

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: P1067202

Luminaire Tested: **NAV-SA2B-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067202
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2B-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7421.2 lumens
Efficiency: N/A
Efficacy: 101.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.8
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



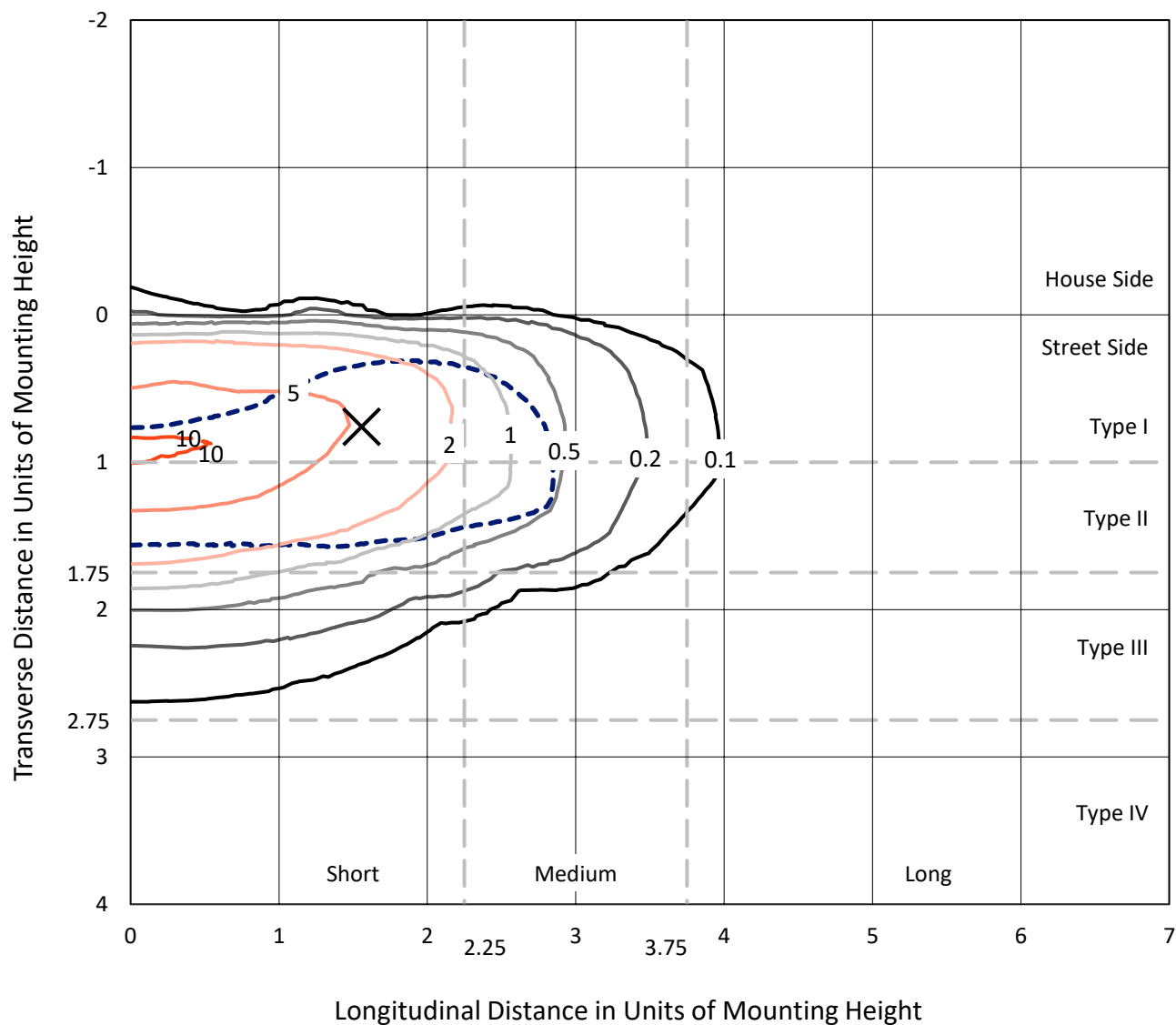
REPORT NUMBER: P1067202

CATALOG NUMBER: NAV-SA2B-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

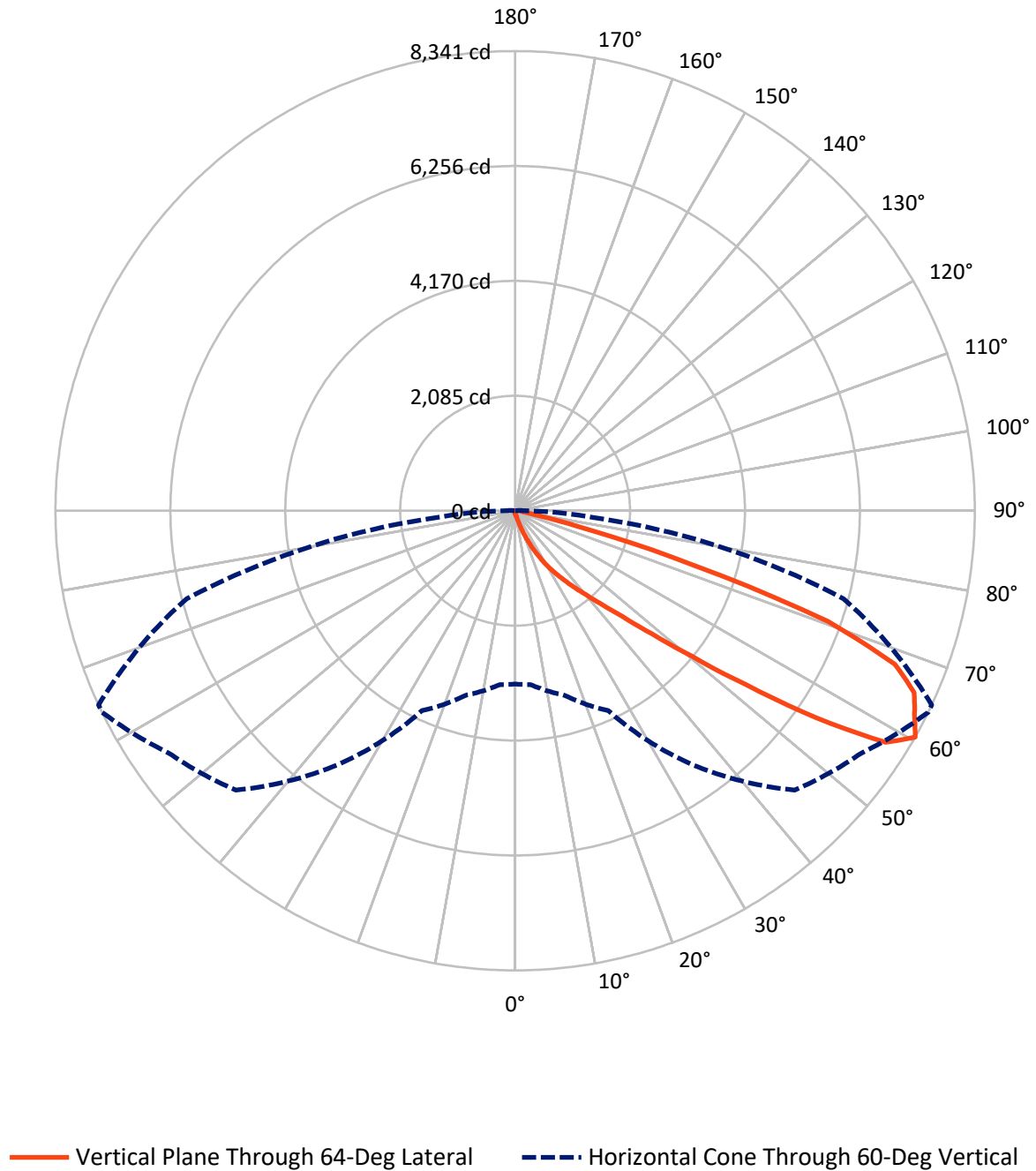


Based on 15 foot mounting height. Maximum calculated value = 10.6 fc
 Type II - Short - N/A

REPORT NUMBER: P1067202

CATALOG NUMBER: NAV-SA2B-727-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067202

CATALOG NUMBER: NAV-SA2B-727-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.1	0.0	30.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7391.2	0.0	7391.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	7421.2	0.0	7421.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.4	0.1
10°-20°	72.9	1.0
20°-30°	242.2	3.3
30°-40°	646.3	8.7
40°-50°	1642.7	22.1
50°-60°	2394.7	32.3
60°-70°	1849.7	24.9
70°-80°	508.0	6.8
80°-90°	57.3	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°	7421.2	100.0
0°-180°	7421.2	100.0



REPORT NUMBER: P1067202

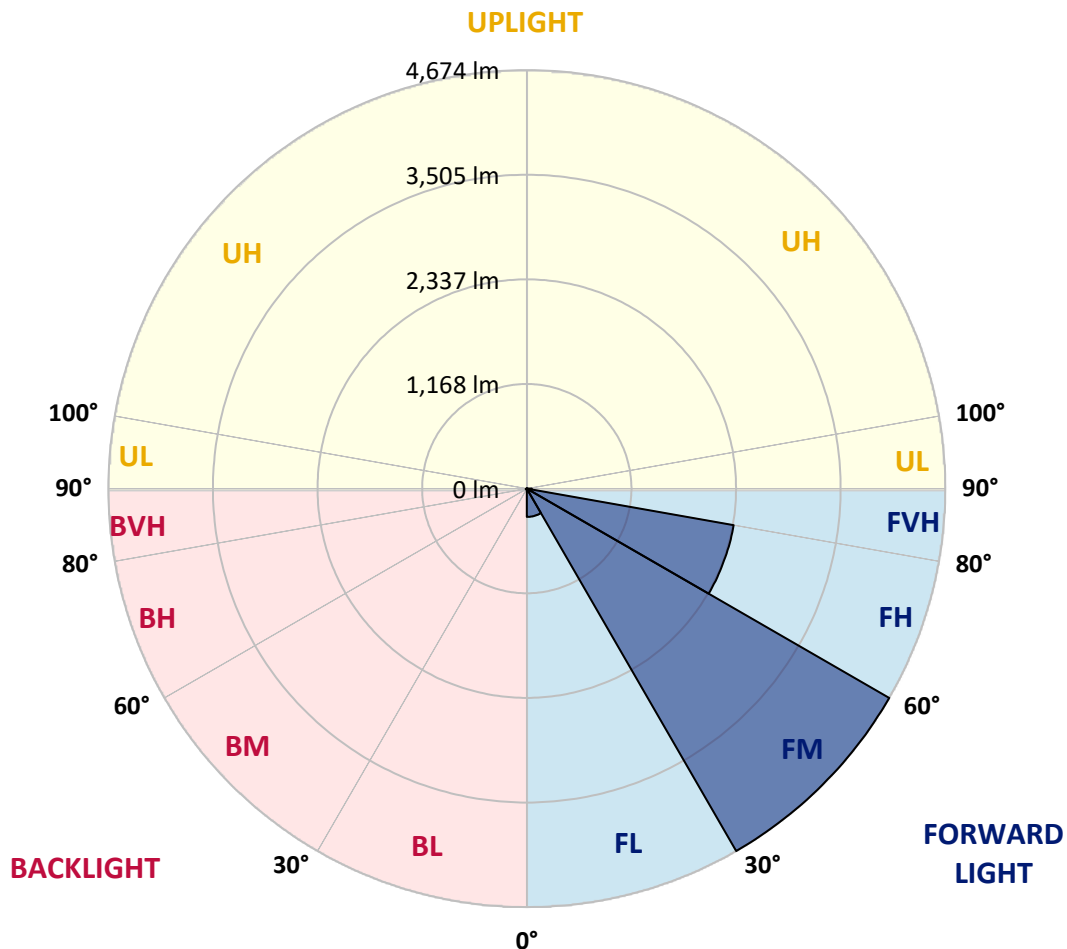
CATALOG NUMBER: NAV-SA2B-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	315.8	4.3			
FM	(30°-60°)	4673.8	63.0			
FH	(60°-80°)	2345.7	31.6			G2/5000
FVH	(80°-90°)	56.0	0.8			G1/100
BL	(0°-30°)	6.8	0.1	B0/110		
BM	(30°-60°)	10.0	0.1	B0/220		
BH	(60°-80°)	12.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	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-G2

Type II Short



REPORT NUMBER: P1067202

CATALOG NUMBER: NAV-SA2B-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
2.5°	65.4	65.4	65.4	63.3	61.3	61.3	59.2	57.2	57.2	53.1	51.1
5°	100.1	100.1	96.0	91.9	85.8	77.6	69.5	63.3	63.3	57.2	53.1
7.5°	196.1	202.2	183.9	161.4	130.7	110.3	87.8	73.5	71.5	61.3	53.1
10°	424.9	420.8	392.2	337.1	265.6	192.0	122.6	89.9	85.8	65.4	53.1
12.5°	639.4	645.5	614.9	553.6	467.8	341.1	210.4	116.4	112.4	71.5	53.1
15°	823.3	823.3	802.8	772.2	678.2	545.4	339.1	173.6	159.3	77.6	51.1
17.5°	949.9	947.9	939.7	931.5	876.4	739.5	518.9	277.8	245.1	91.9	51.1
20°	1092.9	1086.8	1097.0	1080.6	1037.7	929.5	708.9	412.6	382.0	116.4	51.1
22.5°	1242.0	1248.2	1256.3	1240.0	1193.0	1099.0	909.0	586.3	553.6	161.4	53.1
25°	1432.0	1427.9	1446.3	1432.0	1372.8	1262.5	1097.0	776.3	729.3	224.7	57.2
27.5°	1664.9	1656.7	1669.0	1632.2	1554.6	1442.2	1264.5	970.3	915.2	322.8	65.4
30°	1973.3	1979.5	1924.3	1881.4	1771.1	1622.0	1450.4	1178.7	1121.5	439.2	73.5
32.5°	2459.5	2416.6	2330.8	2157.2	2012.2	1822.2	1636.3	1360.5	1309.4	588.3	85.8
35°	3217.4	3225.6	3037.7	2608.7	2294.1	2073.4	1840.6	1560.7	1523.9	757.9	102.1
37.5°	4140.8	4118.3	3952.8	3411.5	2706.7	2386.0	2073.4	1779.3	1726.2	941.7	122.6
40°	5186.7	5092.7	4996.7	4629.0	3566.7	2778.2	2367.6	2032.6	1991.7	1154.2	155.3
42.5°	6024.2	5999.7	6016.1	5862.8	5000.8	3446.2	2757.8	2343.1	2294.1	1417.7	212.5
45°	6436.9	6402.1	6500.2	6614.6	6394.0	4868.0	3387.0	2739.4	2674.0	1728.2	300.3
47.5°	6326.6	6302.1	6512.5	6737.2	7031.3	6516.5	4414.5	3331.8	3219.5	2126.6	431.0
50°	5783.2	5785.2	6130.5	6549.2	7015.0	7352.1	5936.4	4142.8	4001.9	2655.6	635.3
52.5°	5254.1	5270.4	5636.1	6246.9	6771.9	7450.1	7272.4	5235.7	5006.9	3278.7	876.4
55°	4710.7	4718.9	5041.6	5901.7	6657.5	7158.0	7958.8	6643.2	6400.1	4055.0	1111.3
57.5°	4187.7	4187.7	4308.3	5072.3	6532.9	7131.4	7877.1	7930.2	7732.0	4941.5	1284.9
60°	3145.9	3166.3	3466.6	4001.9	5634.1	7170.2	7668.7	8340.8	8340.8	6171.3	1417.7
62.5°	1589.3	1619.9	1993.8	2514.7	3865.0	6635.0	7701.4	8134.4	8167.1	7256.0	1720.0
65°	745.6	780.4	980.5	1348.3	2079.6	4669.9	7362.3	7958.8	7948.6	7049.7	2357.4
67.5°	535.2	545.4	612.8	786.5	1119.5	2046.9	5619.8	7433.8	7437.9	5989.5	2710.8
70°	480.1	480.1	496.4	547.5	674.1	915.2	2731.2	6020.1	6312.3	4624.9	2512.6
72.5°	473.9	469.8	465.8	467.8	455.5	459.6	937.6	3399.2	3816.0	3235.8	2004.0
75°	461.7	461.7	457.6	443.3	363.6	296.2	322.8	1374.8	1589.3	2161.3	1487.2
77.5°	365.7	402.4	445.3	418.8	333.0	222.7	187.9	398.3	502.5	1325.8	1078.6
80°	169.6	171.6	169.6	177.7	212.5	159.3	138.9	194.1	196.1	735.4	668.0
82.5°	122.6	124.6	118.5	106.2	94.0	85.8	114.4	143.0	153.2	337.1	249.2
85°	36.8	34.7	40.9	55.2	65.4	75.6	96.0	120.5	126.7	124.6	36.8
87.5°	16.3	16.3	20.4	28.6	38.8	57.2	83.8	110.3	112.4	128.7	10.2
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: P1067202

CATALOG NUMBER: NAV-SA2B-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
2.5°	51.1	49.0	47.0	44.9	42.9	40.9	38.8	38.8	40.9	40.9	40.9
5°	49.0	47.0	42.9	38.8	36.8	34.7	32.7	32.7	34.7	34.7	34.7
7.5°	49.0	44.9	40.9	36.8	32.7	30.6	28.6	28.6	28.6	30.6	30.6
10°	49.0	44.9	38.8	32.7	28.6	26.6	24.5	22.5	24.5	24.5	24.5
12.5°	47.0	42.9	36.8	30.6	24.5	20.4	18.4	18.4	18.4	18.4	18.4
15°	44.9	40.9	34.7	26.6	20.4	16.3	12.3	12.3	12.3	14.3	14.3
17.5°	42.9	38.8	30.6	20.4	14.3	10.2	8.2	8.2	8.2	10.2	10.2
20°	42.9	36.8	26.6	16.3	10.2	6.1	4.1	4.1	4.1	6.1	8.2
22.5°	42.9	36.8	24.5	12.3	6.1	4.1	2.0	2.0	2.0	2.0	2.0
25°	42.9	34.7	22.5	10.2	4.1	2.0	0.0	0.0	2.0	4.1	6.1
27.5°	42.9	32.7	18.4	6.1	4.1	2.0	0.0	2.0	4.1	4.1	4.1
30°	42.9	32.7	16.3	6.1	2.0	0.0	0.0	2.0	4.1	4.1	6.1
32.5°	44.9	30.6	14.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	47.0	28.6	12.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	51.1	28.6	8.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	57.2	30.6	8.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	71.5	32.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	100.1	40.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	147.1	61.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	214.5	83.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	263.5	83.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	261.5	53.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	200.2	36.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	169.6	26.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	204.3	20.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	363.6	18.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	584.2	18.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	653.7	18.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	510.7	16.3	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	279.9	14.3	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	141.0	10.2	4.1	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	59.2	8.2	4.1	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0
82.5°	20.4	8.2	4.1	4.1	2.0	2.0	0.0	0.0	0.0	0.0	0.0
85°	10.2	6.1	6.1	4.1	4.1	2.0	2.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.1	6.1	4.1	4.1	2.0	2.0	0.0	0.0	0.0	2.0
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

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: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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



REPORT NUMBER: SP1-2407-184-3

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

TM-30-18

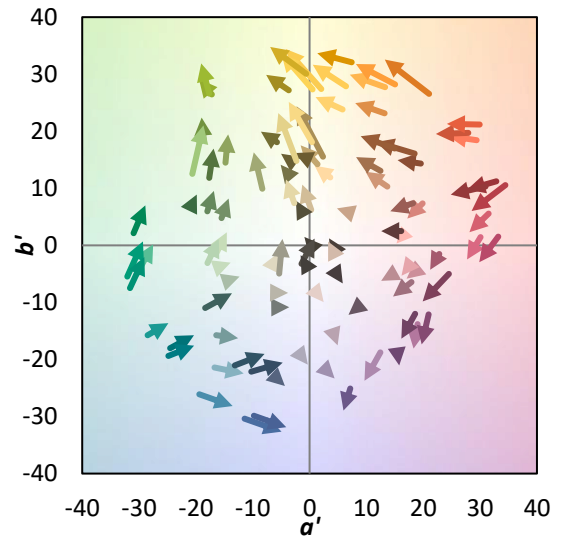
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison



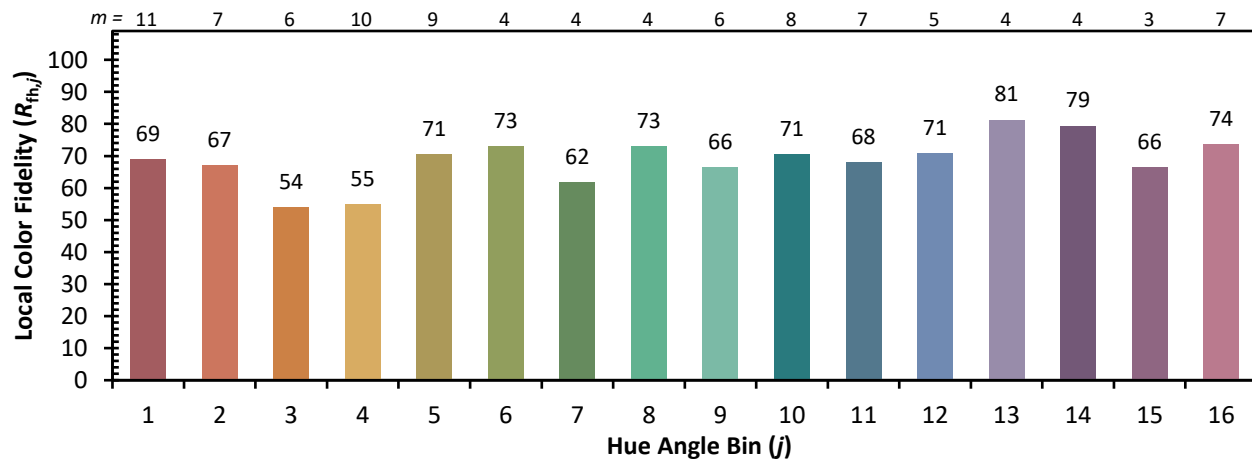
Color Vector Graphics



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

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)