

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: P1067141

Luminaire Tested: **NAV-SA5A-835-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067141
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5A-835-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16242.1 lumens
Efficiency: N/A
Efficacy: 118.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 137.4
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

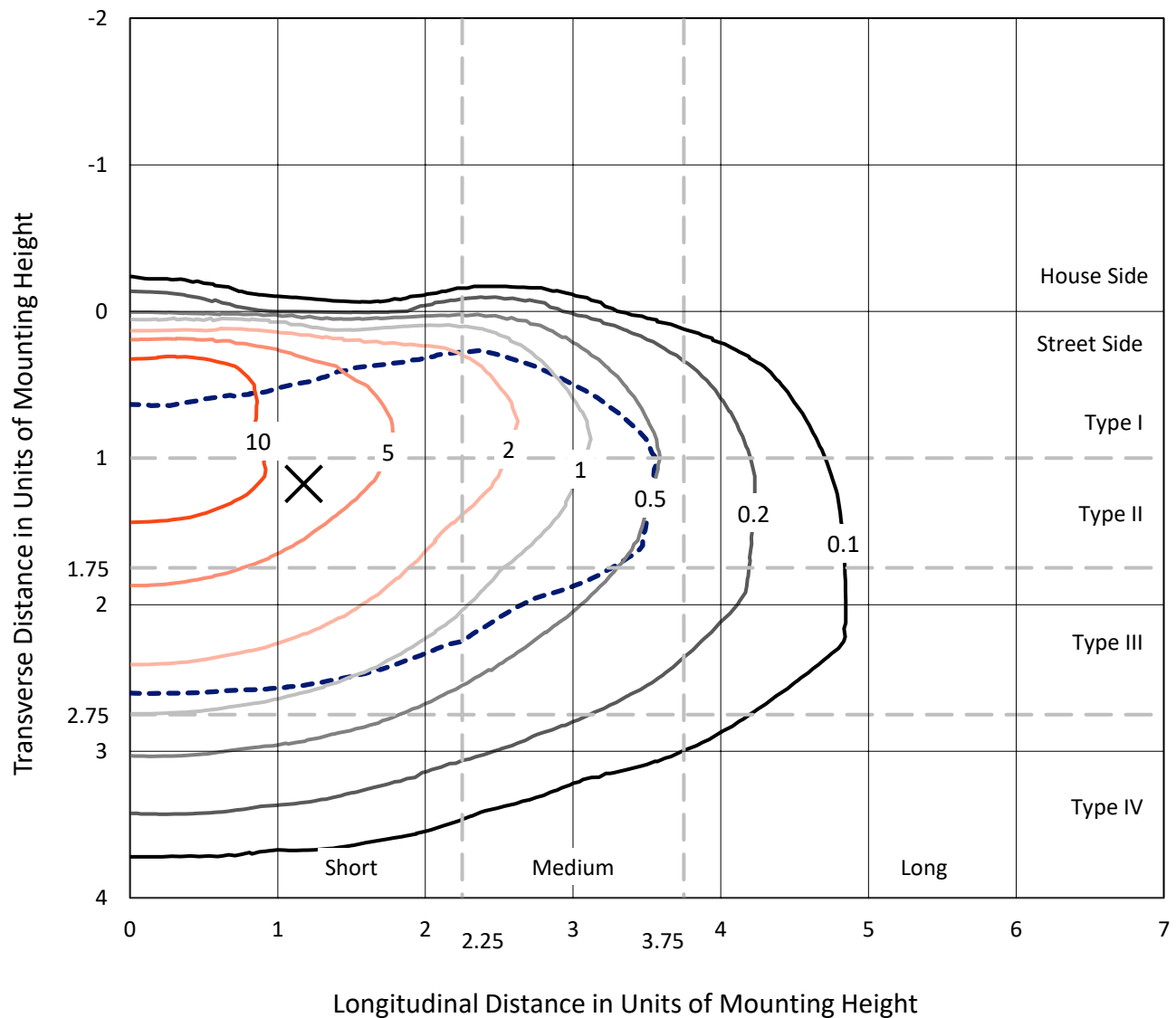


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

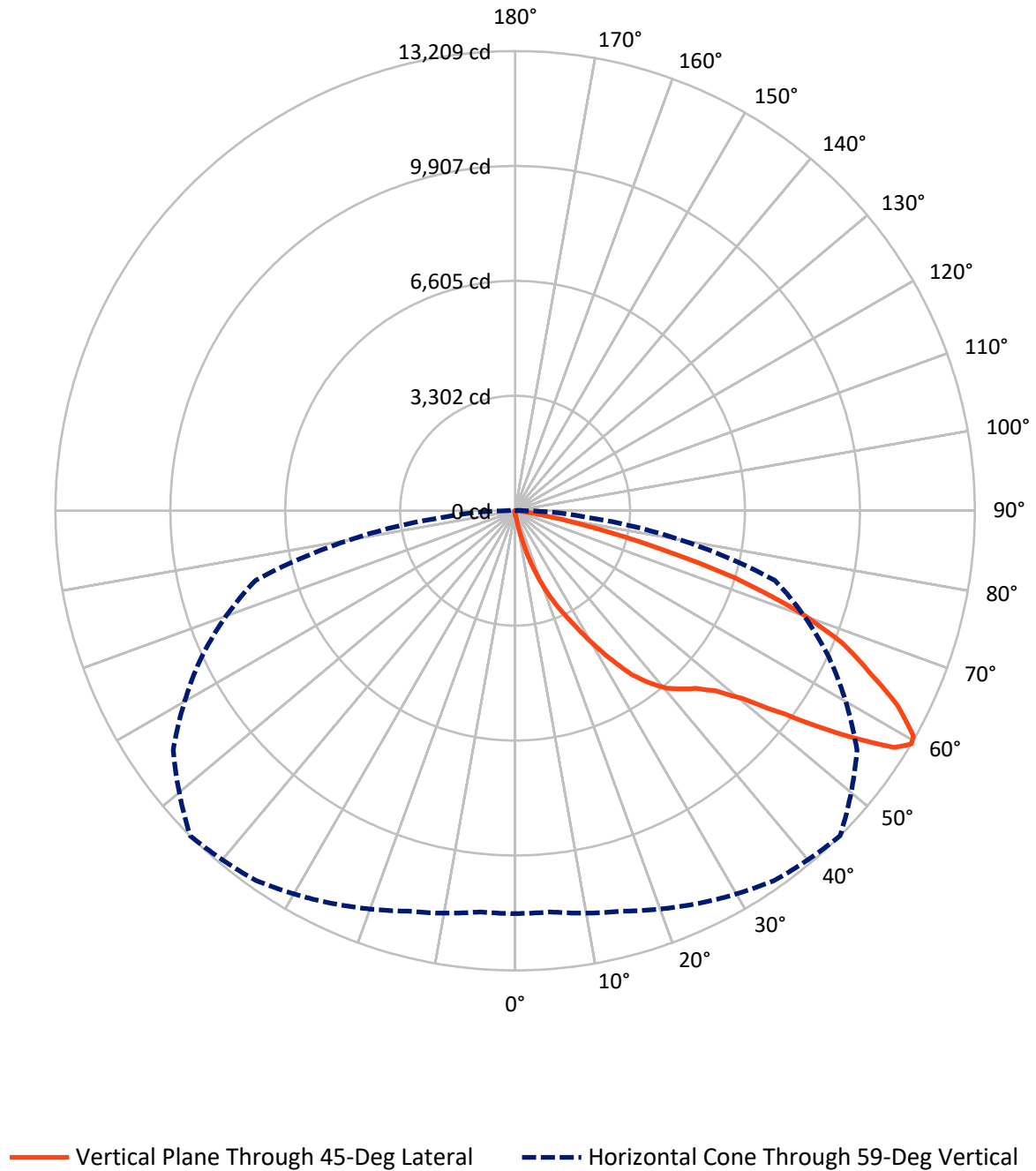


Based on 15 foot mounting height. Maximum calculated value = 17.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	57.7	0.0	57.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16184.4	0.0	16184.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	16242.1	0.0	16242.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.1	0.1
10°-20°	179.5	1.1
20°-30°	645.1	4.0
30°-40°	1498.9	9.2
40°-50°	2554.8	15.7
50°-60°	4209.6	25.9
60°-70°	4867.3	30.0
70°-80°	2091.1	12.9
80°-90°	180.7	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°	16242.1	100.0
0°-180°	16242.1	100.0



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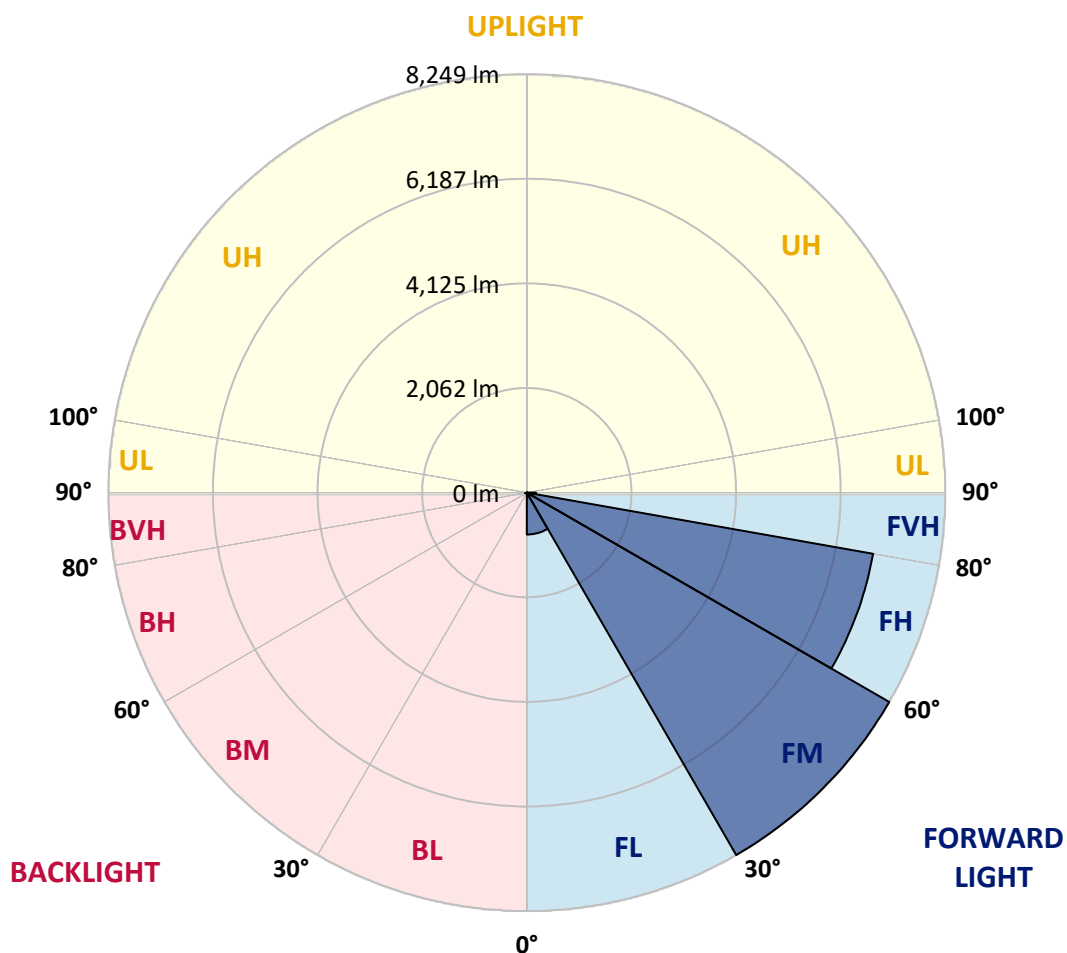
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	825.4	5.1			
FM	(30°-60°)	8249.4	50.8			
FH	(60°-80°)	6931.3	42.7			G3/7500
FVH	(80°-90°)	178.3	1.1			G2/225
BL	(0°-30°)	14.2	0.1	B0/110		
BM	(30°-60°)	14.0	0.1	B0/220		
BH	(60°-80°)	27.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7
2.5°	133.2	133.2	130.0	125.6	124.5	121.2	121.2	117.9	113.6	110.3	105.9
5°	193.3	192.2	183.5	172.6	158.4	149.6	149.6	137.6	126.7	116.9	108.1
7.5°	422.7	412.8	381.2	328.7	259.9	214.1	210.8	171.5	145.3	125.6	109.2
10°	969.8	935.9	891.2	765.6	565.7	395.3	387.7	250.1	173.6	135.4	111.4
12.5°	1589.0	1616.3	1526.8	1329.1	1095.4	814.7	760.1	421.6	229.3	148.5	113.6
15°	2152.6	2146.0	2095.8	1934.1	1664.4	1290.9	1257.0	732.8	328.7	169.3	115.8
17.5°	2574.1	2566.5	2518.4	2414.7	2207.2	1833.7	1804.2	1168.6	515.5	198.8	117.9
20°	3018.6	3008.8	2941.1	2858.1	2676.8	2359.0	2324.0	1655.7	807.1	246.8	117.9
22.5°	3551.6	3533.0	3460.9	3320.1	3128.9	2852.6	2821.0	2153.7	1168.6	325.5	123.4
25°	4195.9	4164.3	4064.9	3938.2	3707.8	3340.8	3306.9	2708.5	1604.3	444.5	128.9
27.5°	4930.9	4936.4	4802.1	4588.0	4278.9	3904.3	3841.0	3205.4	2055.4	614.9	135.4
30°	5803.5	5748.9	5560.0	5311.0	5010.7	4533.4	4472.2	3700.1	2562.1	866.1	146.3
32.5°	6620.4	6561.5	6307.0	5993.6	5671.4	5167.9	5117.7	4256.0	3023.0	1163.1	166.0
35°	7321.6	7280.1	6924.1	6541.8	6255.7	5805.7	5790.4	4876.3	3564.7	1483.1	187.8
37.5°	7938.6	7863.3	7405.7	7009.2	6718.7	6315.7	6283.0	5444.2	4086.7	1854.4	220.6
40°	8465.0	8423.5	7865.5	7344.5	7108.6	6748.2	6706.7	5942.2	4626.2	2285.8	261.0
42.5°	9028.6	8974.0	8432.3	7848.0	7413.3	7027.8	7000.5	6352.9	5106.8	2759.8	321.1
45°	9665.3	9563.7	9088.6	8564.4	7903.7	7317.2	7286.6	6718.7	5599.3	3268.7	394.3
47.5°	10345.7	10257.2	9872.8	9504.7	8744.6	7794.5	7728.9	7030.0	6088.6	3856.3	487.1
50°	11038.1	11040.3	10751.9	10575.0	9772.3	8569.9	8477.1	7487.6	6603.0	4485.3	624.7
52.5°	11844.1	11864.8	11860.4	11729.4	11106.9	9837.8	9713.3	8182.2	7200.4	5219.3	814.7
55°	12181.5	12218.7	12460.0	12750.5	12581.2	11445.4	11312.2	9380.2	7992.1	6037.3	1096.5
57.5°	11905.2	11946.7	12279.8	12788.7	13177.5	12853.2	12837.9	10939.8	9035.1	7028.9	1557.4
59°	11576.5	11571.0	11912.9	12452.4	12976.6	13187.4	13209.2	11994.8	9943.8	7724.6	1954.9
60°	11358.1	11362.4	11589.6	12143.3	12700.3	13066.1	13151.3	12616.2	10474.5	8224.8	2295.6
62.5°	10515.0	10565.2	10745.4	11259.8	11788.4	12196.8	12342.1	13169.9	11993.7	9406.4	3480.6
65°	9598.7	9601.9	9858.6	10298.7	10805.5	11092.7	11184.4	12308.2	13008.3	10610.0	5034.7
67.5°	7963.8	8030.4	8322.0	9035.1	9704.6	10068.3	10138.2	10713.7	12587.8	11394.1	5813.4
70°	5573.1	5660.5	6076.6	7001.6	7998.7	8596.1	8591.7	8906.3	11078.5	11044.6	4928.7
72.5°	2782.7	2933.4	3273.1	4263.6	5471.5	6409.7	6607.3	7164.3	8899.7	9173.8	3677.2
75°	1229.7	1238.5	1431.8	1930.9	2719.4	3910.9	4087.8	5686.7	6827.9	6375.8	2656.0
77.5°	715.3	721.9	756.8	867.1	1102.0	1916.7	2115.4	3729.6	4825.0	3705.6	1732.1
80°	259.9	266.5	265.4	328.7	482.7	754.7	840.9	1807.5	3218.5	1951.6	907.6
82.5°	159.4	159.4	154.0	155.1	175.8	289.4	316.7	769.9	1567.2	961.1	259.9
85°	78.6	83.0	88.5	99.4	117.9	143.1	151.8	220.6	527.5	232.6	62.3
87.5°	47.0	48.1	52.4	63.3	78.6	102.7	109.2	149.6	188.9	156.2	15.3
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-SA5A-835-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7
2.5°	103.8	102.7	97.2	92.8	88.5	84.1	80.8	77.5	77.5	78.6	77.5
5°	103.8	99.4	90.6	83.0	76.4	71.0	65.5	61.2	60.1	60.1	61.2
7.5°	102.7	97.2	85.2	75.4	66.6	59.0	53.5	48.1	47.0	48.1	47.0
10°	101.6	95.0	80.8	68.8	56.8	49.1	41.5	36.0	36.0	36.0	37.1
12.5°	101.6	91.7	76.4	62.3	49.1	40.4	32.8	27.3	26.2	26.2	26.2
15°	100.5	89.6	72.1	54.6	41.5	30.6	24.0	18.6	18.6	18.6	18.6
17.5°	98.3	86.3	66.6	48.1	32.8	22.9	16.4	10.9	10.9	13.1	13.1
20°	96.1	83.0	60.1	39.3	27.3	17.5	10.9	6.6	6.6	9.8	10.9
22.5°	97.2	83.0	55.7	34.9	21.8	13.1	8.7	5.5	4.4	7.6	9.8
25°	98.3	80.8	50.2	30.6	16.4	9.8	6.6	2.2	1.1	2.2	3.3
27.5°	98.3	78.6	43.7	24.0	12.0	7.6	3.3	0.0	0.0	0.0	0.0
30°	97.2	75.4	38.2	19.7	8.7	4.4	1.1	0.0	0.0	0.0	0.0
32.5°	96.1	72.1	34.9	15.3	7.6	2.2	0.0	0.0	0.0	0.0	0.0
35°	97.2	67.7	30.6	12.0	4.4	0.0	0.0	0.0	0.0	0.0	2.2
37.5°	100.5	63.3	26.2	9.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	104.8	60.1	21.8	7.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	113.6	60.1	19.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	124.5	60.1	16.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	138.7	61.2	14.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	156.2	63.3	13.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	169.3	61.2	12.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	192.2	59.0	10.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	222.8	55.7	10.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	253.4	51.3	10.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	288.3	49.1	9.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	476.2	43.7	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	919.6	41.5	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1486.4	41.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1562.8	41.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1039.7	33.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	557.0	30.6	3.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	300.3	28.4	4.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	132.1	20.8	5.5	3.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	52.4	14.2	6.6	5.5	4.4	2.2	0.0	0.0	0.0	0.0	0.0
85°	25.1	10.9	8.7	7.6	5.5	3.3	0.0	0.0	0.0	0.0	0.0
87.5°	12.0	10.9	9.8	8.7	7.6	5.5	1.1	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

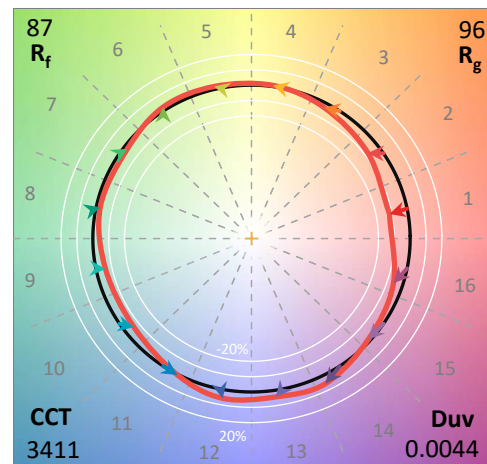
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

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 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$



Color Vector Graphics



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

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)