

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: P1067183

Luminaire Tested: **NAV-SA3C-722-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067183
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3C-722-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11998.6 lumens
Efficiency: N/A
Efficacy: 85.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 140.4
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



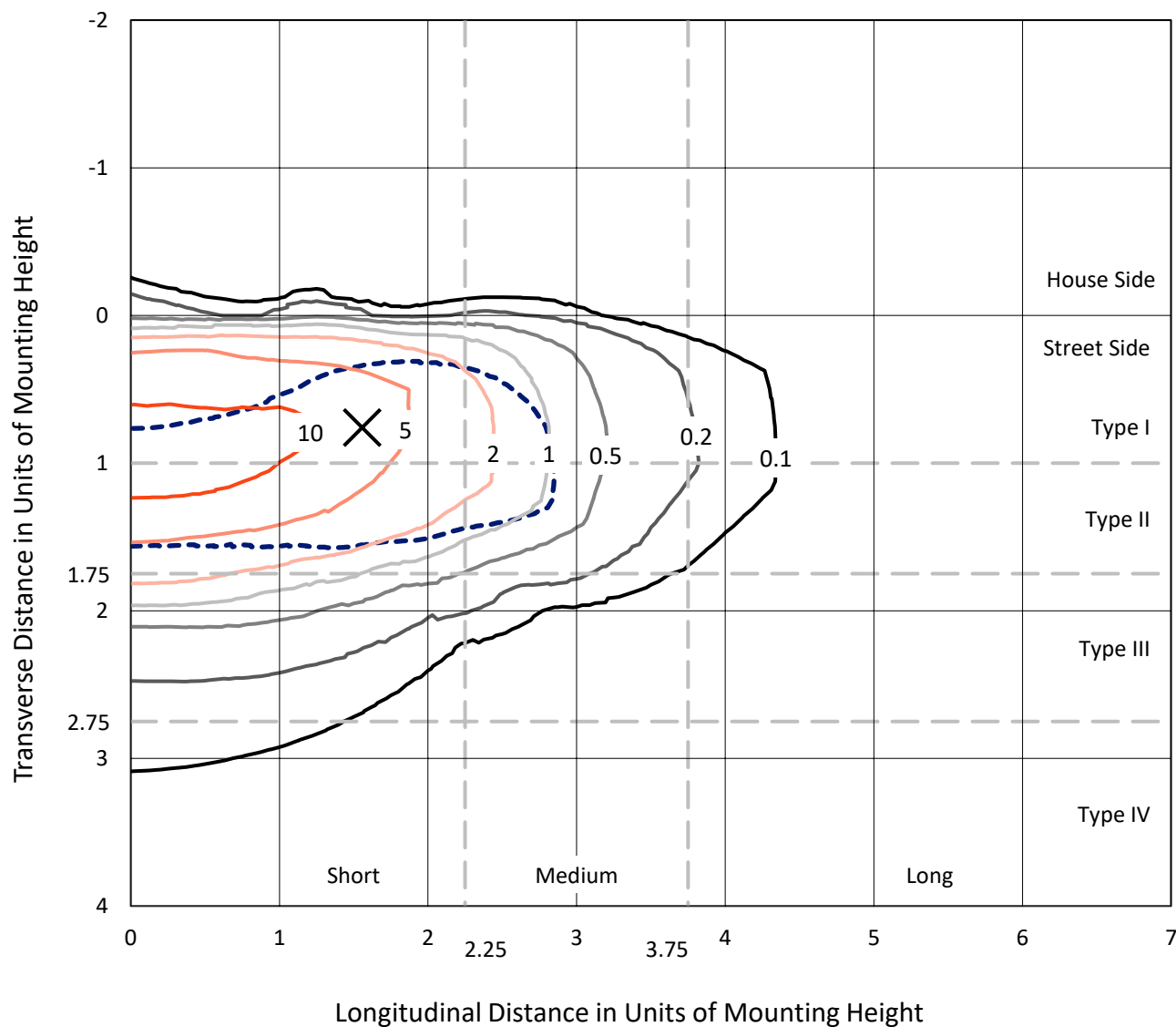
REPORT NUMBER: P1067183

CATALOG NUMBER: NAV-SA3C-722-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

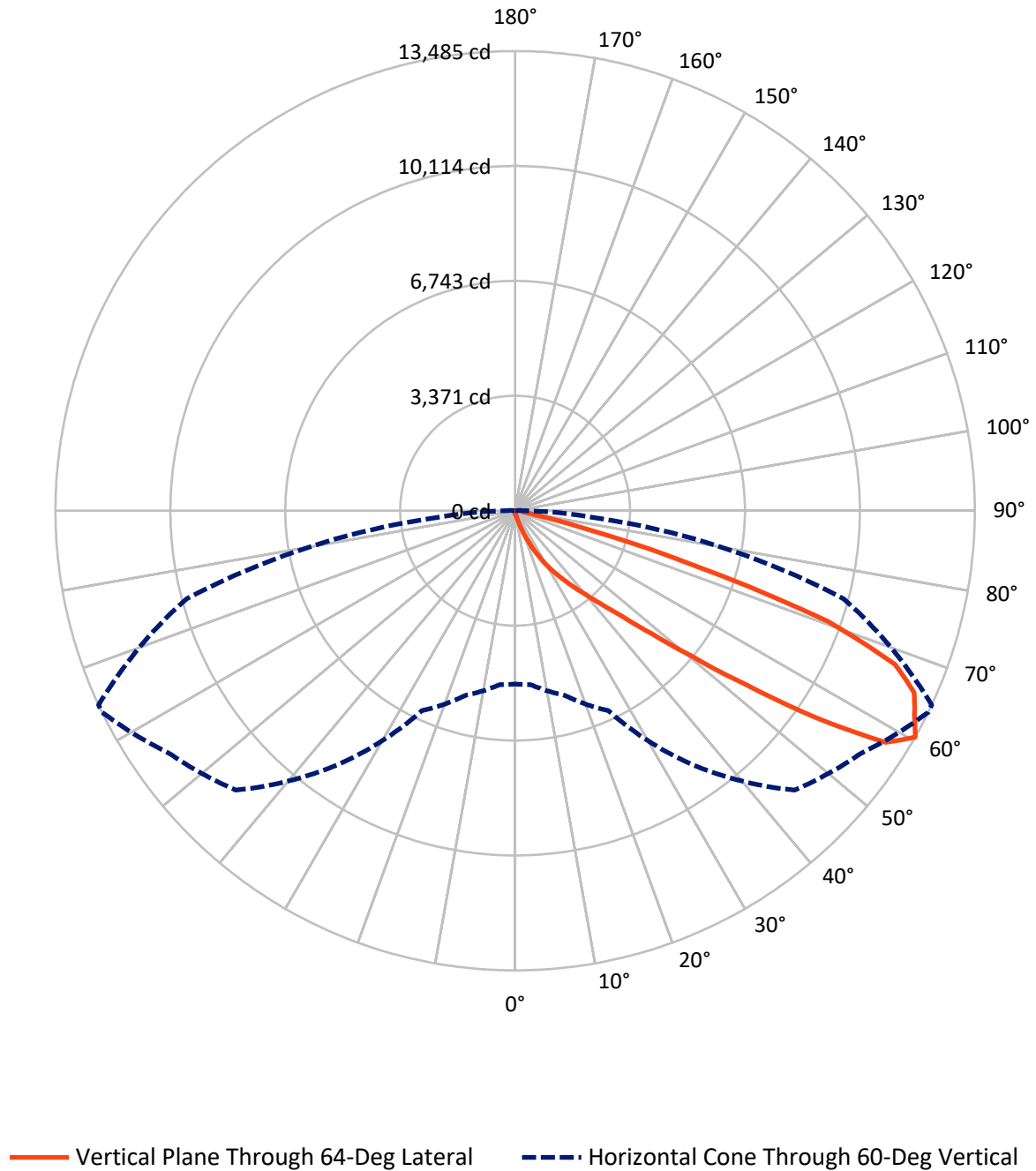


Based on 15 foot mounting height. Maximum calculated value = 17.2 fc
 Type II - Short - N/A

REPORT NUMBER: P1067183

CATALOG NUMBER: NAV-SA3C-722-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067183

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	48.6	0.0	48.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11950.0	0.0	11950.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	11998.6	0.0	11998.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.9	0.1
10°-20°	117.9	1.0
20°-30°	391.6	3.3
30°-40°	1044.9	8.7
40°-50°	2655.9	22.1
50°-60°	3871.8	32.3
60°-70°	2990.6	24.9
70°-80°	821.3	6.8
80°-90°	92.7	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°	11998.6	100.0
0°-180°	11998.6	100.0



REPORT NUMBER: P1067183

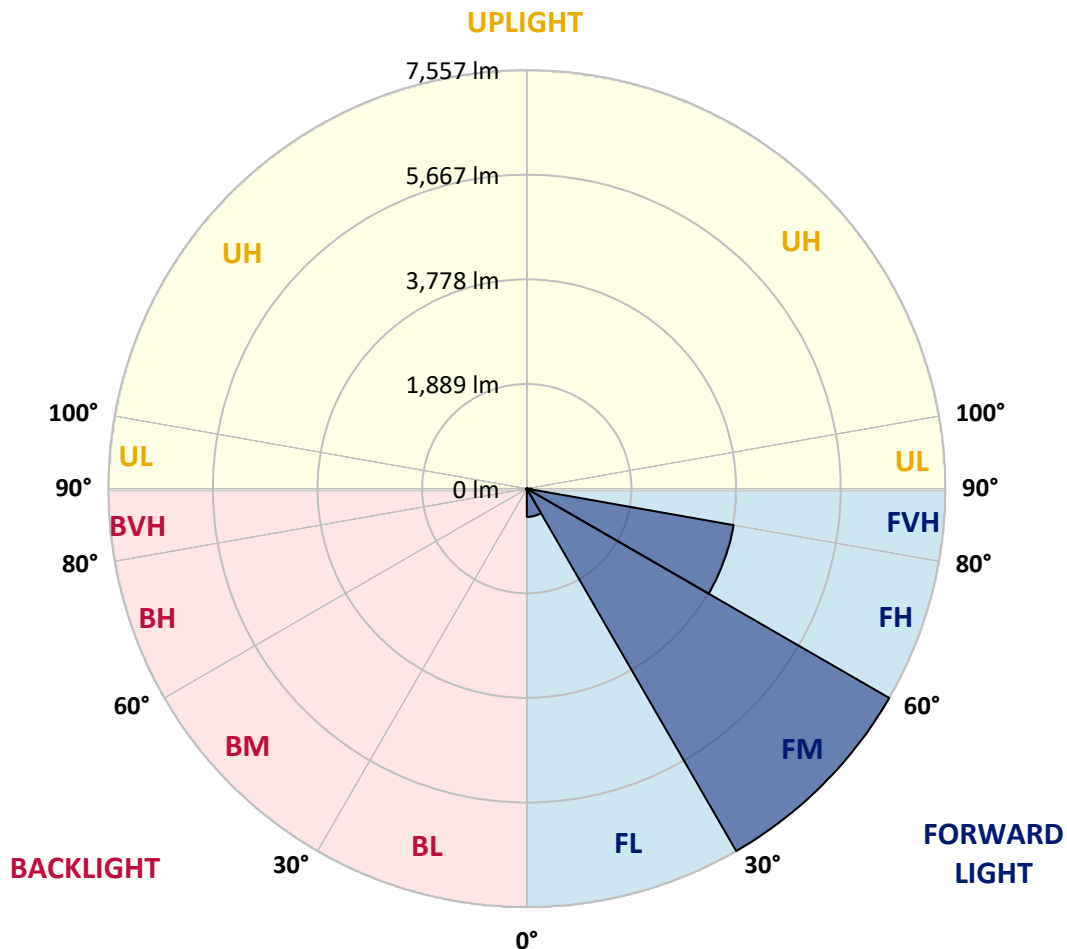
CATALOG NUMBER: NAV-SA3C-722-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	510.5	4.3			
FM	(30°-60°)	7556.5	63.0			
FH	(60°-80°)	3792.4	31.6			G2/5000
FVH	(80°-90°)	90.5	0.8			G1/100
BL	(0°-30°)	10.9	0.1	B0/110		
BM	(30°-60°)	16.1	0.1	B0/220		
BH	(60°-80°)	19.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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-G2

Type II Short



REPORT NUMBER: P1067183

CATALOG NUMBER: NAV-SA3C-722-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
2.5°	105.7	105.7	105.7	102.4	99.1	99.1	95.8	92.5	92.5	85.9	82.6
5°	161.8	161.8	155.2	148.6	138.7	125.5	112.3	102.4	102.4	92.5	85.9
7.5°	317.1	327.0	297.3	260.9	211.4	178.4	142.0	118.9	115.6	99.1	85.9
10°	687.0	680.4	634.1	545.0	429.4	310.5	198.2	145.3	138.7	105.7	85.9
12.5°	1033.8	1043.7	994.1	895.1	756.3	551.6	340.2	188.3	181.7	115.6	85.9
15°	1331.0	1331.0	1298.0	1248.5	1096.5	881.8	548.3	280.7	257.6	125.5	82.6
17.5°	1535.8	1532.5	1519.3	1506.1	1416.9	1195.6	838.9	449.2	396.3	148.6	82.6
20°	1767.0	1757.1	1773.6	1747.2	1677.8	1502.8	1146.1	667.2	617.6	188.3	82.6
22.5°	2008.1	2018.0	2031.2	2004.8	1928.8	1776.9	1469.7	947.9	895.1	260.9	85.9
25°	2315.3	2308.6	2338.4	2315.3	2219.5	2041.1	1773.6	1255.1	1179.1	363.3	92.5
27.5°	2691.8	2678.6	2698.4	2638.9	2513.4	2331.8	2044.4	1568.8	1479.6	521.8	105.7
30°	3190.5	3200.4	3111.2	3041.9	2863.5	2622.4	2345.0	1905.7	1813.2	710.1	118.9
32.5°	3976.6	3907.2	3768.5	3487.7	3253.2	2946.1	2645.5	2199.7	2117.1	951.2	138.7
35°	5201.9	5215.1	4911.2	4217.7	3709.0	3352.3	2975.8	2523.3	2463.9	1225.3	165.1
37.5°	6694.8	6658.4	6390.9	5515.7	4376.2	3857.7	3352.3	2876.7	2790.9	1522.6	198.2
40°	8385.8	8233.9	8078.6	7484.1	5766.7	4491.8	3827.9	3286.3	3220.2	1866.1	251.0
42.5°	9739.9	9700.3	9726.7	9479.0	8085.2	5571.8	4458.8	3788.3	3709.0	2292.1	343.5
45°	10407.1	10350.9	10509.5	10694.4	10337.7	7870.5	5476.0	4429.0	4323.4	2794.2	485.5
47.5°	10228.7	10189.1	10529.3	10892.6	11368.2	10535.9	7137.3	5386.8	5205.2	3438.2	696.9
50°	9350.2	9353.5	9911.7	10588.7	11341.8	11886.7	9597.9	6698.1	6470.2	4293.6	1027.2
52.5°	8494.8	8521.2	9112.4	10099.9	10948.7	12045.3	11757.9	8465.0	8095.1	5301.0	1416.9
55°	7616.2	7629.4	8151.3	9541.8	10763.8	11573.0	12867.7	10740.7	10347.6	6556.0	1796.7
57.5°	6770.7	6770.7	6965.6	8200.8	10562.3	11530.0	12735.6	12821.4	12501.1	7989.4	2077.5
60°	5086.3	5119.3	5604.8	6470.2	9109.1	11592.8	12398.7	13485.3	13485.3	9977.7	2292.1
62.5°	2569.6	2619.1	3223.5	4065.7	6248.9	10727.5	12451.5	13151.7	13204.6	11731.5	2780.9
65°	1205.5	1261.7	1585.3	2179.8	3362.2	7550.2	11903.3	12867.7	12851.2	11397.9	3811.4
67.5°	865.3	881.8	990.8	1271.6	1809.9	3309.4	9086.0	12018.9	12025.5	9683.8	4382.8
70°	776.2	776.2	802.6	885.1	1089.9	1479.6	4415.8	9733.3	10205.6	7477.5	4062.4
72.5°	766.2	759.6	753.0	756.3	736.5	743.1	1516.0	5495.8	6169.6	5231.6	3240.0
75°	746.4	746.4	739.8	716.7	587.9	478.9	521.8	2222.8	2569.6	3494.4	2404.4
77.5°	591.2	650.6	720.0	677.1	538.4	360.0	303.9	644.0	812.5	2143.5	1743.9
80°	274.1	277.4	274.1	287.3	343.5	257.6	224.6	313.8	317.1	1189.0	1080.0
82.5°	198.2	201.5	191.6	171.7	151.9	138.7	185.0	231.2	247.7	545.0	402.9
85°	59.5	56.1	66.1	89.2	105.7	122.2	155.2	194.9	204.8	201.5	59.5
87.5°	26.4	26.4	33.0	46.2	62.8	92.5	135.4	178.4	181.7	208.1	16.5
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: P1067183

CATALOG NUMBER: NAV-SA3C-722-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
2.5°	82.6	79.3	76.0	72.7	69.4	66.1	62.8	62.8	66.1	66.1	66.1
5°	79.3	76.0	69.4	62.8	59.5	56.1	52.8	52.8	56.1	56.1	56.1
7.5°	79.3	72.7	66.1	59.5	52.8	49.5	46.2	46.2	46.2	49.5	49.5
10°	79.3	72.7	62.8	52.8	46.2	42.9	39.6	36.3	39.6	39.6	39.6
12.5°	76.0	69.4	59.5	49.5	39.6	33.0	29.7	29.7	29.7	29.7	29.7
15°	72.7	66.1	56.1	42.9	33.0	26.4	19.8	19.8	19.8	23.1	23.1
17.5°	69.4	62.8	49.5	33.0	23.1	16.5	13.2	13.2	13.2	16.5	16.5
20°	69.4	59.5	42.9	26.4	16.5	9.9	6.6	6.6	6.6	9.9	13.2
22.5°	69.4	59.5	39.6	19.8	9.9	6.6	3.3	3.3	3.3	3.3	3.3
25°	69.4	56.1	36.3	16.5	6.6	3.3	0.0	0.0	3.3	6.6	9.9
27.5°	69.4	52.8	29.7	9.9	6.6	3.3	0.0	3.3	6.6	6.6	6.6
30°	69.4	52.8	26.4	9.9	3.3	0.0	0.0	3.3	6.6	6.6	9.9
32.5°	72.7	49.5	23.1	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	76.0	46.2	19.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	82.6	46.2	13.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	92.5	49.5	13.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	115.6	52.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	161.8	66.1	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	237.8	99.1	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	346.8	135.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	426.1	135.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	422.8	85.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	323.7	59.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	274.1	42.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	330.3	33.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	587.9	29.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	944.6	29.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1056.9	29.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	825.7	26.4	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	452.5	23.1	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	227.9	16.5	6.6	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0
80°	95.8	13.2	6.6	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0
82.5°	33.0	13.2	6.6	6.6	3.3	3.3	0.0	0.0	0.0	0.0	0.0
85°	16.5	9.9	9.9	6.6	6.6	3.3	3.3	0.0	0.0	0.0	0.0
87.5°	9.9	9.9	9.9	6.6	6.6	3.3	3.3	0.0	0.0	0.0	3.3
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

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

REPORT NUMBER: SP1-2407-184-2

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: SP1-2407-184-2

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE R_a = 71.9$
 $R_g = -17.8$



Color Vector Graphics



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

CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)