

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: P1067200

Luminaire Tested: **NAV-SA1D-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067200
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1D-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5235.2 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 II - Short
BUG Rating: B0 - U0 - G1

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

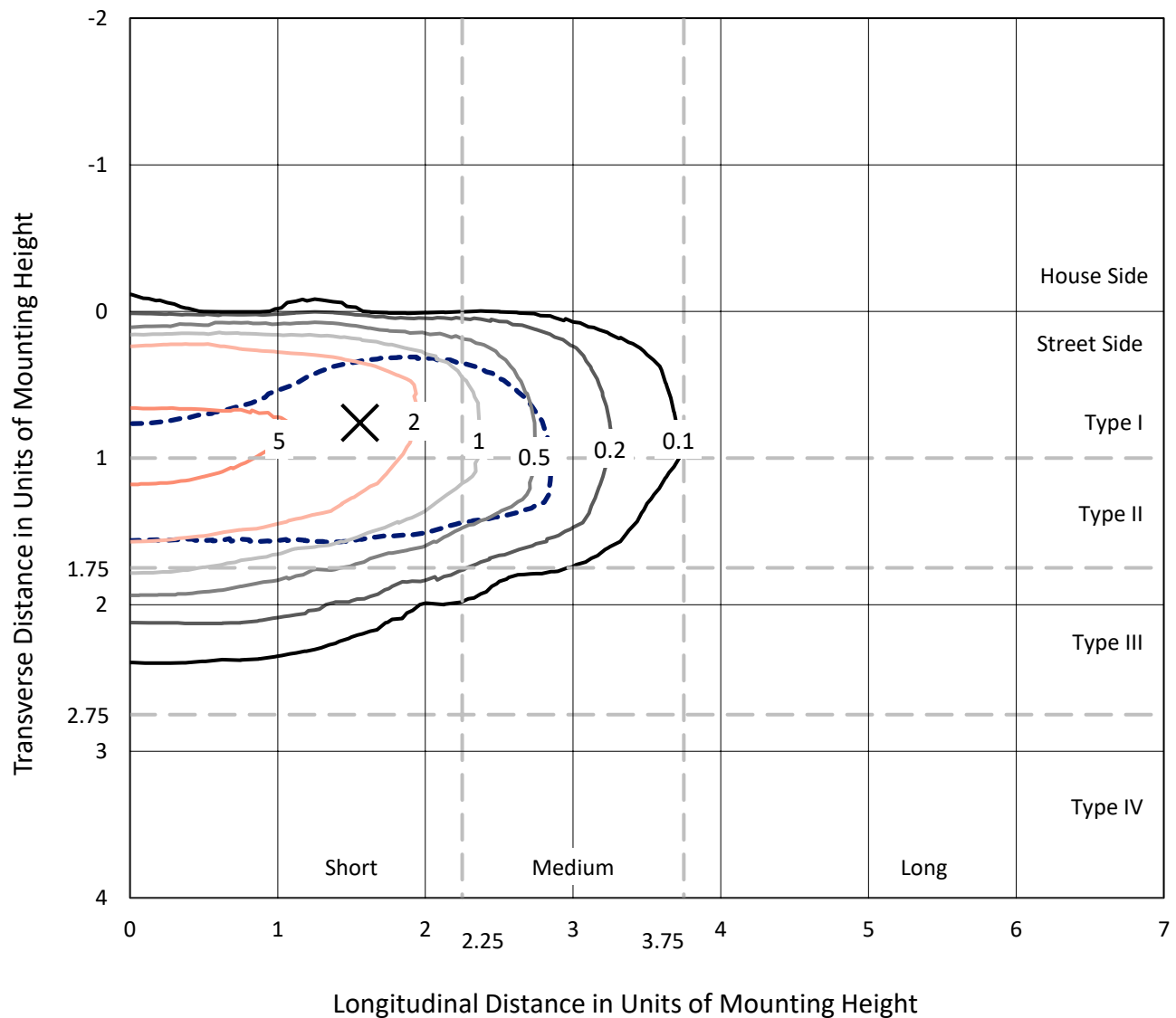


REPORT NUMBER: P1067200

CATALOG NUMBER: NAV-SA1D-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

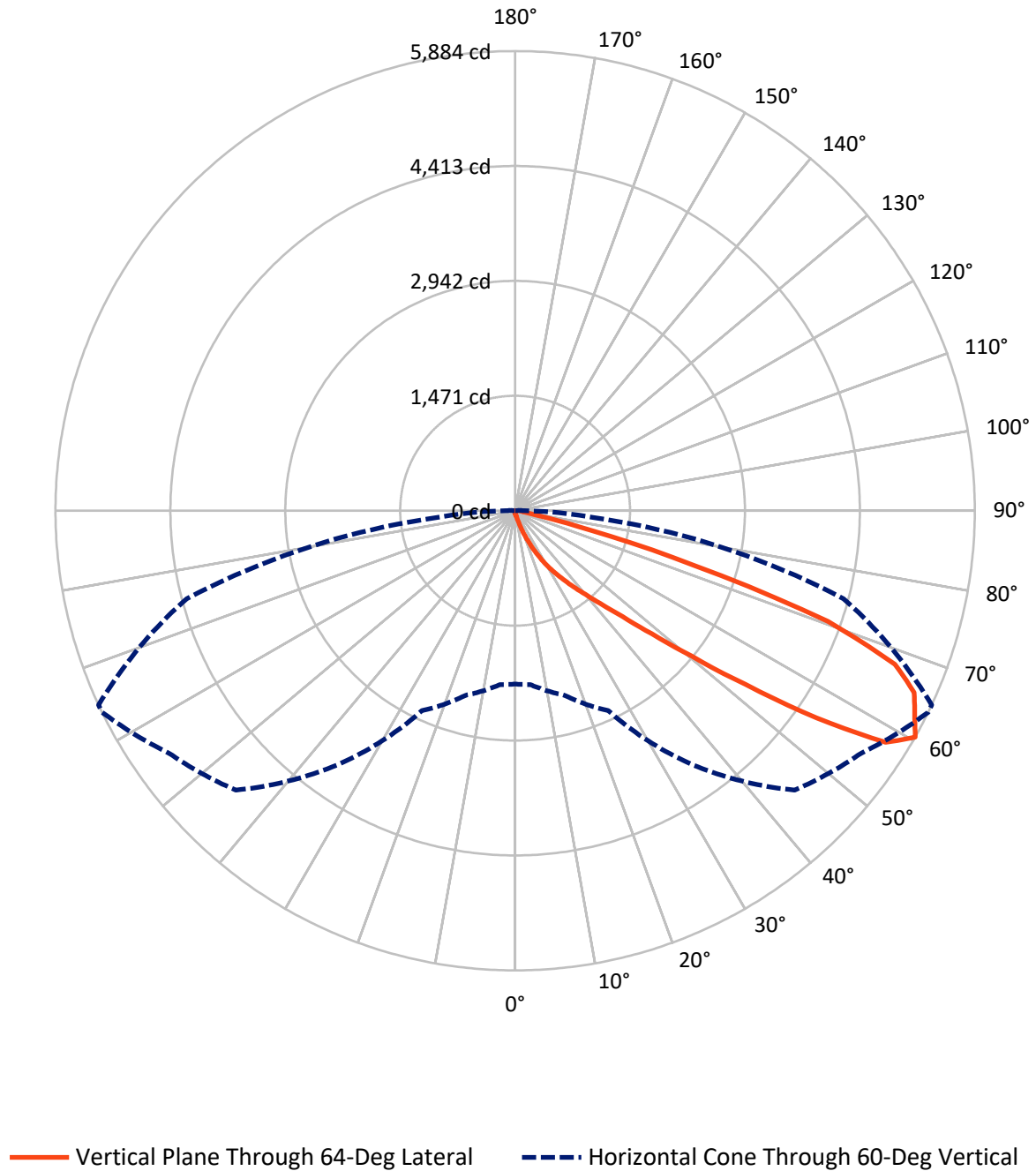


Based on 15 foot mounting height. Maximum calculated value = 7.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1067200

CATALOG NUMBER: NAV-SA1D-727-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067200

CATALOG NUMBER: NAV-SA1D-727-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	21.2	0.0	21.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5214.0	0.0	5214.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	5235.2	0.0	5235.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.1
10°-20°	51.4	1.0
20°-30°	170.9	3.3
30°-40°	455.9	8.7
40°-50°	1158.8	22.1
50°-60°	1689.3	32.3
60°-70°	1304.8	24.9
70°-80°	358.3	6.8
80°-90°	40.4	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°	5235.2	100.0
0°-180°	5235.2	100.0



REPORT NUMBER: P1067200

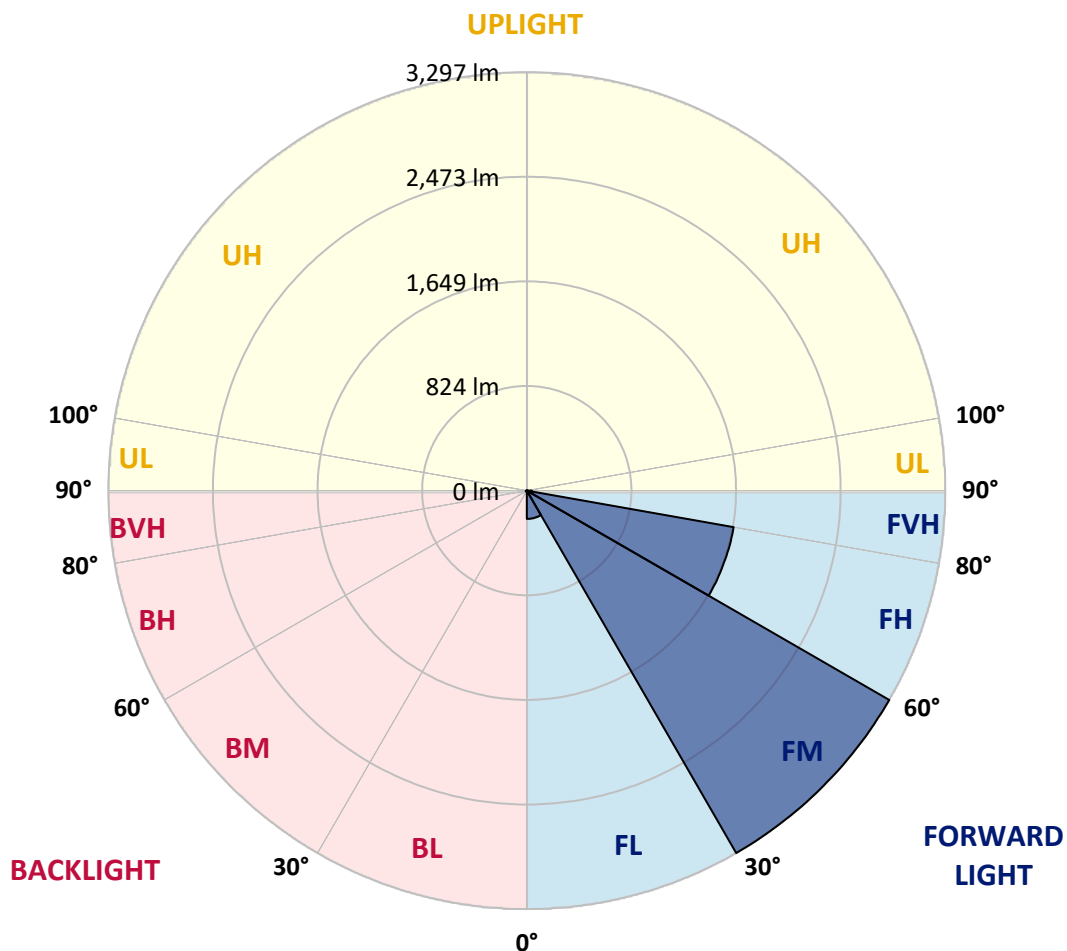
CATALOG NUMBER: NAV-SA1D-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	222.8	4.3			
FM	(30°-60°)	3297.1	63.0			
FH	(60°-80°)	1654.7	31.6			G1/1800
FVH	(80°-90°)	39.5	0.8			G1/100
BL	(0°-30°)	4.8	0.1	B0/110		
BM	(30°-60°)	7.0	0.1	B0/220		
BH	(60°-80°)	8.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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 II Short



REPORT NUMBER: P1067200

CATALOG NUMBER: NAV-SA1D-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
2.5°	46.1	46.1	46.1	44.7	43.2	43.2	41.8	40.4	40.4	37.5	36.0
5°	70.6	70.6	67.7	64.8	60.5	54.8	49.0	44.7	44.7	40.4	37.5
7.5°	138.3	142.7	129.7	113.8	92.2	77.8	62.0	51.9	50.4	43.2	37.5
10°	299.7	296.9	276.7	237.8	187.3	135.5	86.5	63.4	60.5	46.1	37.5
12.5°	451.1	455.4	433.8	390.5	330.0	240.7	148.4	82.1	79.3	50.4	37.5
15°	580.8	580.8	566.3	544.7	478.4	384.8	239.2	122.5	112.4	54.8	36.0
17.5°	670.1	668.7	662.9	657.1	618.2	521.7	366.0	196.0	172.9	64.8	36.0
20°	771.0	766.7	773.9	762.3	732.1	655.7	500.1	291.1	269.5	82.1	36.0
22.5°	876.2	880.5	886.3	874.7	841.6	775.3	641.3	413.6	390.5	113.8	37.5
25°	1010.2	1007.3	1020.3	1010.2	968.4	890.6	773.9	547.6	514.5	158.5	40.4
27.5°	1174.5	1168.7	1177.4	1151.4	1096.7	1017.4	892.0	684.5	645.6	227.7	46.1
30°	1392.1	1396.4	1357.5	1327.2	1249.4	1144.2	1023.2	831.5	791.1	309.8	51.9
32.5°	1735.1	1704.8	1644.3	1521.8	1419.5	1285.4	1154.3	959.8	923.7	415.0	60.5
35°	2269.7	2275.5	2142.9	1840.3	1618.3	1462.7	1298.4	1101.0	1075.0	534.6	72.1
37.5°	2921.1	2905.2	2788.5	2406.6	1909.4	1683.2	1462.7	1255.2	1217.7	664.3	86.5
40°	3658.9	3592.6	3524.9	3265.5	2516.1	1959.9	1670.2	1433.9	1405.0	814.2	109.5
42.5°	4249.7	4232.4	4244.0	4135.9	3527.7	2431.1	1945.4	1652.9	1618.3	1000.1	149.9
45°	4540.8	4516.3	4585.5	4666.2	4510.6	3434.1	2389.3	1932.5	1886.4	1219.1	211.8
47.5°	4463.0	4445.7	4594.1	4752.7	4960.2	4597.0	3114.2	2350.4	2271.1	1500.2	304.1
50°	4079.7	4081.1	4324.7	4620.1	4948.6	5186.4	4187.8	2922.5	2823.1	1873.4	448.2
52.5°	3706.4	3718.0	3975.9	4406.8	4777.2	5255.6	5130.2	3693.5	3532.1	2312.9	618.2
55°	3323.1	3328.9	3556.6	4163.3	4696.5	5049.5	5614.4	4686.4	4514.9	2860.5	783.9
57.5°	2954.2	2954.2	3039.2	3578.2	4608.6	5030.8	5556.8	5594.2	5454.5	3486.0	906.4
60°	2219.3	2233.7	2445.5	2823.1	3974.5	5058.2	5409.8	5883.9	5883.9	4353.5	1000.1
62.5°	1121.2	1142.8	1406.5	1774.0	2726.5	4680.6	5432.8	5738.4	5761.4	5118.7	1213.4
65°	526.0	550.5	691.7	951.1	1467.0	3294.3	5193.6	5614.4	5607.2	4973.1	1663.0
67.5°	377.6	384.8	432.3	554.8	789.7	1444.0	3964.4	5244.1	5246.9	4225.2	1912.3
70°	338.7	338.7	350.2	386.2	475.6	645.6	1926.7	4246.8	4452.9	3262.6	1772.5
72.5°	334.3	331.4	328.6	330.0	321.4	324.2	661.5	2397.9	2691.9	2282.7	1413.7
75°	325.7	325.7	322.8	312.7	256.5	209.0	227.7	969.8	1121.2	1524.7	1049.1
77.5°	258.0	283.9	314.2	295.4	234.9	157.1	132.6	281.0	354.5	935.3	760.9
80°	119.6	121.1	119.6	125.4	149.9	112.4	98.0	136.9	138.3	518.8	471.2
82.5°	86.5	87.9	83.6	74.9	66.3	60.5	80.7	100.9	108.1	237.8	175.8
85°	25.9	24.5	28.8	38.9	46.1	53.3	67.7	85.0	89.3	87.9	25.9
87.5°	11.5	11.5	14.4	20.2	27.4	40.4	59.1	77.8	79.3	90.8	7.2
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: P1067200

CATALOG NUMBER: NAV-SA1D-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
2.5°	36.0	34.6	33.1	31.7	30.3	28.8	27.4	27.4	28.8	28.8	28.8
5°	34.6	33.1	30.3	27.4	25.9	24.5	23.1	23.1	24.5	24.5	24.5
7.5°	34.6	31.7	28.8	25.9	23.1	21.6	20.2	20.2	20.2	21.6	21.6
10°	34.6	31.7	27.4	23.1	20.2	18.7	17.3	15.9	17.3	17.3	17.3
12.5°	33.1	30.3	25.9	21.6	17.3	14.4	13.0	13.0	13.0	13.0	13.0
15°	31.7	28.8	24.5	18.7	14.4	11.5	8.6	8.6	8.6	10.1	10.1
17.5°	30.3	27.4	21.6	14.4	10.1	7.2	5.8	5.8	5.8	7.2	7.2
20°	30.3	25.9	18.7	11.5	7.2	4.3	2.9	2.9	2.9	4.3	5.8
22.5°	30.3	25.9	17.3	8.6	4.3	2.9	1.4	1.4	1.4	1.4	1.4
25°	30.3	24.5	15.9	7.2	2.9	1.4	0.0	0.0	1.4	2.9	4.3
27.5°	30.3	23.1	13.0	4.3	2.9	1.4	0.0	1.4	2.9	2.9	2.9
30°	30.3	23.1	11.5	4.3	1.4	0.0	0.0	1.4	2.9	2.9	4.3
32.5°	31.7	21.6	10.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	33.1	20.2	8.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	36.0	20.2	5.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	40.4	21.6	5.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	50.4	23.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	70.6	28.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	103.8	43.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	151.3	59.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	185.9	59.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	184.5	37.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	141.2	25.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	119.6	18.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	144.1	14.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	256.5	13.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	412.1	13.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	461.1	13.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	360.3	11.5	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	197.4	10.1	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	99.4	7.2	2.9	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
80°	41.8	5.8	2.9	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
82.5°	14.4	5.8	2.9	2.9	1.4	1.4	0.0	0.0	0.0	0.0	0.0
85°	7.2	4.3	4.3	2.9	2.9	1.4	1.4	0.0	0.0	0.0	0.0
87.5°	4.3	4.3	4.3	2.9	2.9	1.4	1.4	0.0	0.0	0.0	1.4
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



Point lies inside the ANSI 2700K 4-step quadrangle

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 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	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)