

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: P1067204

Luminaire Tested: **NAV-SA2D-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067204
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2D-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 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: 10103.1 lumens
Efficiency: N/A
Efficacy: 94.4 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): 107
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

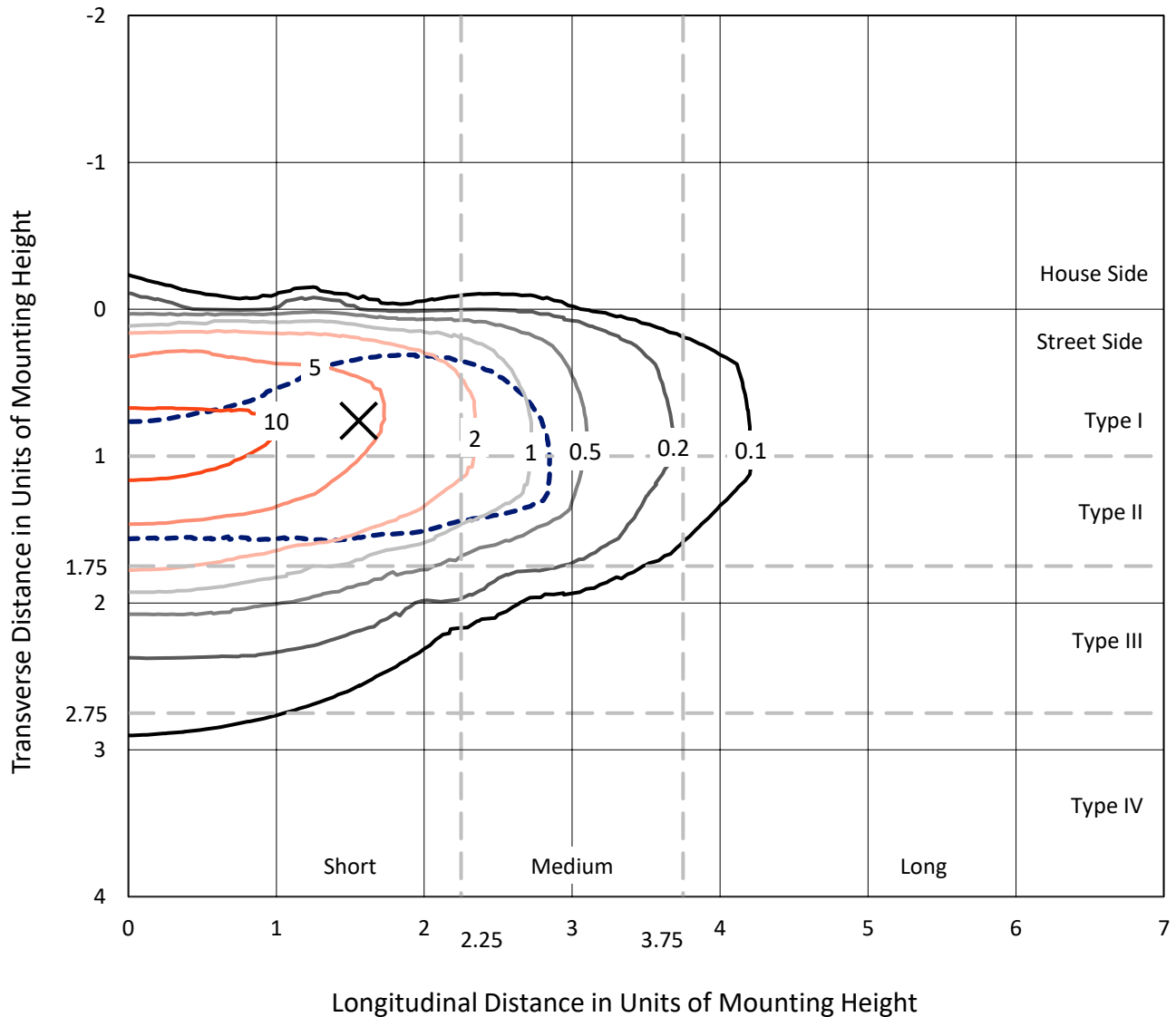


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

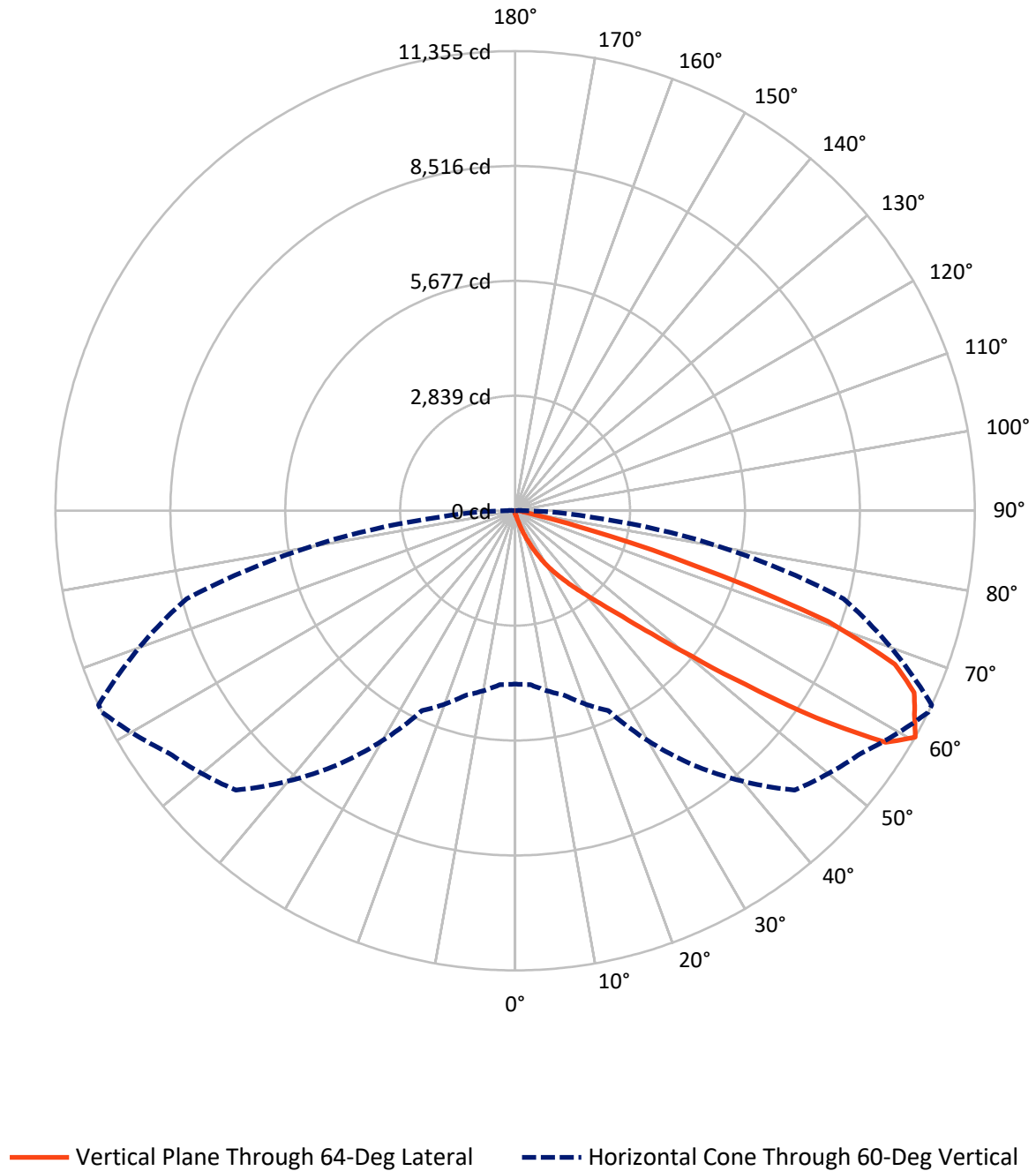


Based on 15 foot mounting height. Maximum calculated value = 14.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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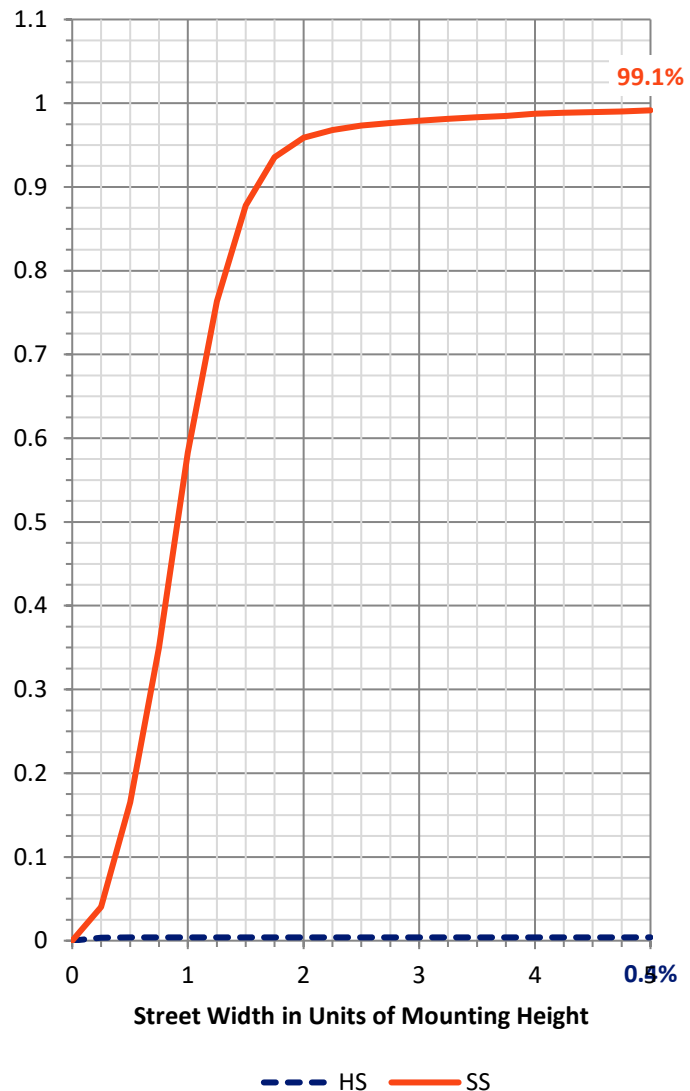
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	41.0	0.0	41.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10062.2	0.0	10062.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	10103.1	0.0	10103.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.1	0.1
10°-20°	99.3	1.0
20°-30°	329.7	3.3
30°-40°	879.9	8.7
40°-50°	2236.4	22.1
50°-60°	3260.1	32.3
60°-70°	2518.1	24.9
70°-80°	691.5	6.8
80°-90°	78.1	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°	10103.1	100.0
0°-180°	10103.1	100.0



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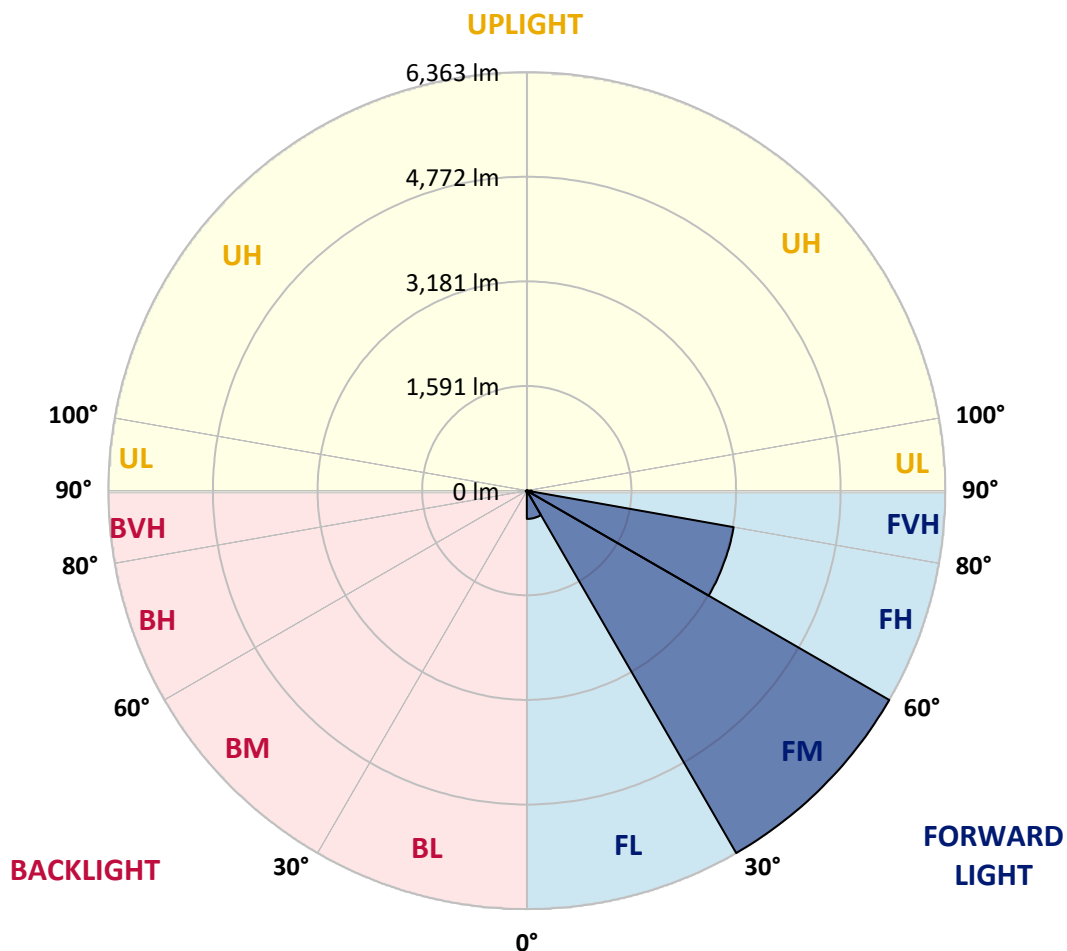
CATALOG NUMBER: NAV-SA2D-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	429.9	4.3			
FM	(30°-60°)	6362.8	63.0			
FH	(60°-80°)	3193.3	31.6			G2/5000
FVH	(80°-90°)	76.2	0.8			G1/100
BL	(0°-30°)	9.2	0.1	B0/110		
BM	(30°-60°)	13.6	0.1	B0/220		
BH	(60°-80°)	16.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.9	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-G2

Type II Short





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CATALOG NUMBER: NAV-SA2D-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
2.5°	89.0	89.0	89.0	86.2	83.4	83.4	80.6	77.9	77.9	72.3	69.5
5°	136.3	136.3	130.7	125.1	116.8	105.7	94.6	86.2	86.2	77.9	72.3
7.5°	267.0	275.3	250.3	219.7	178.0	150.2	119.6	100.1	97.3	83.4	72.3
10°	578.5	572.9	534.0	458.9	361.5	261.4	166.9	122.4	116.8	89.0	72.3
12.5°	870.5	878.8	837.1	753.7	636.9	464.4	286.4	158.5	153.0	97.3	72.3
15°	1120.8	1120.8	1092.9	1051.2	923.3	742.5	461.7	236.4	216.9	105.7	69.5
17.5°	1293.2	1290.4	1279.3	1268.1	1193.1	1006.7	706.4	378.2	333.7	125.1	69.5
20°	1487.8	1479.5	1493.4	1471.2	1412.8	1265.4	965.0	561.8	520.1	158.5	69.5
22.5°	1690.9	1699.2	1710.3	1688.1	1624.1	1496.2	1237.6	798.2	753.7	219.7	72.3
25°	1949.5	1943.9	1969.0	1949.5	1868.8	1718.7	1493.4	1056.8	992.8	305.9	77.9
27.5°	2266.5	2255.4	2272.1	2222.0	2116.4	1963.4	1721.5	1321.0	1245.9	439.4	89.0
30°	2686.5	2694.8	2619.7	2561.3	2411.1	2208.1	1974.5	1604.7	1526.8	597.9	100.1
32.5°	3348.4	3290.0	3173.2	2936.8	2739.3	2480.7	2227.6	1852.2	1782.6	800.9	116.8
35°	4380.1	4391.2	4135.4	3551.4	3123.1	2822.7	2505.7	2124.7	2074.6	1031.8	139.1
37.5°	5637.1	5606.5	5381.3	4644.3	3684.9	3248.2	2822.7	2422.3	2350.0	1282.1	166.9
40°	7061.0	6933.1	6802.4	6301.8	4855.7	3782.2	3223.2	2767.1	2711.5	1571.3	211.4
42.5°	8201.2	8167.9	8190.1	7981.5	6808.0	4691.6	3754.4	3189.8	3123.1	1930.0	289.2
45°	8763.0	8715.7	8849.2	9005.0	8704.6	6627.2	4610.9	3729.4	3640.4	2352.7	408.8
47.5°	8612.8	8579.5	8865.9	9171.8	9572.3	8871.5	6009.8	4535.9	4382.9	2895.0	586.8
50°	7873.1	7875.9	8345.9	8916.0	9550.0	10008.9	8081.7	5639.9	5448.0	3615.3	864.9
52.5°	7152.8	7175.0	7672.9	8504.4	9219.1	10142.4	9900.5	7127.8	6816.3	4463.5	1193.1
55°	6413.0	6424.2	6863.6	8034.4	9063.4	9744.7	10834.9	9043.9	8713.0	5520.3	1512.9
57.5°	5701.1	5701.1	5865.2	6905.3	8893.7	9708.6	10723.6	10795.9	10526.2	6727.3	1749.3
60°	4282.8	4310.6	4719.4	5448.0	7670.1	9761.4	10440.0	11354.9	11354.9	8401.5	1930.0
62.5°	2163.6	2205.4	2714.3	3423.4	5261.7	9032.8	10484.5	11074.0	11118.5	9878.2	2341.6
65°	1015.1	1062.4	1334.9	1835.5	2831.1	6357.4	10022.8	10834.9	10821.0	9597.3	3209.3
67.5°	728.6	742.5	834.3	1070.7	1524.0	2786.6	7650.6	10120.2	10125.7	8154.0	3690.4
70°	653.5	653.5	675.8	745.3	917.7	1245.9	3718.2	8195.7	8593.4	6296.2	3420.7
72.5°	645.2	639.6	634.1	636.9	620.2	625.7	1276.5	4627.6	5195.0	4405.1	2728.2
75°	628.5	628.5	622.9	603.5	495.0	403.2	439.4	1871.6	2163.6	2942.3	2024.6
77.5°	497.8	547.9	606.3	570.1	453.3	303.1	255.9	542.3	684.1	1804.9	1468.4
80°	230.8	233.6	230.8	241.9	289.2	216.9	189.1	264.2	267.0	1001.2	909.4
82.5°	166.9	169.6	161.3	144.6	127.9	116.8	155.7	194.7	208.6	458.9	339.3
85°	50.1	47.3	55.6	75.1	89.0	102.9	130.7	164.1	172.4	169.6	50.1
87.5°	22.2	22.2	27.8	38.9	52.8	77.9	114.0	150.2	153.0	175.2	13.9
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-SA2D-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
2.5°	69.5	66.7	64.0	61.2	58.4	55.6	52.8	52.8	55.6	55.6	55.6
5°	66.7	64.0	58.4	52.8	50.1	47.3	44.5	44.5	47.3	47.3	47.3
7.5°	66.7	61.2	55.6	50.1	44.5	41.7	38.9	38.9	38.9	41.7	41.7
10°	66.7	61.2	52.8	44.5	38.9	36.2	33.4	30.6	33.4	33.4	33.4
12.5°	64.0	58.4	50.1	41.7	33.4	27.8	25.0	25.0	25.0	25.0	25.0
15°	61.2	55.6	47.3	36.2	27.8	22.2	16.7	16.7	16.7	19.5	19.5
17.5°	58.4	52.8	41.7	27.8	19.5	13.9	11.1	11.1	11.1	13.9	13.9
20°	58.4	50.1	36.2	22.2	13.9	8.3	5.6	5.6	5.6	8.3	11.1
22.5°	58.4	50.1	33.4	16.7	8.3	5.6	2.8	2.8	2.8	2.8	2.8
25°	58.4	47.3	30.6	13.9	5.6	2.8	0.0	0.0	2.8	5.6	8.3
27.5°	58.4	44.5	25.0	8.3	5.6	2.8	0.0	2.8	5.6	5.6	5.6
30°	58.4	44.5	22.2	8.3	2.8	0.0	0.0	2.8	5.6	5.6	8.3
32.5°	61.2	41.7	19.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	64.0	38.9	16.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	69.5	38.9	11.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	77.9	41.7	11.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	97.3	44.5	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	136.3	55.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	200.2	83.4	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	292.0	114.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	358.8	114.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	356.0	72.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	272.5	50.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	230.8	36.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	278.1	27.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	495.0	25.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	795.4	25.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	889.9	25.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	695.3	22.2	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	381.0	19.5	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	191.9	13.9	5.6	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	80.6	11.1	5.6	2.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	27.8	11.1	5.6	5.6	2.8	2.8	0.0	0.0	0.0	0.0	0.0
85°	13.9	8.3	8.3	5.6	5.6	2.8	2.8	0.0	0.0	0.0	0.0
87.5°	8.3	8.3	8.3	5.6	5.6	2.8	2.8	0.0	0.0	0.0	2.8
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

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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



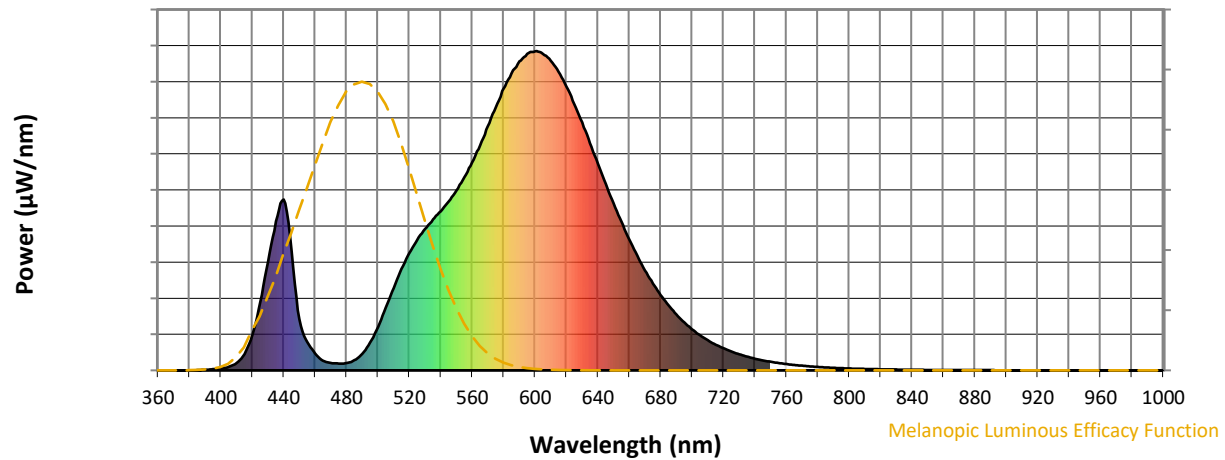
Scotopic Lumens: NR

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

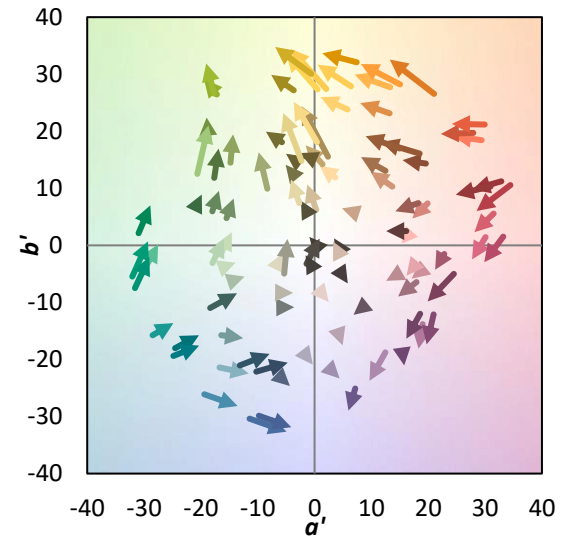
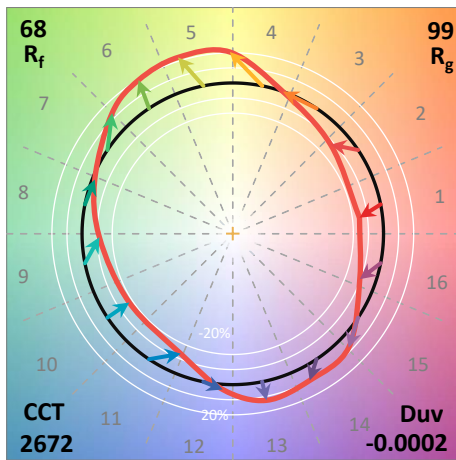
Summary

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

Spectral Power Distribution Comparison



Color Vector Graphics

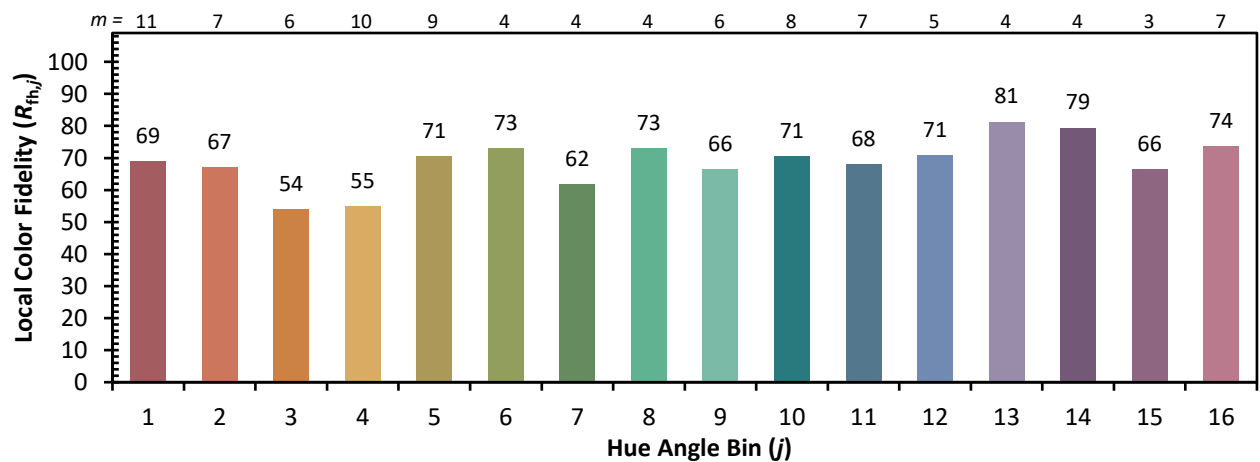


Individual Sample Fidelity Index ($R_{f,i}$)

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)