

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: P1067193

Luminaire Tested: **NAV-SA6A-722-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067193
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6A-722-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15466.8 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

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

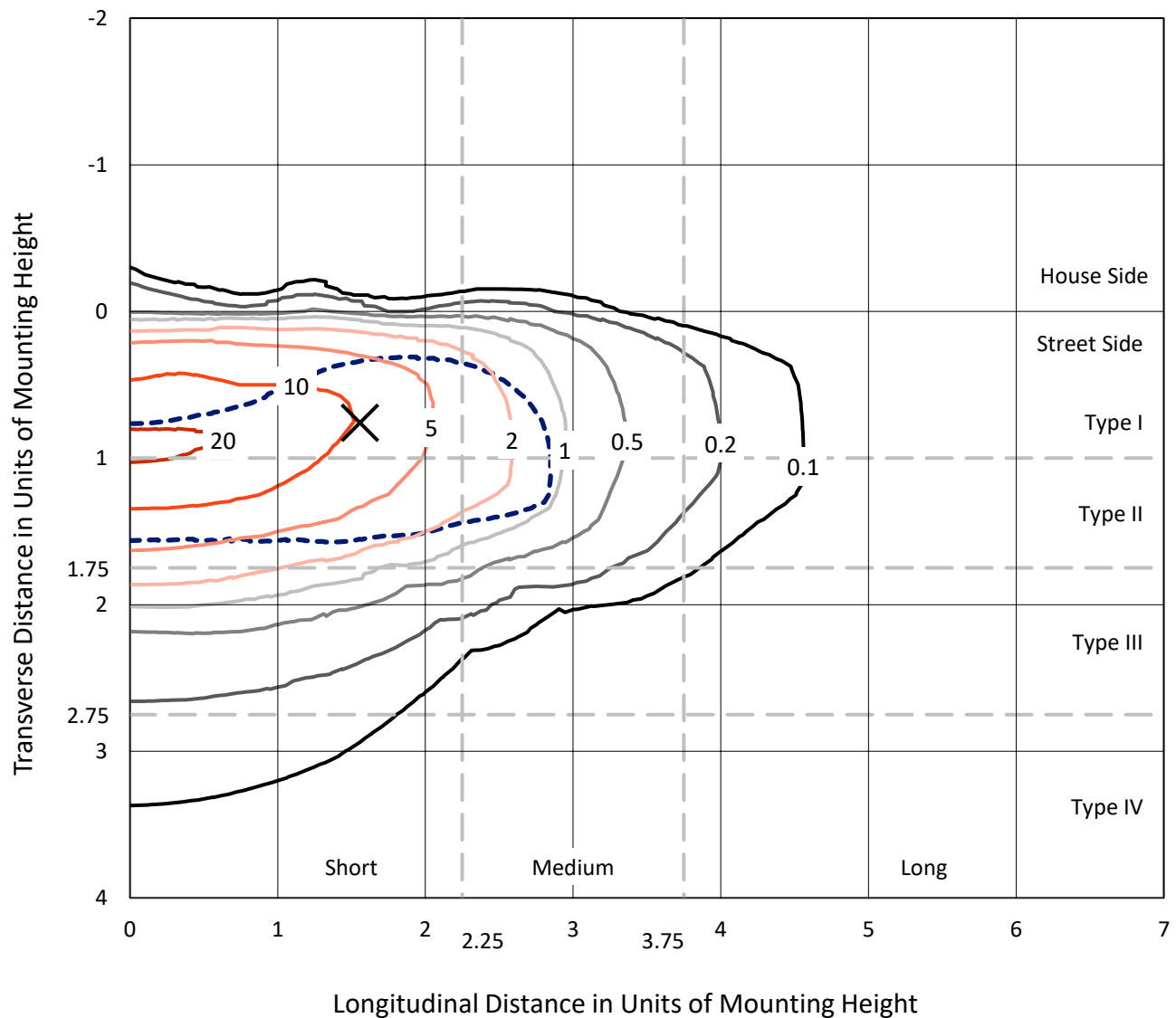


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

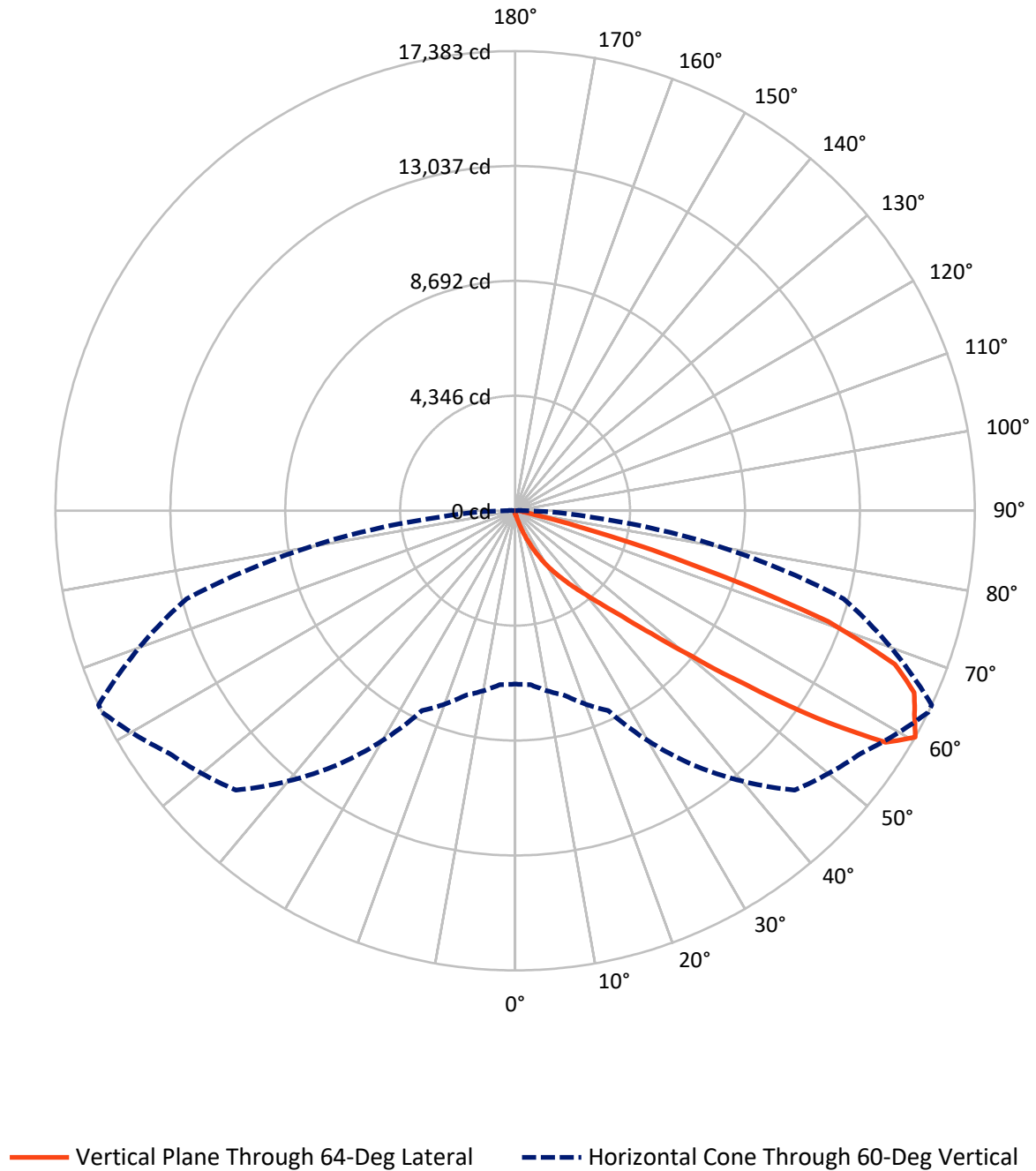


Based on 15 foot mounting height. Maximum calculated value = 22.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	62.7	0.0	62.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15404.1	0.0	15404.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	15466.8	0.0	15466.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.4	0.1
10°-20°	152.0	1.0
20°-30°	504.8	3.3
30°-40°	1347.0	8.7
40°-50°	3423.6	22.1
50°-60°	4990.9	32.3
60°-70°	3855.0	24.9
70°-80°	1058.7	6.8
80°-90°	119.5	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°	15466.8	100.0
0°-180°	15466.8	100.0



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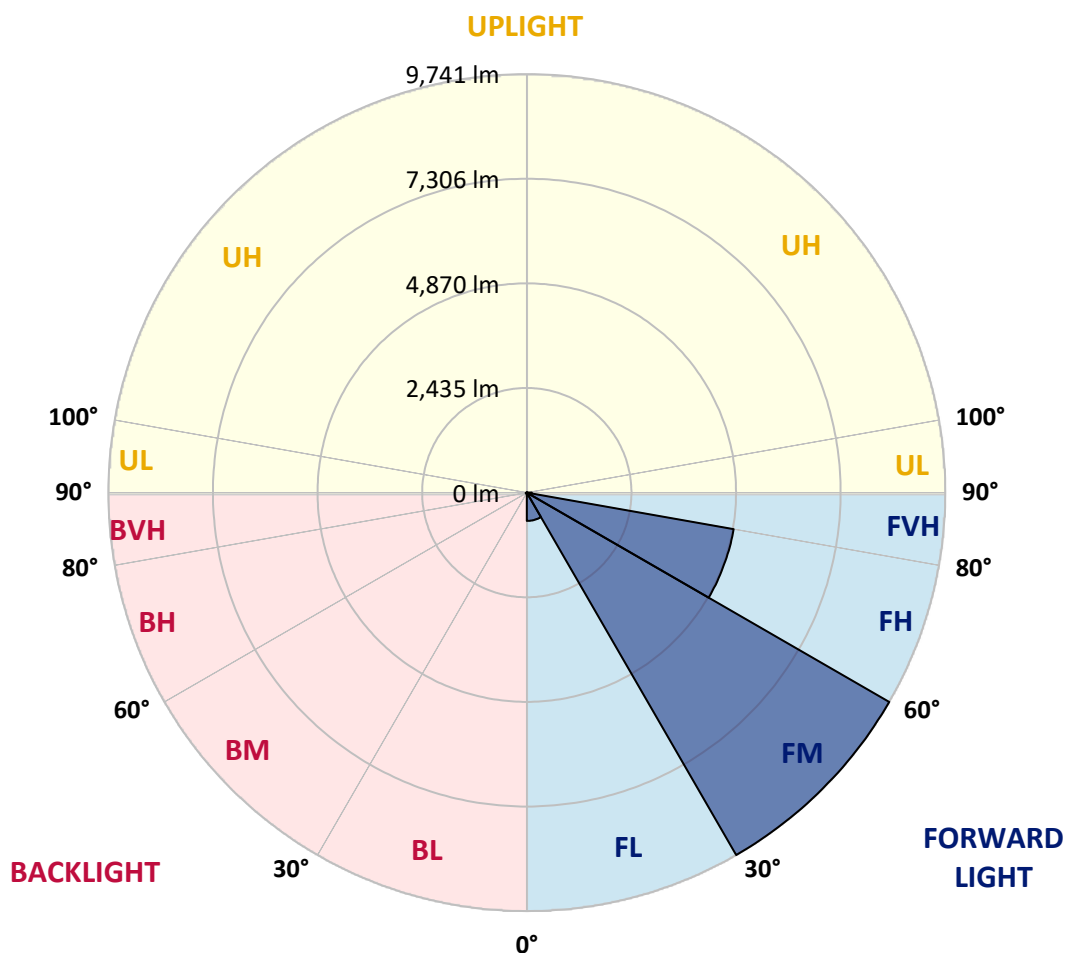
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	658.1	4.3			
FM	(30°-60°)	9740.7	63.0			
FH	(60°-80°)	4888.6	31.6			G2/5000
FVH	(80°-90°)	116.7	0.8			G2/225
BL	(0°-30°)	14.1	0.1	B0/110		
BM	(30°-60°)	20.8	0.1	B0/220		
BH	(60°-80°)	25.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2
2.5°	136.2	136.2	136.2	132.0	127.7	127.7	123.5	119.2	119.2	110.7	106.4
5°	208.6	208.6	200.1	191.6	178.8	161.8	144.8	132.0	132.0	119.2	110.7
7.5°	408.7	421.5	383.2	336.3	272.5	229.9	183.1	153.3	149.0	127.7	110.7
10°	885.6	877.0	817.4	702.5	553.5	400.2	255.4	187.3	178.8	136.2	110.7
12.5°	1332.6	1345.4	1281.5	1153.8	975.0	711.0	438.5	242.7	234.2	149.0	110.7
15°	1715.8	1715.8	1673.2	1609.3	1413.5	1136.7	706.7	361.9	332.1	161.8	106.4
17.5°	1979.7	1975.5	1958.4	1941.4	1826.4	1541.2	1081.4	579.0	510.9	191.6	106.4
20°	2277.7	2265.0	2286.3	2252.2	2162.8	1937.1	1477.3	860.0	796.1	242.7	106.4
22.5°	2588.5	2601.3	2618.3	2584.3	2486.4	2290.5	1894.6	1221.9	1153.8	336.3	110.7
25°	2984.5	2976.0	3014.3	2984.5	2861.0	2631.1	2286.3	1617.8	1519.9	468.3	119.2
27.5°	3469.8	3452.8	3478.3	3401.7	3239.9	3005.8	2635.4	2022.3	1907.3	672.7	136.2
30°	4112.7	4125.5	4010.5	3921.1	3691.2	3380.4	3022.8	2456.6	2337.3	915.4	153.3
32.5°	5126.0	5036.6	4857.8	4495.9	4193.6	3797.6	3410.2	2835.5	2729.0	1226.1	178.8
35°	6705.5	6722.5	6330.8	5436.8	4781.1	4321.3	3836.0	3252.7	3176.1	1579.5	212.9
37.5°	8629.9	8583.0	8238.2	7109.9	5641.1	4972.7	4321.3	3708.2	3597.5	1962.7	255.4
40°	10809.7	10613.8	10413.7	9647.4	7433.5	5790.1	4934.4	4236.2	4151.0	2405.5	323.6
42.5°	12555.2	12504.1	12538.2	12218.9	10422.2	7182.3	5747.6	4883.3	4781.1	2954.7	442.8
45°	13415.2	13342.9	13547.2	13785.6	13325.8	10145.5	7058.9	5709.2	5573.0	3601.8	625.8
47.5°	13185.3	13134.2	13572.8	14041.1	14654.2	13581.3	9200.4	6943.9	6709.7	4432.0	898.3
50°	12052.9	12057.1	12776.6	13649.4	14620.1	15322.6	12372.2	8634.1	8340.4	5534.7	1324.1
52.5°	10950.2	10984.2	11746.3	13019.3	14113.5	15526.9	15156.5	10911.9	10435.0	6833.2	1826.4
55°	9817.7	9834.7	10507.4	12299.8	13875.0	14918.1	16587.0	13845.2	13338.6	8451.0	2316.1
57.5°	8727.8	8727.8	8979.0	10571.3	13615.3	14862.8	16416.7	16527.4	16114.5	10298.8	2677.9
60°	6556.5	6599.1	7224.9	8340.4	11742.1	14943.7	15982.5	17383.2	17383.2	12861.8	2954.7
62.5°	3312.3	3376.2	4155.3	5240.9	8055.1	13828.2	16050.6	16953.2	17021.3	15122.5	3584.8
65°	1554.0	1626.3	2043.6	2809.9	4334.1	9732.5	15343.9	16587.0	16565.8	14692.5	4913.1
67.5°	1115.5	1136.7	1277.2	1639.1	2333.1	4266.0	11712.3	15492.9	15501.4	12482.9	5649.6
70°	1000.5	1000.5	1034.6	1141.0	1405.0	1907.3	5692.2	12546.7	13155.5	9638.9	5236.7
72.5°	987.7	979.2	970.7	975.0	949.4	957.9	1954.2	7084.4	7952.9	6743.8	4176.6
75°	962.2	962.2	953.7	923.9	757.8	617.3	672.7	2865.3	3312.3	4504.4	3099.4
77.5°	762.1	838.7	928.1	872.8	694.0	464.1	391.7	830.2	1047.3	2763.1	2247.9
80°	353.4	357.6	353.4	370.4	442.8	332.1	289.5	404.5	408.7	1532.7	1392.2
82.5°	255.4	259.7	246.9	221.4	195.8	178.8	238.4	298.0	319.3	702.5	519.4
85°	76.6	72.4	85.1	115.0	136.2	157.5	200.1	251.2	264.0	259.7	76.6
87.5°	34.1	34.1	42.6	59.6	80.9	119.2	174.6	229.9	234.2	268.2	21.3
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-722-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2	102.2
2.5°	106.4	102.2	97.9	93.7	89.4	85.1	80.9	80.9	85.1	85.1	85.1
5°	102.2	97.9	89.4	80.9	76.6	72.4	68.1	68.1	72.4	72.4	72.4
7.5°	102.2	93.7	85.1	76.6	68.1	63.9	59.6	59.6	59.6	63.9	63.9
10°	102.2	93.7	80.9	68.1	59.6	55.3	51.1	46.8	51.1	51.1	51.1
12.5°	97.9	89.4	76.6	63.9	51.1	42.6	38.3	38.3	38.3	38.3	38.3
15°	93.7	85.1	72.4	55.3	42.6	34.1	25.5	25.5	25.5	29.8	29.8
17.5°	89.4	80.9	63.9	42.6	29.8	21.3	17.0	17.0	17.0	21.3	21.3
20°	89.4	76.6	55.3	34.1	21.3	12.8	8.5	8.5	8.5	12.8	17.0
22.5°	89.4	76.6	51.1	25.5	12.8	8.5	4.3	4.3	4.3	4.3	4.3
25°	89.4	72.4	46.8	21.3	8.5	4.3	0.0	0.0	4.3	8.5	12.8
27.5°	89.4	68.1	38.3	12.8	8.5	4.3	0.0	4.3	8.5	8.5	8.5
30°	89.4	68.1	34.1	12.8	4.3	0.0	0.0	4.3	8.5	8.5	12.8
32.5°	93.7	63.9	29.8	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	97.9	59.6	25.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	106.4	59.6	17.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	119.2	63.9	17.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	149.0	68.1	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	208.6	85.1	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	306.5	127.7	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	447.0	174.6	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	549.2	174.6	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	545.0	110.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	417.2	76.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	353.4	55.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	425.7	42.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	757.8	38.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1217.6	38.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1362.4	38.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1064.4	34.1	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	583.3	29.8	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	293.8	21.3	8.5	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0
80°	123.5	17.0	8.5	4.3	4.3	4.3	0.0	0.0	0.0	0.0	0.0
82.5°	42.6	17.0	8.5	8.5	4.3	4.3	0.0	0.0	0.0	0.0	0.0
85°	21.3	12.8	12.8	8.5	8.5	4.3	4.3	0.0	0.0	0.0	0.0
87.5°	12.8	12.8	12.8	8.5	8.5	4.3	4.3	0.0	0.0	0.0	4.3
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

REPORT NUMBER: SP1-2407-184-2

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