

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: P1067178

Luminaire Tested: **NAV-SA2B-722-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067178
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-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6524.7 lumens
Efficiency: N/A
Efficacy: 89.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - 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



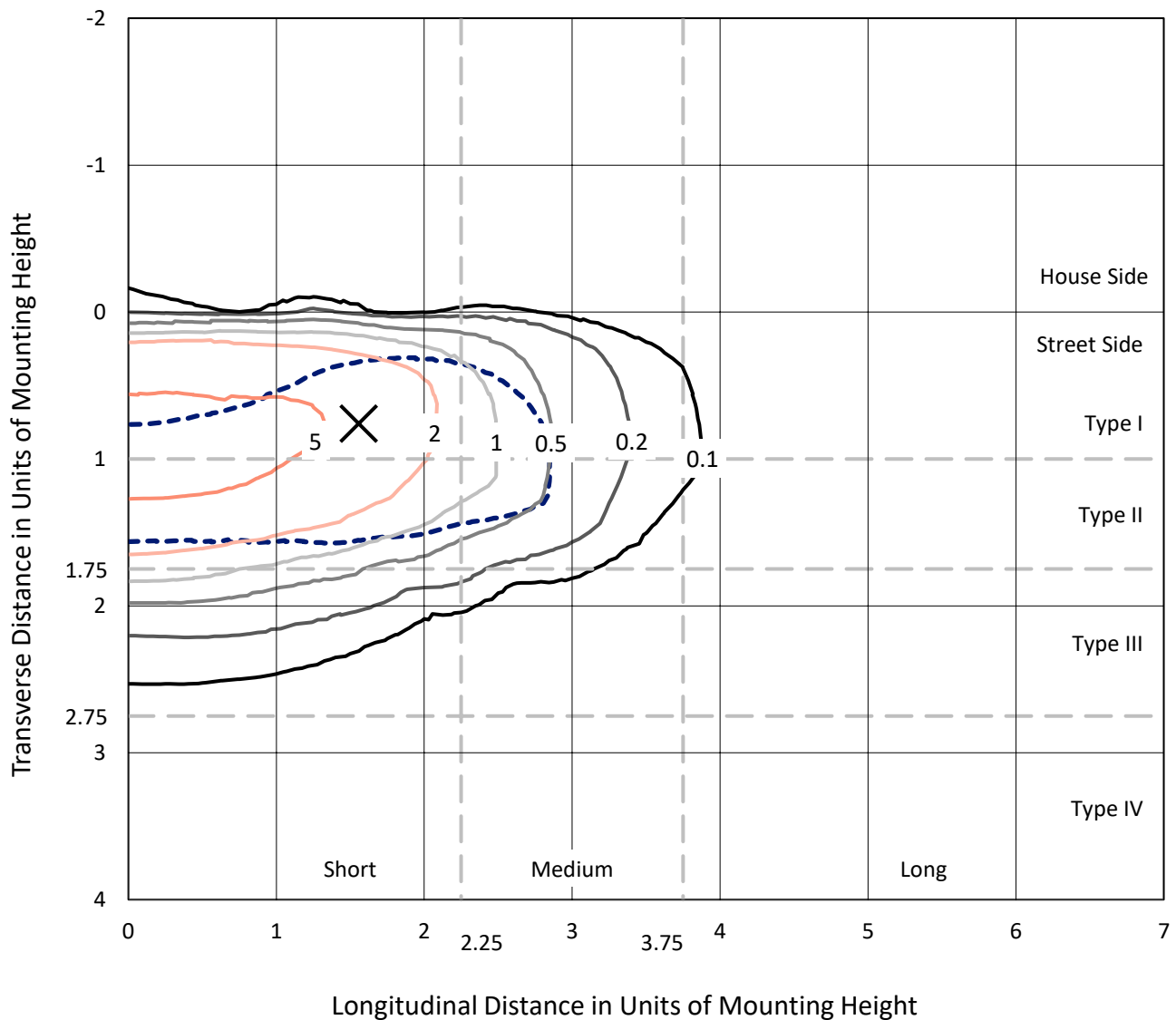
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

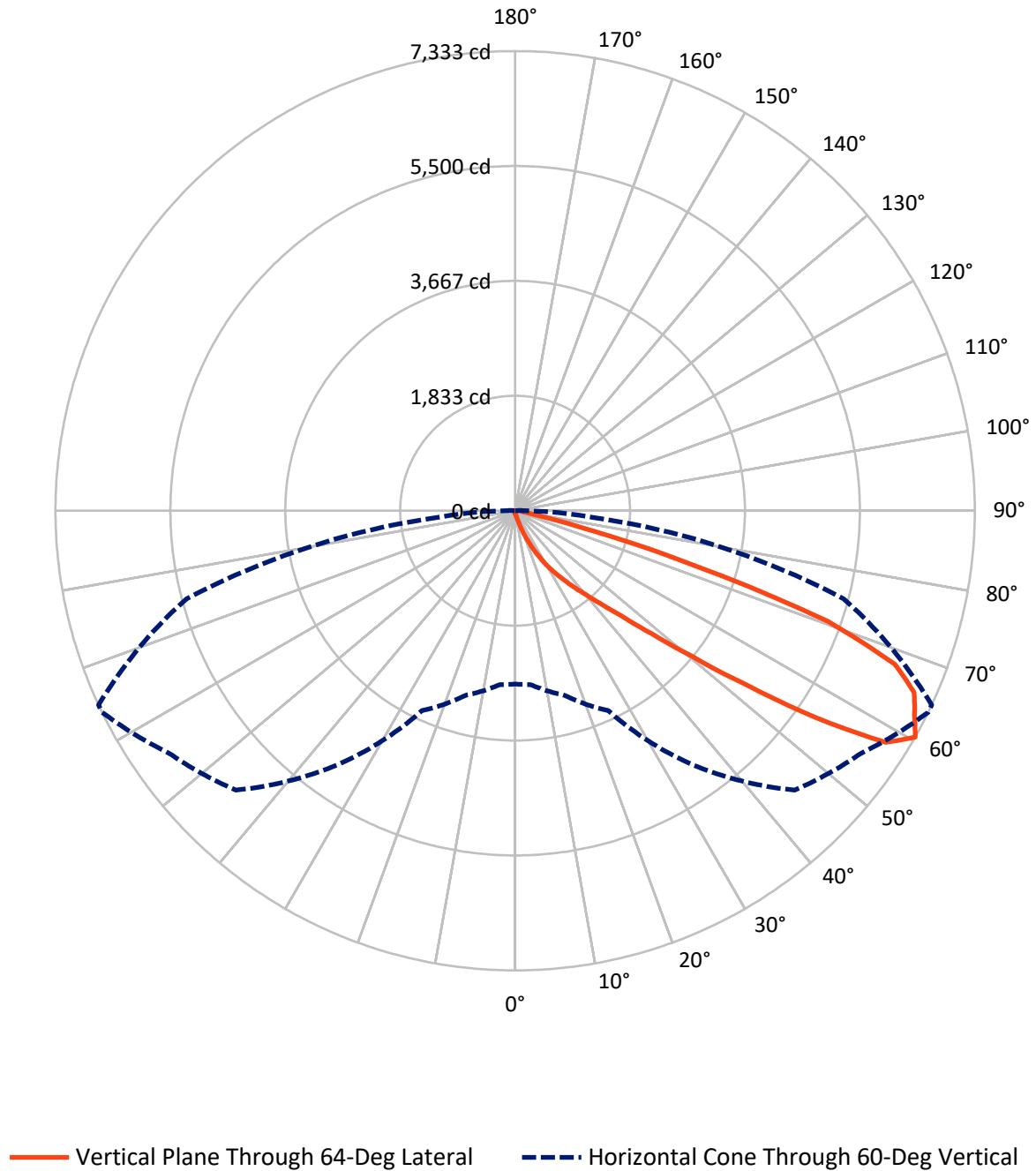


Based on 15 foot mounting height. Maximum calculated value = 9.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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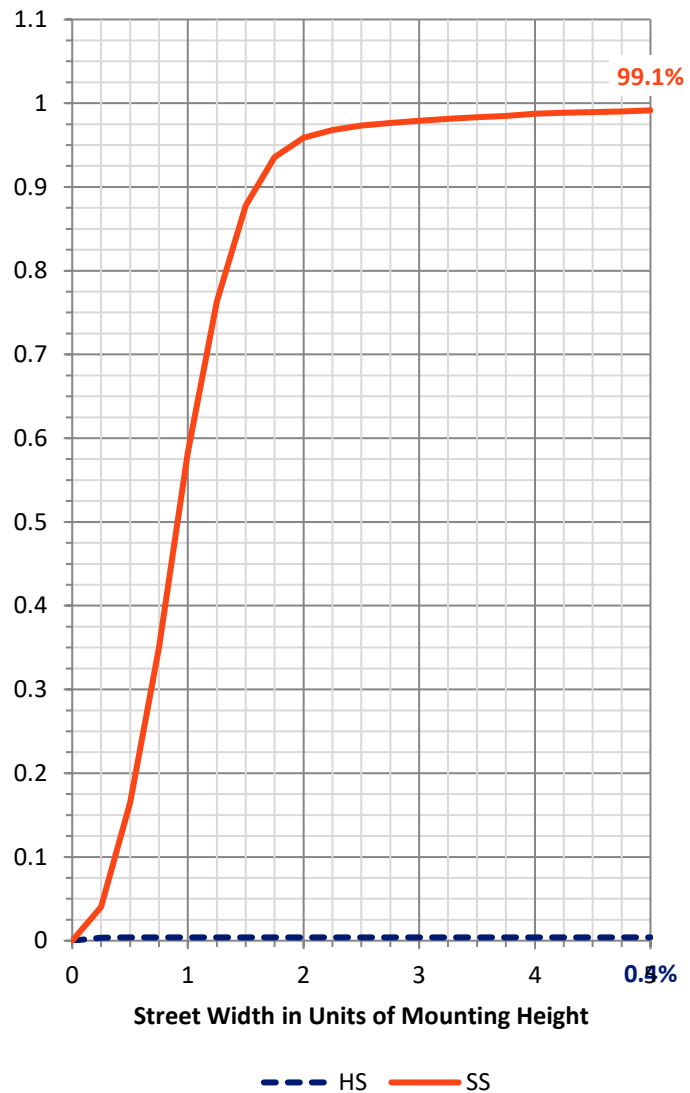
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.5	0.0	26.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6498.2	0.0	6498.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	6524.7	0.0	6524.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.5	0.1
10°-20°	64.1	1.0
20°-30°	212.9	3.3
30°-40°	568.2	8.7
40°-50°	1444.3	22.1
50°-60°	2105.4	32.3
60°-70°	1626.2	24.9
70°-80°	446.6	6.8
80°-90°	50.4	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°	6524.7	100.0
0°-180°	6524.7	100.0



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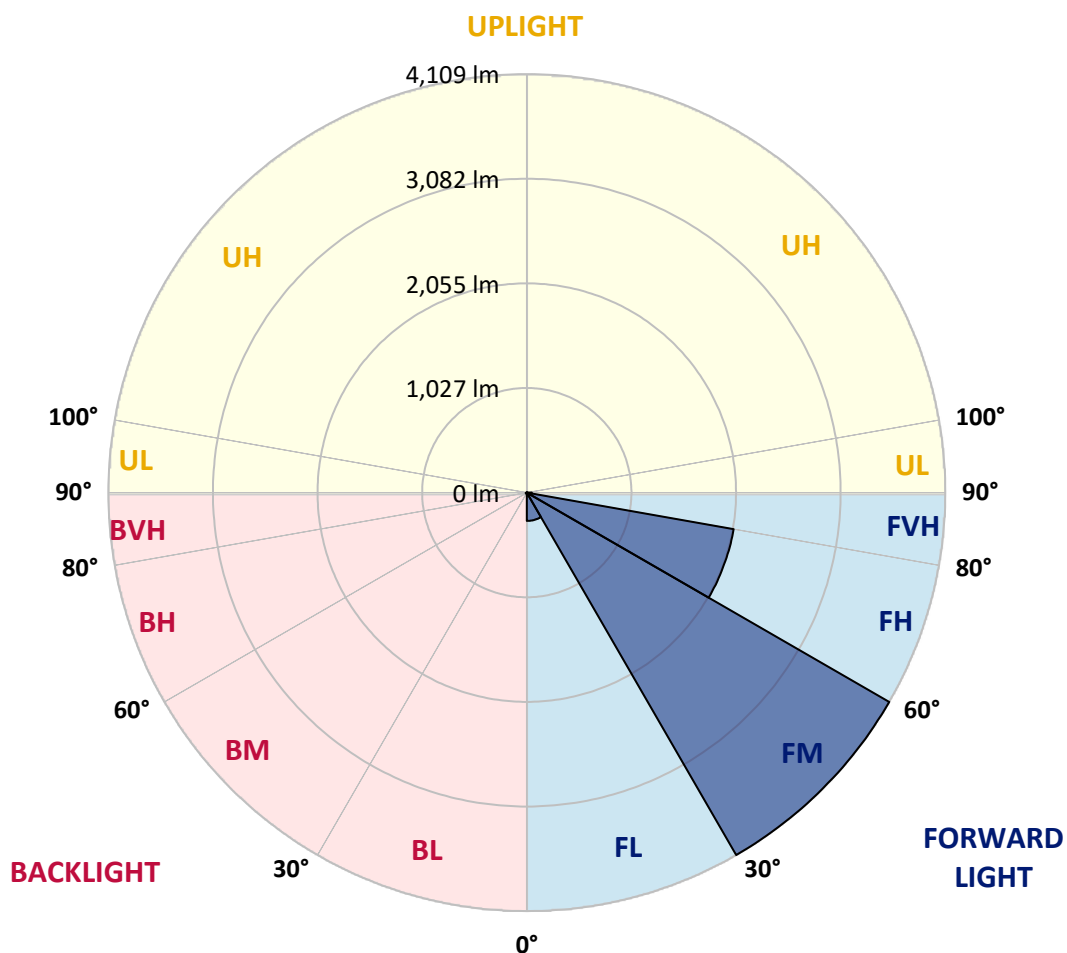
CATALOG NUMBER: NAV-SA2B-722-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	277.6	4.3			
FM	(30°-60°)	4109.1	63.0			
FH	(60°-80°)	2062.3	31.6			G2/5000
FVH	(80°-90°)	49.2	0.8			G1/100
BL	(0°-30°)	5.9	0.1	B0/110		
BM	(30°-60°)	8.8	0.1	B0/220		
BH	(60°-80°)	10.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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: P1067178

CATALOG NUMBER: NAV-SA2B-722-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
2.5°	57.5	57.5	57.5	55.7	53.9	53.9	52.1	50.3	50.3	46.7	44.9
5°	88.0	88.0	84.4	80.8	75.4	68.2	61.1	55.7	55.7	50.3	46.7
7.5°	172.4	177.8	161.6	141.9	114.9	97.0	77.2	64.7	62.9	53.9	46.7
10°	373.6	370.0	344.8	296.3	233.5	168.8	107.8	79.0	75.4	57.5	46.7
12.5°	562.1	567.5	540.6	486.7	411.3	299.9	185.0	102.4	98.8	62.9	46.7
15°	723.8	723.8	705.8	678.9	596.3	479.5	298.1	152.7	140.1	68.2	44.9
17.5°	835.1	833.3	826.2	819.0	770.5	650.2	456.2	244.3	215.5	80.8	44.9
20°	960.9	955.5	964.5	950.1	912.4	817.2	623.2	362.8	335.9	102.4	44.9
22.5°	1092.0	1097.4	1104.5	1090.2	1048.9	966.3	799.2	515.5	486.7	141.9	46.7
25°	1259.0	1255.4	1271.6	1259.0	1206.9	1109.9	964.5	682.5	641.2	197.6	50.3
27.5°	1463.7	1456.6	1467.3	1435.0	1366.8	1268.0	1111.7	853.1	804.6	283.8	57.5
30°	1734.9	1740.3	1691.8	1654.1	1557.1	1426.0	1275.2	1036.3	986.0	386.1	64.7
32.5°	2162.4	2124.7	2049.2	1896.6	1769.1	1602.0	1438.6	1196.1	1151.2	517.2	75.4
35°	2828.7	2835.9	2670.7	2293.5	2016.9	1822.9	1618.2	1372.1	1339.8	666.3	89.8
37.5°	3640.5	3620.7	3475.3	2999.3	2379.7	2097.7	1822.9	1564.3	1517.6	828.0	107.8
40°	4560.1	4477.4	4393.0	4069.8	3135.8	2442.6	2081.6	1787.0	1751.1	1014.7	136.5
42.5°	5296.4	5274.9	5289.2	5154.5	4396.6	3029.9	2424.6	2060.0	2016.9	1246.4	186.8
45°	5659.2	5628.7	5714.9	5815.5	5621.5	4279.9	2977.8	2408.4	2351.0	1519.4	264.0
47.5°	5562.2	5540.7	5725.7	5923.2	6181.9	5729.3	3881.2	2929.3	2830.5	1869.6	379.0
50°	5084.5	5086.3	5389.8	5758.0	6167.5	6463.8	5219.2	3642.3	3518.4	2334.8	558.6
52.5°	4619.3	4633.7	4955.2	5492.2	5953.8	6550.0	6393.8	4603.2	4402.0	2882.6	770.5
55°	4141.6	4148.8	4432.5	5188.7	5853.2	6293.2	6997.2	5840.6	5626.9	3565.1	977.0
57.5°	3681.8	3681.8	3787.8	4459.5	5743.6	6269.9	6925.4	6972.1	6797.9	4344.5	1129.7
60°	2765.8	2783.8	3047.8	3518.4	4953.4	6304.0	6742.2	7333.1	7333.1	5425.7	1246.4
62.5°	1397.3	1424.2	1752.9	2210.9	3398.0	5833.4	6770.9	7151.7	7180.4	6379.4	1512.2
65°	655.5	686.1	862.1	1185.4	1828.3	4105.7	6472.8	6997.2	6988.3	6198.0	2072.6
67.5°	470.6	479.5	538.8	691.5	984.2	1799.6	4940.8	6535.7	6539.3	5265.9	2383.3
70°	422.1	422.1	436.4	481.3	592.7	804.6	2401.3	5292.8	5549.7	4066.2	2209.1
72.5°	416.7	413.1	409.5	411.3	400.5	404.1	824.4	2988.6	3354.9	2844.9	1761.9
75°	405.9	405.9	402.3	389.7	319.7	260.4	283.8	1208.7	1397.3	1900.2	1307.5
77.5°	321.5	353.8	391.5	368.2	292.7	195.8	165.2	350.2	441.8	1165.6	948.3
80°	149.1	150.9	149.1	156.3	186.8	140.1	122.1	170.6	172.4	646.6	587.3
82.5°	107.8	109.6	104.2	93.4	82.6	75.4	100.6	125.7	134.7	296.3	219.1
85°	32.3	30.5	35.9	48.5	57.5	66.5	84.4	106.0	111.4	109.6	32.3
87.5°	14.4	14.4	18.0	25.1	34.1	50.3	73.6	97.0	98.8	113.1	9.0
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°	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
2.5°	44.9	43.1	41.3	39.5	37.7	35.9	34.1	34.1	35.9	35.9	35.9
5°	43.1	41.3	37.7	34.1	32.3	30.5	28.7	28.7	30.5	30.5	30.5
7.5°	43.1	39.5	35.9	32.3	28.7	26.9	25.1	25.1	25.1	26.9	26.9
10°	43.1	39.5	34.1	28.7	25.1	23.3	21.6	19.8	21.6	21.6	21.6
12.5°	41.3	37.7	32.3	26.9	21.6	18.0	16.2	16.2	16.2	16.2	16.2
15°	39.5	35.9	30.5	23.3	18.0	14.4	10.8	10.8	10.8	12.6	12.6
17.5°	37.7	34.1	26.9	18.0	12.6	9.0	7.2	7.2	7.2	9.0	9.0
20°	37.7	32.3	23.3	14.4	9.0	5.4	3.6	3.6	3.6	5.4	7.2
22.5°	37.7	32.3	21.6	10.8	5.4	3.6	1.8	1.8	1.8	1.8	1.8
25°	37.7	30.5	19.8	9.0	3.6	1.8	0.0	0.0	1.8	3.6	5.4
27.5°	37.7	28.7	16.2	5.4	3.6	1.8	0.0	1.8	3.6	3.6	3.6
30°	37.7	28.7	14.4	5.4	1.8	0.0	0.0	1.8	3.6	3.6	5.4
32.5°	39.5	26.9	12.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	41.3	25.1	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	44.9	25.1	7.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	50.3	26.9	7.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	62.9	28.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	88.0	35.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	129.3	53.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	188.6	73.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	231.7	73.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	229.9	46.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	176.0	32.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	149.1	23.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	179.6	18.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	319.7	16.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	513.7	16.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	574.7	16.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	449.0	14.4	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	246.1	12.6	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	123.9	9.0	3.6	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	52.1	7.2	3.6	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0
82.5°	18.0	7.2	3.6	3.6	1.8	1.8	0.0	0.0	0.0	0.0	0.0
85°	9.0	5.4	5.4	3.6	3.6	1.8	1.8	0.0	0.0	0.0	0.0
87.5°	5.4	5.4	5.4	3.6	3.6	1.8	1.8	0.0	0.0	0.0	1.8
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: SP1-2407-184-2

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 $\text{W}^\wedge/\text{nm}$	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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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)