

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: P1067199

Luminaire Tested: **NAV-SA1C-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067199
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1C-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 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: 4729.1 lumens
Efficiency: N/A
Efficacy: 94.4 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): 50.1
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

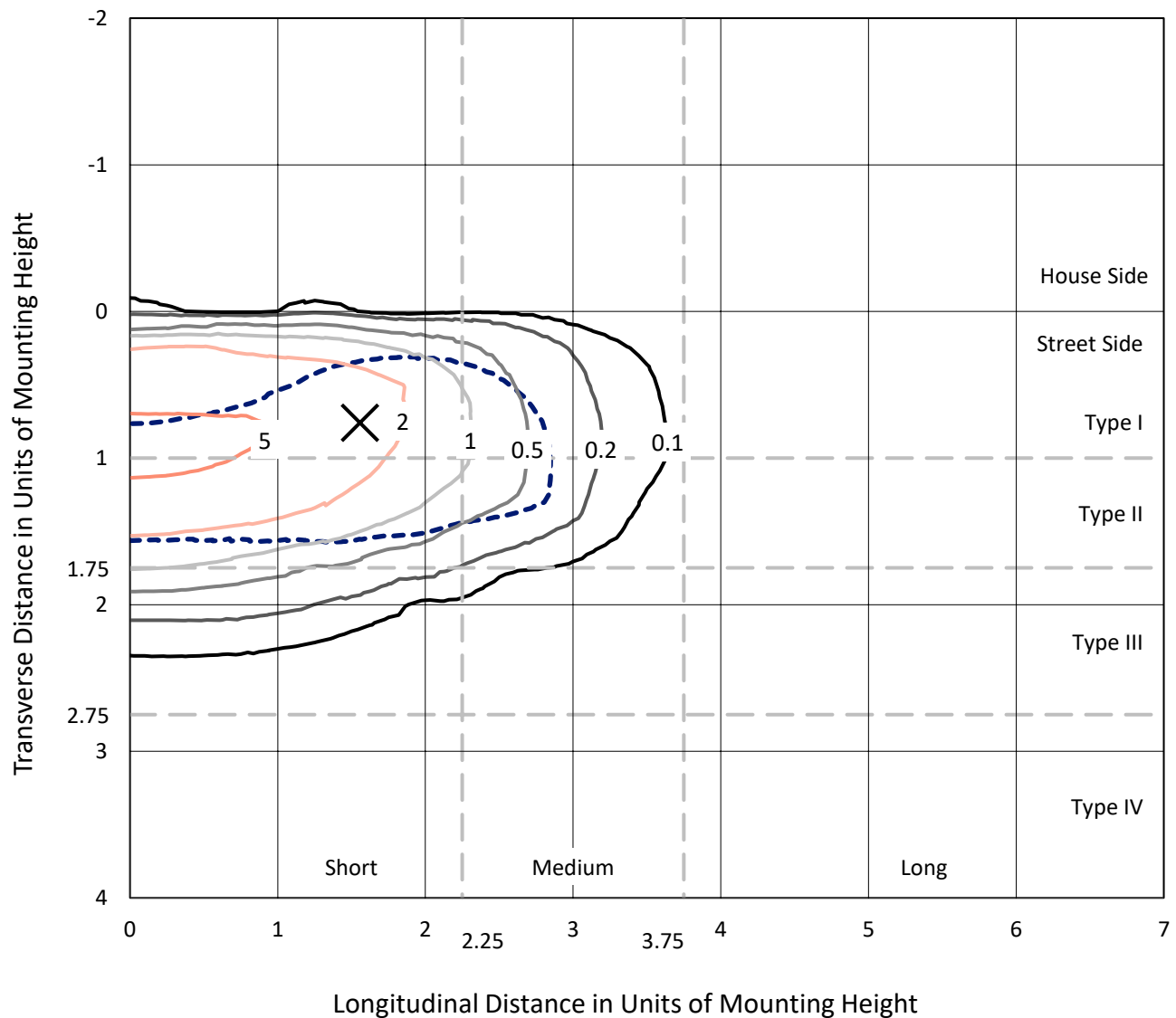


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

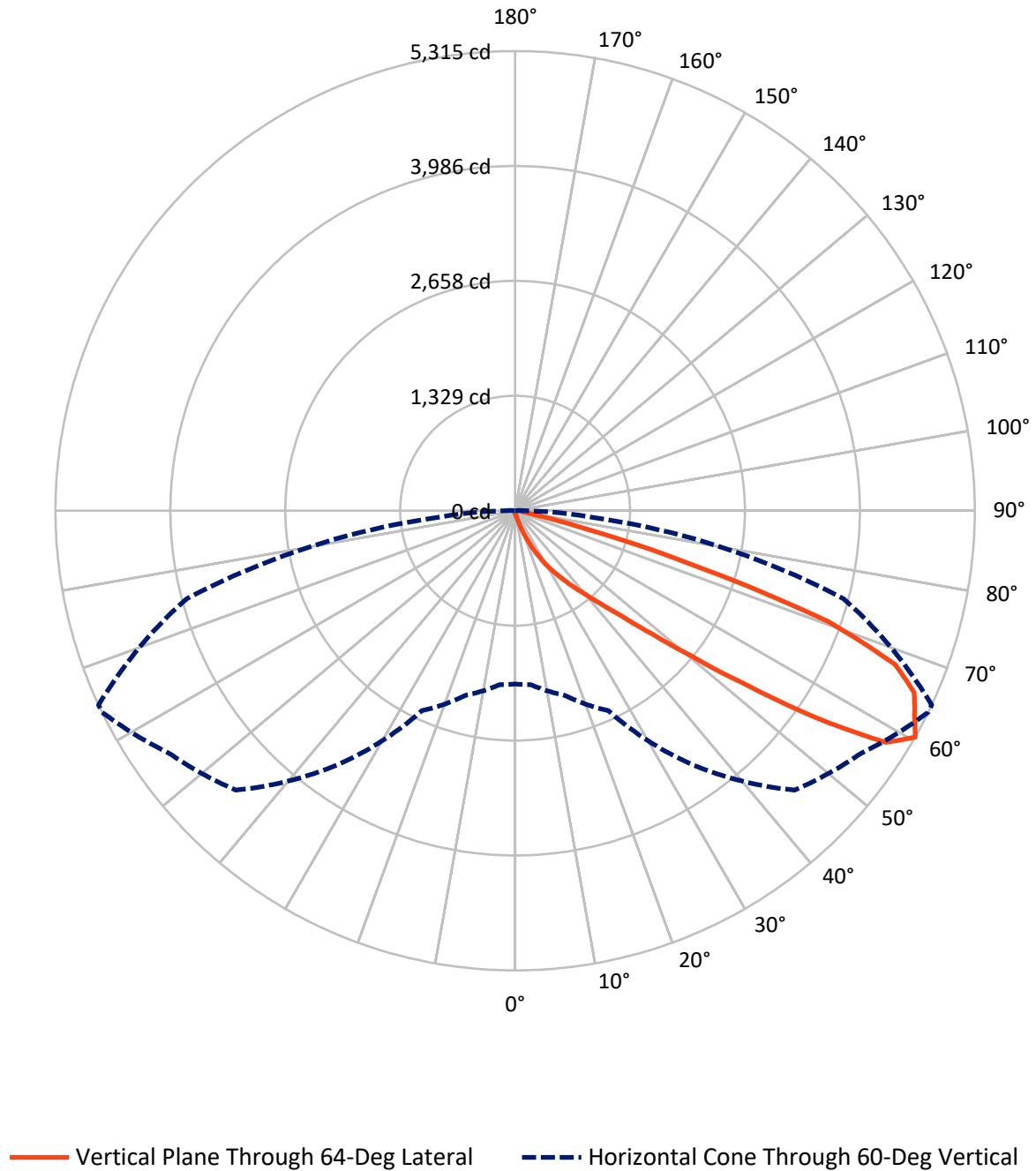


Based on 15 foot mounting height. Maximum calculated value = 6.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.2	0.0	19.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4710.0	0.0	4710.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	4729.1	0.0	4729.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.7	0.1
10°-20°	46.5	1.0
20°-30°	154.3	3.3
30°-40°	411.8	8.7
40°-50°	1046.8	22.1
50°-60°	1526.0	32.3
60°-70°	1178.7	24.9
70°-80°	323.7	6.8
80°-90°	36.5	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°	4729.1	100.0
0°-180°	4729.1	100.0



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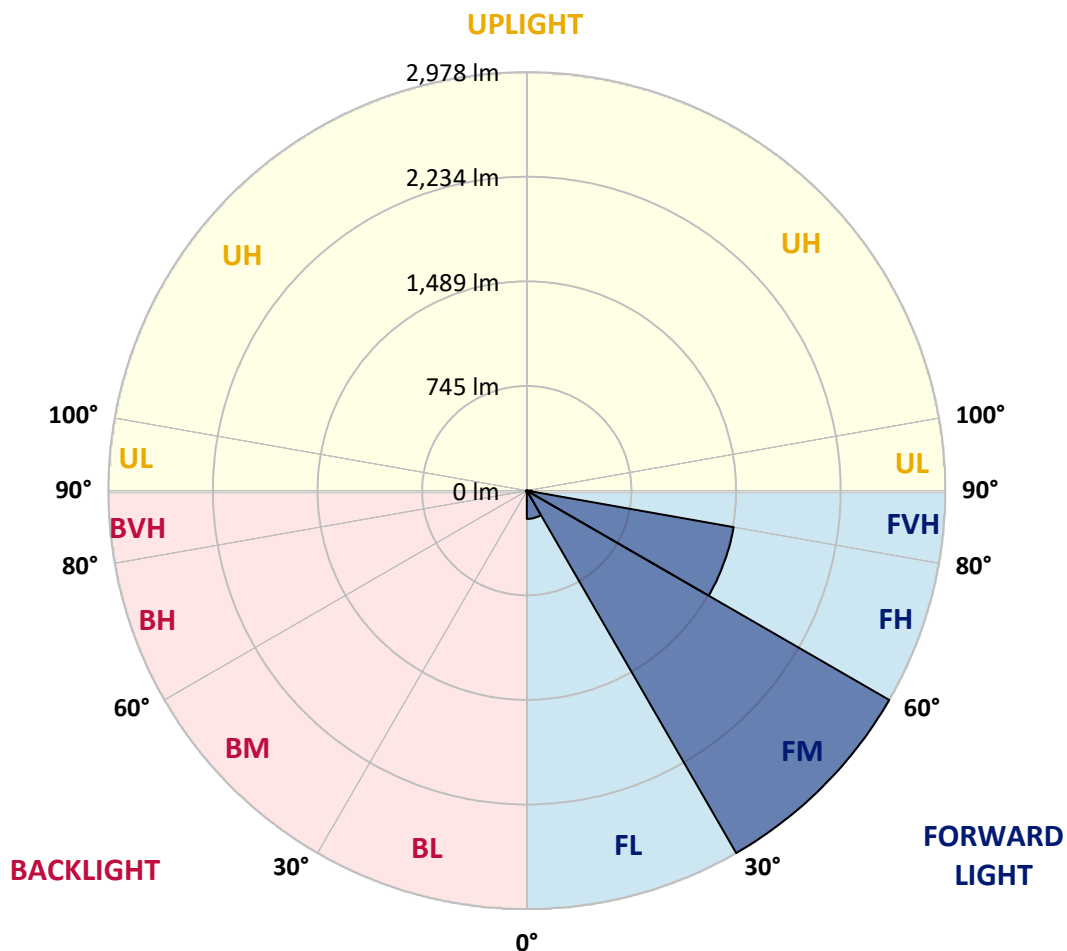
CATALOG NUMBER: NAV-SA1C-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	201.2	4.3			
FM	(30°-60°)	2978.3	63.0			
FH	(60°-80°)	1494.7	31.6			G1/1800
FVH	(80°-90°)	35.7	0.8			G1/100
BL	(0°-30°)	4.3	0.1	B0/110		
BM	(30°-60°)	6.4	0.1	B0/220		
BH	(60°-80°)	7.6	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
2.5°	41.7	41.7	41.7	40.4	39.1	39.1	37.8	36.4	36.4	33.8	32.5
5°	63.8	63.8	61.2	58.6	54.7	49.5	44.3	40.4	40.4	36.4	33.8
7.5°	125.0	128.9	117.2	102.8	83.3	70.3	56.0	46.9	45.6	39.1	33.8
10°	270.8	268.2	249.9	214.8	169.2	122.4	78.1	57.3	54.7	41.7	33.8
12.5°	407.5	411.4	391.8	352.8	298.1	217.4	134.1	74.2	71.6	45.6	33.8
15°	524.6	524.6	511.6	492.1	432.2	347.6	216.1	110.6	101.5	49.5	32.5
17.5°	605.3	604.0	598.8	593.6	558.5	471.2	330.6	177.0	156.2	58.6	32.5
20°	696.4	692.5	699.0	688.6	661.3	592.3	451.7	263.0	243.4	74.2	32.5
22.5°	791.5	795.4	800.6	790.2	760.2	700.3	579.3	373.6	352.8	102.8	33.8
25°	912.5	909.9	921.6	912.5	874.8	804.5	699.0	494.7	464.7	143.2	36.4
27.5°	1060.9	1055.7	1063.5	1040.1	990.6	919.0	805.8	618.3	583.2	205.7	41.7
30°	1257.5	1261.4	1226.3	1198.9	1128.6	1033.6	924.3	751.1	714.7	279.9	46.9
32.5°	1567.3	1540.0	1485.3	1374.7	1282.2	1161.2	1042.7	867.0	834.4	374.9	54.7
35°	2050.3	2055.5	1935.7	1662.3	1461.9	1321.3	1172.9	994.5	971.1	483.0	65.1
37.5°	2638.7	2624.4	2518.9	2173.9	1724.8	1520.5	1321.3	1133.8	1100.0	600.1	78.1
40°	3305.2	3245.3	3184.1	2949.8	2272.9	1770.4	1508.7	1295.3	1269.2	735.5	98.9
42.5°	3838.9	3823.3	3833.7	3736.1	3186.7	2196.1	1757.4	1493.1	1461.9	903.4	135.4
45°	4101.9	4079.7	4142.2	4215.1	4074.5	3102.1	2158.3	1745.7	1704.0	1101.3	191.4
47.5°	4031.6	4015.9	4150.0	4293.2	4480.7	4152.6	2813.1	2123.2	2051.6	1355.1	274.7
50°	3685.3	3686.6	3906.6	4173.4	4470.2	4685.0	3782.9	2640.0	2550.2	1692.3	404.8
52.5°	3348.1	3358.5	3591.6	3980.8	4315.3	4747.5	4634.3	3336.4	3190.6	2089.3	558.5
55°	3001.9	3007.1	3212.7	3760.8	4242.4	4561.4	5071.7	4233.3	4078.4	2584.0	708.2
57.5°	2668.6	2668.6	2745.4	3232.3	4163.0	4544.4	5019.6	5053.4	4927.2	3149.0	818.8
60°	2004.7	2017.7	2209.1	2550.2	3590.3	4569.2	4886.8	5315.1	5315.1	3932.6	903.4
62.5°	1012.8	1032.3	1270.5	1602.5	2462.9	4228.1	4907.6	5183.6	5204.4	4623.9	1096.1
65°	475.1	497.3	624.8	859.2	1325.2	2975.8	4691.5	5071.7	5065.2	4492.4	1502.2
67.5°	341.1	347.6	390.5	501.2	713.4	1304.4	3581.1	4737.1	4739.7	3816.8	1727.4
70°	305.9	305.9	316.3	348.9	429.6	583.2	1740.5	3836.3	4022.4	2947.2	1601.2
72.5°	302.0	299.4	296.8	298.1	290.3	292.9	597.5	2166.1	2431.7	2062.0	1277.0
75°	294.2	294.2	291.6	282.5	231.7	188.8	205.7	876.1	1012.8	1377.3	947.7
77.5°	233.0	256.4	283.8	266.9	212.2	141.9	119.8	253.8	320.2	844.8	687.3
80°	108.0	109.3	108.0	113.3	135.4	101.5	88.5	123.7	125.0	468.6	425.7
82.5°	78.1	79.4	75.5	67.7	59.9	54.7	72.9	91.1	97.6	214.8	158.8
85°	23.4	22.1	26.0	35.1	41.7	48.2	61.2	76.8	80.7	79.4	23.4
87.5°	10.4	10.4	13.0	18.2	24.7	36.4	53.4	70.3	71.6	82.0	6.5
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-SA1C-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
2.5°	32.5	31.2	29.9	28.6	27.3	26.0	24.7	24.7	26.0	26.0	26.0
5°	31.2	29.9	27.3	24.7	23.4	22.1	20.8	20.8	22.1	22.1	22.1
7.5°	31.2	28.6	26.0	23.4	20.8	19.5	18.2	18.2	18.2	19.5	19.5
10°	31.2	28.6	24.7	20.8	18.2	16.9	15.6	14.3	15.6	15.6	15.6
12.5°	29.9	27.3	23.4	19.5	15.6	13.0	11.7	11.7	11.7	11.7	11.7
15°	28.6	26.0	22.1	16.9	13.0	10.4	7.8	7.8	7.8	9.1	9.1
17.5°	27.3	24.7	19.5	13.0	9.1	6.5	5.2	5.2	5.2	6.5	6.5
20°	27.3	23.4	16.9	10.4	6.5	3.9	2.6	2.6	2.6	3.9	5.2
22.5°	27.3	23.4	15.6	7.8	3.9	2.6	1.3	1.3	1.3	1.3	1.3
25°	27.3	22.1	14.3	6.5	2.6	1.3	0.0	0.0	1.3	2.6	3.9
27.5°	27.3	20.8	11.7	3.9	2.6	1.3	0.0	1.3	2.6	2.6	2.6
30°	27.3	20.8	10.4	3.9	1.3	0.0	0.0	1.3	2.6	2.6	3.9
32.5°	28.6	19.5	9.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	29.9	18.2	7.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	32.5	18.2	5.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	36.4	19.5	5.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	45.6	20.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	63.8	26.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	93.7	39.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	136.7	53.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	167.9	53.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	166.6	33.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	127.6	23.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	108.0	16.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	130.2	13.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	231.7	11.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	372.3	11.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	416.6	11.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	325.4	10.4	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	178.3	9.1	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	89.8	6.5	2.6	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
80°	37.8	5.2	2.6	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0
82.5°	13.0	5.2	2.6	2.6	1.3	1.3	0.0	0.0	0.0	0.0	0.0
85°	6.5	3.9	3.9	2.6	2.6	1.3	1.3	0.0	0.0	0.0	0.0
87.5°	3.9	3.9	3.9	2.6	2.6	1.3	1.3	0.0	0.0	0.0	1.3
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

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	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			

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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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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			

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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)