

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: P1067419

Luminaire Tested: **NAV-SA2C-722-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067419
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2C-722-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 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: 8202.1 lumens
Efficiency: N/A
Efficacy: 85.3 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): 96.2
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

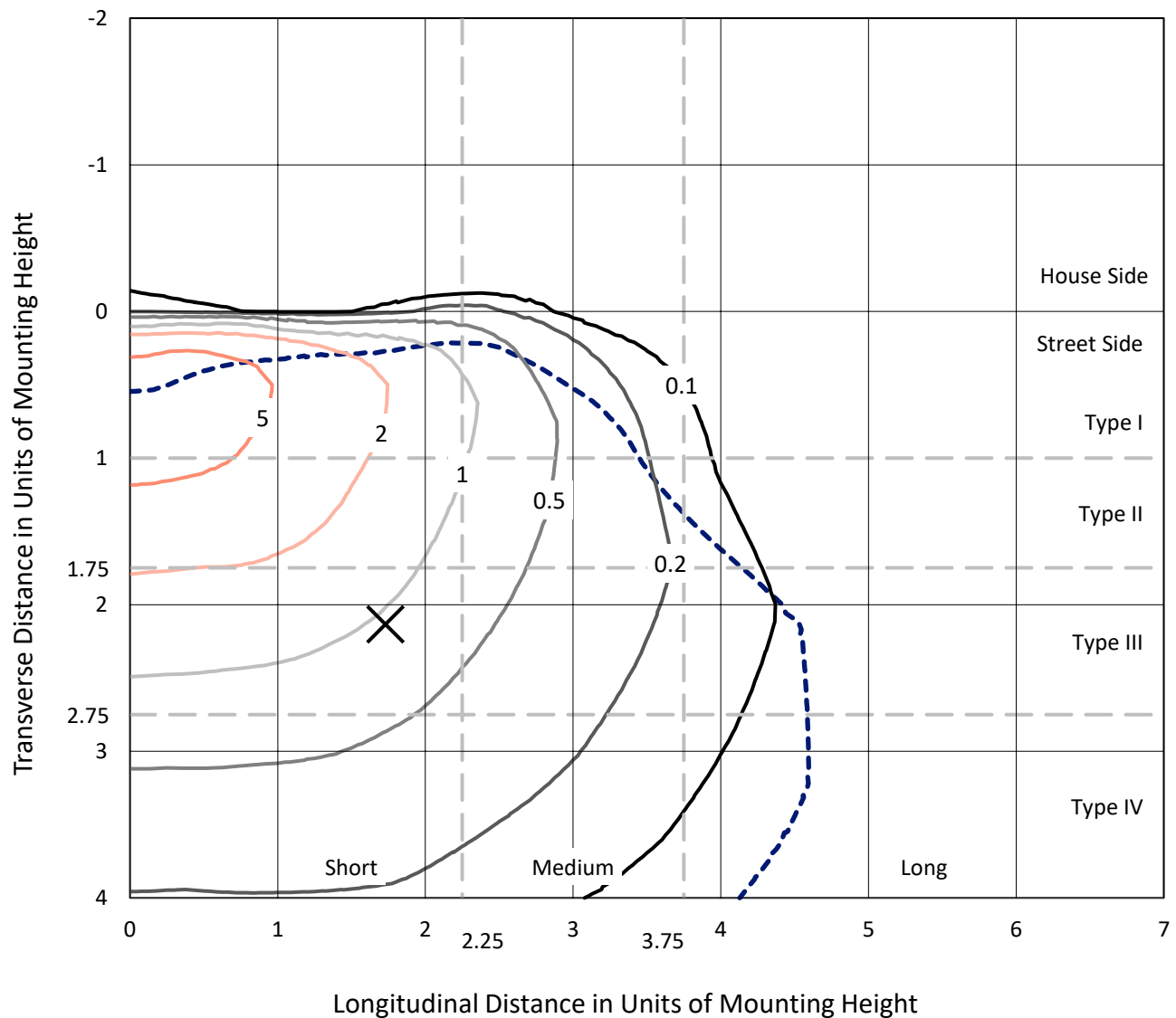


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

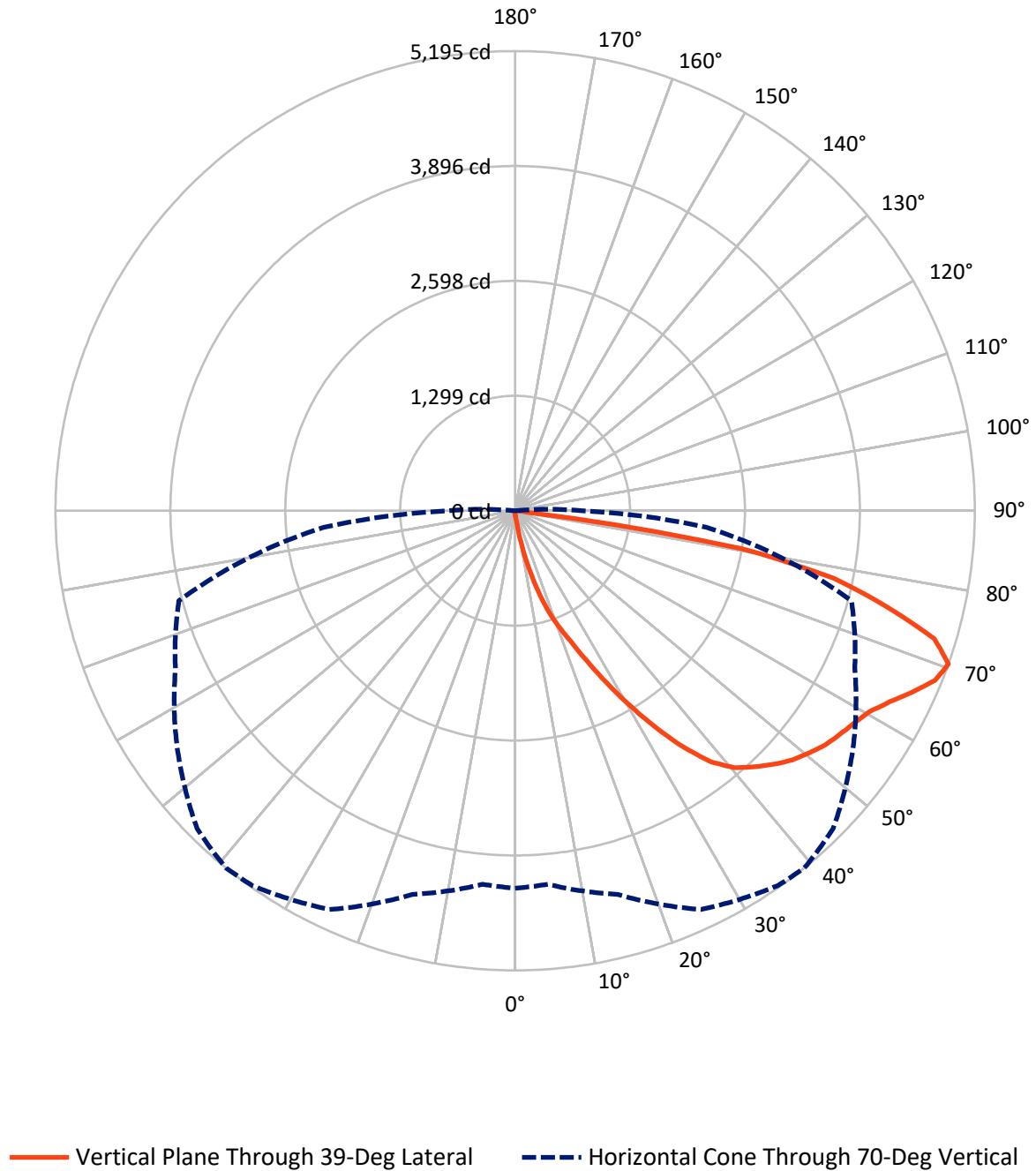


Based on 15 foot mounting height. Maximum calculated value = 8.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	25.3	0.0	25.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	8176.8	0.0	8176.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	8202.1	0.0	8202.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	0.1
10°-20°	100.8	1.2
20°-30°	342.2	4.2
30°-40°	804.2	9.8
40°-50°	1305.8	15.9
50°-60°	1654.7	20.2
60°-70°	2102.0	25.6
70°-80°	1707.8	20.8
80°-90°	175.8	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°	8202.1	100.0
0°-180°	8202.1	100.0



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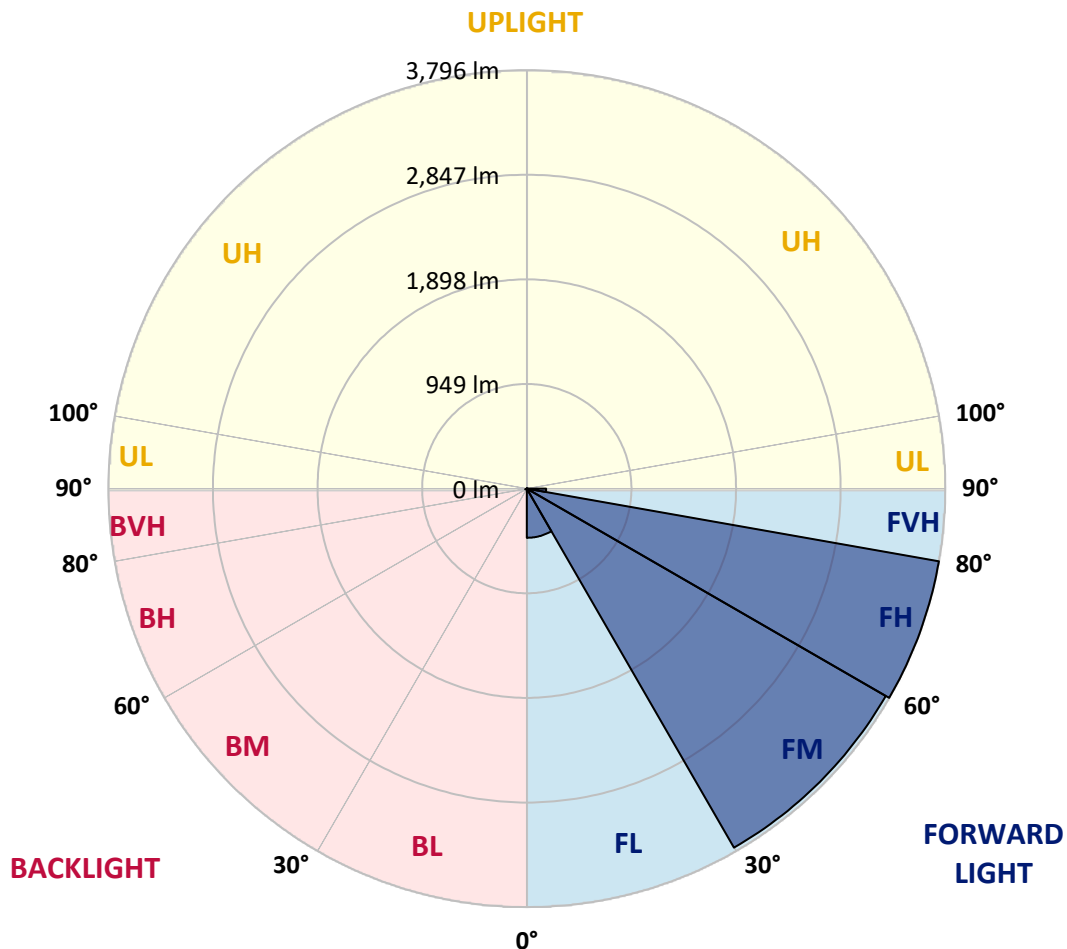
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	446.2	5.4			
FM	(30°-60°)	3759.9	45.8			
FH	(60°-80°)	3795.9	46.3			G2/5000
FVH	(80°-90°)	174.8	2.1			G2/225
BL	(0°-30°)	5.5	0.1	B0/110		
BM	(30°-60°)	4.9	0.1	B0/220		
BH	(60°-80°)	13.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.1	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°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2.5°	57.9	57.9	57.9	55.7	55.7	53.4	53.4	51.2	49.0	49.0	46.8
5°	109.1	111.3	104.7	91.3	82.4	77.9	73.5	62.4	55.7	51.2	46.8
7.5°	298.4	289.5	276.1	231.6	178.1	151.4	129.2	91.3	66.8	53.4	46.8
10°	628.0	603.5	565.6	505.5	400.8	358.5	278.4	167.0	93.5	60.1	46.8
12.5°	921.9	926.4	879.6	821.7	694.8	623.5	514.4	314.0	147.0	71.3	46.8
15°	1144.6	1140.1	1122.3	1075.6	962.0	893.0	795.0	527.8	247.2	89.1	49.0
17.5°	1320.5	1302.7	1296.0	1276.0	1202.5	1164.6	1057.7	777.2	391.9	120.2	51.2
20°	1496.4	1492.0	1485.3	1463.0	1414.0	1387.3	1304.9	1028.8	583.4	171.5	55.7
22.5°	1752.5	1728.0	1732.5	1683.5	1643.4	1596.6	1529.8	1296.0	803.9	245.0	62.4
25°	2053.1	2050.9	2015.3	1993.0	1926.2	1875.0	1785.9	1554.3	1048.8	354.1	69.0
27.5°	2407.2	2382.7	2367.1	2329.3	2260.2	2202.3	2079.9	1810.4	1313.8	476.5	77.9
30°	2776.9	2776.9	2747.9	2690.0	2623.2	2552.0	2427.3	2079.9	1576.6	632.4	89.1
32.5°	3208.9	3217.8	3146.5	3059.7	2972.8	2923.8	2761.3	2384.9	1828.2	810.6	102.4
35°	3627.5	3616.4	3498.4	3402.6	3338.0	3284.6	3146.5	2719.0	2113.3	1017.7	120.2
37.5°	4028.4	3999.4	3803.4	3667.6	3638.7	3603.0	3465.0	3053.0	2396.1	1247.0	142.5
40°	4315.6	4271.1	4068.4	3881.4	3839.1	3819.0	3712.1	3355.8	2694.5	1503.1	171.5
42.5°	4440.3	4389.1	4248.8	4097.4	4003.9	3957.1	3863.6	3603.0	2992.9	1788.2	213.8
45°	4464.8	4424.7	4324.5	4288.9	4162.0	4090.7	3963.8	3778.9	3271.2	2071.0	271.7
47.5°	4375.7	4357.9	4297.8	4373.5	4308.9	4211.0	4057.3	3910.3	3518.4	2413.9	351.8
50°	4157.5	4144.1	4173.1	4371.3	4415.8	4304.5	4159.7	4012.8	3732.2	2768.0	465.4
52.5°	3863.6	3861.3	3997.2	4313.4	4462.6	4393.6	4259.9	4115.2	3901.4	3110.9	625.7
55°	3542.9	3580.8	3819.0	4259.9	4489.3	4458.1	4357.9	4206.5	4052.8	3429.3	884.1
57.5°	3516.2	3500.6	3730.0	4237.7	4504.9	4522.7	4455.9	4302.3	4182.0	3689.9	1229.2
60°	3783.4	3747.8	3834.6	4284.4	4573.9	4605.1	4553.9	4375.7	4311.2	3894.7	1683.5
62.5°	4092.9	4059.5	4104.1	4464.8	4709.8	4754.3	4689.7	4451.5	4415.8	4037.3	2171.2
65°	4340.1	4313.4	4398.0	4734.3	4899.0	4936.9	4892.4	4591.7	4462.6	4153.1	2567.5
67.5°	4380.2	4346.8	4522.7	4914.6	5090.6	5117.3	5081.6	4727.6	4447.0	4162.0	2658.8
70°	4266.6	4237.7	4489.3	4972.5	5172.9	5195.2	5081.6	4663.0	4235.4	3934.8	2173.4
72.5°	3917.0	3939.3	4264.4	4832.2	5059.4	4956.9	4716.4	4337.9	3961.5	3335.8	1525.4
75°	3373.7	3398.2	3830.2	4447.0	4464.8	4340.1	4211.0	3990.5	3545.1	2197.9	1057.7
77.5°	2398.3	2311.5	2957.2	3672.1	3607.5	3687.6	3698.8	3320.2	2968.4	1144.6	708.1
80°	236.0	200.4	371.9	1053.3	2327.0	2600.9	2707.8	2558.6	2189.0	512.2	371.9
82.5°	51.2	51.2	55.7	60.1	93.5	140.3	643.6	1576.6	1414.0	260.5	120.2
85°	28.9	28.9	35.6	42.3	55.7	62.4	73.5	98.0	380.8	93.5	22.3
87.5°	22.3	24.5	28.9	35.6	46.8	51.2	62.4	77.9	95.8	86.8	6.7
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-SA2C-722-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2.5°	46.8	44.5	42.3	40.1	37.9	37.9	35.6	35.6	35.6	35.6	35.6
5°	44.5	42.3	40.1	35.6	33.4	31.2	28.9	28.9	28.9	28.9	28.9
7.5°	44.5	42.3	37.9	33.4	28.9	26.7	24.5	22.3	22.3	24.5	24.5
10°	44.5	40.1	33.4	28.9	24.5	22.3	20.0	17.8	17.8	17.8	17.8
12.5°	42.3	37.9	31.2	26.7	22.3	17.8	13.4	11.1	11.1	11.1	11.1
15°	40.1	35.6	28.9	22.3	15.6	11.1	8.9	6.7	6.7	6.7	6.7
17.5°	40.1	33.4	26.7	20.0	11.1	6.7	4.5	2.2	2.2	2.2	4.5
20°	40.1	33.4	24.5	15.6	6.7	4.5	4.5	2.2	0.0	2.2	2.2
22.5°	40.1	31.2	20.0	11.1	6.7	4.5	2.2	0.0	0.0	0.0	0.0
25°	42.3	31.2	17.8	8.9	4.5	2.2	0.0	0.0	0.0	0.0	0.0
27.5°	42.3	28.9	15.6	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0
30°	44.5	28.9	13.4	4.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	44.5	26.7	8.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	44.5	24.5	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	44.5	22.3	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	46.8	20.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	49.0	17.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	51.2	15.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	57.9	15.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	66.8	15.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	80.2	15.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	104.7	13.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	151.4	13.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	253.9	13.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	445.4	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	752.7	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	982.0	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	746.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	356.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	158.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	69.0	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	26.7	4.5	2.2	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0
82.5°	11.1	4.5	2.2	2.2	2.2	2.2	2.2	0.0	0.0	0.0	0.0
85°	6.7	4.5	4.5	4.5	2.2	2.2	2.2	0.0	0.0	0.0	0.0
87.5°	4.5	4.5	4.5	4.5	4.5	2.2	2.2	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

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 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)