

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: P1067259

Luminaire Tested: **NAV-SA4C-735-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067259
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA4C-735-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20121.8 lumens
Efficiency: N/A
Efficacy: 105.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 190.4
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



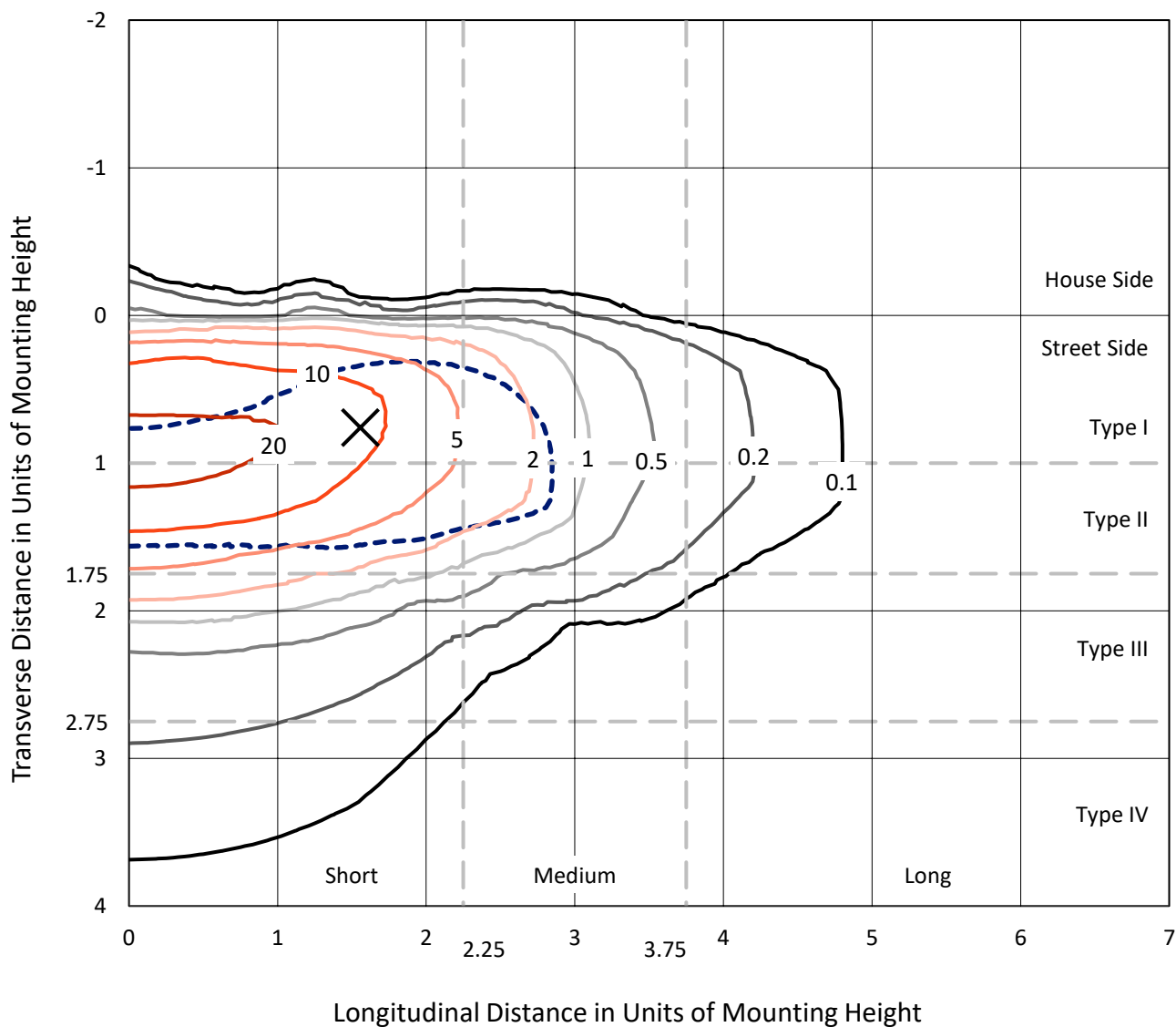
REPORT NUMBER: P1067259

CATALOG NUMBER: NAV-SA4C-735-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

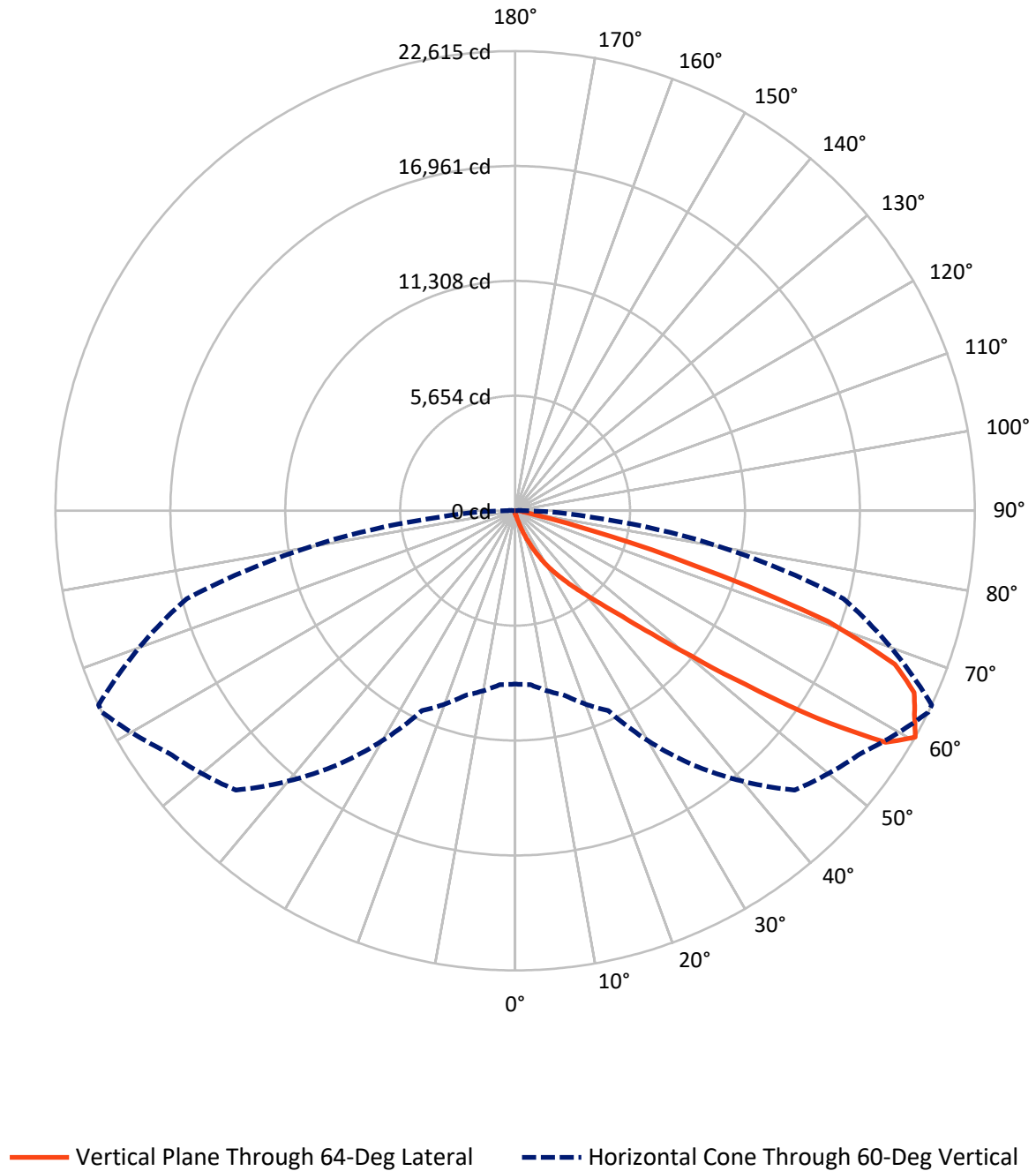


Based on 15 foot mounting height. Maximum calculated value = 28.9 fc
 Type II - Short - N/A

REPORT NUMBER: P1067259

CATALOG NUMBER: NAV-SA4C-735-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067259

CATALOG NUMBER: NAV-SA4C-735-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	81.6	0.0	81.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20040.3	0.0	20040.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	20121.8	0.0	20121.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.0	0.1
10°-20°	197.7	1.0
20°-30°	656.7	3.3
30°-40°	1752.3	8.7
40°-50°	4454.0	22.1
50°-60°	6493.0	32.3
60°-70°	5015.2	24.9
70°-80°	1377.3	6.8
80°-90°	155.5	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°	20121.8	100.0
0°-180°	20121.8	100.0



REPORT NUMBER: P1067259

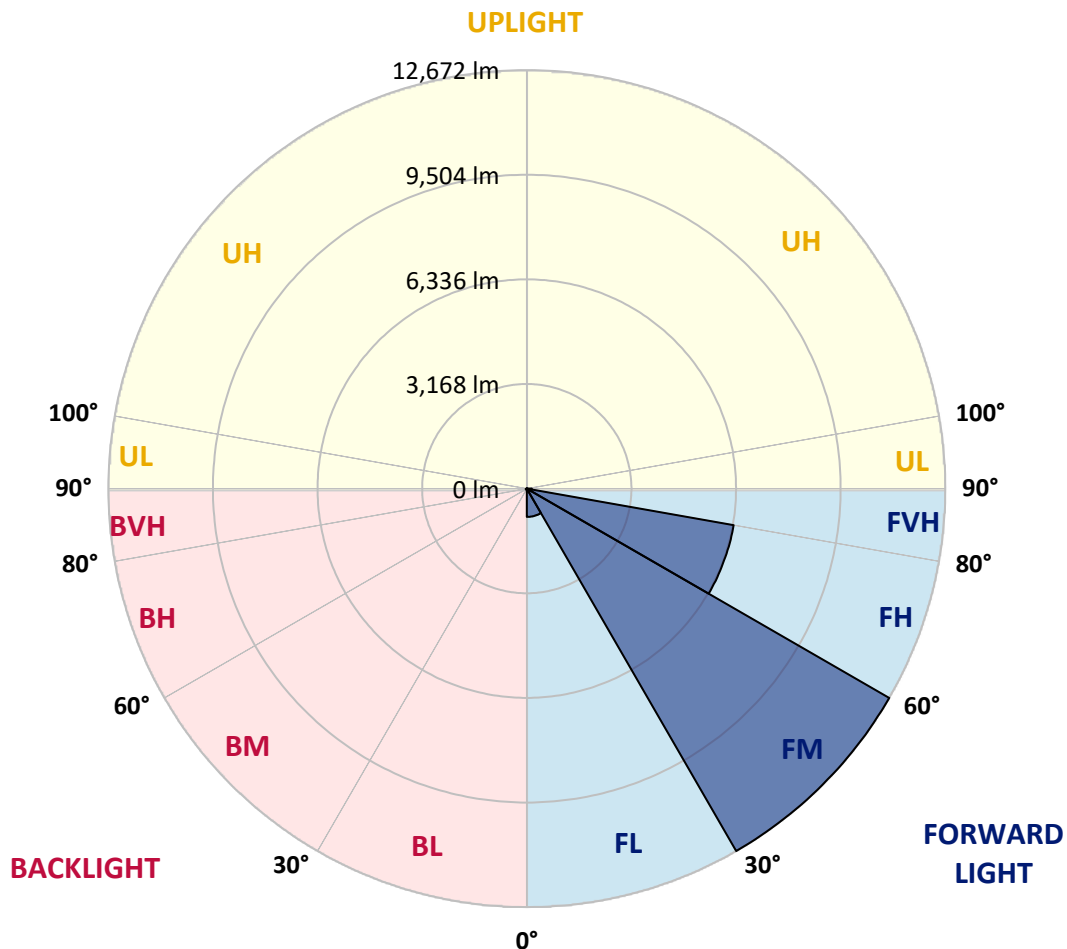
CATALOG NUMBER: NAV-SA4C-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	856.2	4.3			
FM	(30°-60°)	12672.4	63.0			
FH	(60°-80°)	6359.9	31.6			G3/7500
FVH	(80°-90°)	151.8	0.8			G2/225
BL	(0°-30°)	18.3	0.1	B0/110		
BM	(30°-60°)	27.0	0.1	B0/220		
BH	(60°-80°)	32.5	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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: P1067259

CATALOG NUMBER: NAV-SA4C-735-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
2.5°	177.2	177.2	177.2	171.7	166.2	166.2	160.6	155.1	155.1	144.0	138.5
5°	271.4	271.4	260.3	249.2	232.6	210.5	188.3	171.7	171.7	155.1	144.0
7.5°	531.7	548.3	498.5	437.6	354.5	299.1	238.2	199.4	193.9	166.2	144.0
10°	1152.1	1141.0	1063.5	913.9	720.0	520.6	332.3	243.7	232.6	177.2	144.0
12.5°	1733.7	1750.3	1667.2	1501.0	1268.4	925.0	570.5	315.7	304.6	193.9	144.0
15°	2232.1	2232.1	2176.8	2093.7	1838.9	1478.9	919.4	470.8	432.0	210.5	138.5
17.5°	2575.6	2570.0	2547.9	2525.7	2376.2	2005.1	1406.9	753.3	664.7	249.2	138.5
20°	2963.3	2946.7	2974.3	2930.0	2813.7	2520.2	1922.0	1118.8	1035.8	315.7	138.5
22.5°	3367.6	3384.2	3406.4	3362.1	3234.7	2979.9	2464.8	1589.6	1501.0	437.6	144.0
25°	3882.7	3871.6	3921.5	3882.7	3722.1	3423.0	2974.3	2104.8	1977.4	609.3	155.1
27.5°	4514.1	4492.0	4525.2	4425.5	4215.0	3910.4	3428.5	2630.9	2481.4	875.1	177.2
30°	5350.5	5367.1	5217.6	5101.3	4802.2	4397.8	3932.6	3195.9	3040.8	1190.8	199.4
32.5°	6668.7	6552.4	6319.8	5849.0	5455.7	4940.6	4436.6	3688.9	3550.4	1595.2	232.6
35°	8723.6	8745.8	8236.2	7073.1	6220.1	5621.9	4990.5	4231.7	4132.0	2054.9	276.9
37.5°	11227.2	11166.3	10717.6	9249.8	7338.9	6469.3	5621.9	4824.3	4680.3	2553.4	332.3
40°	14063.1	13808.3	13548.0	12551.0	9670.8	7532.8	6419.5	5511.1	5400.4	3129.4	421.0
42.5°	16334.0	16267.5	16311.8	15896.4	13559.0	9344.0	7477.4	6353.0	6220.1	3843.9	576.0
45°	17452.8	17358.7	17624.5	17934.7	17336.5	13199.0	9183.4	7427.6	7250.3	4685.8	814.2
47.5°	17153.7	17087.3	17657.8	18267.0	19064.6	17668.8	11969.4	9033.8	8729.2	5765.9	1168.7
50°	15680.4	15685.9	16622.0	17757.5	19020.3	19934.2	16095.8	11232.7	10850.5	7200.5	1722.6
52.5°	14245.8	14290.2	15281.6	16937.7	18361.2	20200.1	19718.2	14196.0	13575.6	8889.8	2376.2
55°	12772.5	12794.7	13669.8	16001.7	18051.0	19408.0	21579.2	18012.2	17353.1	10994.6	3013.1
57.5°	11354.6	11354.6	11681.4	13752.9	17713.1	19336.0	21357.7	21501.7	20964.4	13398.4	3483.9
60°	8529.8	8585.2	9399.4	10850.5	15276.1	19441.3	20792.7	22615.0	22615.0	16732.8	3843.9
62.5°	4309.2	4392.3	5405.9	6818.3	10479.4	17990.1	20881.4	22055.6	22144.2	19673.9	4663.7
65°	2021.7	2115.8	2658.6	3655.6	5638.5	12661.7	19961.9	21579.2	21551.6	19114.5	6391.8
67.5°	1451.2	1478.9	1661.6	2132.4	3035.3	5549.9	15237.3	20155.8	20166.8	16239.8	7350.0
70°	1301.6	1301.6	1345.9	1484.4	1827.8	2481.4	7405.4	16322.9	17115.0	12539.9	6812.7
72.5°	1285.0	1273.9	1262.9	1268.4	1235.2	1246.2	2542.3	9216.6	10346.5	8773.5	5433.6
75°	1251.8	1251.8	1240.7	1201.9	985.9	803.1	875.1	3727.6	4309.2	5860.1	4032.3
77.5°	991.4	1091.1	1207.5	1135.5	902.8	603.7	509.6	1080.1	1362.5	3594.7	2924.5
80°	459.7	465.3	459.7	481.9	576.0	432.0	376.6	526.2	531.7	1994.0	1811.2
82.5°	332.3	337.9	321.3	288.0	254.8	232.6	310.2	387.7	415.4	913.9	675.7
85°	99.7	94.2	110.8	149.5	177.2	204.9	260.3	326.8	343.4	337.9	99.7
87.5°	44.3	44.3	55.4	77.5	105.2	155.1	227.1	299.1	304.6	348.9	27.7
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: P1067259

CATALOG NUMBER: NAV-SA4C-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
2.5°	138.5	132.9	127.4	121.9	116.3	110.8	105.2	105.2	110.8	110.8	110.8
5°	132.9	127.4	116.3	105.2	99.7	94.2	88.6	88.6	94.2	94.2	94.2
7.5°	132.9	121.9	110.8	99.7	88.6	83.1	77.5	77.5	77.5	83.1	83.1
10°	132.9	121.9	105.2	88.6	77.5	72.0	66.5	60.9	66.5	66.5	66.5
12.5°	127.4	116.3	99.7	83.1	66.5	55.4	49.8	49.8	49.8	49.8	49.8
15°	121.9	110.8	94.2	72.0	55.4	44.3	33.2	33.2	33.2	38.8	38.8
17.5°	116.3	105.2	83.1	55.4	38.8	27.7	22.2	22.2	22.2	27.7	27.7
20°	116.3	99.7	72.0	44.3	27.7	16.6	11.1	11.1	11.1	16.6	22.2
22.5°	116.3	99.7	66.5	33.2	16.6	11.1	5.5	5.5	5.5	5.5	5.5
25°	116.3	94.2	60.9	27.7	11.1	5.5	0.0	0.0	5.5	11.1	16.6
27.5°	116.3	88.6	49.8	16.6	11.1	5.5	0.0	5.5	11.1	11.1	11.1
30°	116.3	88.6	44.3	16.6	5.5	0.0	0.0	5.5	11.1	11.1	16.6
32.5°	121.9	83.1	38.8	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	127.4	77.5	33.2	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	138.5	77.5	22.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	155.1	83.1	22.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	193.9	88.6	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	271.4	110.8	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	398.8	166.2	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	581.6	227.1	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	714.5	227.1	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	709.0	144.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	542.8	99.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	459.7	72.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	553.9	55.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	985.9	49.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1584.1	49.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1772.4	49.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1384.7	44.3	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	758.8	38.8	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	382.2	27.7	11.1	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0
80°	160.6	22.2	11.1	5.5	5.5	5.5	0.0	0.0	0.0	0.0	0.0
82.5°	55.4	22.2	11.1	11.1	5.5	5.5	0.0	0.0	0.0	0.0	0.0
85°	27.7	16.6	16.6	11.1	11.1	5.5	5.5	0.0	0.0	0.0	0.0
87.5°	16.6	16.6	16.6	11.1	11.1	5.5	5.5	0.0	0.0	0.0	5.5
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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

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	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			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.29

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			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

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			

REPORT NUMBER: SP1-2407-184-5

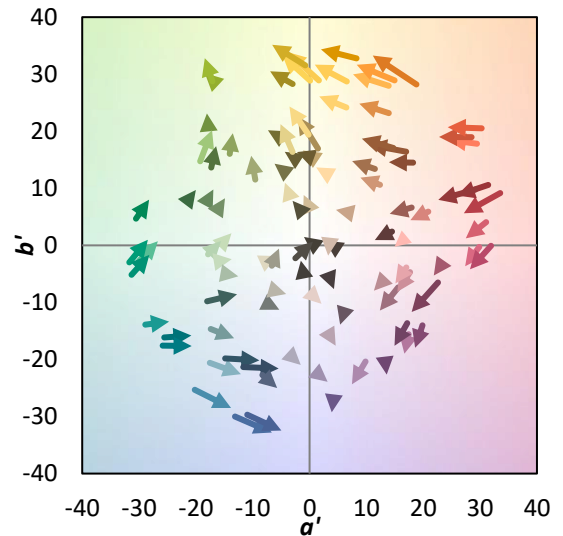
TM-30-18

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)