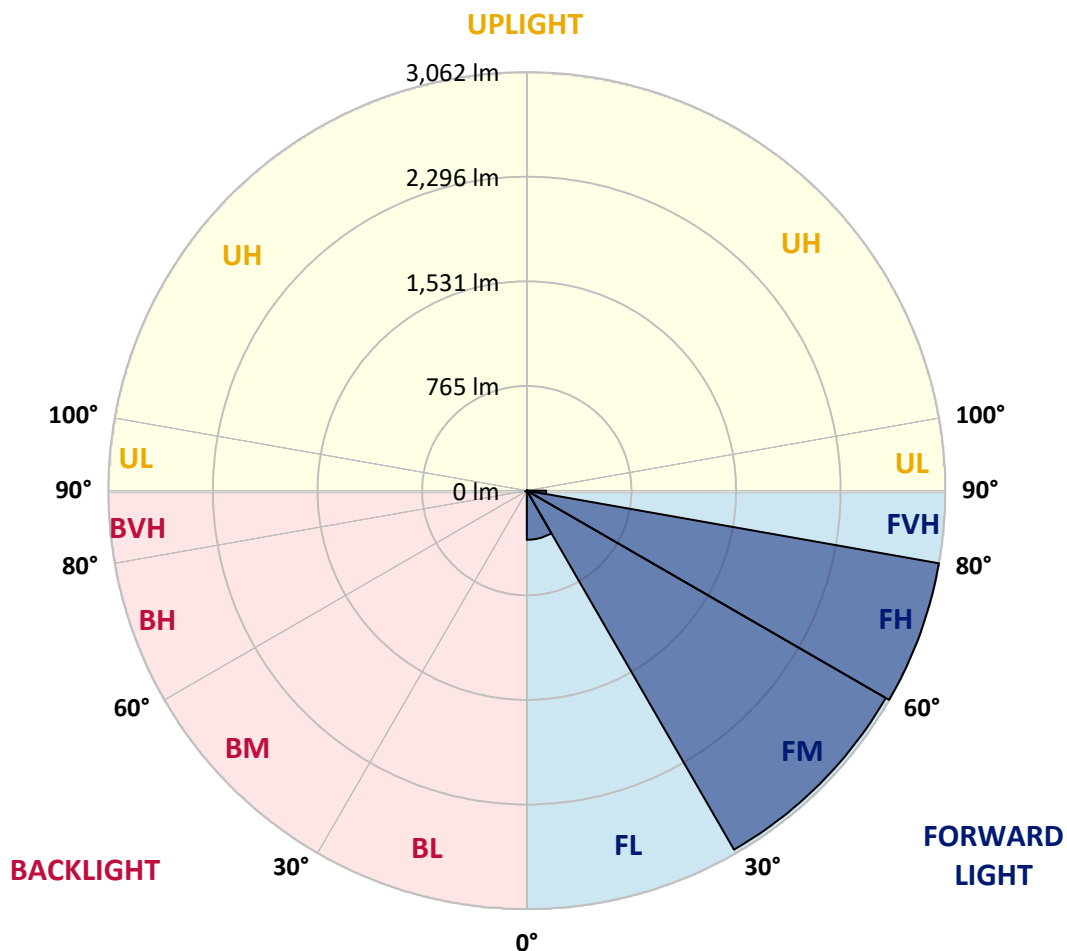
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	359.9	5.4			
FM	(30°-60°)	3032.5	45.8			
FH	(60°-80°)	3061.6	46.3			G2/5000
FVH	(80°-90°)	141.0	2.1			G2/225
BL	(0°-30°)	4.4	0.1	B0/110		
BM	(30°-60°)	3.9	0.1	B0/220		
BH	(60°-80°)	11.2	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



REPORT NUMBER: P1067418

CATALOG NUMBER: NAV-SA2B-722-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
2.5°	46.7	46.7	46.7	44.9	44.9	43.1	43.1	41.3	39.5	39.5	37.7
5°	88.0	89.8	84.4	73.6	66.5	62.9	59.3	50.3	44.9	41.3	37.7
7.5°	240.7	233.5	222.7	186.8	143.7	122.1	104.2	73.6	53.9	43.1	37.7
10°	506.5	486.7	456.2	407.7	323.3	289.2	224.5	134.7	75.4	48.5	37.7
12.5°	743.6	747.2	709.4	662.7	560.4	502.9	414.9	253.2	118.5	57.5	37.7
15°	923.2	919.6	905.2	867.5	775.9	720.2	641.2	425.7	199.4	71.8	39.5
17.5°	1065.1	1050.7	1045.3	1029.1	969.9	939.3	853.1	626.8	316.1	97.0	41.3
20°	1206.9	1203.4	1198.0	1180.0	1140.5	1118.9	1052.5	829.8	470.6	138.3	44.9
22.5°	1413.5	1393.7	1397.3	1357.8	1325.5	1287.8	1233.9	1045.3	648.4	197.6	50.3
25°	1656.0	1654.2	1625.4	1607.5	1553.6	1512.3	1440.4	1253.6	845.9	285.6	55.7
27.5°	1941.5	1921.8	1909.2	1878.7	1823.0	1776.3	1677.5	1460.2	1059.7	384.4	62.9
30°	2239.7	2239.7	2216.3	2169.6	2115.7	2058.3	1957.7	1677.5	1271.6	510.1	71.8
32.5°	2588.1	2595.3	2537.8	2467.8	2397.7	2358.2	2227.1	1923.6	1474.6	653.8	82.6
35°	2925.8	2916.8	2821.6	2744.4	2692.3	2649.2	2537.8	2193.0	1704.4	820.8	97.0
37.5°	3249.0	3225.7	3067.6	2958.1	2934.7	2906.0	2794.6	2462.4	1932.5	1005.8	114.9
40°	3480.7	3444.8	3281.4	3130.5	3096.4	3080.2	2994.0	2706.6	2173.2	1212.3	138.3
42.5°	3581.3	3540.0	3426.9	3304.7	3229.3	3191.6	3116.1	2906.0	2413.9	1442.2	172.4
45°	3601.1	3568.7	3487.9	3459.2	3356.8	3299.3	3197.0	3047.9	2638.4	1670.3	219.1
47.5°	3529.2	3514.9	3466.4	3527.4	3475.4	3396.3	3272.4	3153.9	2837.8	1946.9	283.8
50°	3353.2	3342.4	3365.8	3525.6	3561.6	3471.8	3355.0	3236.5	3010.2	2232.5	375.4
52.5°	3116.1	3114.3	3223.9	3478.9	3599.3	3543.6	3435.8	3319.1	3146.7	2509.1	504.7
55°	2857.5	2888.0	3080.2	3435.8	3620.8	3595.7	3514.9	3392.7	3268.8	2765.9	713.0
57.5°	2836.0	2823.4	3008.4	3417.9	3633.4	3647.8	3593.9	3470.0	3373.0	2976.0	991.4
60°	3051.5	3022.7	3092.8	3455.6	3689.1	3714.2	3672.9	3529.2	3477.1	3141.3	1357.8
62.5°	3301.1	3274.2	3310.1	3601.1	3798.6	3834.6	3782.5	3590.3	3561.6	3256.2	1751.1
65°	3500.5	3478.9	3547.2	3818.4	3951.3	3981.8	3945.9	3703.4	3599.3	3349.6	2070.8
67.5°	3532.8	3505.9	3647.8	3963.9	4105.8	4127.3	4098.6	3813.0	3586.7	3356.8	2144.5
70°	3441.2	3417.9	3620.8	4010.6	4172.2	4190.2	4098.6	3760.9	3416.1	3173.6	1752.9
72.5°	3159.2	3177.2	3439.4	3897.4	4080.6	3998.0	3804.0	3498.7	3195.2	2690.5	1230.3
75°	2721.0	2740.8	3089.2	3586.7	3601.1	3500.5	3396.3	3218.5	2859.3	1772.7	853.1
77.5°	1934.3	1864.3	2385.2	2961.7	2909.6	2974.3	2983.2	2677.9	2394.1	923.2	571.1
80°	190.4	161.6	299.9	849.5	1876.9	2097.8	2184.0	2063.7	1765.5	413.1	299.9
82.5°	41.3	41.3	44.9	48.5	75.4	113.2	519.1	1271.6	1140.5	210.1	97.0
85°	23.3	23.3	28.7	34.1	44.9	50.3	59.3	79.0	307.1	75.4	18.0
87.5°	18.0	19.8	23.3	28.7	37.7	41.3	50.3	62.9	77.2	70.0	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°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
2.5°	37.7	35.9	34.1	32.3	30.5	30.5	28.7	28.7	28.7	28.7	28.7
5°	35.9	34.1	32.3	28.7	26.9	25.1	23.3	23.3	23.3	23.3	23.3
7.5°	35.9	34.1	30.5	26.9	23.3	21.6	19.8	18.0	18.0	19.8	19.8
10°	35.9	32.3	26.9	23.3	19.8	18.0	16.2	14.4	14.4	14.4	14.4
12.5°	34.1	30.5	25.1	21.6	18.0	14.4	10.8	9.0	9.0	9.0	9.0
15°	32.3	28.7	23.3	18.0	12.6	9.0	7.2	5.4	5.4	5.4	5.4
17.5°	32.3	26.9	21.6	16.2	9.0	5.4	3.6	1.8	1.8	1.8	3.6
20°	32.3	26.9	19.8	12.6	5.4	3.6	3.6	1.8	0.0	1.8	1.8
22.5°	32.3	25.1	16.2	9.0	5.4	3.6	1.8	0.0	0.0	0.0	0.0
25°	34.1	25.1	14.4	7.2	3.6	1.8	0.0	0.0	0.0	0.0	0.0
27.5°	34.1	23.3	12.6	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0
30°	35.9	23.3	10.8	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	35.9	21.6	7.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	35.9	19.8	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	35.9	18.0	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	37.7	16.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	39.5	14.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	41.3	12.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	46.7	12.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	53.9	12.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	64.7	12.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	84.4	10.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	122.1	10.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	204.7	10.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	359.2	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	607.1	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	792.1	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	601.7	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	287.4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	127.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	55.7	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	21.6	3.6	1.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0
82.5°	9.0	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

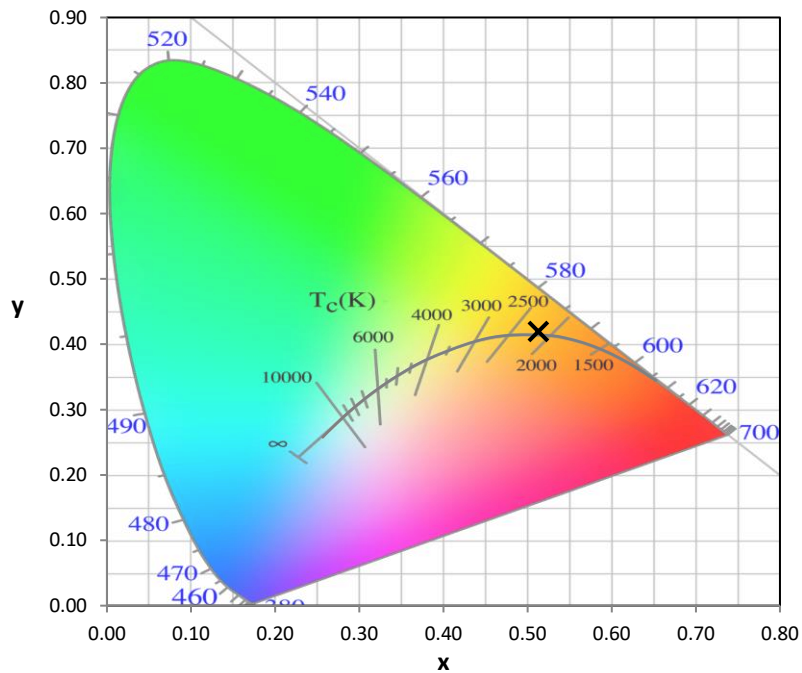
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



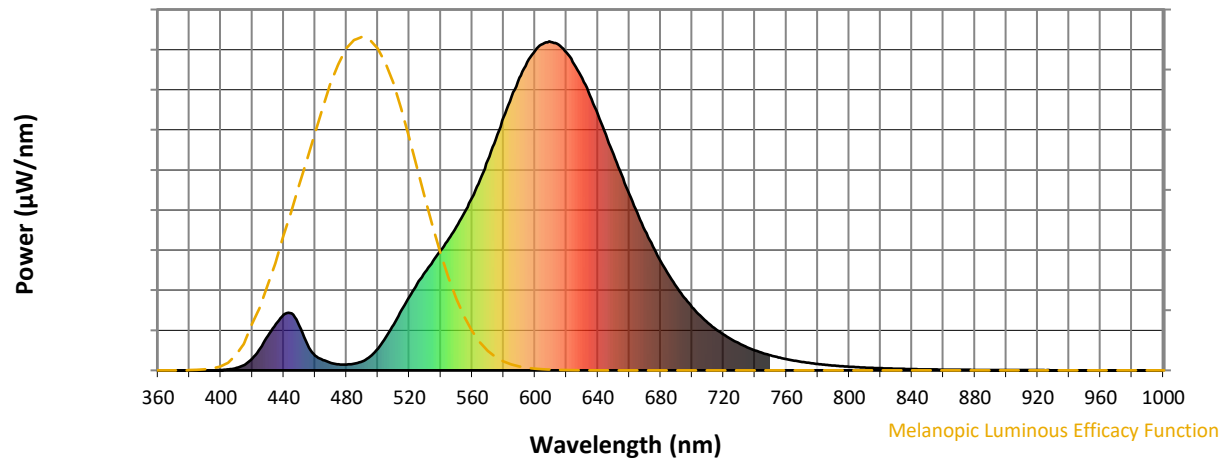
Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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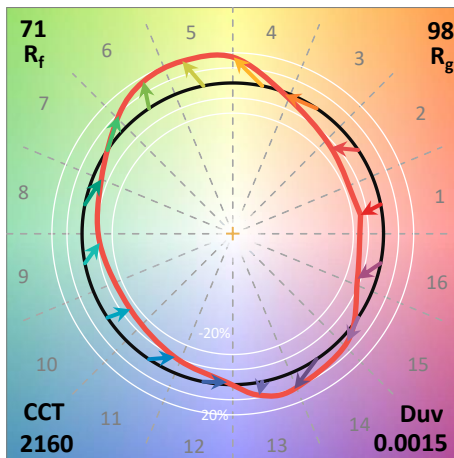
TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE\ R_a = 71.9$
 $R_g = -17.8$



Color Vector Graphics



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

CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)