

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: P1067557

Luminaire Tested: **NAV-SA1A-827-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067557
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1A-827-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2708.3 lumens
Efficiency: N/A
Efficacy: 92.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.2
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

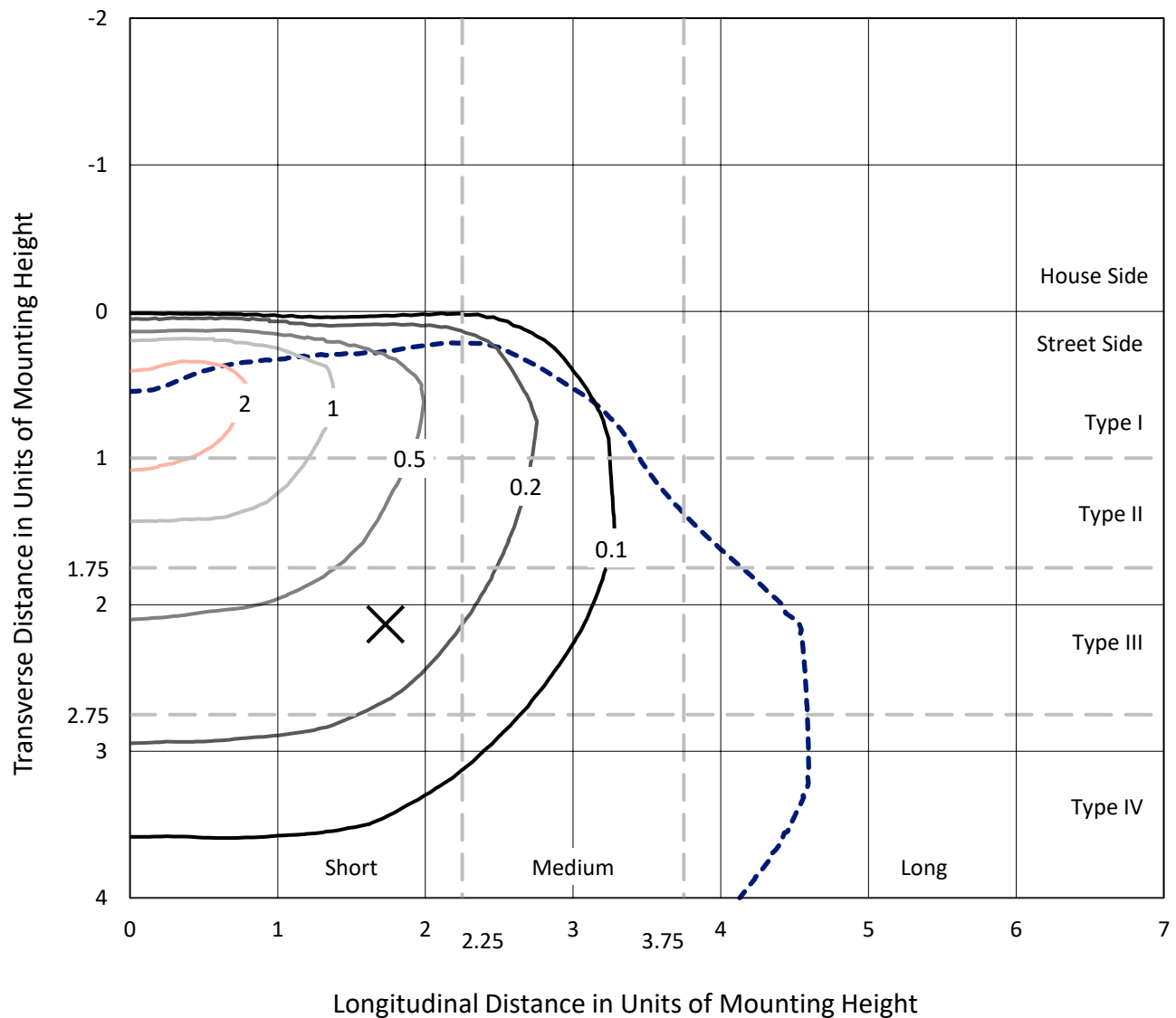


REPORT NUMBER: P1067557

CATALOG NUMBER: NAV-SA1A-827-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

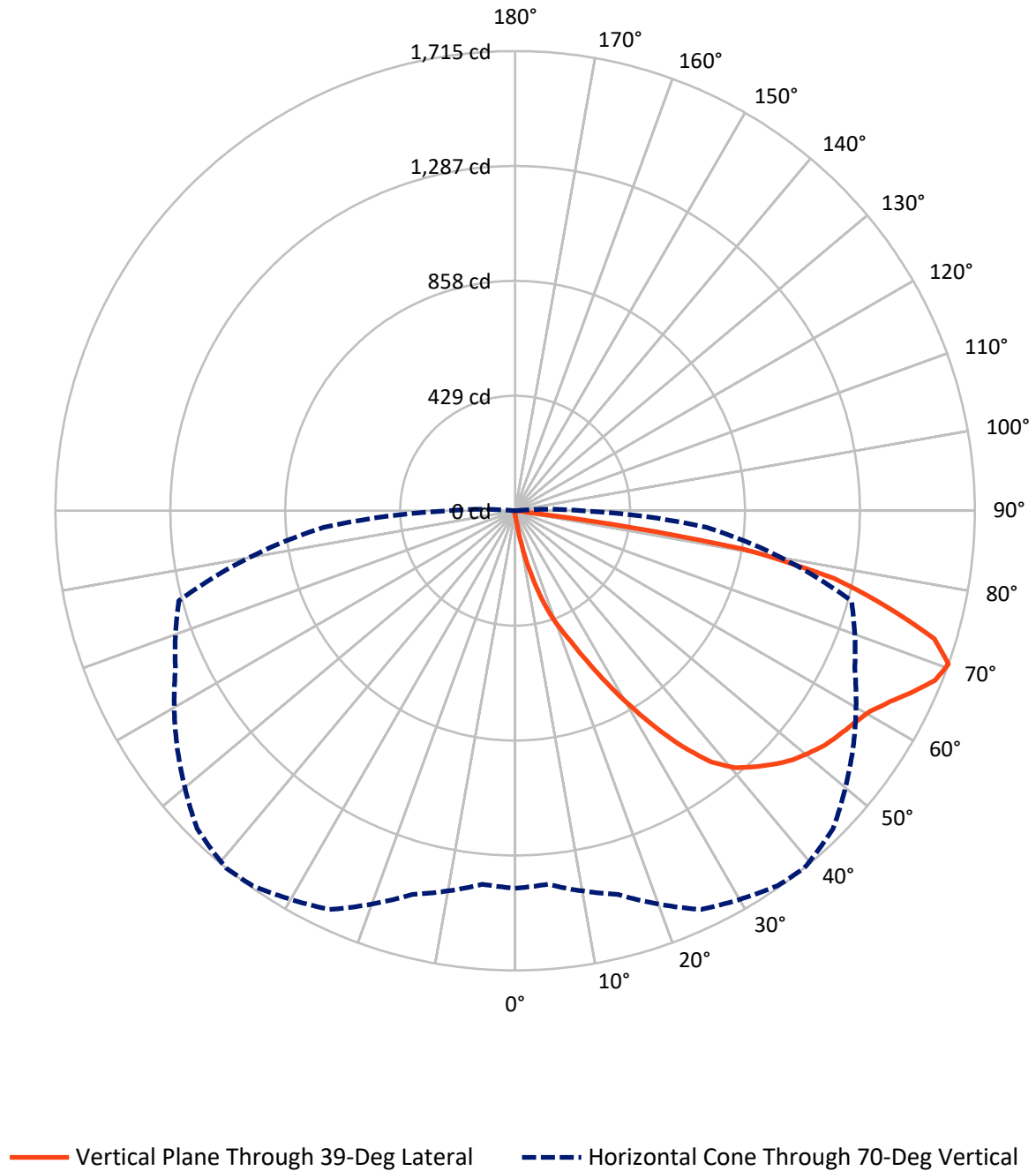


Based on 15 foot mounting height. Maximum calculated value = 3 fc
 Type IV - Short - N/A

REPORT NUMBER: P1067557

CATALOG NUMBER: NAV-SA1A-827-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067557

CATALOG NUMBER: NAV-SA1A-827-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8.3	0.0	8.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	2699.9	0.0	2699.9
	% Fixture	99.7	0.0	99.7
Total	Lumens	2708.3	0.0	2708.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.8	0.1
10°-20°	33.3	1.2
20°-30°	113.0	4.2
30°-40°	265.5	9.8
40°-50°	431.2	15.9
50°-60°	546.4	20.2
60°-70°	694.1	25.6
70°-80°	563.9	20.8
80°-90°	58.1	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°	2708.3	100.0
0°-180°	2708.3	100.0



REPORT NUMBER: P1067557

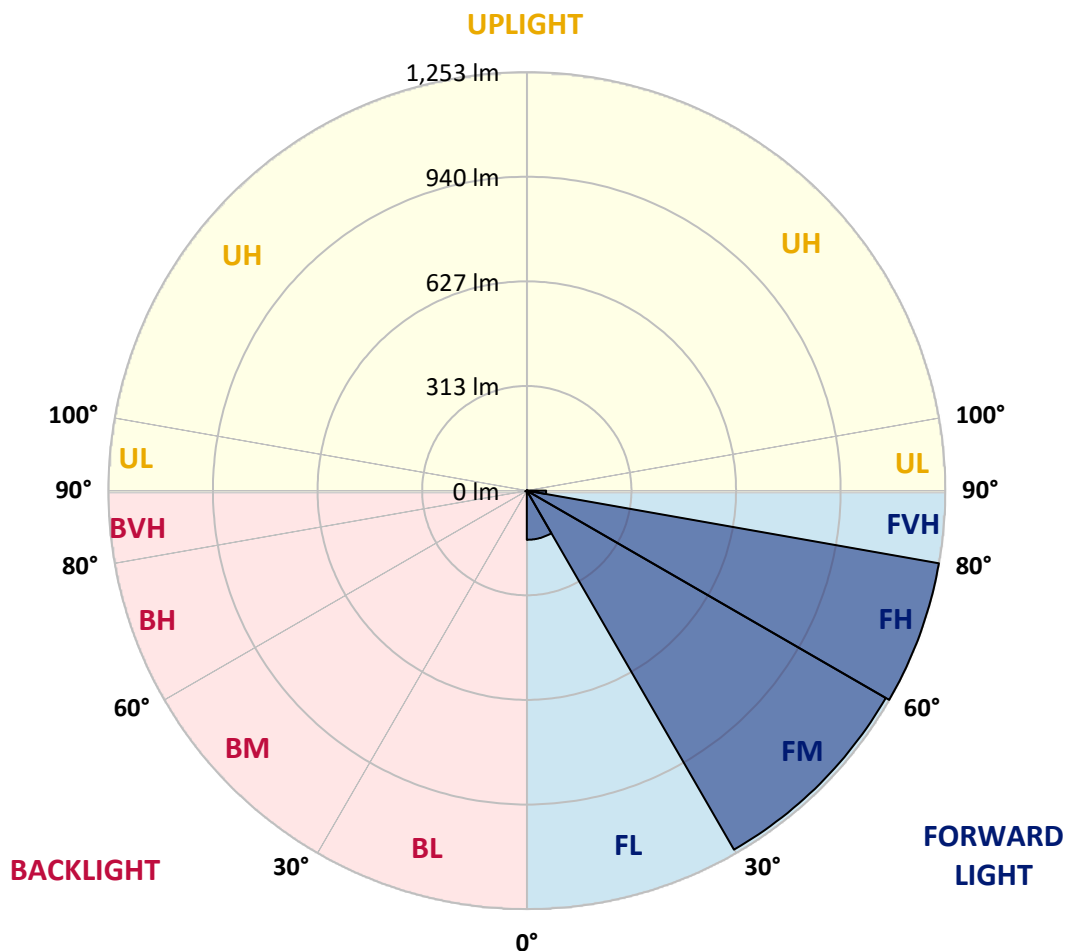
CATALOG NUMBER: NAV-SA1A-827-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	147.3	5.4			
FM	(30°-60°)	1241.5	45.8			
FH	(60°-80°)	1253.4	46.3			G1/1800
FVH	(80°-90°)	57.7	2.1			G1/100
BL	(0°-30°)	1.8	0.1	B0/110		
BM	(30°-60°)	1.6	0.1	B0/220		
BH	(60°-80°)	4.6	0.2	B0/110		G0/110
BVH	(80°-90°)	0.3	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-G1

Type IV Short



REPORT NUMBER: P1067557

CATALOG NUMBER: NAV-SA1A-827-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
2.5°	19.1	19.1	19.1	18.4	18.4	17.6	17.6	16.9	16.2	16.2	15.4
5°	36.0	36.8	34.6	30.1	27.2	25.7	24.3	20.6	18.4	16.9	15.4
7.5°	98.5	95.6	91.2	76.5	58.8	50.0	42.6	30.1	22.1	17.6	15.4
10°	207.4	199.3	186.8	166.9	132.4	118.4	91.9	55.1	30.9	19.9	15.4
12.5°	304.4	305.9	290.4	271.3	229.4	205.9	169.9	103.7	48.5	23.5	15.4
15°	377.9	376.5	370.6	355.1	317.6	294.8	262.5	174.3	81.6	29.4	16.2
17.5°	436.0	430.1	427.9	421.3	397.1	384.6	349.3	256.6	129.4	39.7	16.9
20°	494.1	492.6	490.4	483.1	466.9	458.1	430.9	339.7	192.6	56.6	18.4
22.5°	578.7	570.6	572.1	555.9	542.6	527.2	505.1	427.9	265.4	80.9	20.6
25°	677.9	677.2	665.4	658.1	636.0	619.1	589.7	513.2	346.3	116.9	22.8
27.5°	794.8	786.8	781.6	769.1	746.3	727.2	686.8	597.8	433.8	157.4	25.7
30°	916.9	916.9	907.3	888.2	866.2	842.6	801.5	686.8	520.6	208.8	29.4
32.5°	1059.5	1062.5	1039.0	1010.3	981.6	965.4	911.8	787.5	603.7	267.6	33.8
35°	1197.8	1194.1	1155.1	1123.5	1102.2	1084.5	1039.0	897.8	697.8	336.0	39.7
37.5°	1330.1	1320.6	1255.9	1211.0	1201.5	1189.7	1144.1	1008.1	791.2	411.8	47.1
40°	1425.0	1410.3	1343.4	1281.6	1267.6	1261.0	1225.7	1108.1	889.7	496.3	56.6
42.5°	1466.2	1449.2	1402.9	1352.9	1322.0	1306.6	1275.7	1189.7	988.2	590.4	70.6
45°	1474.2	1461.0	1427.9	1416.2	1374.2	1350.7	1308.8	1247.8	1080.1	683.8	89.7
47.5°	1444.8	1439.0	1419.1	1444.1	1422.8	1390.4	1339.7	1291.2	1161.7	797.0	116.2
50°	1372.8	1368.4	1377.9	1443.4	1458.1	1421.3	1373.5	1325.0	1232.3	914.0	153.7
52.5°	1275.7	1275.0	1319.8	1424.2	1473.5	1450.7	1406.6	1358.8	1288.2	1027.2	206.6
55°	1169.8	1182.3	1261.0	1406.6	1482.3	1472.0	1439.0	1389.0	1338.2	1132.3	291.9
57.5°	1161.0	1155.9	1231.6	1399.2	1487.5	1493.4	1471.3	1420.6	1380.9	1218.4	405.9
60°	1249.2	1237.5	1266.2	1414.7	1510.3	1520.6	1503.7	1444.8	1423.5	1286.0	555.9
62.5°	1351.5	1340.4	1355.1	1474.2	1555.1	1569.8	1548.5	1469.8	1458.1	1333.1	716.9
65°	1433.1	1424.2	1452.2	1563.2	1617.6	1630.1	1615.4	1516.2	1473.5	1371.3	847.8
67.5°	1446.3	1435.3	1493.4	1622.8	1680.9	1689.7	1677.9	1561.0	1468.4	1374.2	877.9
70°	1408.8	1399.2	1482.3	1641.9	1708.1	1715.4	1677.9	1539.7	1398.5	1299.2	717.6
72.5°	1293.4	1300.7	1408.1	1595.6	1670.6	1636.7	1557.3	1432.3	1308.1	1101.5	503.7
75°	1114.0	1122.0	1264.7	1468.4	1474.2	1433.1	1390.4	1317.6	1170.6	725.7	349.3
77.5°	791.9	763.2	976.5	1212.5	1191.2	1217.6	1221.3	1096.3	980.1	377.9	233.8
80°	77.9	66.2	122.8	347.8	768.4	858.8	894.1	844.8	722.8	169.1	122.8
82.5°	16.9	16.9	18.4	19.9	30.9	46.3	212.5	520.6	466.9	86.0	39.7
85°	9.6	9.6	11.8	14.0	18.4	20.6	24.3	32.4	125.7	30.9	7.4
87.5°	7.4	8.1	9.6	11.8	15.4	16.9	20.6	25.7	31.6	28.7	2.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1067557

CATALOG NUMBER: NAV-SA1A-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
2.5°	15.4	14.7	14.0	13.2	12.5	12.5	11.8	11.8	11.8	11.8	11.8
5°	14.7	14.0	13.2	11.8	11.0	10.3	9.6	9.6	9.6	9.6	9.6
7.5°	14.7	14.0	12.5	11.0	9.6	8.8	8.1	7.4	7.4	8.1	8.1
10°	14.7	13.2	11.0	9.6	8.1	7.4	6.6	5.9	5.9	5.9	5.9
12.5°	14.0	12.5	10.3	8.8	7.4	5.9	4.4	3.7	3.7	3.7	3.7
15°	13.2	11.8	9.6	7.4	5.1	3.7	2.9	2.2	2.2	2.2	2.2
17.5°	13.2	11.0	8.8	6.6	3.7	2.2	1.5	0.7	0.7	0.7	1.5
20°	13.2	11.0	8.1	5.1	2.2	1.5	1.5	0.7	0.0	0.7	0.7
22.5°	13.2	10.3	6.6	3.7	2.2	1.5	0.7	0.0	0.0	0.0	0.0
25°	14.0	10.3	5.9	2.9	1.5	0.7	0.0	0.0	0.0	0.0	0.0
27.5°	14.0	9.6	5.1	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
30°	14.7	9.6	4.4	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	14.7	8.8	2.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	14.7	8.1	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	14.7	7.4	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	15.4	6.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	16.2	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	16.9	5.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	19.1	5.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	22.1	5.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	26.5	5.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	34.6	4.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	50.0	4.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	83.8	4.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	147.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	248.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	324.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	246.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	117.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	52.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	22.8	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	8.8	1.5	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
82.5°	3.7	1.5	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0
85°	2.2	1.5	1.5	1.5	0.7	0.7	0.7	0.0	0.0	0.0	0.0
87.5°	1.5	1.5	1.5	1.5	1.5	0.7	0.7	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)