

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: McGRAW-EDISON

Report Number: P1047677

Luminaire Tested: **GALN-SA5A-722-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047677
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-722-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12980.6 lumens
Efficiency: N/A
Efficacy: 95.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 136.6
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



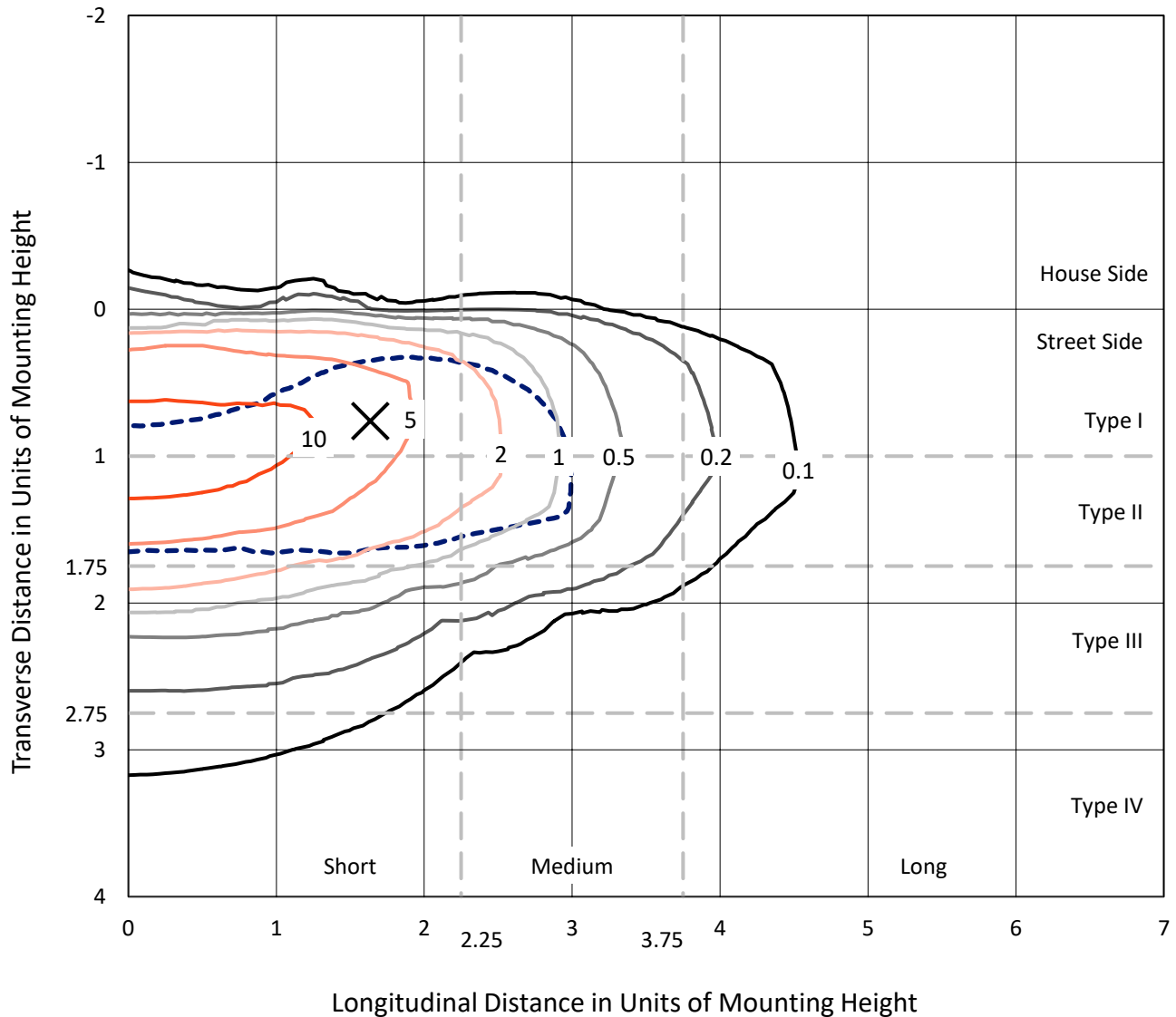
REPORT NUMBER: P1047677

CATALOG NUMBER: GALN-SA5A-722-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

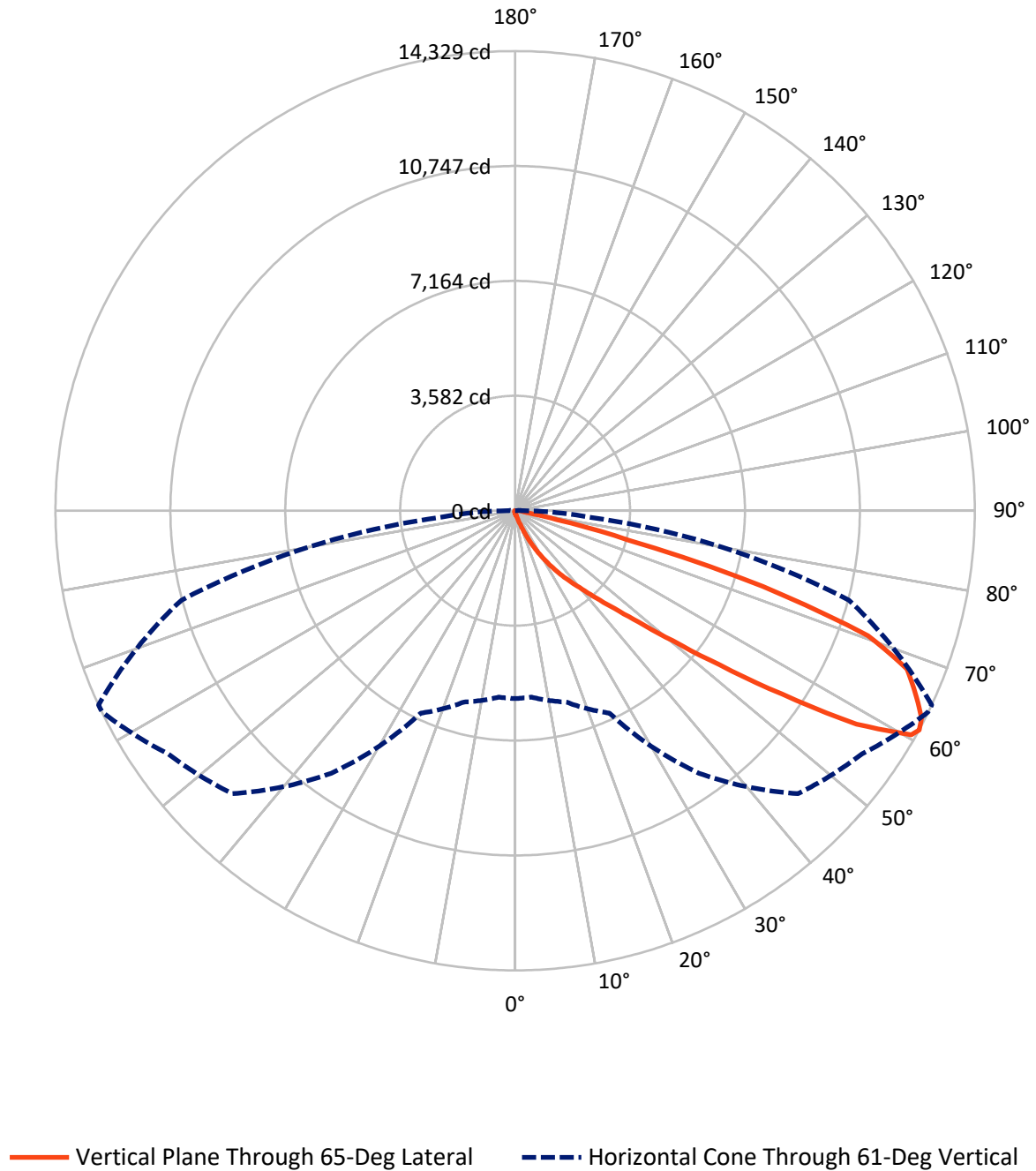


Based on 15 foot mounting height. Maximum calculated value = 17.2 fc
 Type II - Short - N/A

REPORT NUMBER: P1047677

CATALOG NUMBER: GALN-SA5A-722-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047677

CATALOG NUMBER: GALN-SA5A-722-U-T2BC

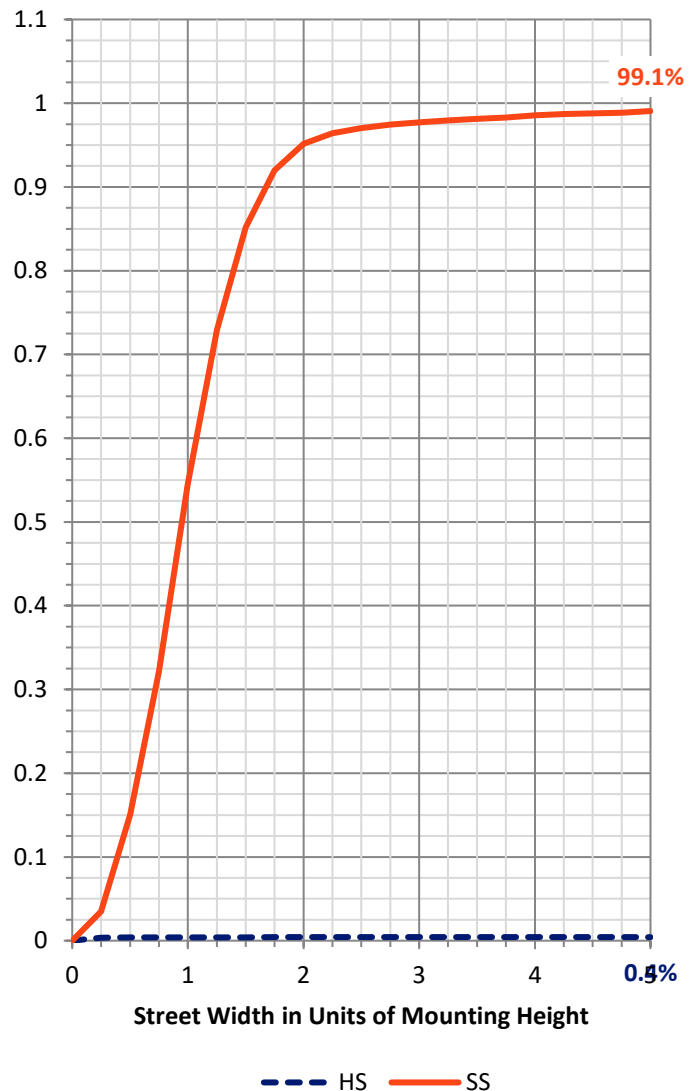
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	55.4	0.0	55.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12925.2	0.0	12925.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	12980.6	0.0	12980.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.1	0.1
10°-20°	106.7	0.8
20°-30°	383.1	3.0
30°-40°	1019.9	7.9
40°-50°	2679.3	20.6
50°-60°	4150.7	32.0
60°-70°	3480.3	26.8
70°-80°	1024.2	7.9
80°-90°	126.3	1.0
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°	12980.6	100.0
0°-180°	12980.6	100.0



REPORT NUMBER: P1047677

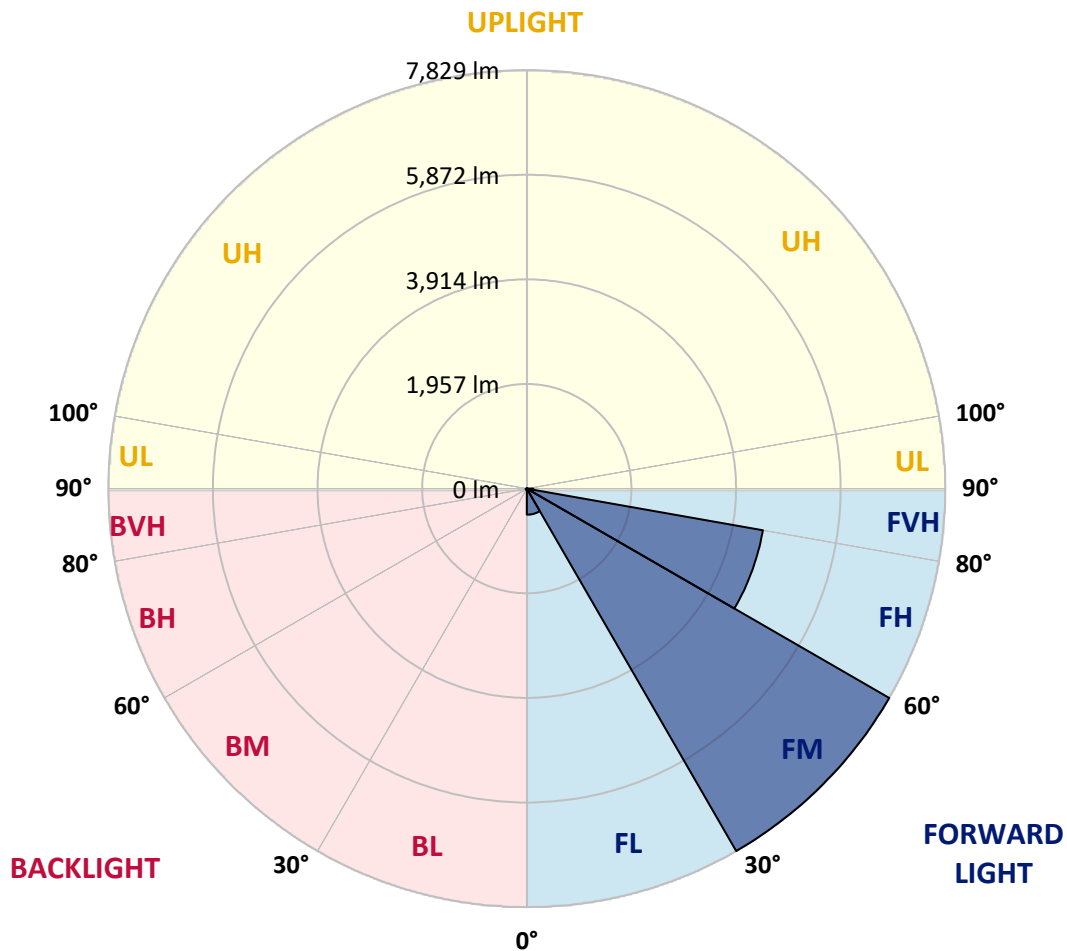
CATALOG NUMBER: GALN-SA5A-722-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	487.5	3.8			
FM	(30°-60°)	7828.8	60.3			
FH	(60°-80°)	4484.9	34.6			G2/5000
FVH	(80°-90°)	124.0	1.0			G2/225
BL	(0°-30°)	12.4	0.1	B0/110		
BM	(30°-60°)	21.1	0.2	B0/220		
BH	(60°-80°)	19.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.3	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 II Short



REPORT NUMBER: P1047677

CATALOG NUMBER: GALN-SA5A-722-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
2.5°	96.4	97.3	95.5	92.0	89.3	89.3	88.4	85.7	85.7	83.0	81.3
5°	134.8	133.0	129.5	122.3	116.1	109.8	103.6	97.3	96.4	88.4	83.0
7.5°	220.6	222.3	210.7	188.4	169.7	145.5	123.2	109.8	108.0	94.7	83.9
10°	484.0	470.6	443.8	357.2	293.8	221.4	164.3	127.7	125.9	101.8	85.7
12.5°	882.2	871.5	822.4	733.1	569.7	396.5	240.2	158.0	152.7	108.0	86.6
15°	1271.5	1254.6	1227.8	1137.6	946.5	710.8	392.9	216.1	201.8	117.0	85.7
17.5°	1519.8	1522.4	1498.3	1459.9	1336.7	1051.9	678.6	322.3	294.7	133.0	83.9
20°	1736.7	1730.5	1743.9	1723.3	1636.7	1429.6	987.6	510.8	463.4	158.9	84.8
22.5°	1986.8	2001.9	2011.8	2007.3	1911.8	1735.0	1338.5	764.3	704.5	206.3	87.5
25°	2321.6	2319.8	2320.7	2309.1	2216.2	2019.8	1690.3	1079.5	1018.8	283.1	93.8
27.5°	2672.5	2683.2	2687.7	2645.7	2524.3	2331.4	2016.2	1424.2	1352.8	406.3	101.8
30°	3152.0	3143.1	3122.6	3036.8	2889.5	2650.2	2337.7	1785.9	1710.8	578.6	114.3
32.5°	3798.5	3788.7	3685.1	3495.8	3275.3	2982.4	2660.9	2148.4	2057.3	793.8	131.3
35°	4863.8	4879.0	4624.5	4134.2	3738.7	3381.5	3019.0	2509.1	2428.8	1059.0	154.5
37.5°	6495.1	6412.1	6066.5	5200.4	4348.6	3879.8	3361.0	2873.4	2803.8	1385.8	184.8
40°	8080.1	7997.9	7897.9	7077.3	5408.5	4428.9	3839.6	3301.1	3211.0	1754.6	229.5
42.5°	9746.3	9700.8	9696.3	9077.5	7342.5	5292.4	4415.5	3802.1	3725.3	2159.1	302.7
45°	10926.7	10881.2	10976.7	11084.8	9976.7	7142.5	5418.3	4453.0	4341.4	2650.2	419.7
47.5°	11085.7	11087.5	11342.8	11681.3	11934.0	10004.3	6754.1	5315.6	5179.9	3352.9	616.1
50°	10557.1	10577.6	10983.9	11589.3	12269.7	12405.4	9109.6	6567.5	6366.6	4186.0	894.7
52.5°	9550.7	9574.0	10140.1	11135.7	11960.8	12982.3	11883.1	8205.1	7973.8	5225.4	1287.6
55°	8644.4	8658.7	9307.9	10566.0	11588.4	12668.8	13529.6	10391.9	10088.3	6504.1	1675.1
57.5°	7747.0	7714.0	8136.3	9576.6	11525.0	12284.0	13772.5	12884.0	12549.2	7901.5	1976.9
60°	6546.9	6491.6	6830.9	7747.0	10691.0	12536.7	13318.0	14262.7	14186.8	9847.2	2210.0
61°	5856.7	5833.5	6174.6	6960.4	9989.2	12472.4	13209.1	14320.8	14328.8	10767.8	2314.5
62.5°	4182.5	4248.5	4770.0	5791.5	8366.7	12055.4	13223.3	14141.3	14220.7	11991.1	2585.0
65°	1859.1	1965.3	2370.7	3202.0	4865.6	10028.5	13096.6	13747.5	13708.2	12326.9	3517.2
67.5°	1102.8	1118.8	1320.6	1814.4	2577.0	5394.2	11557.1	13226.9	13174.2	10731.2	4376.2
70°	868.8	876.9	941.1	1138.5	1495.7	2066.2	6596.0	11443.7	11673.2	8701.6	4284.3
72.5°	824.2	822.4	831.3	866.1	942.0	1025.1	2553.8	7606.8	8073.8	6266.6	3592.2
75°	813.5	809.9	801.0	787.6	682.2	603.6	791.1	3364.5	3635.1	4281.6	2704.7
77.5°	789.3	790.2	792.0	755.4	584.9	426.8	383.1	1079.5	1327.8	2717.2	1922.5
80°	534.0	542.0	555.4	541.1	525.9	309.0	270.6	384.0	389.3	1525.1	1269.7
82.5°	270.6	270.6	264.3	235.7	203.6	200.9	215.2	278.6	282.2	771.5	597.4
85°	163.4	172.3	175.9	159.8	146.4	134.8	164.3	221.4	229.5	299.1	139.3
87.5°	36.6	37.5	41.1	54.5	79.5	108.0	152.7	202.7	206.3	192.0	17.0
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: P1047677

CATALOG NUMBER: GALN-SA5A-722-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
2.5°	80.4	78.6	77.7	75.0	72.3	69.6	67.9	67.0	67.9	68.8	68.8
5°	79.5	76.8	72.3	67.9	64.3	60.7	57.1	56.3	56.3	57.1	57.1
7.5°	79.5	75.0	68.8	63.4	58.0	52.7	50.0	48.2	49.1	49.1	49.1
10°	79.5	74.1	66.1	58.0	51.8	45.5	41.1	39.3	39.3	39.3	39.3
12.5°	78.6	73.2	63.4	53.6	44.6	37.5	32.1	29.5	30.4	30.4	30.4
15°	76.8	70.5	59.8	45.5	35.7	28.6	23.2	20.5	21.4	23.2	24.1
17.5°	74.1	67.9	53.6	38.4	28.6	21.4	16.1	14.3	15.2	17.9	17.9
20°	73.2	65.2	47.3	31.3	21.4	15.2	10.7	8.9	9.8	13.4	14.3
22.5°	73.2	63.4	42.9	25.9	16.1	9.8	6.3	3.6	3.6	6.3	6.3
25°	74.1	62.5	39.3	21.4	11.6	7.1	3.6	1.8	3.6	9.8	11.6
27.5°	75.9	61.6	37.5	17.9	8.9	6.3	2.7	6.3	10.7	10.7	10.7
30°	77.7	59.8	34.8	15.2	8.0	4.5	4.5	8.9	8.9	10.7	11.6
32.5°	80.4	58.9	33.0	13.4	6.3	3.6	6.3	5.4	5.4	6.3	7.1
35°	85.7	59.8	31.3	13.4	6.3	4.5	5.4	2.7	1.8	1.8	1.8
37.5°	92.9	60.7	28.6	11.6	5.4	5.4	2.7	0.0	0.0	0.0	0.0
40°	104.5	63.4	26.8	10.7	4.5	4.5	0.9	0.0	0.0	0.0	0.0
42.5°	124.1	68.8	25.9	9.8	4.5	3.6	0.0	0.0	0.0	0.0	0.0
45°	163.4	81.3	24.1	8.9	4.5	1.8	0.0	0.0	0.0	0.0	0.0
47.5°	234.8	110.7	23.2	7.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	342.9	150.0	22.3	6.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	437.5	158.0	15.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	448.2	108.9	11.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	357.2	70.5	9.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	270.6	53.6	8.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	259.8	48.2	8.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	286.6	42.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	466.1	34.8	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	809.9	30.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1023.3	28.6	5.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	892.0	25.9	5.4	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	536.6	22.3	5.4	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	281.3	17.0	5.4	4.5	2.7	0.9	0.0	0.0	0.0	0.0	0.0
80°	136.6	15.2	6.3	4.5	3.6	1.8	0.0	0.0	0.0	0.0	0.0
82.5°	53.6	12.5	7.1	6.3	4.5	2.7	0.9	0.0	0.0	0.0	0.0
85°	24.1	10.7	8.0	7.1	6.3	3.6	0.9	0.0	0.0	0.0	0.0
87.5°	12.5	9.8	8.9	8.0	6.3	4.5	1.8	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: SP1-2407-184-2

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

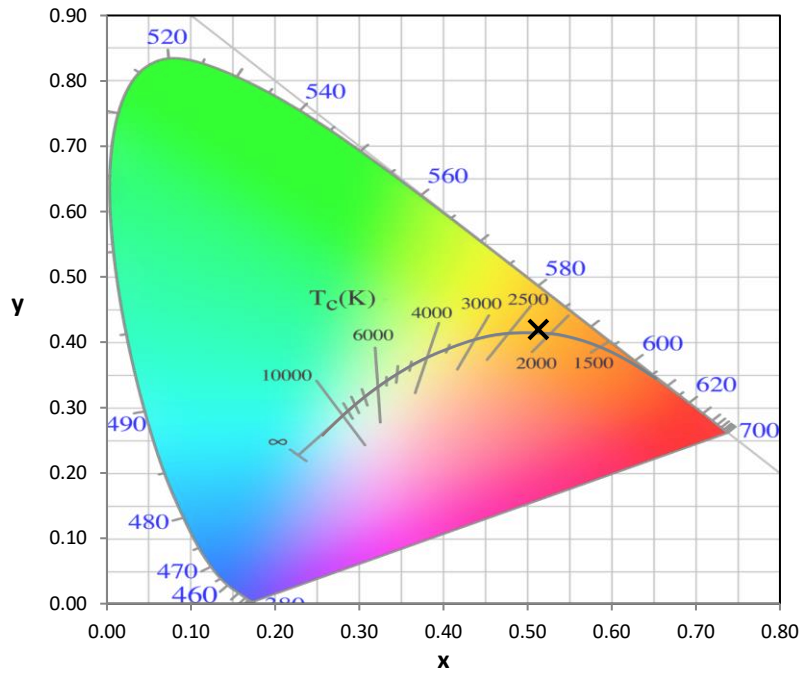
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

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	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 $\text{W}^{\wedge}/\text{nm}$	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	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

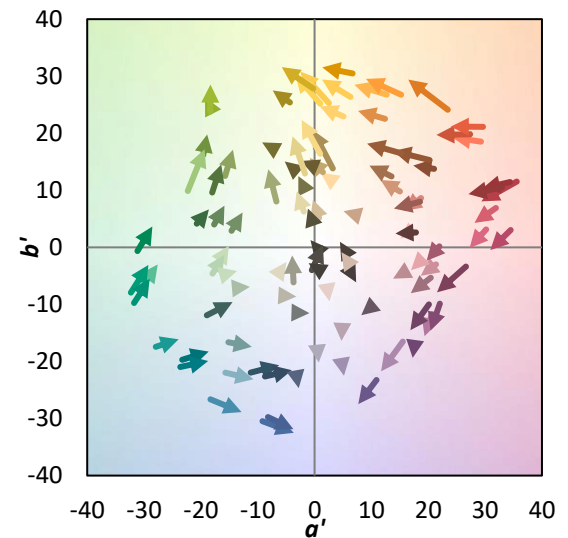
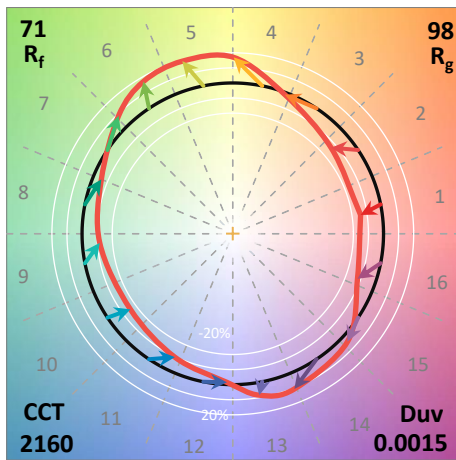
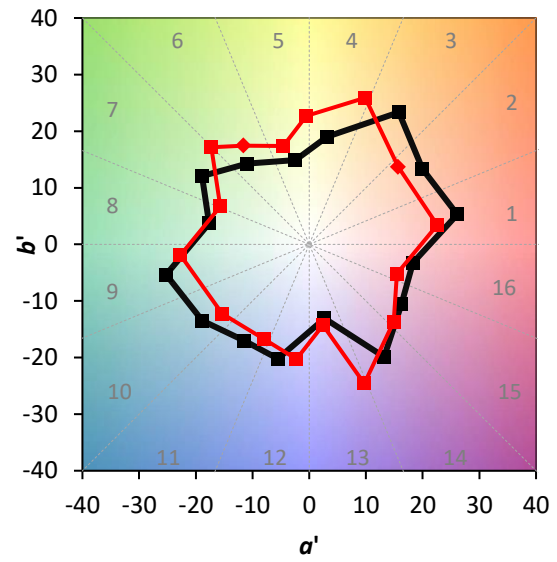
TM-30-18

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)