

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: P1067217

Luminaire Tested: **NAV-SA6A-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067217
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6A-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17592.1 lumens
Efficiency: N/A
Efficacy: 108.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 161.6
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



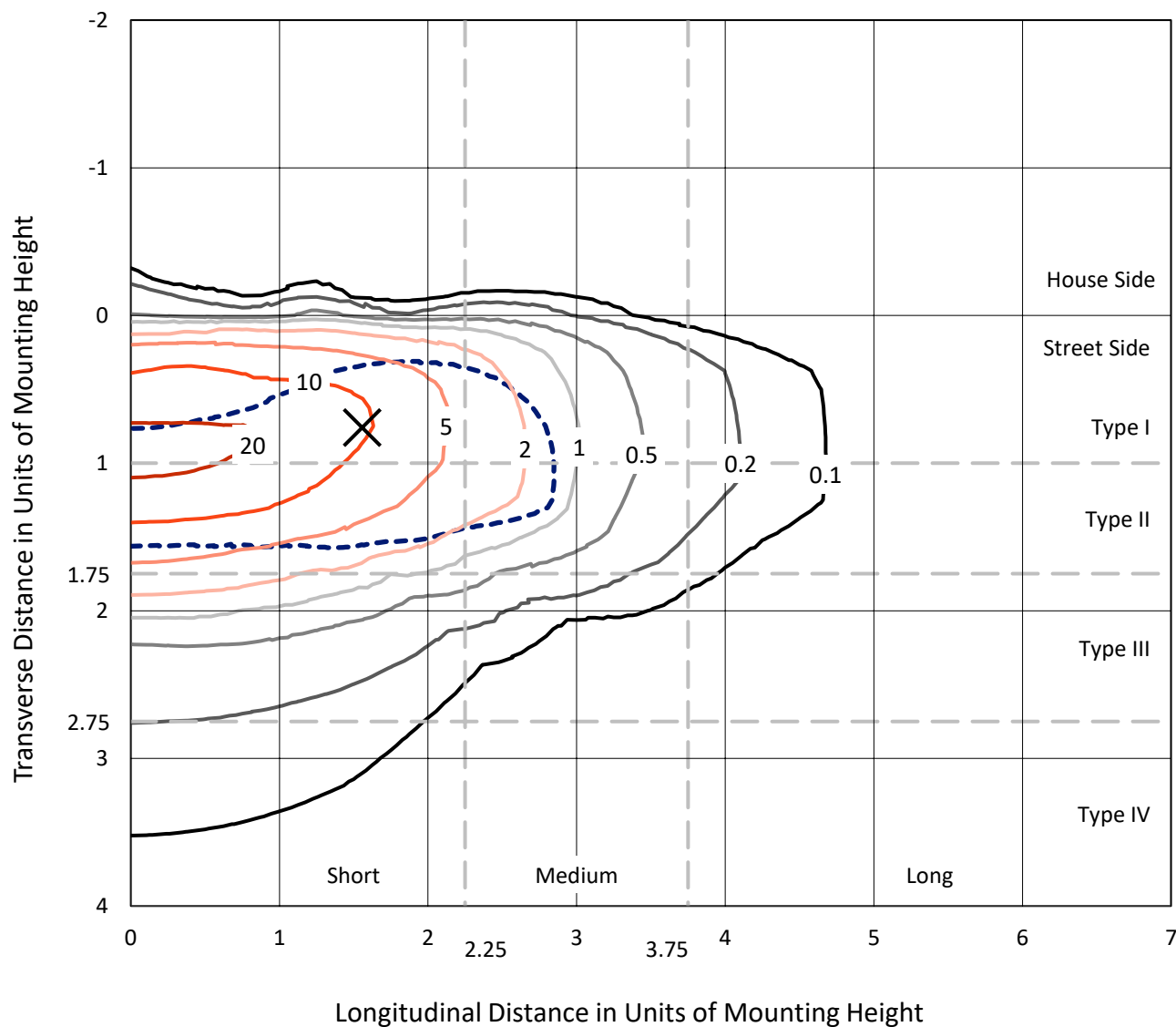
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

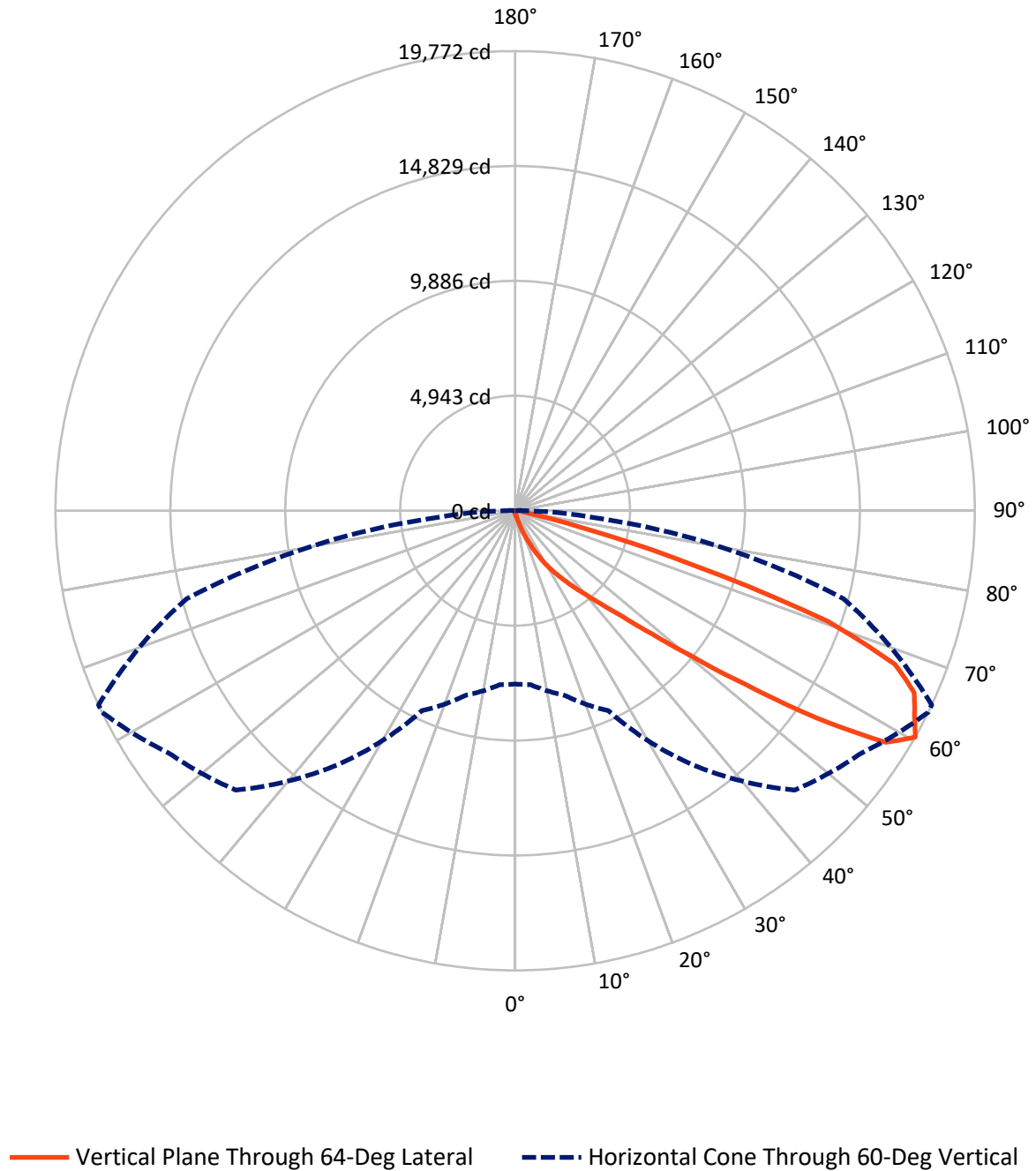


Based on 15 foot mounting height. Maximum calculated value = 25.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	71.3	0.0	71.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17520.8	0.0	17520.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	17592.1	0.0	17592.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.5	0.1
10°-20°	172.9	1.0
20°-30°	574.2	3.3
30°-40°	1532.0	8.7
40°-50°	3894.1	22.1
50°-60°	5676.7	32.3
60°-70°	4384.7	24.9
70°-80°	1204.1	6.8
80°-90°	135.9	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°	17592.1	100.0
0°-180°	17592.1	100.0



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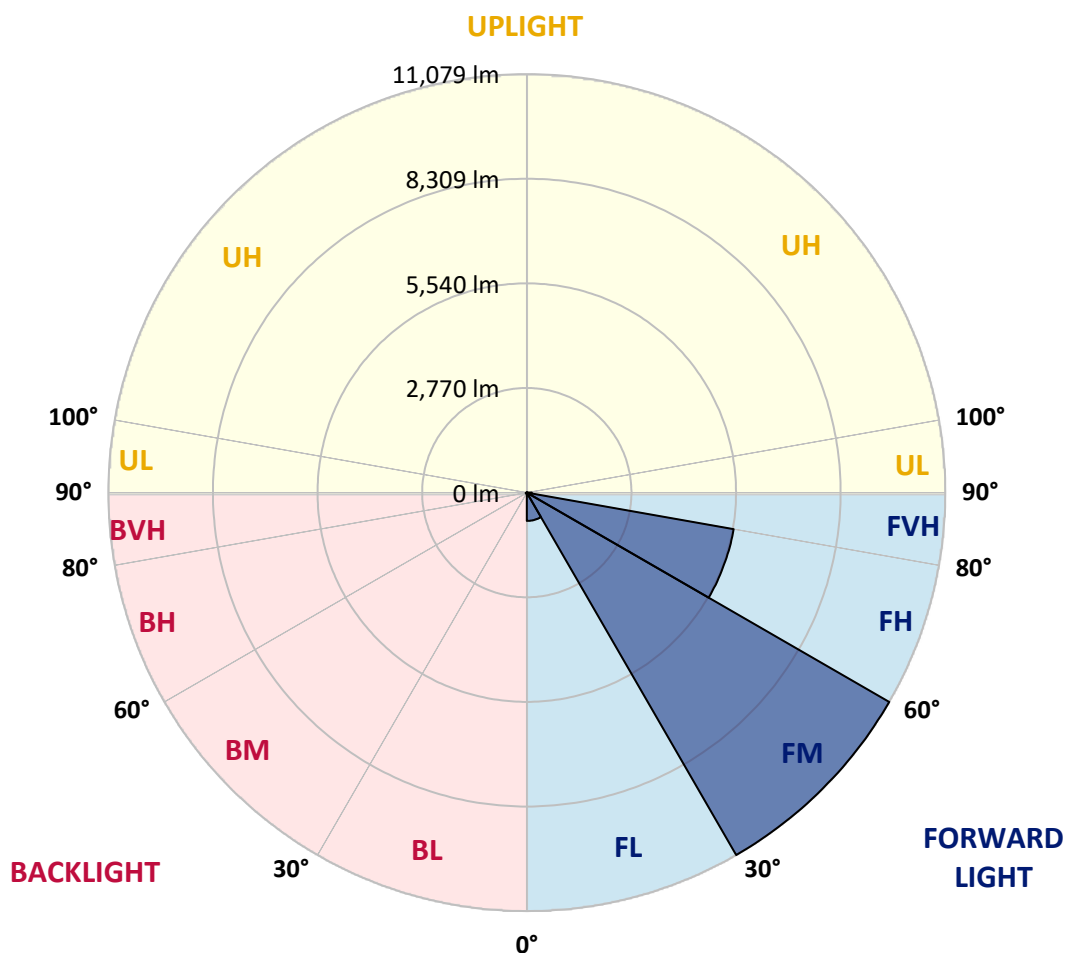
CATALOG NUMBER: NAV-SA6A-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	748.5	4.3			
FM	(30°-60°)	11079.2	63.0			
FH	(60°-80°)	5560.4	31.6			G3/7500
FVH	(80°-90°)	132.7	0.8			G2/225
BL	(0°-30°)	16.0	0.1	B0/110		
BM	(30°-60°)	23.6	0.1	B0/220		
BH	(60°-80°)	28.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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 II Short



REPORT NUMBER: P1067217

CATALOG NUMBER: NAV-SA6A-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
2.5°	155.0	155.0	155.0	150.1	145.3	145.3	140.4	135.6	135.6	125.9	121.1
5°	237.3	237.3	227.6	217.9	203.4	184.0	164.6	150.1	150.1	135.6	125.9
7.5°	464.9	479.4	435.8	382.6	309.9	261.5	208.2	174.3	169.5	145.3	125.9
10°	1007.2	997.6	929.8	799.0	629.5	455.2	290.5	213.1	203.4	155.0	125.9
12.5°	1515.7	1530.2	1457.6	1312.3	1108.9	808.7	498.8	276.0	266.3	169.5	125.9
15°	1951.5	1951.5	1903.1	1830.5	1607.7	1292.9	803.9	411.6	377.7	184.0	121.1
17.5°	2251.8	2246.9	2227.5	2208.2	2077.4	1753.0	1230.0	658.6	581.1	217.9	121.1
20°	2590.7	2576.2	2600.4	2561.7	2460.0	2203.3	1680.3	978.2	905.5	276.0	121.1
22.5°	2944.2	2958.8	2978.1	2939.4	2828.0	2605.3	2154.9	1389.8	1312.3	382.6	125.9
25°	3394.6	3384.9	3428.5	3394.6	3254.2	2992.7	2600.4	1840.1	1728.8	532.7	135.6
27.5°	3946.6	3927.3	3956.3	3869.2	3685.1	3418.8	2997.5	2300.2	2169.4	765.1	155.0
30°	4677.8	4692.4	4561.6	4459.9	4198.4	3844.9	3438.2	2794.1	2658.5	1041.1	174.3
32.5°	5830.4	5728.7	5525.3	5113.7	4769.9	4319.5	3878.8	3225.1	3104.0	1394.6	203.4
35°	7626.9	7646.3	7200.8	6183.9	5438.1	4915.1	4363.1	3699.7	3612.5	1796.6	242.1
37.5°	9815.7	9762.5	9370.2	8087.0	6416.3	5656.0	4915.1	4217.8	4091.9	2232.4	290.5
40°	12295.1	12072.3	11844.7	10973.1	8455.0	6585.8	5612.4	4818.3	4721.4	2736.0	368.0
42.5°	14280.5	14222.4	14261.1	13898.0	11854.4	8169.3	6537.4	5554.3	5438.1	3360.7	503.6
45°	15258.7	15176.4	15408.8	15680.0	15157.0	11539.7	8028.9	6493.8	6338.8	4096.7	711.8
47.5°	14997.2	14939.1	15437.9	15970.5	16667.9	15447.5	10464.6	7898.1	7631.8	5041.0	1021.8
50°	13709.1	13713.9	14532.3	15525.0	16629.1	17428.1	14072.3	9820.6	9486.4	6295.2	1506.0
52.5°	12454.9	12493.6	13360.4	14808.3	16052.9	17660.6	17239.3	12411.3	11868.9	7772.2	2077.4
55°	11166.8	11186.2	11951.3	13990.0	15781.7	16968.1	18866.3	15747.8	15171.5	9612.3	2634.3
57.5°	9927.1	9927.1	10212.8	12023.9	15486.3	16905.1	18672.6	18798.6	18328.8	11714.0	3045.9
60°	7457.4	7505.9	8217.7	9486.4	13355.6	16997.1	18178.7	19771.9	19771.9	14629.2	3360.7
62.5°	3767.5	3840.1	4726.3	5961.1	9162.0	15728.4	18256.2	19282.8	19360.3	17200.5	4077.4
65°	1767.5	1849.8	2324.4	3196.0	4929.7	11069.9	17452.3	18866.3	18842.1	16711.4	5588.2
67.5°	1268.7	1292.9	1452.7	1864.4	2653.7	4852.2	13321.7	17621.8	17631.5	14198.2	6426.0
70°	1138.0	1138.0	1176.7	1297.8	1598.0	2169.4	6474.4	14270.8	14963.3	10963.4	5956.3
72.5°	1123.5	1113.8	1104.1	1108.9	1079.9	1089.6	2222.7	8057.9	9045.8	7670.5	4750.5
75°	1094.4	1094.4	1084.7	1050.8	862.0	702.2	765.1	3259.0	3767.5	5123.4	3525.3
77.5°	866.8	954.0	1055.7	992.7	789.3	527.8	445.5	944.3	1191.3	3142.8	2556.8
80°	401.9	406.8	401.9	421.3	503.6	377.7	329.3	460.0	464.9	1743.3	1583.5
82.5°	290.5	295.4	280.9	251.8	222.8	203.4	271.2	339.0	363.2	799.0	590.8
85°	87.2	82.3	96.8	130.7	155.0	179.2	227.6	285.7	300.2	295.4	87.2
87.5°	38.7	38.7	48.4	67.8	92.0	135.6	198.5	261.5	266.3	305.1	24.2
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-SA6A-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2
2.5°	121.1	116.2	111.4	106.5	101.7	96.8	92.0	92.0	96.8	96.8	96.8
5°	116.2	111.4	101.7	92.0	87.2	82.3	77.5	77.5	82.3	82.3	82.3
7.5°	116.2	106.5	96.8	87.2	77.5	72.6	67.8	67.8	67.8	72.6	72.6
10°	116.2	106.5	92.0	77.5	67.8	63.0	58.1	53.3	58.1	58.1	58.1
12.5°	111.4	101.7	87.2	72.6	58.1	48.4	43.6	43.6	43.6	43.6	43.6
15°	106.5	96.8	82.3	63.0	48.4	38.7	29.1	29.1	29.1	33.9	33.9
17.5°	101.7	92.0	72.6	48.4	33.9	24.2	19.4	19.4	19.4	24.2	24.2
20°	101.7	87.2	63.0	38.7	24.2	14.5	9.7	9.7	9.7	14.5	19.4
22.5°	101.7	87.2	58.1	29.1	14.5	9.7	4.8	4.8	4.8	4.8	4.8
25°	101.7	82.3	53.3	24.2	9.7	4.8	0.0	0.0	4.8	9.7	14.5
27.5°	101.7	77.5	43.6	14.5	9.7	4.8	0.0	4.8	9.7	9.7	9.7
30°	101.7	77.5	38.7	14.5	4.8	0.0	0.0	4.8	9.7	9.7	14.5
32.5°	106.5	72.6	33.9	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	111.4	67.8	29.1	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	121.1	67.8	19.4	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	135.6	72.6	19.4	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	169.5	77.5	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	237.3	96.8	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	348.7	145.3	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	508.5	198.5	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	624.7	198.5	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	619.8	125.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	474.6	87.2	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	401.9	63.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	484.2	48.4	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	862.0	43.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1385.0	43.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1549.6	43.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1210.6	38.7	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	663.4	33.9	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	334.1	24.2	9.7	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	140.4	19.4	9.7	4.8	4.8	4.8	0.0	0.0	0.0	0.0	0.0
82.5°	48.4	19.4	9.7	9.7	4.8	4.8	0.0	0.0	0.0	0.0	0.0
85°	24.2	14.5	14.5	9.7	9.7	4.8	4.8	0.0	0.0	0.0	0.0
87.5°	14.5	14.5	14.5	9.7	9.7	4.8	4.8	0.0	0.0	0.0	4.8
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 $\text{W}^{\wedge}/\text{nm}$	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			

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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)