

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: P1067444

Luminaire Tested: **NAV-SA2D-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067444
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-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 2xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10243.6 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - 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

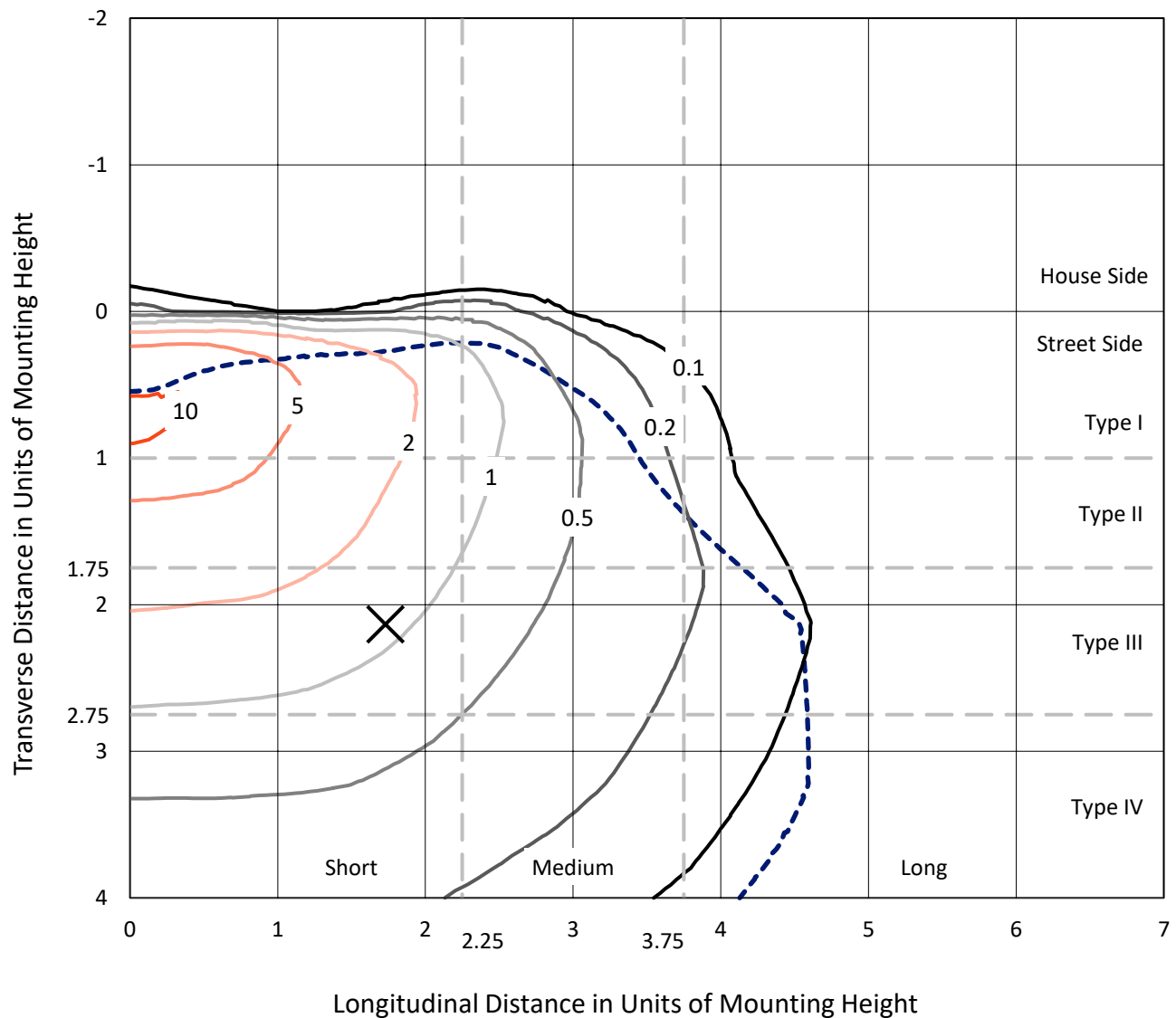


REPORT NUMBER: P1067444

CATALOG NUMBER: NAV-SA2D-727-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

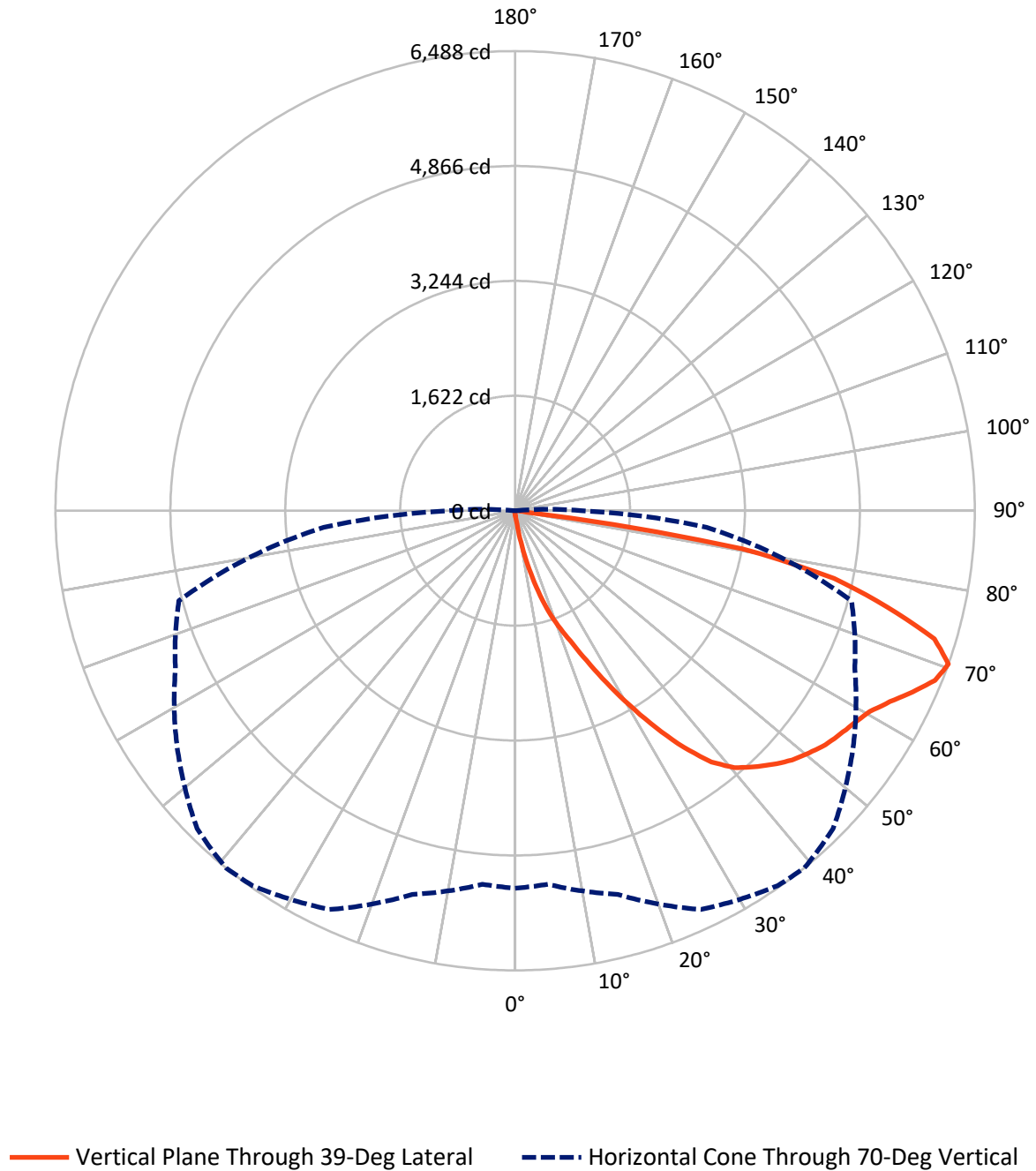


Based on 15 foot mounting height. Maximum calculated value = 11.2 fc
 Type IV - Short - N/A

REPORT NUMBER: P1067444

CATALOG NUMBER: NAV-SA2D-727-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067444

CATALOG NUMBER: NAV-SA2D-727-U-T4BC

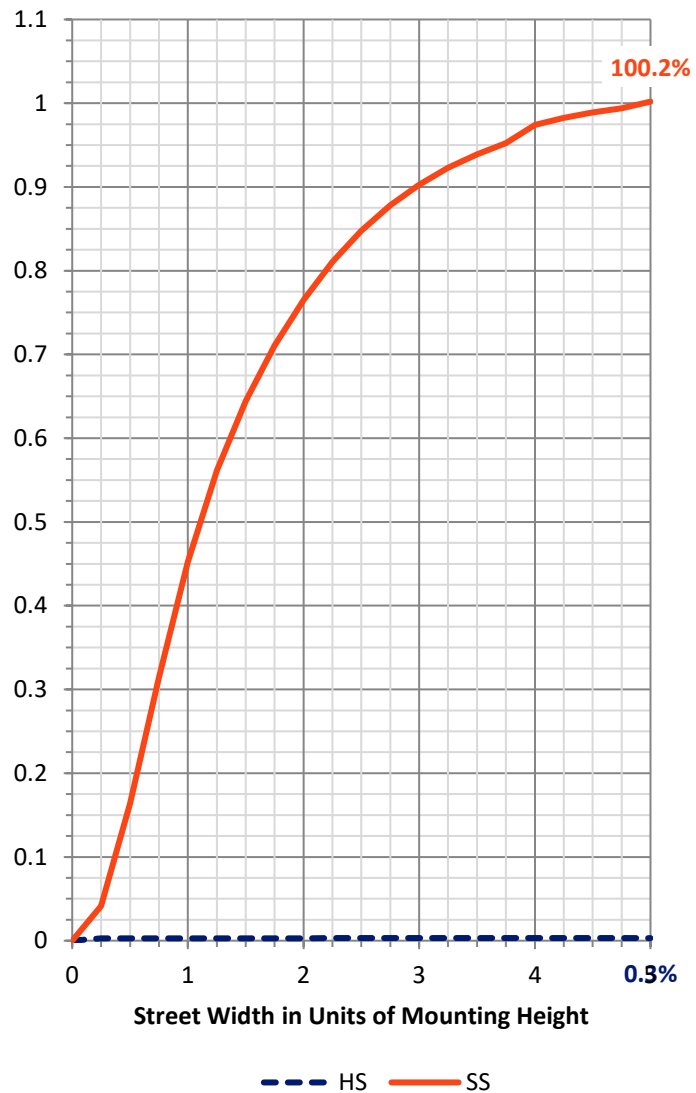
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.6	0.0	31.6
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	10212.0	0.0	10212.0
	% Fixture	99.7	0.0	99.7
Total	Lumens	10243.6	0.0	10243.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.8	0.1
10°-20°	125.9	1.2
20°-30°	427.3	4.2
30°-40°	1004.3	9.8
40°-50°	1630.8	15.9
50°-60°	2066.6	20.2
60°-70°	2625.1	25.6
70°-80°	2132.9	20.8
80°-90°	219.6	2.1
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°	10243.6	100.0
0°-180°	10243.6	100.0



REPORT NUMBER: P1067444

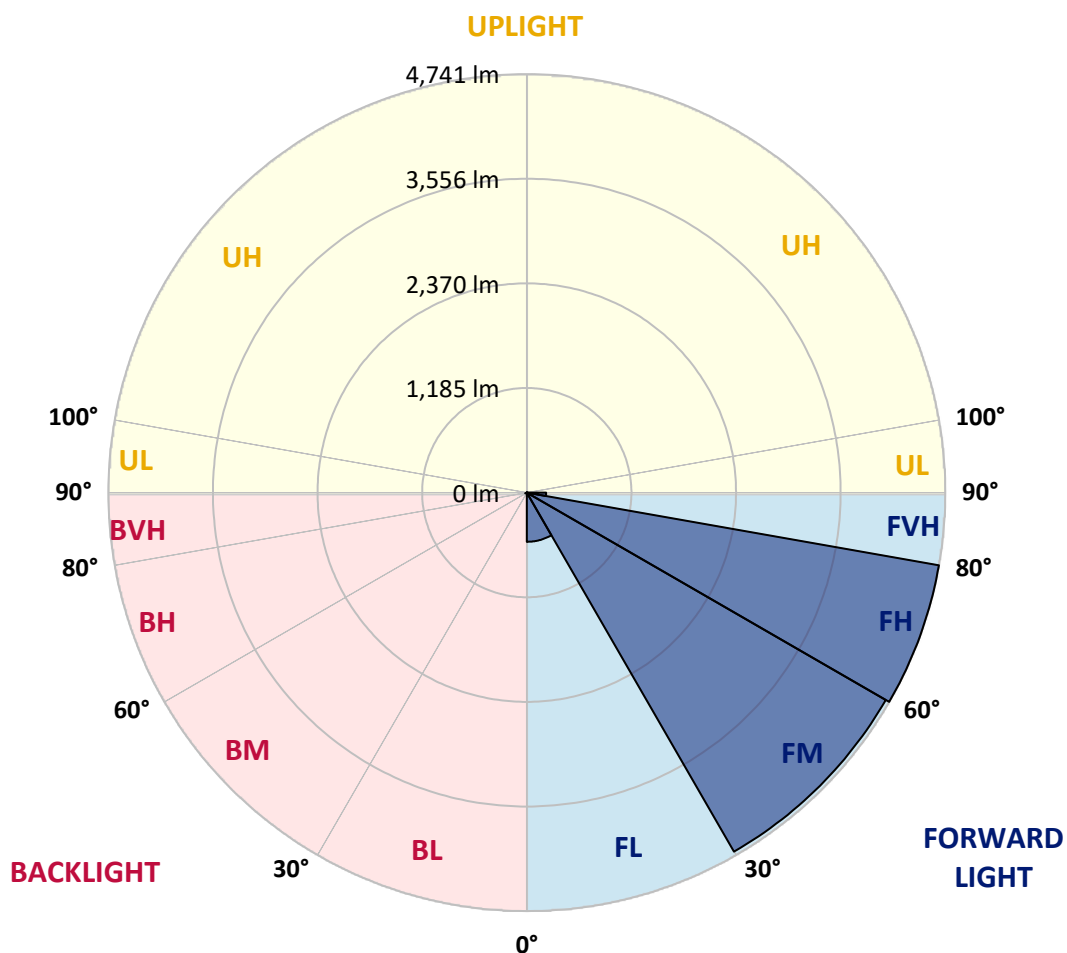
CATALOG NUMBER: NAV-SA2D-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	557.2	5.4			
FM	(30°-60°)	4695.7	45.8			
FH	(60°-80°)	4740.7	46.3			G2/5000
FVH	(80°-90°)	218.3	2.1			G2/225
BL	(0°-30°)	6.8	0.1	B0/110		
BM	(30°-60°)	6.1	0.1	B0/220		
BH	(60°-80°)	17.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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 IV Short



REPORT NUMBER: P1067444

CATALOG NUMBER: NAV-SA2D-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	72.3	72.3	72.3	69.5	69.5	66.7	66.7	64.0	61.2	61.2	58.4
5°	136.3	139.1	130.7	114.0	102.9	97.3	91.8	77.9	69.5	64.0	58.4
7.5°	372.7	361.5	344.9	289.2	222.5	189.1	161.3	114.0	83.4	66.7	58.4
10°	784.3	753.7	706.4	631.3	500.6	447.8	347.6	208.6	116.8	75.1	58.4
12.5°	1151.4	1156.9	1098.5	1026.2	867.7	778.7	642.4	392.1	183.6	89.0	58.4
15°	1429.5	1423.9	1401.7	1343.3	1201.4	1115.2	992.8	659.1	308.7	111.2	61.2
17.5°	1649.2	1626.9	1618.6	1593.6	1501.8	1454.5	1321.0	970.6	489.5	150.2	64.0
20°	1868.9	1863.3	1855.0	1827.2	1766.0	1732.6	1629.7	1284.9	728.6	214.1	69.5
22.5°	2188.7	2158.1	2163.7	2102.5	2052.4	1994.0	1910.6	1618.6	1004.0	305.9	77.9
25°	2564.2	2561.4	2516.9	2489.1	2405.6	2341.7	2230.4	1941.2	1309.9	442.2	86.2
27.5°	3006.4	2975.8	2956.3	2909.0	2822.8	2750.5	2597.5	2261.0	1640.8	595.2	97.3
30°	3468.0	3468.0	3431.9	3359.6	3276.1	3187.1	3031.4	2597.5	1969.0	789.8	111.2
32.5°	4007.5	4018.7	3929.7	3821.2	3712.8	3651.6	3448.6	2978.5	2283.3	1012.3	127.9
35°	4530.4	4516.5	4369.1	4249.5	4168.9	4102.1	3929.7	3395.7	2639.3	1271.0	150.2
37.5°	5031.0	4994.8	4750.1	4580.5	4544.3	4499.8	4327.4	3812.9	2992.5	1557.4	178.0
40°	5389.8	5334.1	5081.1	4847.4	4794.6	4769.6	4636.1	4191.1	3365.1	1877.2	214.1
42.5°	5545.5	5481.5	5306.3	5117.2	5000.4	4942.0	4825.2	4499.8	3737.8	2233.2	267.0
45°	5576.1	5526.0	5400.9	5356.4	5197.9	5108.9	4950.3	4719.5	4085.4	2586.4	339.3
47.5°	5464.8	5442.6	5367.5	5462.1	5381.4	5259.0	5067.1	4883.6	4394.1	3014.7	439.4
50°	5192.3	5175.6	5211.8	5459.3	5514.9	5375.8	5195.1	5011.5	4661.1	3456.9	581.2
52.5°	4825.2	4822.4	4992.1	5387.0	5573.3	5487.1	5320.2	5139.5	4872.5	3885.2	781.5
55°	4424.7	4472.0	4769.6	5320.2	5606.7	5567.7	5442.6	5253.5	5061.6	4282.9	1104.1
57.5°	4391.3	4371.9	4658.3	5292.4	5626.1	5648.4	5565.0	5373.1	5222.9	4608.3	1535.2
60°	4725.1	4680.6	4789.0	5350.8	5712.4	5751.3	5687.3	5464.8	5384.2	4864.1	2102.5
62.5°	5111.6	5069.9	5125.5	5576.1	5882.0	5937.6	5857.0	5559.4	5514.9	5042.1	2711.6
65°	5420.3	5387.0	5492.7	5912.6	6118.4	6165.7	6110.1	5734.6	5573.3	5186.7	3206.6
67.5°	5470.4	5428.7	5648.4	6137.9	6357.6	6390.9	6346.4	5904.3	5553.8	5197.9	3320.6
70°	5328.6	5292.4	5606.7	6210.2	6460.5	6488.3	6346.4	5823.6	5289.6	4914.2	2714.3
72.5°	4891.9	4919.7	5325.8	6035.0	6318.6	6190.7	5890.3	5417.6	4947.6	4166.1	1905.0
75°	4213.4	4243.9	4783.5	5553.8	5576.1	5420.3	5259.0	4983.7	4427.5	2744.9	1321.0
77.5°	2995.2	2886.8	3693.3	4586.0	4505.4	4605.5	4619.4	4146.6	3707.2	1429.5	884.4
80°	294.8	250.3	464.4	1315.5	2906.2	3248.3	3381.8	3195.5	2733.8	639.7	464.4
82.5°	64.0	64.0	69.5	75.1	116.8	175.2	803.7	1969.0	1766.0	325.4	150.2
85°	36.2	36.2	44.5	52.8	69.5	77.9	91.8	122.4	475.6	116.8	27.8
87.5°	27.8	30.6	36.2	44.5	58.4	64.0	77.9	97.3	119.6	108.5	8.3
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: P1067444

CATALOG NUMBER: NAV-SA2D-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	58.4	55.6	52.8	50.1	47.3	47.3	44.5	44.5	44.5	44.5	44.5
5°	55.6	52.8	50.1	44.5	41.7	38.9	36.2	36.2	36.2	36.2	36.2
7.5°	55.6	52.8	47.3	41.7	36.2	33.4	30.6	27.8	27.8	30.6	30.6
10°	55.6	50.1	41.7	36.2	30.6	27.8	25.0	22.2	22.2	22.2	22.2
12.5°	52.8	47.3	38.9	33.4	27.8	22.2	16.7	13.9	13.9	13.9	13.9
15°	50.1	44.5	36.2	27.8	19.5	13.9	11.1	8.3	8.3	8.3	8.3
17.5°	50.1	41.7	33.4	25.0	13.9	8.3	5.6	2.8	2.8	2.8	5.6
20°	50.1	41.7	30.6	19.5	8.3	5.6	5.6	2.8	0.0	2.8	2.8
22.5°	50.1	38.9	25.0	13.9	8.3	5.6	2.8	0.0	0.0	0.0	0.0
25°	52.8	38.9	22.2	11.1	5.6	2.8	0.0	0.0	0.0	0.0	0.0
27.5°	52.8	36.2	19.5	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
30°	55.6	36.2	16.7	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	55.6	33.4	11.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	55.6	30.6	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	55.6	27.8	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	58.4	25.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	61.2	22.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	64.0	19.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	72.3	19.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	83.4	19.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	100.1	19.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	130.7	16.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	189.1	16.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	317.0	16.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	556.2	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	940.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1226.5	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	931.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	445.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	197.5	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	86.2	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	33.4	5.6	2.8	2.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	13.9	5.6	2.8	2.8	2.8	2.8	2.8	0.0	0.0	0.0	0.0
85°	8.3	5.6	5.6	5.6	2.8	2.8	2.8	0.0	0.0	0.0	0.0
87.5°	5.6	5.6	5.6	5.6	5.6	2.8	2.8	0.0	0.0	0.0	0.0
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

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 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			

REPORT NUMBER: SP1-2407-184-3

TM-30-18

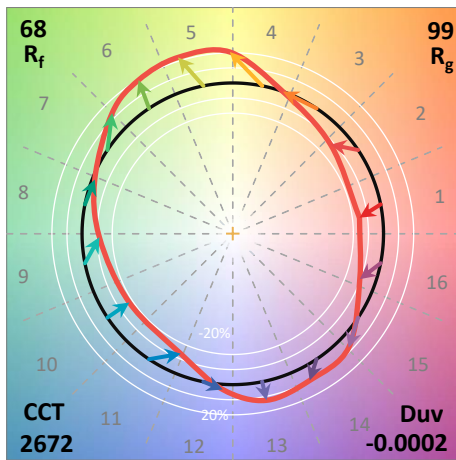
Summary

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

Spectral Power Distribution Comparison

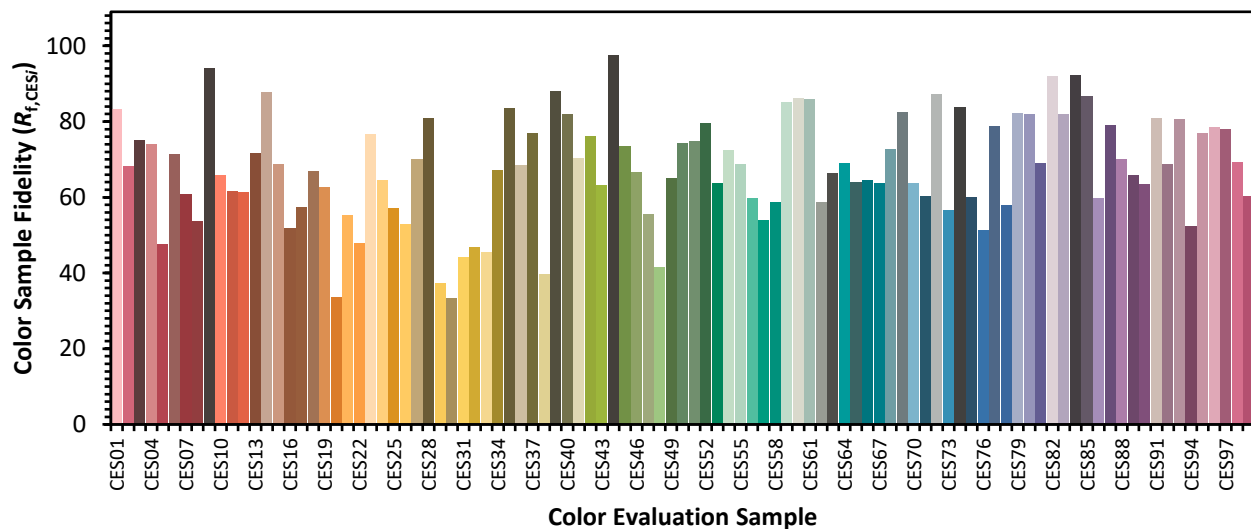


Color Vector Graphics

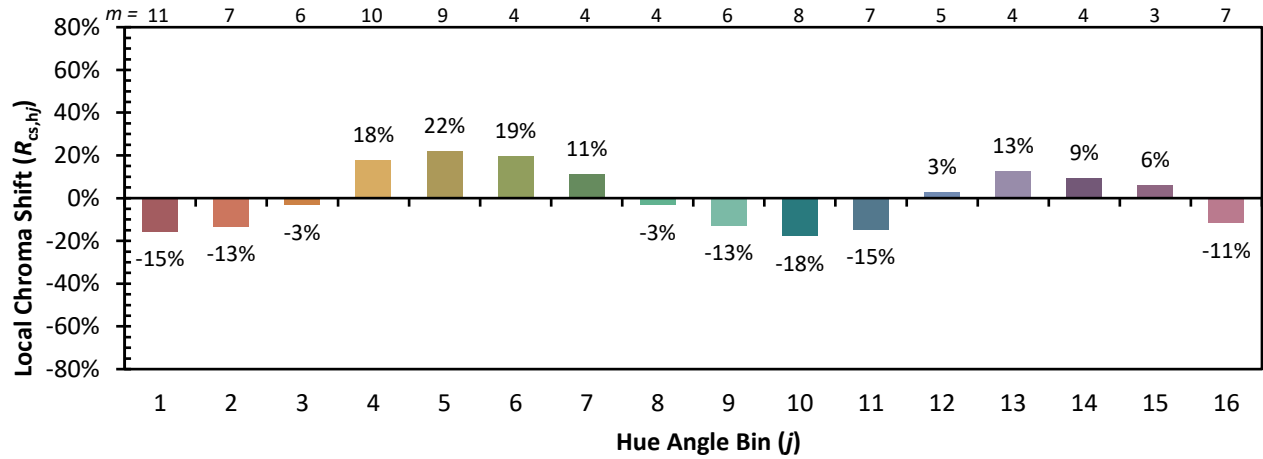


Individual Sample Fidelity Index ($R_{f,i}$)

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)