

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: P1067104

Luminaire Tested: **NAV-SA1D-830-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067104
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1D-830-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 1xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5279.6 lumens
Efficiency: N/A
Efficacy: 93.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 56.5
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

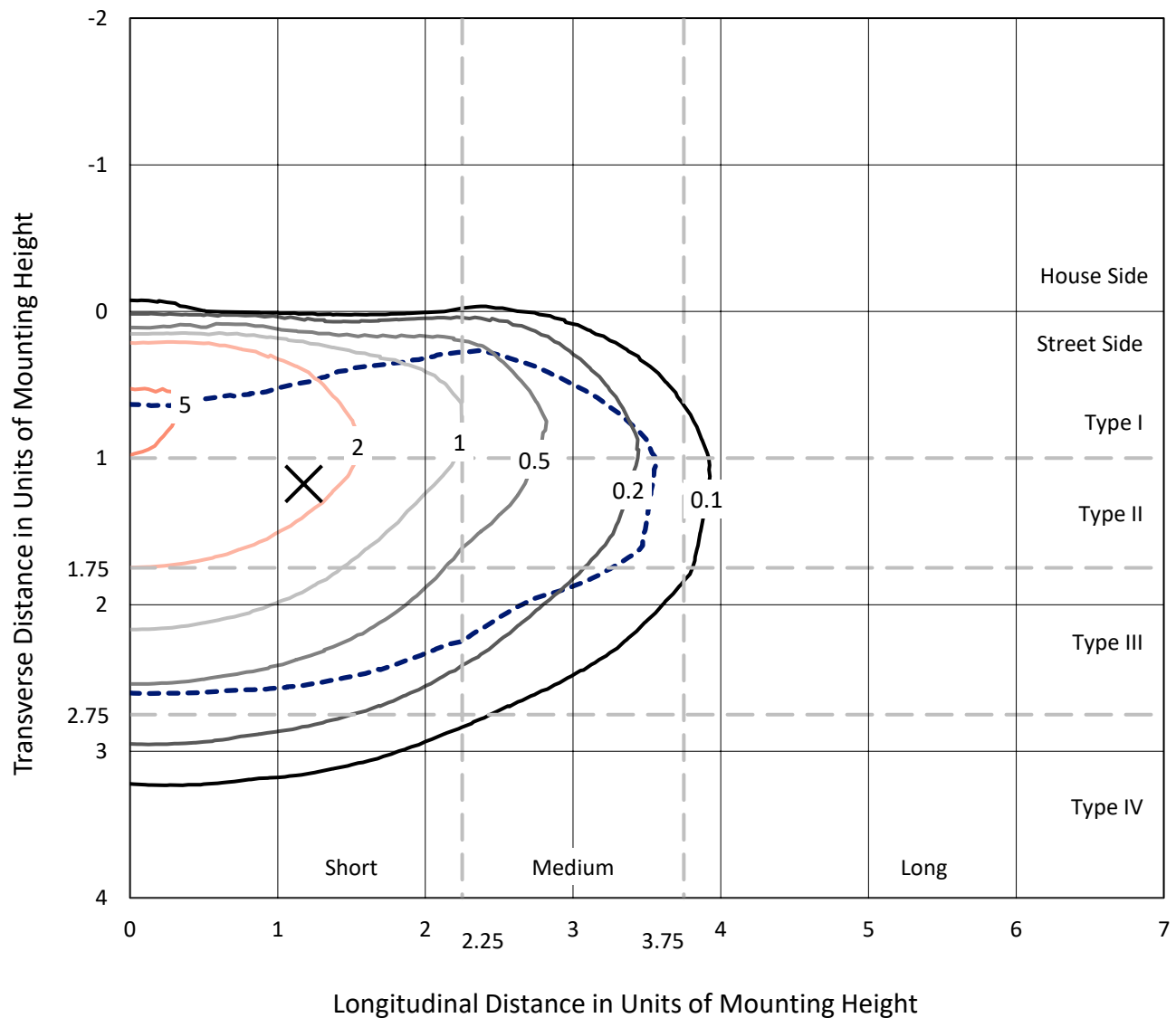


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

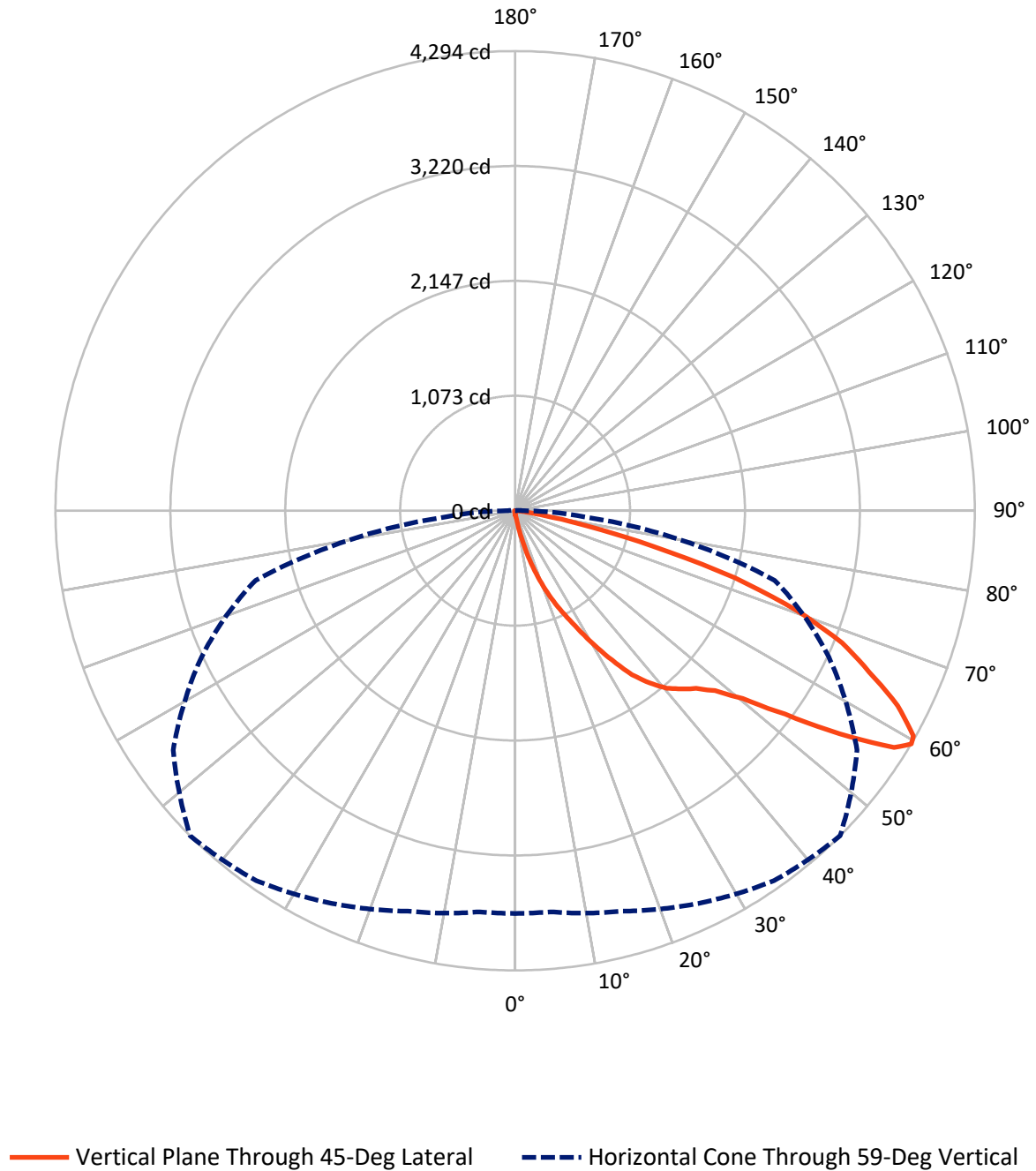


Based on 15 foot mounting height. Maximum calculated value = 5.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	18.8	0.0	18.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5260.9	0.0	5260.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	5279.6	0.0	5279.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.9	0.1
10°-20°	58.4	1.1
20°-30°	209.7	4.0
30°-40°	487.2	9.2
40°-50°	830.5	15.7
50°-60°	1368.4	25.9
60°-70°	1582.1	30.0
70°-80°	679.7	12.9
80°-90°	58.7	1.1
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°	5279.6	100.0
0°-180°	5279.6	100.0



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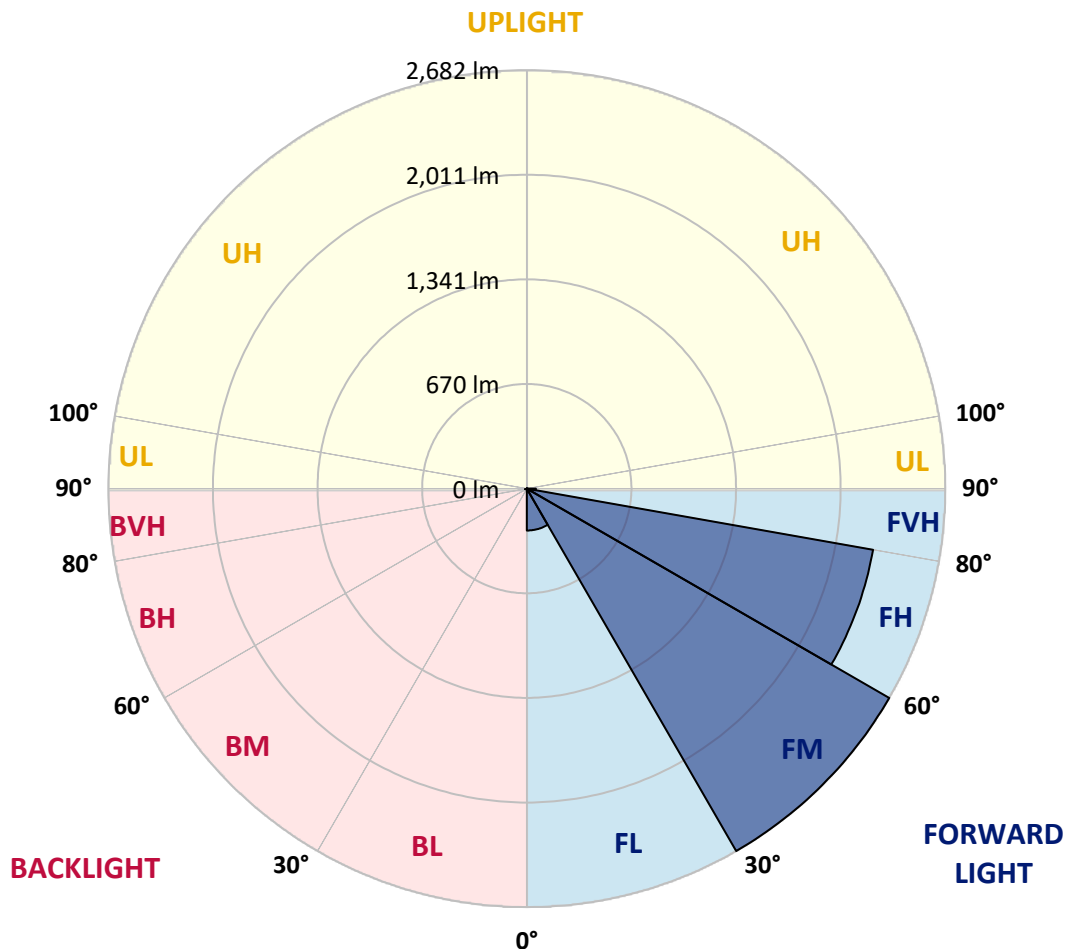
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	268.3	5.1			
FM	(30°-60°)	2681.5	50.8			
FH	(60°-80°)	2253.1	42.7			G2/5000
FVH	(80°-90°)	58.0	1.1			G1/100
BL	(0°-30°)	4.6	0.1	B0/110		
BM	(30°-60°)	4.5	0.1	B0/220		
BH	(60°-80°)	8.8	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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 III Short



REPORT NUMBER: P1067104

CATALOG NUMBER: NAV-SA1D-830-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
2.5°	43.3	43.3	42.2	40.8	40.5	39.4	39.4	38.3	36.9	35.9	34.4
5°	62.8	62.5	59.6	56.1	51.5	48.6	48.6	44.7	41.2	38.0	35.1
7.5°	137.4	134.2	123.9	106.9	84.5	69.6	68.5	55.7	47.2	40.8	35.5
10°	315.2	304.2	289.7	248.9	183.9	128.5	126.0	81.3	56.4	44.0	36.2
12.5°	516.5	525.4	496.3	432.0	356.1	264.8	247.1	137.0	74.6	48.3	36.9
15°	699.7	697.6	681.2	628.7	541.0	419.6	408.6	238.2	106.9	55.0	37.6
17.5°	836.7	834.3	818.6	784.9	717.5	596.0	586.5	379.9	167.6	64.6	38.3
20°	981.2	978.0	956.0	929.0	870.1	766.8	755.4	538.2	262.3	80.2	38.3
22.5°	1154.5	1148.4	1125.0	1079.2	1017.1	927.3	917.0	700.1	379.9	105.8	40.1
25°	1363.9	1353.6	1321.3	1280.1	1205.2	1086.0	1074.9	880.4	521.5	144.5	41.9
27.5°	1602.8	1604.6	1560.9	1491.4	1390.9	1269.1	1248.5	1041.9	668.1	199.9	44.0
30°	1886.5	1868.7	1807.3	1726.4	1628.8	1473.6	1453.7	1202.7	832.8	281.5	47.6
32.5°	2152.0	2132.9	2050.1	1948.3	1843.5	1679.9	1663.5	1383.4	982.6	378.1	54.0
35°	2379.9	2366.4	2250.7	2126.5	2033.5	1887.2	1882.2	1585.1	1158.7	482.1	61.1
37.5°	2580.5	2556.0	2407.3	2278.4	2184.0	2053.0	2042.3	1769.7	1328.4	602.8	71.7
40°	2751.6	2738.1	2556.7	2387.4	2310.7	2193.6	2180.1	1931.6	1503.8	743.0	84.8
42.5°	2934.8	2917.1	2741.0	2551.0	2409.8	2284.4	2275.6	2065.0	1660.0	897.1	104.4
45°	3141.8	3108.8	2954.3	2783.9	2569.2	2378.5	2368.6	2184.0	1820.1	1062.5	128.2
47.5°	3362.9	3334.2	3209.2	3089.6	2842.5	2533.7	2512.4	2285.2	1979.1	1253.5	158.3
50°	3588.0	3588.7	3495.0	3437.5	3176.6	2785.7	2755.5	2433.9	2146.3	1458.0	203.1
52.5°	3850.0	3856.7	3855.3	3812.7	3610.4	3197.9	3157.4	2659.7	2340.5	1696.6	264.8
55°	3959.7	3971.8	4050.2	4144.7	4089.6	3720.4	3677.1	3049.1	2597.9	1962.5	356.4
57.5°	3869.9	3883.4	3991.6	4157.1	4283.5	4178.0	4173.1	3556.1	2936.9	2284.8	506.2
59°	3763.0	3761.2	3872.4	4047.7	4218.1	4286.7	4293.8	3899.0	3232.3	2510.9	635.5
60°	3692.0	3693.4	3767.3	3947.3	4128.3	4247.2	4274.9	4101.0	3404.8	2673.5	746.2
62.5°	3418.0	3434.3	3492.9	3660.1	3831.9	3964.7	4011.9	4281.0	3898.6	3057.6	1131.4
65°	3120.1	3121.2	3204.6	3347.7	3512.4	3605.8	3635.6	4000.9	4228.4	3448.8	1636.6
67.5°	2588.7	2610.3	2705.1	2936.9	3154.6	3272.8	3295.5	3482.6	4091.8	3703.7	1889.7
70°	1811.6	1840.0	1975.2	2275.9	2600.0	2794.2	2792.8	2895.0	3601.1	3590.1	1602.1
72.5°	904.5	953.5	1063.9	1385.9	1778.6	2083.5	2147.8	2328.8	2892.9	2982.0	1195.3
75°	399.7	402.6	465.4	627.6	884.0	1271.3	1328.8	1848.5	2219.5	2072.5	863.4
77.5°	232.5	234.7	246.0	281.9	358.2	623.0	687.6	1212.3	1568.4	1204.5	563.0
80°	84.5	86.6	86.3	106.9	156.9	245.3	273.4	587.5	1046.2	634.4	295.0
82.5°	51.8	51.8	50.1	50.4	57.2	94.1	103.0	250.3	509.4	312.4	84.5
85°	25.6	27.0	28.8	32.3	38.3	46.5	49.3	71.7	171.5	75.6	20.2
87.5°	15.3	15.6	17.0	20.6	25.6	33.4	35.5	48.6	61.4	50.8	5.0
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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CATALOG NUMBER: NAV-SA1D-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
2.5°	33.7	33.4	31.6	30.2	28.8	27.3	26.3	25.2	25.2	25.6	25.2
5°	33.7	32.3	29.5	27.0	24.9	23.1	21.3	19.9	19.5	19.5	19.9
7.5°	33.4	31.6	27.7	24.5	21.7	19.2	17.4	15.6	15.3	15.6	15.3
10°	33.0	30.9	26.3	22.4	18.5	16.0	13.5	11.7	11.7	11.7	12.1
12.5°	33.0	29.8	24.9	20.2	16.0	13.1	10.7	8.9	8.5	8.5	8.5
15°	32.7	29.1	23.4	17.8	13.5	9.9	7.8	6.0	6.0	6.0	6.0
17.5°	32.0	28.0	21.7	15.6	10.7	7.5	5.3	3.6	3.6	4.3	4.3
20°	31.2	27.0	19.5	12.8	8.9	5.7	3.6	2.1	2.1	3.2	3.6
22.5°	31.6	27.0	18.1	11.4	7.1	4.3	2.8	1.8	1.4	2.5	3.2
25°	32.0	26.3	16.3	9.9	5.3	3.2	2.1	0.7	0.4	0.7	1.1
27.5°	32.0	25.6	14.2	7.8	3.9	2.5	1.1	0.0	0.0	0.0	0.0
30°	31.6	24.5	12.4	6.4	2.8	1.4	0.4	0.0	0.0	0.0	0.0
32.5°	31.2	23.4	11.4	5.0	2.5	0.7	0.0	0.0	0.0	0.0	0.0
35°	31.6	22.0	9.9	3.9	1.4	0.0	0.0	0.0	0.0	0.0	0.7
37.5°	32.7	20.6	8.5	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	34.1	19.5	7.1	2.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	36.9	19.5	6.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	40.5	19.5	5.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	45.1	19.9	4.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	50.8	20.6	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	55.0	19.9	3.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	62.5	19.2	3.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	72.4	18.1	3.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	82.4	16.7	3.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	93.7	16.0	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	154.8	14.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	298.9	13.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	483.2	13.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	508.0	13.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	338.0	11.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	181.1	9.9	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	97.6	9.2	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	43.0	6.7	1.8	1.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	17.0	4.6	2.1	1.8	1.4	0.7	0.0	0.0	0.0	0.0	0.0
85°	8.2	3.6	2.8	2.5	1.8	1.1	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	3.6	3.2	2.8	2.5	1.8	0.4	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

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 3000K 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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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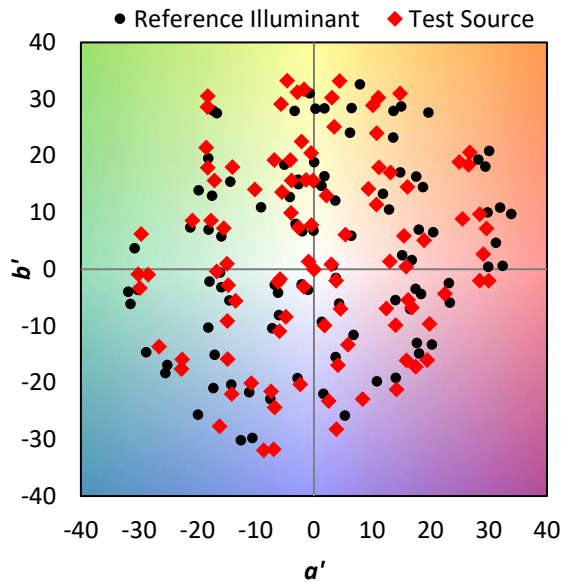
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)