

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: P1067016

Luminaire Tested: **NAV-SA3D-735-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067016
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3D-735-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 3xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17739.8 lumens
Efficiency: N/A
Efficacy: 110.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 160.9
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

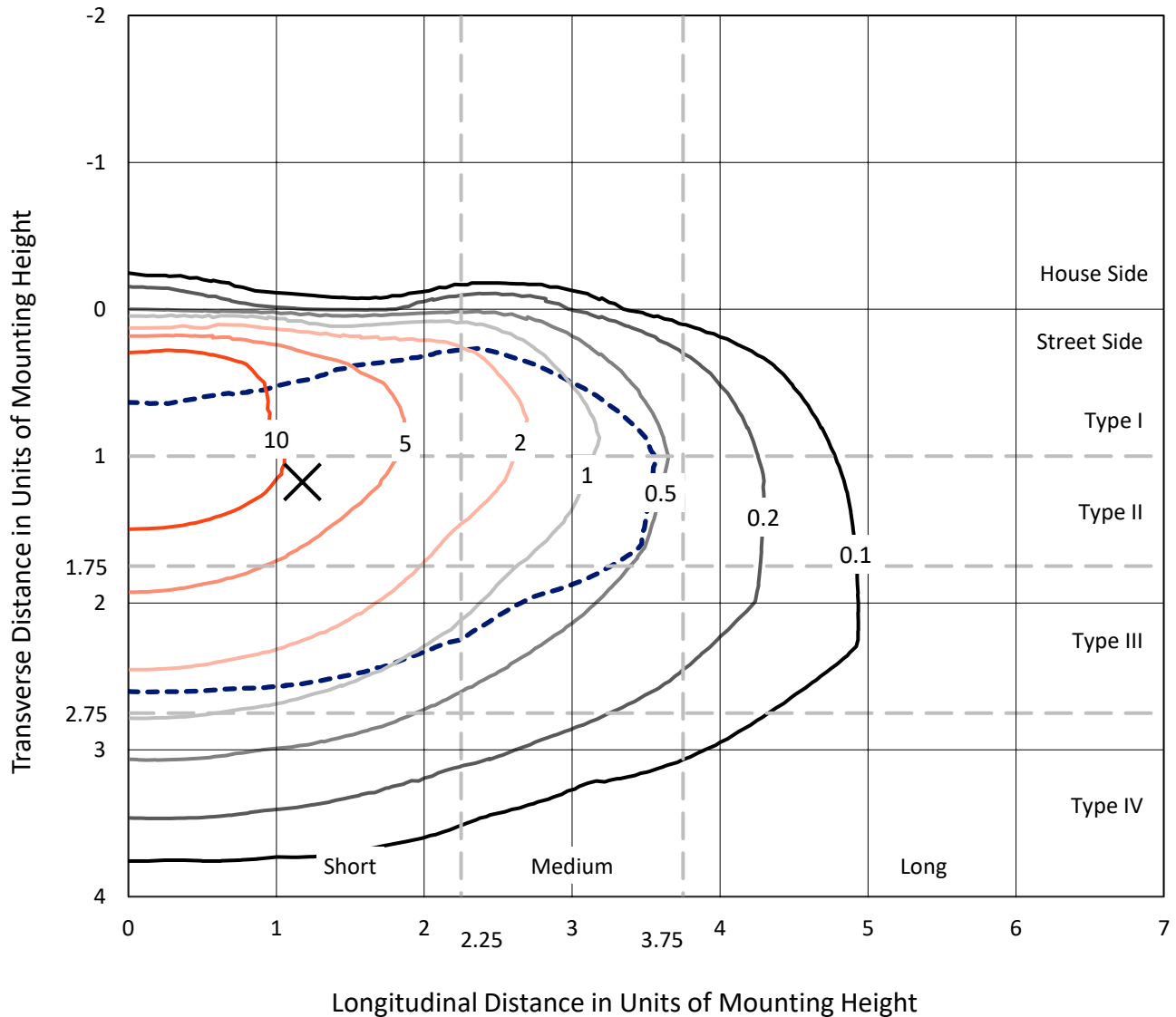


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

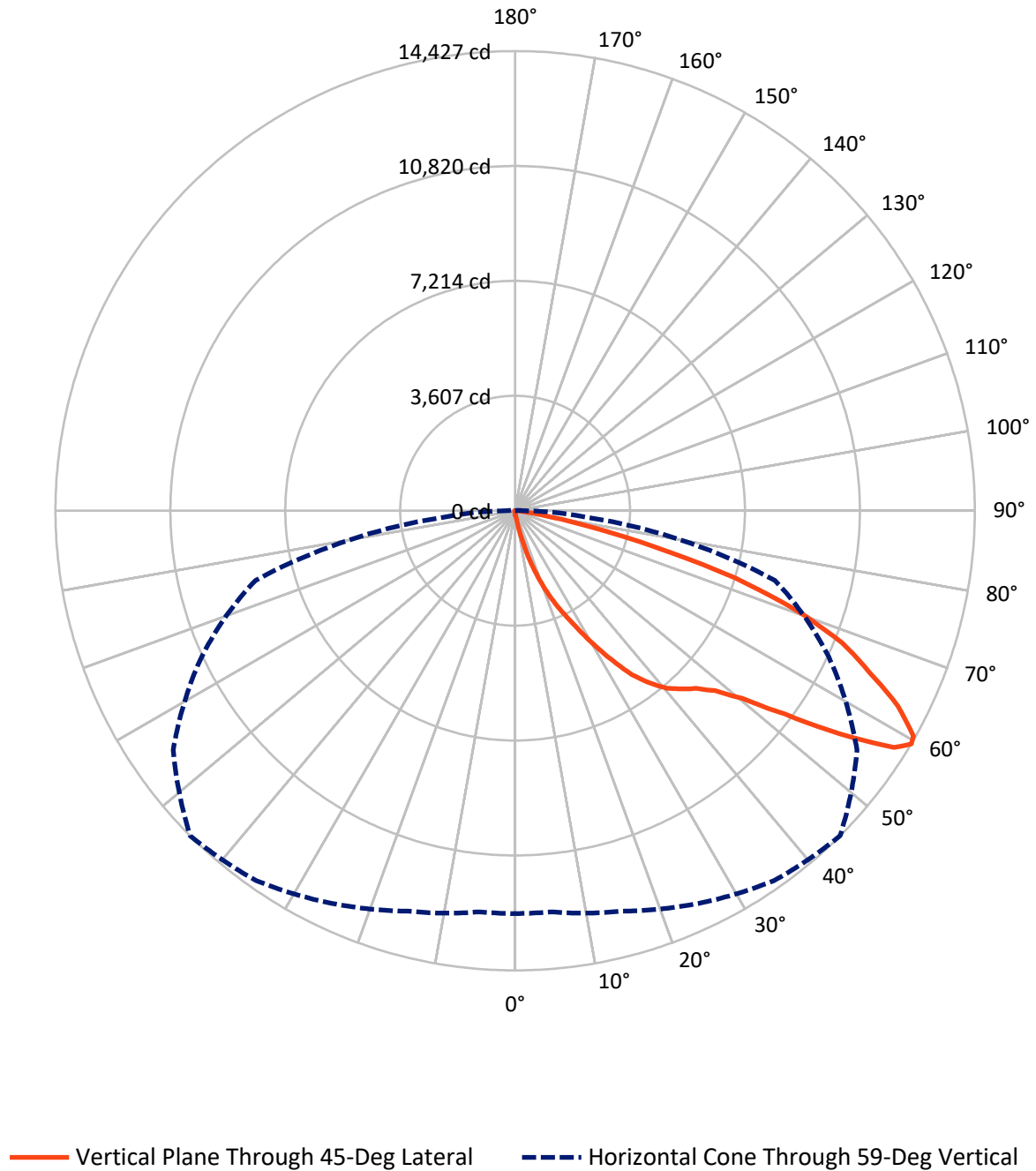


Based on 15 foot mounting height. Maximum calculated value = 19.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: NAV-SA3D-735-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	63.0	0.0	63.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17676.8	0.0	17676.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	17739.8	0.0	17739.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	0.1
10°-20°	196.1	1.1
20°-30°	704.5	4.0
30°-40°	1637.1	9.2
40°-50°	2790.4	15.7
50°-60°	4597.8	25.9
60°-70°	5316.1	30.0
70°-80°	2284.0	12.9
80°-90°	197.4	1.1
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°	17739.8	100.0
0°-180°	17739.8	100.0



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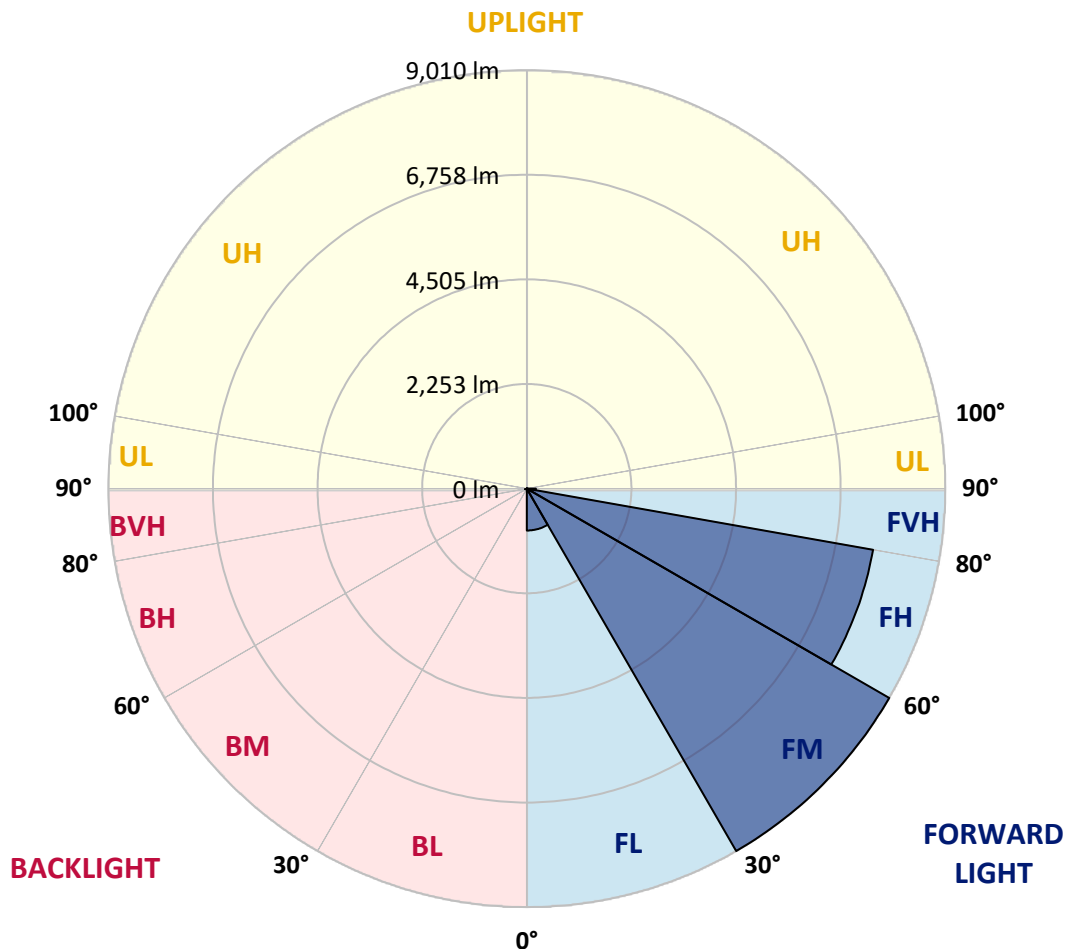
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	901.6	5.1			
FM	(30°-60°)	9010.1	50.8			
FH	(60°-80°)	7570.4	42.7			G4/12000
FVH	(80°-90°)	194.8	1.1			G2/225
BL	(0°-30°)	15.5	0.1	B0/110		
BM	(30°-60°)	15.2	0.1	B0/220		
BH	(60°-80°)	29.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1
2.5°	145.5	145.5	141.9	137.2	136.0	132.4	132.4	128.8	124.1	120.5	115.7
5°	211.1	209.9	200.4	188.5	173.0	163.4	163.4	150.3	138.4	127.6	118.1
7.5°	461.6	450.9	416.3	359.0	283.9	233.8	230.2	187.3	158.6	137.2	119.3
10°	1059.2	1022.3	973.3	836.2	617.9	431.8	423.5	273.2	189.7	147.9	121.7
12.5°	1735.6	1765.4	1667.6	1451.7	1196.4	889.9	830.2	460.4	250.5	162.2	124.1
15°	2351.1	2343.9	2289.0	2112.5	1817.9	1409.9	1372.9	800.4	359.0	184.9	126.4
17.5°	2811.5	2803.1	2750.7	2637.3	2410.7	2002.8	1970.6	1276.3	563.0	217.1	128.8
20°	3297.0	3286.2	3212.3	3121.6	2923.6	2576.5	2538.3	1808.3	881.5	269.6	128.8
22.5°	3879.1	3858.8	3780.1	3626.2	3417.5	3115.7	3081.1	2352.3	1276.3	355.5	134.8
25°	4582.8	4548.3	4439.7	4301.3	4049.7	3648.9	3611.9	2958.2	1752.3	485.5	140.8
27.5°	5385.6	5391.6	5244.9	5011.1	4673.5	4264.4	4195.2	3501.0	2244.9	671.6	147.9
30°	6338.7	6279.1	6072.7	5800.7	5472.7	4951.4	4884.6	4041.3	2798.4	945.9	159.8
32.5°	7230.9	7166.5	6888.6	6546.2	6194.4	5644.5	5589.6	4648.5	3301.8	1270.4	181.3
35°	7996.7	7951.4	7562.5	7145.0	6832.5	6341.1	6324.4	5326.0	3893.4	1619.9	205.2
37.5°	8670.7	8588.4	8088.6	7655.6	7338.3	6898.1	6862.3	5946.3	4463.6	2025.4	241.0
40°	9245.6	9200.3	8590.8	8021.8	7764.1	7370.5	7325.2	6490.2	5052.8	2496.6	285.1
42.5°	9861.1	9801.5	9209.8	8571.7	8096.9	7675.9	7646.0	6938.7	5577.7	3014.3	350.7
45°	10556.5	10445.6	9926.7	9354.2	8632.5	7992.0	7958.6	7338.3	6115.6	3570.1	430.6
47.5°	11299.7	11203.0	10783.2	10381.2	9551.0	8513.2	8441.6	7678.2	6650.0	4211.9	532.0
50°	12055.9	12058.3	11743.4	11550.2	10673.4	9360.1	9258.7	8178.0	7211.8	4898.9	682.3
52.5°	12936.2	12958.9	12954.1	12811.0	12131.1	10745.0	10609.0	8936.7	7864.3	5700.5	889.9
55°	13304.8	13345.4	13609.0	13926.3	13741.4	12500.8	12355.3	10245.2	8729.1	6594.0	1197.6
57.5°	13003.0	13048.4	13412.2	13968.0	14392.7	14038.4	14021.7	11948.6	9868.3	7677.0	1701.0
59°	12644.0	12638.0	13011.4	13600.6	14173.2	14403.4	14427.3	13100.8	10860.7	8436.9	2135.2
60°	12405.4	12410.2	12658.3	13263.1	13871.4	14271.0	14364.0	13779.6	11440.4	8983.2	2507.3
62.5°	11484.6	11539.4	11736.2	12298.1	12875.4	13321.5	13480.2	14384.3	13099.6	10273.8	3801.5
65°	10483.8	10487.4	10767.7	11248.4	11801.8	12115.6	12215.8	13443.2	14207.8	11588.3	5498.9
67.5°	8698.1	8770.9	9089.4	9868.3	10599.5	10996.7	11073.0	11701.7	13748.5	12444.8	6349.4
70°	6087.0	6182.4	6636.9	7647.2	8736.3	9388.8	9384.0	9727.5	12100.1	12063.1	5383.2
72.5°	3039.3	3203.9	3574.9	4656.8	5976.1	7000.7	7216.6	7825.0	9720.4	10019.8	4016.3
75°	1343.1	1352.7	1563.8	2108.9	2970.1	4271.5	4464.8	6211.1	7457.6	6963.7	2901.0
77.5°	781.3	788.5	826.6	947.1	1203.6	2093.4	2310.5	4073.5	5269.9	4047.3	1891.8
80°	283.9	291.1	289.9	359.0	527.2	824.2	918.5	1974.1	3515.3	2131.6	991.2
82.5°	174.2	174.2	168.2	169.4	192.0	316.1	345.9	840.9	1711.7	1049.7	283.9
85°	85.9	90.7	96.6	108.5	128.8	156.3	165.8	241.0	576.1	254.1	68.0
87.5°	51.3	52.5	57.3	69.2	85.9	112.1	119.3	163.4	206.4	170.6	16.7
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-SA3D-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1
2.5°	113.3	112.1	106.2	101.4	96.6	91.8	88.3	84.7	84.7	85.9	84.7
5°	113.3	108.5	99.0	90.7	83.5	77.5	71.6	66.8	65.6	65.6	66.8
7.5°	112.1	106.2	93.0	82.3	72.8	64.4	58.4	52.5	51.3	52.5	51.3
10°	110.9	103.8	88.3	75.1	62.0	53.7	45.3	39.4	39.4	39.4	40.6
12.5°	110.9	100.2	83.5	68.0	53.7	44.1	35.8	29.8	28.6	28.6	28.6
15°	109.7	97.8	78.7	59.6	45.3	33.4	26.2	20.3	20.3	20.3	20.3
17.5°	107.4	94.2	72.8	52.5	35.8	25.0	17.9	11.9	11.9	14.3	14.3
20°	105.0	90.7	65.6	42.9	29.8	19.1	11.9	7.2	7.2	10.7	11.9
22.5°	106.2	90.7	60.8	38.2	23.9	14.3	9.5	6.0	4.8	8.3	10.7
25°	107.4	88.3	54.9	33.4	17.9	10.7	7.2	2.4	1.2	2.4	3.6
27.5°	107.4	85.9	47.7	26.2	13.1	8.3	3.6	0.0	0.0	0.0	0.0
30°	106.2	82.3	41.7	21.5	9.5	4.8	1.2	0.0	0.0	0.0	0.0
32.5°	105.0	78.7	38.2	16.7	8.3	2.4	0.0	0.0	0.0	0.0	0.0
35°	106.2	74.0	33.4	13.1	4.8	0.0	0.0	0.0	0.0	0.0	2.4
37.5°	109.7	69.2	28.6	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	114.5	65.6	23.9	8.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	124.1	65.6	21.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	136.0	65.6	17.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	151.5	66.8	15.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	170.6	69.2	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	184.9	66.8	13.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	209.9	64.4	11.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	243.3	60.8	11.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	276.7	56.1	11.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	314.9	53.7	10.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	520.1	47.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1004.4	45.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1623.4	45.3	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1706.9	45.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1135.6	37.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	608.3	33.4	3.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	328.0	31.0	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	144.3	22.7	6.0	3.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	57.3	15.5	7.2	6.0	4.8	2.4	0.0	0.0	0.0	0.0	0.0
85°	27.4	11.9	9.5	8.3	6.0	3.6	0.0	0.0	0.0	0.0	0.0
87.5°	13.1	11.9	10.7	9.5	8.3	6.0	1.2	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

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 $\text{W}^\wedge/\text{nm}$	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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $CIE R_a = 70.1$
 $R_g = -40.2$



Color Vector Graphics



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

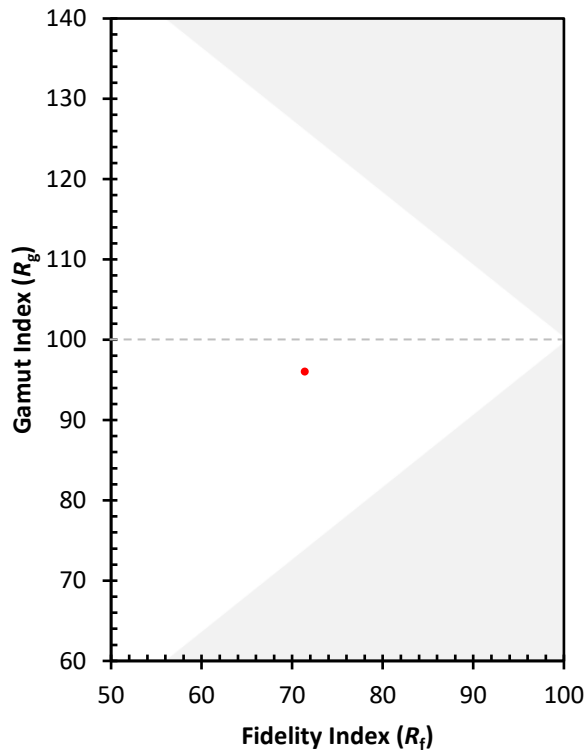
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)